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REPORT

PRE-DEMOLITION INVESTIGATIVE SURVEY FOR HAZARDOUS BUILDING MATERIALS

BRADLEY INTERNATIONAL AIRPORT TERMINAL B WINDSOR LOCKS, CONNECTICUT

VOLUME I

Prepared for:

State of Connecticut Department of Transportation
Newington, Connecticut

November 2013

Prepared by:

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TRC
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November 2013

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EXECUTIVE SUMMARY

TRC of Windsor, Connecticut was retained by the State of Connecticut Department of Transportation (CTDOT) to conduct a pre-demolition survey for hazardous building materials at Bradley International Airport – Terminal B in Windsor Locks, Connecticut. Terminal B is comprised of Concourse A, Concourse B, International Arrivals Building (IAB) (including a portion of the Terminal A/B pedestrian connector), and the Murphy Terminal Buildings. The survey included the inspection/assessment for Asbestos Containing Materials (ACM), Lead Based/Containing Paint (LBP), and PCB Containing Materials (PCB), as well as an inventory of other hazardous/regulated items associated with the property. Sampling reports/data previously conducted were utilized to the extent verifiable.

Connecticut licensed/EPA-trained asbestos inspectors from TRC conducted visual inspections and physical assessments of suspect asbestos containing materials (ACM) on the interior and exterior building components in accordance with USEPA AHERA/NESHAP protocols. Bulk samples of suspect materials were collected, properly transferred using chain-of-custody forms, and were brought to TRC's laboratory for analysis via polarized light microscopy (PLM) with visual area estimate (vae) techniques (EPA 600/R-93/116). Select non-friable organically bound (NOB) material samples (i.e. floor tiles, mastics, glazes/caulks, etc.) were sent out for transmission electron microscopy (TEM) EPA NOB 600/R-93/116 methods as appropriate in accordance with EPA and CTDPH analytical protocols. ACM was identified as noted in the following summaries. ACM to be impacted by demolition activities must be removed prior to disturbance in accordance with OSHA, USEPA, CTDPH, and CTDEEP standards for asbestos abatement/disposal.

Connecticut licensed/EPA trained lead inspectors from TRC conducted a screening for lead based/containing paint throughout the interior and exterior of all building sections using an on-site x-ray fluorescence (XRF) lead detector. Varying levels of lead were identified as noted in the following summaries. Exposure levels for lead in the construction industry are regulated by OSHA 29 CFR 1926.62. Construction activities disturbing surfaces containing lead paint which are likely

to be employed, such as grinding, cutting, and demolishing have been known to expose workers to airborne levels of lead in excess of the permissible exposure limit (PEL). The Contractor shall conduct demolition work in conformance with the OSHA regulations, utilizing engineering controls and personal protective equipment.

Disposal of construction waste containing lead paint is subject to regulation under both the CTDEEP Hazardous and Special Waste Management (22a-209-1 through 16; 22a-449(c)-11; 22a-449(c)-13; 22a-449(c)-100 through 110; and 22a-454) and USEPARCRA Hazardous Waste Management (40 CFR Parts 260 through 274) regulations. However, toxicity characteristic leaching procedure (TCLP) testing of the non-metallic building components was generally not warranted, as the majority of the non-metallic components contained lead paint levels below 1.0 mg/cm^2 and therefore can be presumed as non-hazardous C&D waste under the January 26, 2004 clarification memo from CTDEEP. Those few non-metallic components with lead paint identified over 1.0 mg/cm^2, were representatively sampled for TCLP analysis and also characterized as non-hazardous C&D waste. Further, metal is exempt from regulation under the CTDEEP/USEPA Hazardous Waste Regulations, regardless of lead content, provided it is properly recycled as scrap metal. The Contractor shall recycle any lead painted metal at an approved scrap metal recycling facility.

Painted brick/concrete with any detectable amount of lead must meet certain testing requirements under the CTDEEP Remediation Standard Regulations (RSR's), before being allowed for reuse on-site or recycling. Representative samples of the painted materials were therefore collected and analyzed for lead following the synthetic precipitation leaching procedure (SPLP) and total metals procedure's for comparison with the RSRs, in an effort to determine if the materials met the CTDEEP definition of "clean fill" and therefore determine the recyclability of the materials to promote LEED/Green waste minimization efforts. SPLP/total lead analysis indicated the majority of the painted brick/concrete materials can be recycled/reused as CTDEEP "clean fill", with the exception of some painted brick in the Murphy Terminal which must be managed as C&D solid waste, as noted in the following summaries.

TRC inspectors also conducted a visual inventory inspection to identify and quantify other potentially hazardous or regulated materials, wastes or items within the on-site buildings. Items inventoried included materials such as mercury fluorescent lamps, PCB ballasts, mercury thermostat ampoules, exit signs emergency lights, CFC containing devices, used electronic devices, batteries, etc. Hazardous/regulated materials/wastes/items visually identified were then categorized according to their potential hazard. Numerous types of potentially hazardous/regulated materials/wastes/items were identified in the site buildings, including substantial quantities of universal waste lamps (Hg), ballasts (PCB, DEHP& Electronic), universal waste used electronic devices (printed circuit boards) and CFC-containing devices, among others. These materials will require proper collection, packing, handling, transport and disposal/recycling prior to building demolition in accordance with EPA RCRA and CTDEEP waste disposal standards.

TRC's on-site inspectors further conducted a visual inspection and bulk sampling of suspect PCB containing caulking and glazing on interior/exterior components of Terminal B. (Note: the portions of the building which were constructed post 1979 (IAB pedestrian connector to Terminal A) were not included in the scope of the sampling, as they were constructed after the EPA 1979 ban on PCB production. Bulk samples from the remaining portions of the building were collected following a sample strategy similar to the EPA's simplified sampling scheme for ACM under the direction of TRC's CIH and CHMM. The samples were then sent to a CTDPH accredited laboratory for PCB analysis via EPA method 8082, with EPA Method 3540c, Soxhlet extraction. Caulks/glazes containing PCB were identified and characterized as both CT Regulated Waste (CRW) (>1<50 ppm) and EPA PCB Bulk Product Waste (BPW) (>50ppm) as noted in the following summaries. Caulks/glazes regulated by the EPA/CTDEEP are unauthorized uses and require proper removal/disposal prior to full demolition.

Based on the results of the bulk sampling of the suspect PCB containing caulks and glazing, which indicated both CTDEEP and EPA regulated PCB materials were present, TRC then implemented sampling programs to identify any PCB migration impact into both the surrounding porous substrate building materials and surrounding soils. Limited representative samples of building materials substrates were collected from each PCB caulk/substrate combination at varying distances from the

subject caulked seams to assess potential impact into the respective porous substrate materials. Sampling was conducted following protocols from EPA 40 CFR 761 Subpart N for site characterization of PCB Remediation Waste, modified to reduce the maximum sampling efforts down from the prescribed 1 sample per 10 linear feet while obtaining reliable representative data and meeting the 3 samples per caulk/substrate combination requirement. Samples were collected at depths of ½ inch at each representative location following the EPA Region 1 Standard Operating Procedures for Sampling Concrete. Building substrate sampling was not performed for PCB materials associated with either non-porous substrates only, or substrates which would be completely removed during the bulk product remediation. Representative samples of soil/surface cover were also collected directly beneath horizontal and vertical applications of PCB caulks or glazing. Samples were collected a distance of 1 foot from the base of the building, or bulk PCB containing material, at 10 foot intervals (for horizontal applications) and beneath vertical applications following protocols from EPA 40 CFR 761 Subpart N. All soil samples were collected as grab samples of a soil interval not to exceed 3" in depth. All substrate/soil/surface cover samples were sent to a CTDPH accredited laboratory for PCB analysis via EPA Method 8082, with EPA Method 3540c, soxhlet extraction. Analytical results indicated both porous substrate and soil impact as noted in the following summaries. Removal and disposal of the impacted materials will be required, along with substrate/soil verification sampling to ensure all PCB impact is remediated in accordance with CTDEEP and EPA requirements.

PROJECT OUTLINE

Project Address:	Bradley International Airport – Terminal B Concourse A, Concourse B, International Arrivals Building (IAB), Murphy Terminal Windsor Locks, CT
DOT Project No.:	165-393
Assignment No.:	504-4445
.	
DOT Project Manager:	Amie Maines, P.E.
TRC Project No.:	183572-4445-0710
TRC Project Manager:	Erik Plimpton
TRC Task Manager:	Henry Laliberte
Asbestos Inspectors:	Gregory Kaczynski (LIC #000550) Michael Kostruba (LIC #000694) Thomas Martin (LIC #000014)
PCB/HazMat Inspectors:	Gregory Kaczynski Michael Kostruba Thomas Martin Henry Laliberte Zachary Pedersen Robert Misbach
Lead Inspectors:	Robert Misbach (LIC #002188) Gregory Kaczynski (LIC #002158) Thomas Martin (LIC #002079) Michael Kostruba (LIC #002207)
Dates of Inspection:	October 2012-December 2012 July 2013-October 2013

CONCOURSE A SUMMARY

Concourse A was a 1965 addition to the North corner of the Francis S. Murphy Terminal. It was originally a single-story brick structure but since then, an extension has been added to the SW corner of the ground floor along with a full second level. There are also ten boarding ramps attached to the concourse. Other than two small mechanical rooms (only accessible from the exterior), Concourse A has no basement level. The ground floor is mainly offices while the 1st floor is predominantly airline gates and boarding areas. The exterior of the upper level has brick walls which are covered with styrofoam insulation. Concourse A is approximately 47, 800 SF.

Below is a brief summary of the hazardous material inspection findings in Concourse A:

ACM: Floor tiles/mastics, linoleum, various types of glue daubs, various types of caulking and window glazing, sink undercoating, duct sealants, pipe gaskets, textured coating, spray-on fireproofing insulation, mudded fittings, fire door insulation, insulation materials within transformers, circuit boxes & electrical equipment, roofing materials, flashing, expansion joint materials, tar pipe material and structural column tar.

Detailed results of the asbestos survey can be found in Tables 1A-3A and Appendices D and E.

LBP: Low levels (<1.0 mg/cm^2) of lead paint were identified on various non-metallic components in the concourse. Higher levels (>1.0 mg/cm^2) of lead paint were identified on metal components such as structural columns and a window lentil.

Detailed results of the lead based/containing paint screening can be found in Table 4A and Appendix F.

Building Waste Characterization:	As all XRF readings on non-metal surfaces tested <1.0 mg/cm^2, the general non-metallic building waste is characterized as non-hazardous C&D waste per the CTDEEP memo dated January 26, 2004. All metal waste, regardless of lead content, can be recycled as scrap metal. Painted concrete masonry units (CMU) at the Concourse with detectable amounts of lead were tested and characterized as CTDEEP "clean fill" and can be recycled. *Detailed results of the waste characterization sampling can be found in Table 5A as well as Appendix G.*
Haz./Reg. Waste:	Numerous types of potentially hazardous/regulated materials/wastes/items were identified in the Concourse. Of note: hydraulic systems on 10 boarding ramps. *See Table 6A for a detailed inventory.*
PCB Caulks & Glazes:	EPA Regulated Bulk Product Waste (≥ 50 ppm): C12, CC1&WCa CTDEEP Regulated Materials (>1<50 ppm): C5, C8, C9, C10, WG1 Unregulated Materials (<1 ppm): C1, C3, C4, C7, C11, C13-C16, SC1, SC2, WG2, DWG1-5 *Detailed Results of the PCB caulks and glazing samples can be found in Tables 7A and 8Aas well as Appendix H.*
PCB Impacted Substrate & Ground Cover:	PCB regulated caulks were found to impact adjacent porous building substrates; while no impact was found to exterior ground cover/soil materials directly beneath horizontal and vertical applications. *A summary of substrate and ground cover sampling results can be found in Tables 9A-11A as well as Appendix I.*

Additional Notes: Guano can be found on all roof areas and in the boarding ramps. A total of seven (7) core samples were taken from the ground and first floor concrete slabs and no ACM materials were identified beneath the slabs.

CONCOURSE B SUMMARY

Concourse B was a 1965 addition to the East corner of the Francis S. Murphy Terminal. It is a single-story brick structure. There have been two boarding ramp additions to the east end of the structure with metal boarding ramps attached. Other than two small mechanical rooms (only accessible from the exterior), Concourse B has no basement level. Concourse B is a mix of offices and airplane boarding areas. There have also been extensive cosmetic renovations to the interior and building envelope. Window systems have been completely covered on the interior and exterior with sheetrock and styrofoam insulation in multiple areas. The exterior of the upper walls are covered with styrofoam insulation. Concourse B is approximately 18,000 SF.

Below is a brief summary of the hazardous material inspection findings in Concourse B.

ACM: Floor tiles/mastics, various types of glue daubs, various types of caulking and window glazing, mudded fitting insulation/debris, pipe flange gaskets, fire door insulation, insulation materials within transformers, circuit boxes & electrical equipment, roofing materials, flashing, and tar pipe material.
Detailed results of the asbestos survey can be found in Tables 1B-3B and Appendices D and E.

LBP: Low levels (<1.0 mg/cm^2) of lead paint were identified on various components such as metal columns & beams and cmu walls. Higher levels (>1.0 mg/cm^2) of lead paint were identified on metal components such as structural columns and beams.
Detailed results of the lead based/containing paint screening can be found in Table 4B and Appendix F.

Building Waste Characterization: As all XRF readings on non-metal surfaces tested <1.0 mg/cm^2, the general non-metallic building waste is characterized as non-hazardous C&D

waste per the CTDEEP memo dated January 26, 2004. All metal waste, regardless of lead content, can be recycled as scrap metal. Painted concrete block walls at the Concourse with detectable amounts of lead were tested and characterized as CTDEEP "clean fill" and can be recycled.

Detailed results of the waste characterization sampling can be found in Table 5B as well as Appendix G.

Haz./Reg. Waste: Numerous types of potentially hazardous/regulated materials/wastes/items were identified in the Concourse. Of note: hydraulic systems on two boarding ramps.

See Table 6B for a detailed inventory.

PCB Caulks & Glazes: EPA Regulated Bulk Product Waste (≥ 50 ppm): CC1, C1, C4, C8, WG2, WG3, WG4

CTDEEP Regulated Materials (>1<50 ppm): C2, C3, C5, C6, C10, C11, WG1, SI1

Unregulated Materials (<1 ppm): C7-*concourse A*, C9, C12, DWG1, SI2

Detailed Results of the PCB caulks and glazing samples can be found in Tables 7B and 8B as well as Appendix H.

PCB Impacted Substrate & Ground Cover: PCB regulated caulks were found to impact adjacent porous building substrates; while no impact was found to exterior ground cover/soil materials directly beneath horizontal and vertical applications.

A summary of substrate and ground cover sampling results can be found in Tables 9B-11B as well as Appendix I.

Additional Notes: Guano can be found on all roof areas and in the boarding ramps. A total of four (4) core samples were taken from the concrete slabs and no ACM materials were identified beneath the slabs.

IAB SUMMARY

The International Arrivals Building (IAB) was a 1971 addition to the southeast end of the Francis S. Murphy Terminal. IAB has two levels and a partial basement and was constructed of brick and concrete. There are two boarding ramps on the east side of the building. The ground floor is a mix of offices, garage bays, customs and baggage claim areas with luggage conveyor belts running above the drop ceilings throughout. The first floor consists mainly of airplane boarding areas and a long public corridor. Several garage bays were added to the north corner and a stair tower (that connects to a boarding ramp) was also added on the east side of the building. There is a mechanical room on the northwest end of the ground floor from which the basement/tunnel area can be accessed. There have been renovations to both the interior and exterior of the building. The exterior of the 1st floor public side walls are covered with styrofoam insulation. There is also a metal canopy covering the upper & lower entry roofs. The Terminal A-B connector (a long hallway) was added after the construction of Terminal A (post 1979) to the south end of IAB. IAB is approximately 42,000 SF.

Below is a brief summary of the hazardous material inspection findings in IAB.

ACM: Floor tiles/mastics, cove base glues, various types of glue daubs, various types of caulking and window glazing, sink undercoating, duct sealants, spray-on fireproofing insulation/debris, textured coating on concrete deck, mudded fittings/debris, pipe insulation, fire door insulation, boiler insulation, insulation materials within transformers & circuit boxes, tar adhesive wrap on A/C unit pipes, generator muffler insulation, mudded roof drains, pipe flange gaskets, roofing materials, flashing and caulk on exterior doors &windows.

Detailed results of the asbestos survey can be found in Tables 1C-3C and Appendices D and E.

LBP: Low levels (<1.0 mg/cm^2) of lead paint were identified on various

components such as metal columns, sheetrock walls, plaster walls, metal conveyors and a metal HVAC pipe. Higher levels (>1.0 mg/cm^2) of lead paint were identified on concrete wheelchair ramps as well as metal components such as a column barrier and ramp railings.

Detailed results of the lead based/containing paint screening can be found in Table 4C and Appendix F.

Building Waste Characterization: As nearly all XRF readings on non-metal surfaces tested <1.0 mg/cm^2, the general non-metallic building waste represented by those readings is characterized as non-hazardous C&D waster per the CTDEEP memo dated January 26, 2004. The exterior concrete material represented by the wheel chair ramp XRF reading which was above 1.0 mg/cm^2, was included in a combined TCLP waste stream characterization sample with components from the Murphy Terminal which were also above 1.0 mg/cm^2, and analysis also characterized those materials as non-hazardous C&D waste. - See Table 5D. All metal waste, regardless of lead content, can be recycled as scrap metal.

Detailed results of the waste characterization sampling can be found in Table 5C as well as Appendix G.

Haz./Reg. Waste: Numerous types of potentially hazardous/regulated materials/wastes/items were identified in the IAB space. Of note: hydraulic systems on two boarding ramps, elevator oil reservoir, grease on conveyor belt wheels, water/grease pool under conveyor belt, oil/water separator unit and CFC's/Freon in HVAC/chiller units.

See Table 6C for a detailed inventory.

PCB Caulks & Glazes: EPA Regulated Bulk Product Waste (≥ 50 ppm): C2, C4B, WG1, WG4

CTDEEP Regulated Materials (>1<50 ppm): C3, C4A, C4D, C5, C6, C7, C8, WG1A, WG3, WG5, DWG2)

Unregulated Materials (<1 ppm): C1, C4C, WG2, DWG1

Detailed Results of the PCB caulks and glazing samples can be found in Tables 7C and 8C as well as Appendix H.

PCB Impacted Substrate & Ground Cover:	PCB regulated caulk/glazings were found to impact adjacent porous building substrates and exterior ground cover/soil materials directly beneath horizontal and vertical applications. *A summary of substrate and ground cover sampling results can be found in Tables 9C-11C as well as Appendix I.*

Additional Notes: Guano can be found on all roof areas. A total of twelve (12) core samples were taken from the ground and 1st floor concrete slabs and no ACM materials were identified beneath the slabs. No core samples were taken in the basement/tunnel area.

MURPHY TERMINAL SUMMARY

The Francis S. Murphy Terminal of Bradley International Airport opened in 1952 and henceforth, will be referred to as the Murphy Terminal. The Murphy Terminal has a basement (with tunnels), ground floor, 1st – 4th floors, penthouse and control tower. The Murphy Terminal is a predominantly brick structure which has undergone extensive renovations. There is a partial basement with a boiler room from which the tunnels can be accessed. Tunnels can be accessed through multiple hatches on the ground floor as well. Portions of the northwest half of the basement appear to be an addition. The ground floor consists of three baggage claim areas, multiple offices, storage areas and bay areas. Large sections of this floor have had additions and renovations. The first floor has a long public corridor, ticketing areas, bathrooms, stores, restaurants and multiple office areas. There have been extensive interior renovations and multiple additions on the air side of the building. The second floor consists of a kitchen area, bathrooms and offices. The southeast half of the floor is currently occupied by the state police (SP) and referenced as so in the report. There have been renovations throughout the second floor. The third floor consists entirely of office space and the northwest third of the floor was an addition. The fourth floor is mostly mechanical equipment. The fan and machine room on the northwest end of the building is an addition. The penthouse and control tower each consist of a single room. The exterior walls of the basement are brick. The ground floor exterior airside walls are a combination of brick and concrete while the exterior public side walls are concrete with Styrofoam insulation (2" thick) covering them. The first floor public side exterior walls are brick with Styrofoam insulation (2" thick) covering them. The first floor airside exterior walls and all exterior walls on the 2nd floor through penthouse level are covered with a solid metal paneling that is bolted into the brick surface. A metal canopy covers the 1st floor entry roof, a portion of the 1st floor east of SP roof and some of the sidewalk on the public side of the terminal. To the exterior public side of the Murphy Terminal, there is a road on both the ground floor and first floor which runs its length. Beyond the road, there is an escalator platform in front of the main entrance with a bus waiting area on each side (ground level). On the ground level, there are a few mechanical rooms underneath the exterior road towards the northwest end of the terminal. The Murphy Terminal is approximately 123,000 SF.

Below is a brief summary of the hazardous material inspection findings in Murphy Terminal.

ACM: Floor tiles/mastics, leveler, cove base/glue, various types of glue daubs, tar daubs, various types of caulking and window glazing, duct sealants, pipe penetration sealants, various types of tar vapor barrier, black tar galbestos coating, transite panels, fibrous tar pipe material, road drain material, pipe flange gaskets, duct gaskets, cloth flex connectors, white wire insulation, spray-on fireproofing insulation, boiler insulation, mudded fittings, various types of pipe insulation/duct insulation, roof drain insulation, fire door insulation, radiator insulation, fibrous packing material, insulation materials within HVAC unit, circuit boxes, transformers & electrical equipment, white flue caulk, rope gasket, roofing materials, flashings, tar pipe material, debris on metal duct and pre-fabricated wall insulation.

Detailed results of the asbestos survey can be found in Tables 1D-3D and Appendices D and E.

LBP: Low levels (<1.0 mg/cm^2) of lead paint were identified on various metallic and non-metallic components in the terminal. Higher levels (>1.0 mg/cm^2) of lead paint were identified on various non-metallic components such as concrete walls, plaster walls and asphalt road markings. Higher levels (>1.0 mg/cm^2) of lead paint were identified on various metallic components such as structural columns/beams, stair components, cabinets and light posts.

Detailed results of the lead based/containing paint screening can be found in Table 4D and Appendix F.

Building Waste Characterization: A TCLP waste stream characterization sample of non-metallic components with elevated lead levels (>1 mg/cm^2) was analyzed and determined to be non-hazardous C&D waste. As all <u>other</u> XRF readings on non-metallic surfaces tested <1.0 mg/cm^2, the remaining general non-metallic building

waste is characterized as non-hazardous C&D waste per the CTDEEP memo dated January 26, 2004. All metal waste, regardless of lead content, can be recycled as scrap metal. Painted brick walls in the Electrical Switchboard Room (ESB1), Boiler Room 150 and Room 151 in the basement were tested and found to exceed acceptable CTDEEP levels and cannot be used as clean fill or recycled. The remaining painted brick/concrete with detectable amounts of lead was tested and characterized as CTDEEP clean fill and can be recycled. Chimney ash waste was also sampled from the basement boiler room 150 was found to be non-RCRA non-hazardous waste.

Detailed results of the waste characterization sampling can be found in Table 5D as well as Appendix G.

Haz./Reg. Waste: Numerous types of potentially hazardous/regulated materials/wastes/items were identified in the concourse. Of note: compressor oil, $C0_2$ cylinders, CFC's/Freon in HVAC/AC units, three (3) above ground fuel storage tanks, hydraulic oil reservoirs for two (2) elevators, a dumb waiter and a wheel chair elevator,

See Table 6D for a detailed inventory.

PCB Caulks & Glazes: EPA Regulated Bulk Product Waste (≥ 50 ppm): C23, WG4, WG12, WG16, WCA-*Concourse A*, C2-*IAB*

CTDEEP Regulated Materials (>1<50 ppm): C1, C2, C3, C7, C8, C12, C13, C15, C20, C21, C25, C26, C32, C33, WG1, WG1A, WG2, WG5, WG6, WG7, WG14, DWG1, DWG4, WG5A, C36, SI1, C11-*Concourse B*, WG1-*Concourse A*

Unregulated Materials (<1 ppm):C4, C9, C11, C14, C16, C17, C18, C22, C22A, C24, C37, C28, C29, C31, WG3, WG8, WG9, WG12A, WG13, DWG5, DWG7, C22B, C34, C35, C31A, WG10

Detailed Results of the PCB caulks and glazing samples can be found in

Tables 7D and 8D as well as Appendix H.

PCB Impacted Substrate & Ground Cover:	PCB regulated caulks were found to impact adjacent porous building substrates; while no impact was found to exterior ground cover/soil materials directly beneath horizontal and vertical applications. *A summary of substrate and ground cover sampling results can be found in Tables 9D-11D as well as Appendix I.*

Additional Notes: Guano can be found on all roof areas. A total of thirty-seven (37) core samples were taken in the basement, ground floor and 1st – 3rd floor concrete slabs and no ACM materials were identified beneath the slabs. No core samples were taken in the tunnels, the 4th floor or penthouse. There appears to be a capped oil fuel line in room 155 of basement which may run to an underground storage tank.

TABLES

TABLE 1A BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
CONCOURSE A			
01	1st Floor DAL G4	Shr1 - white joint compound	ND<1%
01		Shr1 - gray sheetrock	ND<1%
02	1st Floor Security Area	Shr1 - white joint compound	ND<1%
02		Shr1 - gray sheetrock	ND<1%
03	Gr.Fl. Women's E	Shr2 - Brown sheetrock/no JC	ND<1%
04	Gr.Fl. Men's F	Shr2 - Brown sheetrock/no JC	ND<1%
05	Gr.Fl Room 94, Mech.	Pl1 – dark gray skim coat	ND<1%
05		Pl1 - Light gray base coat	ND<1%
06	Gr.Fl Room 94, Mech.	Pl1 – dark gray skim coat	ND<1%
06		Pl1 - Light gray base coat	ND<1%
07	Gr.Fl Room 94, Mech.	Pl1 – dark gray skim coat	ND<1%
07		Pl1 - Light gray base coat	ND<1%
08	Gr. Fl stairwell 94	Pl2 - white Skim coat	ND<1%
08		Pl2 - gray base coat	ND<1%
09	Gr. Fl stairwell 94	Pl2 - white Skim coat	ND<1%
09		Pl2 - gray base coat	ND<1%
10	Gr. Fl stairwell 94	Pl2 - white Skim coat	ND<1%
10		Pl2 - gray base coat	ND<1%
11	1st Fl. Paradies Gift	Gr1 Blue/green between12x12 stone panels on center facade	ND<1%
12	1st Fl. Paradies Gift	Gr1 Blue/green between12x12 stone panels on center facade	ND<1%
13	1st Men's	Gr2 white grout bet. 4x4 ceramic wall tile	ND<1%
14	1st Fl. Women's 2	Gr2 white grout bet. 4x4 ceramic wall tile	ND<1%
15	1st Fl. Women's 2	Gr3 Gray grout assoc. w/2 in. ceramic floor tile	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
16	1st Fl. Women's	Gr3 Gray grout assoc. w/2 in. ceramic floor tile	ND<1%
17	1st Fl. Janitor's Closet	Gr4a Light Gray Grout bet. Multi sized sm. ceramic tile	ND<1%
18	1st Fl. Janitor's Closet	Gr4a Light Gray Grout bet. Multi sized sm. ceramic tile	ND<1%
19	1st Fl. Janitor's Closet	Gr4b Dark Gray Grout under Multi sized sm. ceramic tile	ND<1%
20	1st Fl. Janitor's Closet	Gr4b Dark Gray Grout under Multi sized sm. ceramic tile	ND<1%
21	1st Fl. Host Bar	Gr5a Maroon Grout bet. 4 in. x 8 in. ceramic floor Tile	ND<1%
22	1st Fl. Host Bar	Gr5a Maroon Grout bet. 4 in. x 8 in. ceramic floor. Tile	ND<1%
23	1st Fl. Host Bar	Gr5b Lt. Gray Grout under 4 in. x 8 in. ceramic floor. Tile	ND<1%
24	1st Fl. Host Bar	Gr5b Lt. Gray Grout under 4 in. x 8 in. ceramic floor Tile	ND<1%
25	1st Fl. Women's 2	Gr6 Lt. Gray Grout/paper und. 2 in. ceramic floor Tile	ND<1%
26	1st Fl. Women's 2	Gr6 Lt. Gray Grout/paper und. 2 in. ceramic floor Tile	ND<1%
27	Grnd. Fl. Hall o/s 116 BSX	Gr7a White Grout bet. 4 in. ceramic Wall base	ND<1%
28	Grnd. Fl. Hall o/s 116 BSX	Gr7a White Grout bet. 4 in. ceramic Wall base	ND<1%
29	Grnd. Fl. Hall o/s 116 BSX	Gr7b Gray Grout behind 4 in. ceramic Wall base	ND<1%
30	Grnd. Fl. Hall o/s 116 BSX	Gr7b Gray Grout behind 4 in. ceramic Wall base	ND<1%
31	Grnd. Fl. Women's E	Gr8 Gray Grout assoc. w/.75x.75 in. ceramic floor Tile	ND<1%
32	Grnd. Fl. Women's E	Gr8 Gray Grout assoc. w/.75x.75 in. ceramic floor Tile	ND<1%
33	Grnd. Fl. Women's E	Gr9a White Grout bet. 4 in. x 4 in. ceramic Wall Tile	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
34	Grnd. Fl. Men's F	Gr9a White Grout bet. 4 in. x 4 in. ceramic Wall Tile	ND<1%
35	Grnd. Fl. Women's E	Gr9b White Grout und. 4 in. x 4 in. ceramic Wall Tile	ND<1%
36	Grnd. Fl. Men's F	Gr9b White Grout und. 4 in. x 4 in. ceramic Wall Tile	ND<1%
37	1st Fl. Near Gate B3/DAL	CB1 beige glue	ND<1%[1]
37		CB1 4 in. dark Blue Cove Base	ND<1%[1]
38	1st Fl. Near Gate B3/DAL	CB1 beige glue	ND<1%
38		CB1 4 in. dark Blue Cove Base	ND<1%
39	1st Walkway o/s Men's	CB2 Brown Glue	ND<1%[1]
39		CB2 4 in. Brown Cove Base (no lip)	ND<1%[1]
40	1st Fl. DAL	CB2 Brown Glue	ND<1%
40		CB2 4 in. Brown Cove Base (no lip)	ND<1%
41	1st Fl. Paradies Gift	CB3 cream glue	ND<1%[1]
41		CB3 4 in. Gray Cove Base	ND<1%[1]
42	1st Fl. B4 Boarding Ramp	CB3 cream glue	ND<1%
42		CB3 4 in. Gray Cove Base	ND<1%
43	1st Fl. Room 106	CB4 White glue	ND<1%[1]
43		CB4 4 in. Brown Cove Base	ND<1%[1]
44	1st Fl. Room 106	CB4 White glue	ND<1%
44		CB4 4 in. Brown Cove Base	ND<1%
45	1st Fl. B5 Boarding Ramp	CB5 white stretchy glue	ND<1%[1]
45		CB5 Black 4 in. Cove Base	ND<1%[1]
46	1st Fl. B5 Boarding Ramp	CB5 white stretchy glue	ND<1%
46		CB5 Black 4 in. Cove Base	ND<1%
47	1st Fl. Security Lobby	CB6 cream glue	ND<1%[1]
47		CB6 6 in. Blue Cove Base	ND<1%[1]

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
48	1st Fl. Security Lobby	CB6 cream glue	ND<1%
48		CB6 6 in. Blue Cove Base	ND<1%
49	Gr. Fl. 117A	CB7 Yellow Glue	ND<1%[1]
49		CB7 4 in. Gray Cove Base	ND<1%[1]
50	Gr. Fl. 117A	CB7 Yellow Glue	ND<1%
50		CB7 4 in. Gray Cove Base	ND<1%
51	Gr. Fl. Hallway o/s N. Stairwell	CB8 Tan Glue	ND<1%[1]
51		CB8 4 in. brown Cove Base	ND<1%[1]
52	Gr. Fl. G-05	CB8 Tan Glue	ND<1%
52		CB8 4 in. brown Cove Base	ND<1%
53	Gr. Fl. AAL Rm. 138	CB9 Tan/brown Glue	Trace Anthophyllite ND<1%[1]
53		CB9 4 in. Gray/Blue Cove Base	ND<1%[1]
54	Gr. Fl. AAL Rm. 139	CB9 Tan/brown Glue	Trace Anthophyllite
54		CB9 4 in. Gray/Blue Cove Base	ND<1%
55	G. Fl. Room 106	CB10 Brown/cream Glue	ND<1%[1]
55		CB10 4 in. Pink/maroon Cove Base	ND<1%[1]
56	Gr. Fl. Room 107	CB10 Brown/cream Glue	ND<1%
56		CB10 4 in. Pink/maroon Cove Base	ND<1%
57	Gr. Fl. Room 103B	CB11 Yellow Glue	ND<1%[1]
57		CB11 4 in. dark Blue Cove Base	ND<1%[1]
58	Gr. Fl. Room 103B	CB11 Yellow Glue	ND<1%
58		CB11 4 in. dark Blue Cove Base	ND<1%
59	Gr. Fl. Room 103	CB12 Beige Glue	ND<1%[1]
59		CB12 6 in. Cove Base	ND<1%[1]

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
60	Gr. Fl. Room 103	CB12 Beige Glue	ND<1%
60		CB12 6 in. Cove Base	ND<1%
61	1st Fl. Room 106	CT1 2x4 Comma/Pinhole Ceiling Tile	ND<1%
62	Gr. Fl. Room 117A	CT1 2x4 Comma/Pinhole Ceiling Tile	ND<1%
63	Gr. Fl. G-06	CT3 2x4 sm. Pinhole w/sm. Numerous wormhole	ND<1%
64	Gr. Fl. G-06	CT3 2x4 sm. Pinhole w/sm. Numerous wormhole	ND<1%
65	1st Fl. Room 106	CT4 2x4 lg. Wormhole/Pinhole Ceiling Tile	ND<1%
66	1st Fl. Room 105	CT4 2x4 lg. Wormhole/Pinhole Ceiling Tile	ND<1%
67	Gr. Fl. Hallway o/s Room 97	CT5 2x4 Clean Pinhole/sm. Dash Ceiling Tile	ND<1%
68	Gr. Fl. Hallway o/s Room 97	CT5 2x4 Clean Pinhole/sm. Dash Ceiling Tile	ND<1%
69	Gr. Fl. 103B	CT6 2x4 Clean Pinhole/Wormhole Ceiling Tile	ND<1%
70	Gr. Fl. 103B	CT6 2x4 Clean Pinhole/Wormhole Ceiling Tile	ND<1%
71	1st Fl. State Room	CT7 2x2 Coarse/Pinhole Ceiling Tile	ND<1%
72	1st Fl. State Room	CT7 2x2 Coarse/Pinhole Ceiling Tile	ND<1%
73	1st Fl. Gate 2 Hallway	CT8 2x2 Heavy Coarse/Pinhole Ceiling Tile	ND<1%
74	1st Fl. Gate 2 Hallway	CT8 2x2 Heavy Coarse/Pinhole Ceiling Tile	ND<1%
75	DAL Storage Room	FT1 Black Mastic	20% Chrysotile
75		FT1 12x12 Tan w/Brown Striations	3% Chrysotile
76	DAL Storage Room	FT1 Black Mastic	NA/PS
76		FT1 12x12 Tan w/Brown Striations	NA/PS
77	1st Fl. AAL	FT2 Black Mastic	10% Chrysotile
77		FT2 white Floor Tile	ND<1%[1]

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
78	1st Fl. AAL	FT2 Black Mastic	NA/PS
78		FT2 white Floor Tile	ND<1%
79	Gr. Fl. Room 116	FT3 Black Mastic	5.96% Chrysotile[1]
79		FT3 Thin Gray Floor Tile	3% Chrysotile
80	Gr. Fl. Room 116	FT3 Black Mastic	ND<1%
80		FT3 Thin Gray Floor Tile	NA/PS
81	1st Fl. Stairwell	FT3a 12x12 Tan Confetti Self Stick Floor Tile	ND<1%[1]
82	1st Fl. Stairwell B	FT3a 12x12 Tan Confetti Self Stick Floor Tile	ND<1%
83	Gr. Fl. Room 116	FT4 Tan Mastic	ND<1%[1]
83		FT4 Cream Floor Tile	Trace Chrysotile[1]
84	Gr. Fl. Room 116	FT4 Tan Mastic	ND<1%
84		FT4 Cream Floor Tile	ND<1%
85	Gr. Fl. G-04	FT5 Black Mastic	ND<1%[1]
85		FT5 9x9 Thin Tan w/brown Streaks	3% Chrysotile
86	Gr. Fl. G-04	FT5 Black Mastic	ND<1%
86		FT5 9x9 Thin Tan w/brown Streaks	NA/PS
87	Gr. Fl. G-10	FT6 Black Mastic	ND<1%[1]
87		FT6 12x12 Mottled Gray	ND<1%[1]
88	Gr. Fl. G-10	FT6 Black Mastic	ND<1%
88		FT6 12x12 Mottled Gray	ND<1%
89	Gr. Fl. Room 97	FT7 12x12 white w/Blue Confetti Pattern (no Glue)	ND<1%[1]
90	Gr. Fl. Room 97	FT7 12x12 white w/Blue Confetti Pattern (no Glue)	ND<1%
91	Gr. Fl. Room 103	FT8 Black Mastic	2.93% Chrysotile[1]
91		FT8 12x12 White Stone Pattern	ND<1%[1]

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
92	Gr. Fl. Room 103	FT8 Black Mastic	Trace Chrysotile
92		FT8 12x12 White Stone Pattern	ND<1%[+]
93	1st Fl. Near Gate B3 Walkway	G1 Yellow Glue Under Gray Leveler	ND<1%[1]
94	1st Fl. DAL	G1 Yellow Glue Under Gray Leveler	ND<1%
95	1st Fl. Paradies Gift	G2 brown Glue Behind 4 in. Wood Baseboard	ND<1%[1]
96	1st Fl. Paradies Gift	G2 brown Glue Behind 4 in. Wood Baseboard	ND<1%
97	1st Fl. Paradies Gift	G3 Cream Glue Behind 12x12 Stone Panels (counter)	ND<1%[1]
98	1st Fl. Paradies Gift	G3 Cream Glue Behind 12x12 Stone Panels (counter)	ND<1%
99	1st Fl. Host Bar	G4 Black Residual Glue Daubs Behind Mirrors	30% Chrysotile
100	1st Fl. Host Bar	G4 Black Residual Glue Daubs Behind Mirrors	NA/PS
101	1st Fl. Host Bar	G5 Tan Glue Behind 8 in. ceramic Wall Base on Facade	ND<1%[1]
102	1st Fl. Host Bar	G5 Tan Glue Behind 8 in. ceramic Wall Base on Facade	ND<1%
103	1st Fl. Room 106	G6 brown Glue under Windowsill Particle Board	4.53% Chrysotile[1]
104	1st Fl. Room 106	G6 brown Glue under Windowsill Particle Board	ND<1%[+]
105	1st Fl. Room 106A	G7 Tan Glue assoc. w/CB4	ND<1%[1]
106	1st Fl. AAL	G7 Tan Glue assoc. w/CB4	ND<1%
107	1st Fl. AAL Area	G8 Tan Glue under CB2	ND<1%[1]
108	1st Fl. AAL Area	G8 Tan Glue under CB2	ND<1%
109	1st Fl. Stairwell A	G9 Black Mastic	6.62% Chrysotile[1]
110	1st Fl. Stairwell A	G9 Black Mastic	ND<1%[+]
111	1st Fl. B7 Boarding Ramp	G10 Beige/Brown Glue Under Rubber Tread	ND<1%[1]

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
112	1st Fl. B9 Boarding Ramp	G10 Beige/Brown Glue Under Rubber Tread	ND<1%
113	1st Fl. B7 Boarding Ramp	G11 brown Glue Under Rubber Tread	ND<1%[1]
114	1st Fl. B7 Boarding Ramp	G11 brown Glue Under Rubber Tread	ND<1%
115	1st Fl. B10 Boarding Ramp	G12 Tan Glue Under Rubber Tread	ND<1%[1]
116	1st Fl. B10 Boarding Ramp	G12 Tan Glue Under Rubber Tread	ND<1%
117	1st Fl. B1 Boarding Ramp	G13 brown Stretchy Glue Under Rubber Tread	ND<1%[1]
118	1st Fl. B1 Boarding Ramp	G13 brown Stretchy Glue Under Rubber Tread	ND<1%
119	Gr. Fl. Room 117	G14 Super Sticky Yellow Cove Base Glue	ND<1%[1]
120	Gr. Fl. Room 117	G14 Super Sticky Yellow Cove Base Glue	ND<1%
121	Gr. Fl. Women's E	G14a Yellow Glue Connectors Between Gr8 Tiles	ND<1%[1]
122	Gr. Fl. Women's E	G14a Yellow Glue Connectors Between Gr8 Tiles	ND<1%
123	Gr.Fl. Hallway 93A	G15 brown/Yellow Glue Under Rubber Tread	2.63% Chrysotile[1]
124	Gr.Fl. Hallway 93A	G15 brown/Yellow Glue Under Rubber Tread	ND<1%[+]
125	Gr.Fl. Room 92	G16 Tan Glue Behind Counter/Wall	ND<1%[1]
126	Gr.Fl. Room 92	G16 Tan Glue Behind Counter/Wall	ND<1%
127	Gr. Fl. Room 111B	G17 Yellow Residual Glue on Wall	ND<1%[1]
128	Gr. Fl. Room 111B	G17 Yellow Residual Glue on Wall	ND<1%
129	1st Floor DAL	WPG1 Tan Wall Panel Glue on Plastic Corner Trim	ND<1%[1]
130	1st Floor Walkway	WPG1 Tan Wall Panel Glue on Plastic Corner Trim	ND<1%
131	1st Floor DAL	WPG2 white Wall Panel Glue Behind white Panel	ND<1%[1]
132	1st Floor DAL	WPG2 white Wall Panel Glue Behind white Panel	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
133	1st Fl. Near Gate 4 DAL	WPG3 Lt. brown Wall Panel Glue (between sheetrock layers)	ND<1%[1]
134	1sr Floor DAL	WPG3 Lt. brown Wall Panel Glue (between sheetrock layers)	ND<1%
135	1st Floor AA Near Gate B6	WPG3a Tan Glue Behind Carpet Wall Surface	6.09% Anthophyllite[1]
136	1st Floor AA Near Gate B6	WPG3a Tan Glue Behind Carpet Wall Surface	ND<1%[+]
137	1st Floor Security Area	WPG4 white Grayish Glue Under Plastic Wall Panel	ND<1%[1]
138	1st Floor Security Area	WPG4 white Grayish Glue Under Plastic Wall Panel	ND<1%
139	1st Floor Security Area	WPG5 Tan Glue Between sheetrock Wall Panels	ND<1%[1]
140	1st Floor Security Area	WPG5 Tan Glue Between sheetrock Wall Panels	ND<1%
141	1st Floor Security Area	WPG6 Yellow Glue Behind Chair Rail (4 In. High)	ND<1%[1]
142	1st Floor Security Area	WPG6 Yellow Glue Behind Chair Rail (4 In. High)	ND<1%
143	Gr. Fl. Room 97	WPG7 Cream Glue Behind white Plastic Wall Panel	ND<1%[1]
144	Gr. Fl. Room 103B	WPG7 Cream Glue Behind white Plastic Wall Panel	ND<1%
145	1st Fl. DAL Gate B3 Door	C1 Gray Flexible Sticky Caulk	ND<1%[1]
146	1st Fl. DAL	C1 Gray Flexible Sticky Caulk	ND<1%
147	1st Fl. AA Gate 5	C3 Gray Flexible Caulk	ND<1%[1]
148	1st Fl. AA Gate 5	C3 Gray Flexible Caulk	ND<1%
149	1st Fl. Women's 2	C4 Tan Caulk Around Sink Counter Top	10.20% Anthophyllite[1]
150	1st Fl. Women's 2	C4 Tan Caulk Around Sink Counter Top	ND<1%[+]
151	1st Fl. Security Area	C5 Black Pliable Caulk on ceramic Wall Tile	28.48% Anthophyllite[1]
152	Gr. Fl. Janitor's Closet	C5 Black Pliable Caulk on ceramic Wall Tile	Trace Anthophyllite[+]

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
153	Gr. Fl. Utility rm near Locker rm	C6 Gray Pliable Caulk *(C6 has been re-characterized as CC1 and will be referred to as CC1 in other tables and drawings)*	20.20% Anthophyllite[1]
154	Gr. Fl. Hallway Ramp Area	C6 Gray Pliable Caulk *(C6 has been re-characterized as CC1 and will be referred to as CC1 in other tables and drawings)*	Trace Anthophyllite[+]
155	Gr. Room 111A	C7 white Flexible Caulk	ND<1%[1]
156	Gr. Room 111A	C7 white Flexible Caulk	ND<1%
157	Gr. Fl. Hallway o/s G-04	DS1 Yellow Glue Under Fiberglass Duct Insulation	1.82% Anthophyllite[1]
158	Gr. Fl. Room 117A	DS1 Yellow Glue Under Fiberglass Duct Insulation	ND<1%[+]
159	Gr. Fl. G-04	DS2 white Seam Sealant o/s Fiberglass Duct Seams	ND<1%[1]
160	Gr. Fl. G-04	DS2 white Seam Sealant o/s Fiberglass Duct Seams	ND<1%
161	Gr. Fl. G-04	DS3 brown/orange glue between layers of Otr. Duct Ins.	ND<1%[1]
162	Gr. Fl. G-04	DS3 brown/orange glue between layers of Outr. Duct Ins.	ND<1%
163	Gr. Fl. 110 Mech. Room	DS4 Black Sticky Putty Seam Sealant on HVAC 1	ND<1%[1]
164	Gr. Fl. 110 Mech. Room	DS4 Black Sticky Putty Seam Sealant on HVAC 1	ND<1%
165	Gr. Fl. 110 Mech. Room	DS5 Black Putty Seam Sealant on HVAC 2	ND<1%[1]
166	Gr. Fl. 110 Mech. Room	DS5 Black Putty Seam Sealant on HVAC 2	ND<1%
167	Gr. Fl. 115 A	DS6 Hard Brittle Yellow Caulk on Duct Sealant	7.45% Anthophyllite[1]
168	Gr. Fl. 115 A	DS6 Hard Brittle Yellow Caulk on Duct Sealant	Trace Chrysotile[+]
169	1st Floor Near Gate B3 DAL	CG1 Yellow Carpet Glue	ND<1%[1]

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
170	1st Floor AA Area	CG1 Yellow Carpet Glue	ND<1%
171	1st Floor Near Gate B3 Walkway	CG2 Green Carpet Glue	ND<1%[1]
172	1st Floor AA Walkway	CG2 Green Carpet Glue	ND<1%
173	1st Floor B7 Boarding Ramp	CG3 Orange Clear Super Sticky Carpet Glue	ND<1%[1]
174	1st Floor B7 Boarding Ramp	CG3 Orange Clear Super Sticky Carpet Glue	ND<1%
175	1st Floor B7 Boarding Ramp	CG4 Yellow Carpet Glue	1.27% Chrysotile[1]
176	1st Floor B7 Boarding Ramp	CG4 Yellow Carpet Glue	ND<1%[+]
177	Gr. Fl. Room 117	CG5 Cream Carpet Glue	ND<1%[1]
178	Gr. Fl. Room 117	CG5 Cream Carpet Glue	ND<1%
179	Gr. Fl. Room 116	CG6 Yellow Carpet Glue	ND<1%[1]
180	Gr. Fl. Room 116	CG6 Yellow Carpet Glue	ND<1%
181	1st Fl. Men's	CTG1 white Hard Glue Behind 4x4 in. ceramic Wall Tile	ND<1%[1]
182	1st Fl. Men's	CTG1 white Hard Glue Behind 4x4 in. ceramic Wall Tile	ND<1%
183	1st Women's 2	CTG2 Tan Glue Behind 4x4 in. ceramic Wall Tile	ND<1%[1]
184	1st Women's 2	CTG2 Tan Glue Behind 4x4 in. ceramic Wall Tile	ND<1%
185	1st Fl. Near Gate B3 Walkway	Lev1 Gray soft Leveler	ND<1%
186	1st Fl. DAL	Lev1 Gray soft Leveler	ND<1%
187	1st Fl. Security Area	Lev2 Gray/Yellow Material	ND<1%
188	1st Fl. Security Area	Lev2 Gray/Yellow Material	ND<1%
189*	1st Fl. B1 Boarding Ramp	TC1 Beige Textured Coating	6.5% Chrysotile
190	1st Fl. B1 Boarding Ramp	TC1 Beige Textured Coating	NA/PS
191	1st Fl. B1 Boarding Ramp	TC1 Beige Textured Coating	NA/PS
192	1st Fl. Walkway Near Women's	WCG1 Yellow Wall Carpet Glue	ND<1%[1]
193	1sr Fl. Security Area	WCG1 Yellow Wall Carpet Glue	ND<1%

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TABLE 1A BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
194	1sr Fl. Security Area	WG1 Interior Gray Pliable Glaze on 4x4 Windows	ND<1%[1]
195	Gr. Fl. Room 117A	WG1 Interior Gray Pliable Glaze on 4x4 Windows	ND<1%
196	Gr. Fl. Room 97	WG2 Gray Pliable Glaze on Interior Windows	Trace Chrysotile[+]
197	Gr. Fl. Room 97	WG2 Gray Pliable Glaze on Interior Windows	2.12% Chrysotile[1]
198	1s Fl. Stairwell	DWG1 Black Putty Window Glaze on 1x1 door Window	10% Chrysotile
199	Gr. Fl. Door to North Stairwell	DWG1 Black Putty Window Glaze on 1x1 door Window	NA/PS
200	1st Fl. B10 Boarding Ramp	DWG2 White Semi-Putty on 2x3 door Window	ND<1%
201	1st Fl. B10 Boarding Ramp	DWG2 White Semi-Putty on 2x3 door Window	ND<1%[1]
202	Gr. Fl. Room 113	DWG3 Black Putty 2x3 door window	19.27% Chrysotile[1]
203	Gr. Fl. Room 113	DWG3 Black Putty 2x3 door window	ND<1%[+]
204	1st Fl. Host Bar	SU1 Dark Brown Sink Undercoating	ND<1%[1]
205	1st Fl. Host Bar	SU1 Dark Brown Sink Undercoating	ND<1%
206	Gr. Fl Room 92	SU2 Black Sink Undercoating	ND<1%[1]
207	Gr. Fl Room 92	SU2 Black Sink Undercoating	ND<1%
208	1st Fl. Room 106	SU3 White Sink Undercoating	ND<1%[1]
209	1st Fl. Room 106	SU3 White Sink Undercoating	ND<1%
210	1st Fl. Women's	VB1 Dark Flexible Vapor Barrier Under Gr3	ND<1%
211	1st Fl. Women's	VB1 Dark Flexible Vapor Barrier Under Gr3	ND<1%
212	1st Fl. Host Bar	VB2 Greenish Paper Barrier Under Counter top	ND<1%
213	1st Fl. Host Bar	VB2 Greenish Paper Barrier Under Counter top	ND<1%
214	Gr. Fl. Gate B7A	FS1 Dark brown Fire Stop Around Elec. Conduits	ND<1%[1]

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TABLE 1A BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
215	Gr. Fl. Room 103	FS1 Dark brown Fire Stop Around Elec. Conduits	ND<1%
216	Gr. Fl. Room 103	FS2 Red Flexible Fire Penetration Caulk	ND<1%[1]
217	Gr. Fl. Room 103	FS2 Red Flexible Fire Penetration Caulk	ND<1%
218	Gr. Fl. Room 117A	PC1 Black Tar/Foil on Fiberglass Pipe Insulation	Trace Chrysotile[1]
219	Gr. Fl. Room 110 Mech. Room	PC1 Black Tar/Foil on Fiberglass Pipe Insulation	ND<1%
220	Gr. Fl. Room 116	PC2 Black Tar/Foil on 2 in o/d Tan Paper Water Line	ND<1%[1]
221	Gr. Fl. Room 116	PC2 Black Tar/Foil on 2 in o/d Tan Paper Water Line	ND<1%
222	Gr. Fl. G-04	PS1 white Seam Sealant on F/G/PVC Insulation Seams	ND<1%[1]
223	Gr. Fl. G-04	PS1 white Seam Sealant on F/G/PVC Insulation Seams	ND<1%
224	Gr. Fl. 110 Mech. Room	PS1 white Seam Sealant on F/G/PVC Insulation Seams	ND<1%
225	Gr. Fl. G-04	CI1 white CalSil Block Insulation	ND<1%
226	Gr. Fl. G-04	CI1 white CalSil Block Insulation	ND<1%
227	Gr. Fl. Hallway Ramp Area	CI1 white CalSil Block Insulation	ND<1%
228	1st Fl. BSX Area	M1 Thin Black Floor Coating (not Sticky)	20% Chrysotile
229	1st Fl. BSX Area	M1 Thin Black Floor Coating (not Sticky)	NA/PS
230	Gr. Fl. Room 106	M2 Residual Black Mastic	5% Chrysotile
231	Gr. Fl. Room 107	M2 Residual Black Mastic	NA/PS
232	1st Fl. DAL	FL1 Black Remnant Flashing Tar on Metal Column (1 Ft. Off Floor)	20% Chrysotile
233	1st Fl. Hall o/s Room 106	FL1 Black Remnant Flashing Tar on Metal Column (1 Ft. Off Floor)	NA/PS
234	Gr. Fl. Women's E	TR1 Black Tar Flashing Remnant	ND<1%[1]

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TABLE 1A BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
235	Gr. Fl. Women's E	TR1 Black Tar Flashing Remnant	ND<1%
236	Gr. Fl. G-04	MI1 Gray Mud on CI1	ND<1%
237	Gr. Fl. G-04	MI1 Gray Mud on CI1	ND<1%
238	Gr. Fl. G-04	MI1 Gray Mud on CI1	ND<1%
239	Gr. Fl. – room 112B	LIN1-biege small stone pattern linoleum (glue too thin to sample)	60% Chrysotile
240	Gr. Fl. – room 112B	LIN1-biege small stone pattern linoleum (glue too thin to sample)	NA/PS
241	Gr. Fl. – room 112B	SU4-pink sink undercoating	5% Chrysotile
242	Gr. Fl. – room 112B	SU4-pink sink undercoating	NA/PS
243	Gr. Fl. – room 112B	WPG8-beige glue behind counter wall panel	ND<1%[1]
244	Gr. Fl. – room 112B	WPG8-beige glue behind counter wall panel	ND<1%
245	Gr. Fl. – room 112A	FT9-black mastic	6.86% Chrysotile[1]
245		FT9-9"x9" thin white floor tile	5% Chrysotile
246	Gr. Fl. – room 112A	FT9-black mastic	ND<1%
246		FT9-9"x9" thin white floor tile	NA/PS
247	Exterior	EJ1 Black rubbery expansion joint material	6.01% Chrysotile[1]
248	Exterior	EJ1 Black rubbery expansion joint material	ND<1%
249	Exterior	EJ2 Black brittle tar-like material between concrete pad floor joints	ND<1%[1]
250	Exterior	EJ2 Black brittle tar-like material between concrete pad floor joints	ND<1%
251	Exterior	EJ3 Black hard expansion joint material above TVB1	3.17% Chrysotile[1]
252	Exterior	EJ3 Black hard expansion joint material above TVB1	ND<1%
253	Exterior	PM1 Black fibrous tar pipe material	4.45% Chrysotile[1]
254	Exterior	PM1 Black fibrous tar pipe material	ND<1%

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TABLE 1A BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
255	Exterior boarding ramp B8	DT1 Black flashing tar at door seam	ND<1%[1]
256	Exterior boarding ramp B8	DT1 Black flashing tar at door seam	ND<1%
257	Exterior	ST1 –small stone/grey grout material	ND<1%
258	Exterior	ST1 –small stone/grey grout material	ND<1%
259	Exterior	ST2–small stone/grey grout material(patch)	ND<1%
260	Exterior	ST2–small stone/grey grout material(patch)	ND<1%
261	Exterior	RG1 creamy-yellow (hard ext/soft int) glue under lower metal flashing	ND<1%[1]
262	Exterior	RG1 creamy-yellow (hard ext/soft int) glue under lower metal flashing	ND<1%
263	Exterior	TVB1 Black fibrous tar material	ND<1%[1]
264	Exterior	TVB1 Black fibrous tar material	ND<1%
265	Exterior	TVB2 Tar covering copper	ND<1%[1]
266	Exterior	TVB2 Tar covering copper	ND<1%
267	Lower roof	HM1 – grey tacky foam-like material between HVAC seams	ND<1%[1]
268	Lower roof	HM1 – grey tacky foam-like material between HVAC seams	ND<1%
269	Exterior	G1A Light gray sticky glaze behind vertical metal frame pieces between windows	10% Chrysotile
270	Exterior	G1A Light gray sticky glaze behind vertical metal frame pieces between windows	NA/PS
271	Area A roof	RPS1 Hard pipe seam sealant	5% Chrysotile
272	Area A roof	RPS1 Hard pipe seam sealant	NA/PS
273	Exterior B6 boarding ramp	DWG5 hard grey glaze on door window (*mislabeled DWG2 on ACM COC)*	3% Chrysotile
274	Exterior B6 boarding ramp	DWG5 hard grey glaze on door window (*mislabeled DWG2 on ACM COC)*	NA/PS
275	Exterior	DWG4 Gray putty door window glaze	ND<1%[1]

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TABLE 1A BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
276	Exterior	DWG4 Gray putty door window glaze	ND<1%
277	Exterior (concourse B materials)	C7 White flexible caulk	ND<1%[1]
278	Exterior	C7 White flexible caulk	ND<1%
279	Exterior	C8 Dark gray crumbly soft daub under 4" metal windowsill	4.58% Chrysotile[1]
280	Exterior	C8 Dark gray crumbly soft daub under 4" metal windowsill	ND<1%
281	Exterior	C9 Light gray hard flex caulk	Trace Anthophyllite[1]
282	Exterior	C9 Light gray hard flex caulk	ND<1%
283	Exterior	C10 Silver brittle crumbly caulk	5% Chrysotile
284	Exterior	C10 Silver brittle crumbly caulk	NA/PS
285	Exterior	C11 White brittle caulk	10% Anthophyllite
286	Exterior	C11 White brittle caulk	NA/PS
287	Exterior	C12 Gray hard layered brittle caulk	10% Anthophyllite
288	Exterior	C12 Gray hard layered brittle caulk	NA/PS
289	Exterior	C13 Light gray powdery surface sticky caulk	ND<1%[1]
290	Exterior	C13 Light gray powdery surface sticky caulk	ND<1%
291	Upper roof	C14 Light gray flexible stretchy caulk on vents	ND<1%[1]
292	Upper roof	C14 Light gray flexible stretchy caulk on vents	ND<1%
293	Upper roof	C15 Black flexible caulk on parapet seams	ND<1%[1]
294	Upper roof	C15 Black flexible caulk on parapet seams	ND<1%
295	Lower roof	C16 Gray flexible somewhat crumbly caulk	Trace Chrysotile[1]
296	Lower roof	C16 Gray flexible somewhat crumbly caulk	ND<1%

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TABLE 1A BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
Samples Taken September/October 2013			
1	Location #5 – NW o/s room G06	CF1-copper flashing w/thin layer of black tar	ND<1%
2	Location #11 – NE o/s room 141B	CF1-copper flashing w/thin layer of black tar	ND<1%[1]
3	Location #10 – SW o/s room 92	CF2-copper flashing w/thick layer of black tar	ND<1%
4	Location #8 – SW o/s room 98	CF2-copper flashing w/thick layer of black tar	ND<1%[1]
5	Location #4 – NW o/s room G08	CBT1-black column base tar	ND<1%
6	Location #4 – NW o/s room G08	CBT1-black column base tar	3.43% Chrysotile[1]
1 – 9/6/13	Room 98	Tar coating on I-beam	ND<1%
2 – 9/6/13	Room 98	Tar coating on I-beam	Trace chrysotile[1]
3 – 9/6/13	Exterior – west side 25'from building	EJ1 – black rubberized expansion joint material between concrete slabs	ND<1%
4 – 9/6/13	Exterior – west side 25'from building	EJ1 – black rubberized expansion joint material between concrete slabs	ND<1%[1]
1 – 9/26/13	Ground floor –Room 105	CC1 – grey pliable caulk on columns	9.88% anthophyllite[1]
2 – 9/26/13	Ground floor	CC1 – grey pliable caulk on columns	Trace anthophyllite
9 – 10/1/13	Ground floor hallway outside 112D	FVB5 – black plastic-like floor vapor barrier	ND<1%
10 – 10/1/13	Ground floor Room 111A	FVB5 – black plastic-like floor vapor barrier	ND<1%[1]

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TABLE 1B BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
CONCOURSE B			
01	Room 147	G1 Hard beige glue under windowsill	ND<1%[1]
02	Room 147	G1 Hard beige glue under windowsill	ND<1%
03	Room 147	G2 Yellow glue assoc. w/16x16 rubber tread flooring	ND<1%[1]
04	Room 147	G2 Yellow glue assoc. w/16x16 rubber tread flooring	ND<1%
05	BHEE	G3 Beige pliable sheetrock glue to mirror in wall	ND<1%[1]
06	BHEE	G3 Beige pliable sheetrock glue to mirror in wall	ND<1%
07	BHEE	G4 Brown mirror glue on sheetrock wall	ND<1%[1]
08	BHEE	G4 Brown mirror glue on sheetrock wall	ND<1%
09	Secure Corridor	G5 Tan glue behind sheetrock covered columns	Trace Anthophyllite[1]
10	Secure Corridor	G5 Tan glue behind sheetrock covered columns	ND<1%
11	Ground Floor Public corridor	G6 Gray glue behind plastic wall coverings	ND<1%[1]
12	Ground Floor Public corridor	G6 Gray glue behind plastic wall coverings	ND<1%
13	Ground Floor Public corridor	G7 Tan brittle glue behind sheetrock walls	ND<1%[1]
14	Ground Floor Public corridor	G7 Tan brittle glue behind sheetrock walls	ND<1%
15	Ground Floor Public corridor	G8 Cream glue behind plastic wall panel	ND<1%[1]
16	Ground Floor Public corridor	G8 Cream glue behind plastic wall panel	ND<1%
17	Ground Floor Public corridor	G9 Dark cream glue under brick ceramic floor tile	ND<1%[1]
18	Ground Floor Public corridor	G9 Dark cream glue under brick ceramic floor tile	ND<1%
19	Ground Floor Room 124b	G10 Tan glue under slate window sills	ND<1%[1]

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TABLE 1B BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
20	Ground Floor Room 124b	G10 Tan glue under slate window sills	ND<1%
21	Ground Floor Men's room	G11 White glue behind 4" ceramic wall tile patch	ND<1%[1]
22	Ground Floor Men's room	G11 White glue behind 4" ceramic wall tile patch	ND<1%
23	Ground Floor Room 123c	G12 Yellow glue behind 2" ceramic wall tiles	ND<1%[1]
24	Ground Floor Room 123c	G12 Yellow glue behind 2" ceramic wall tiles	ND<1%
25	Ground Floor TWA Holdroom	G13 Yellow glue between sheetrock walls	ND<1%[1]
26	Ground Floor TWA Holdroom	G13 Yellow glue between sheetrock walls	ND<1%
27	Concourse B Ext.	G14 Gray sticky glue (thin) under vertical metal frame piece between individual windows	10% Chrysotile
28	Concourse B Ext.	G14 Gray sticky glue (thin) under vertical metal frame piece between individual windows	NA/PS
29	Room 147	C1 Beige pliable interior door caulk	4.39% Chrysotile[1]
30	Room 147	C1 Beige pliable interior door caulk	ND<1%[+]
31	Ext. on vent	C2 Interior tan putty-like window caulk	10% Anthophyllite
32	Ext. on vent	C2 Interior tan putty-like window caulk	NA/PS
33	Ground Floor TWA Holding area	C3 White flexible caulk	ND<1%[1]
34	Ground Floor TWA Holding area	C3 White flexible caulk	ND<1%
35	Concourse B exterior	C4 Gray hard surface semi-flexible	3% Chrysotile
36	Concourse B exterior	C4 Gray hard surface semi-flexible	NA/PS
37	Concourse B exterior	C5 Brittle silver caulk (white flakes visible)	5% Chrysotile
38	Concourse B exterior	C5 Brittle silver caulk (white flakes visible)	NA/PS

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TABLE 1B BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
39	Concourse B exterior	C6 Dark gray crumbly soft (daub) caulk under 4" metal window sill.	4.03% Chrysotile[1]
40	Concourse B exterior	C6 Dark gray crumbly soft (daub) caulk under 4" metal window sill.	Trace Chrysotile[+]
41	Concourse B exterior	C7 light gray flexible w/lighter powdery surface (on new exterior surfacing material)	ND<1%[1]
42	Concourse B exterior	C7 light gray flexible w/lighter powdery surface (on new exterior surfacing material)	ND<1%
43	Concourse B exterior	C8 Dark gray hard (slight flex) caulk (around old marble lower window panes)	Trace Anthophyllite[1]
44	Concourse B exterior	C8 Dark gray hard (slight flex) caulk (around old marble lower window panes)	ND<1%
45	Concourse B exterior boarding ramp	C9 White semi-flexible caulk	ND<1%[1]
46	Concourse B exterior boarding ramp	C9 White semi-flexible caulk	ND<1%
47	Concourse B exterior	C10 Light gray very flexible (powder snap) Caulk	ND<1%[1]
48	Concourse B exterior	C10 Light gray very flexible (powder snap) Caulk	ND<1%
49	Concourse B exterior	C11 Light flex caulk on ground Concrete slab seams	ND<1%[1]
50	Concourse B exterior	C11 Light flex caulk on ground Concrete slab seams	ND<1%
51	Ground Floor Men's room	WB1 Gray hard wall board	ND<1%
52	Ground Floor Men's room	WB1 Gray hard wall board	ND<1%
53	Ground Floor Public corridor	Gr1 Maroon grout between/under brick cer. floor tile	ND<1%
54	Ground Floor Public corridor	Gr1 Maroon grout between/under brick cer. floor tile	ND<1%
55	Ground Floor Room 124b	Gr2 Gray grout w/white specks between slate stone window sills	ND<1%
56	Ground Floor Room 124b	Gr2 Gray grout w/white specks between slate stone window sills	ND<1%

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TABLE 1B BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
57	Ground Floor Men's room	Gr3 Gray grout between/under 3/4" ceramic floor tiles	ND<1%
58	Ground Floor Men's room	Gr3 Gray grout between/under 3/4" ceramic floor tiles	ND<1%
59	Ground Floor Men's room	Gr4a White grout between 4" ceramic wall tile	ND<1%
60	Ground Floor Men's room	Gr4a White grout between 4" ceramic wall tile	ND<1%
61	Ground Floor Men's room	Gr4b White grout behind 4" ceramic wall tile	ND<1%
62	Ground Floor Men's room	Gr4b White grout behind 4" ceramic wall tile	ND<1%
63	Ground Floor Room 123c	Gr5 Light gray grout between 2" ceramic wall tile	ND<1%
64	Ground Floor Room 123c	Gr5 Light gray grout between 2" ceramic wall tile	ND<1%
65	Ground Floor Public corridor	DS1 Yellow glue on gray duct fiberglass cover	ND<1%[1]
66	Ground Floor Public corridor	DS1 Yellow glue on gray duct fiberglass cover	ND<1%
67	LMA	DS2 Black/gray surface putty flex between Duct unit seams	ND<1%[1]
68	LMA	DS2 Black/gray surface putty flex between Duct unit seams	ND<1%
69	LMA	DS3 gray putty sealant between Duct unit seam	ND<1%[1]
70	LMA	DS3 gray putty sealant between Duct unit seam	ND<1%
71	LMA	DS4 Gray flex putty between Duct unit seams	ND<1%[1]
72	LMA	DS4 Gray flex putty between Duct unit seams	ND<1%
73	LMA	DS5 Tan crumbly sealant between Trane duct seam	ND<1%[1]
74	LMA	DS5 Tan crumbly sealant between Trane duct seam	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
75	Room 147	CB1 4” black cove base	ND<1%[1]
76	Room 147	CB1 4” black cove base	ND<1%
77	Secure corridor	CB2 6” blue cove base	ND<1%[1]
78	Secure corridor	CB2 6” blue cove base	ND<1%
79	Room 130	CB3 4” beige cove base	ND<1%[1]
80	Room 130	CB3 4” beige cove base	ND<1%
81	Room 127	CB4 4” blue cove base	ND<1%[1]
82	Room 127	CB4 4” blue cove base	ND<1%
83	TWA Gate B17	CB5 6” gray cove base	ND<1%[1]
84	TWA Gate B17	CB5 6” gray cove base	ND<1%
85	Room 147	CBG1 beige glue	ND<1%[1]
86	Room 130	CBG1 beige glue	ND<1%
87	Room 133	CBG2 Dark olive brittle cove base glue	ND<1%[1]
88	Room 133	CBG2 Dark olive brittle cove base glue	ND<1%
89	Room 130	CBG3 Tan stretchy cove base glue	ND<1%[1]
90	Room 130	CBG3 Tan stretchy cove base glue	ND<1%
91	TWA Gate B17	CBG4 Yellow thin cove base glue	ND<1%[1]
92	TWA Gate B17	CBG4 Yellow thin cove base glue	ND<1%
93	Room 133	FT1 black mastic	Trace Chrysotile[1]
		FT1 Thin gray floor tile	12.41% Chrysotile[1]
94	Room 133	FT1 black mastic	ND<1%
		FT1 Thin gray floor tile	Trace Chrysotile[+]
95	Room 132	FT2 yellow glue	ND<1%[1]
		FT2 12x12 white w/black streak floor tile	ND<1%[1]

NA/PVA Not analyzed/positive via inseparable association with a confirmed positive ACM
NA/PS Not analyzed/positive stop, homogeneous to sample proven to contain asbestos
ND<1% Non-detected, less than 1%
NAD No asbestos detected
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1 Result confirmed by TEM analyses
* Quantified by PLM Point Counting techniques

TABLE 1B BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
96	Room 132	FT2 yellow glue	ND<1%
		FT2 12x12 white w/black streak floor tile	ND<1%
97	Room 127	FT3 yellow glue	1.18% Chrysotile[1]
		FT3 12x12 lt. gray w/striations floor tile	3% Chrysotile
98	Room 127	FT3 yellow glue	ND<1%[+]
		FT3 12x12 lt. gray w/striations floor tile	NA/PS
99	Room 147	CG1 Tan semi-pliable carpet glue	ND<1%[1]
100	Room 147	CG1 Tan semi-pliable carpet glue	ND<1%
101	Room 123a	SU1 White sink undercoating	ND<1%[1]
102	Room 123a	SU1 White sink undercoating	ND<1%
103	Room 147	Lev1 Gray levelastic	ND<1%
104	Room 147	Lev1 Gray levelastic	ND<1%
105	Secure Corridor	Lev2 Off-white levelastic	ND<1%
106	Secure Corridor	Lev2 Off-white levelastic	ND<1%
107	BHEE	FBGLT1 Fiberglass board with tar paper	Trace Chrysotile[1]
108	BHEE	FBGLT1 Fiberglass board with tar paper	ND<1%
109	Exterior	Shr1 Light brown sheetrock behind ST1 covering	ND<1%
110	Exterior	Shr1 Light brown sheetrock behind ST1 covering	ND<1%
111	Room 147	CT1 2x2 small worm pinhole ceiling tiles	ND<1%
112	Room 147	CT1 2x2 small worm pinhole ceiling tiles	ND<1%
113	Room 130	CT2 2x4 wormhole pinhole ceiling tiles	ND<1%
114	Room 130	CT2 2x4 wormhole pinhole ceiling tiles	ND<1%
115	Room 1 Utility	FS1 Brown firestop	ND<1%[1]
116	Room 1 Utility	FS1 Brown firestop	ND<1%

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NA/PS Not analyzed/positive stop, homogeneous to sample proven to contain asbestos
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NAD No asbestos detected
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1 Result confirmed by TEM analyses
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TABLE 1B BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
117	Concourse B exterior	TVB1 Black fibery vapor barrier (3/4" Thick)	ND<1%[1]
118	Concourse B exterior	TVB1 Black fibery vapor barrier (3/4" Thick)	ND<1%
119	Concourse B exterior	T1 Tar vapor barrier along ext. of ground at foundation	ND<1%[1]
120	Concourse B exterior	T1 Tar vapor barrier along ext. of ground at foundation	ND<1%
121	Exterior B20 boarding ramp	DWG1 Black stretchy door window glaze	ND<1%[1]
122	Exterior B20 boarding ramp	DWG1 Black stretchy door window glaze	ND<1%
123	LMA	EC1 White flaky end cap insulation	ND<1%
124	LMA	EC1 White flaky end cap insulation	ND<1%
125	Concourse B exterior	PM1 Black tar/fibery pipe material	5.84% Chrysotile[1]
126	Concourse B exterior	PM1 Black tar/fibery pipe material	ND<1%[+]
127	Concourse B exterior	WG1 Interior and exterior gray brittle window glaze	4.61% Chrysotile[1]
128	Concourse B exterior	WG1 Interior and exterior gray brittle window glaze	ND<1%[+]
129	TWA Holding area	WG2 Black flex-putty glaze on new windows	20.47% Chrysotile[1]
130	TWA Holding area	WG2 Black flex-putty glaze on new windows	ND<1%[+]
131	Concourse B exterior	WG3 White outer/gray inner window glaze	ND<1%[1]
132	Concourse B exterior	WG3 White outer/gray inner window glaze	ND<1%
133	Concourse B exterior	WG4 Dark gray (slight silverish) glaze on windows	ND<1%[1]
134	Concourse B exterior	WG4 Dark gray (slight silverish) glaze on windows	ND<1%
135	Secure corridor	PI1 Canvas/tar foil wrap on fiberglass insulation	ND<1%

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NAD No asbestos detected
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TABLE 1B BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
136	Secure corridor	PI1 Canvas/tar foil wrap on fiberglass insulation	ND<1%
137	Secure corridor	PI1 Canvas/tar foil wrap on fiberglass insulation	ND<1%
138	Room 130	PI2 Canvas/tar foil on fiberglass pipe insulation (Larger line)	ND<1%
139	Room 130	PI2 Canvas/tar foil on fiberglass pipe insulation (Larger line)	ND<1%
140	Room 130	PI2 Canvas/tar foil on fiberglass pipe insulation (Larger line)	ND<1%
141	LMB	PS 1 White seam sealant on fiberglass/PVC pipe insulation	ND<1%[1]
142	LMB	PS 1 White seam sealant on fiberglass/PVC pipe insulation	ND<1%
143	Concourse B Exterior	ST1 Stone/gray stucco like wall covering	ND<1%
144	Concourse B Exterior	ST1 Stone/gray stucco like wall covering	ND<1%
145	B20 boarding ramp – storage 1	C12-grey tacky flexible caulk	ND<1%[1]
146	B20 boarding ramp – storage 1	C12-grey tacky flexible caulk	ND<1%
147	B20 boarding ramp	CB6-4” grey covebase	ND<1%[1]
148	B20 boarding ramp	CB6-4” grey covebase	ND<1%
149	B20 boarding ramp	CT3-2’x4’ thin divot/pinhole ceiling tile	ND<1%
150	B20 boarding ramp	CT3-2’x4’ thin divot/pinhole ceiling tile	ND<1%
151	B20 metal boarding ramp	G15-brown glue under rubber floor tread	ND<1%[1]
152	B20 metal boarding ramp	G15-brown glue under rubber floor tread	ND<1%
153	B20 metal boarding ramp	G16-yellow carpet glue	ND<1%[1]
154	B20 metal boarding ramp	G16-yellow carpet glue	ND<1%
155	B 17 ramp roof	RG1 – yellow glue under rubber tread roofing material	ND<1%[1]
156	B 17 ramp roof	RG1 – yellow glue under rubber tread roofing material	ND<1%
157	Ground floor – room 129	FT4 –black mastic	20% Chrysotile
157		FT4 – 12x12 black floor tile	ND<1%[1]

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TABLE 1B BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
158	Ground floor – room 129	FT4 –black mastic	ND/PS
158		FT4 – 12x12 black floor tile	ND<1%
Samples Taken September/October 2013			
1 – 9/5/13	Loc #5 NE – outside TWA Hold Room	CBT1 – black column base tar	ND<1%
2 – 9/5/13	Loc #5 NE – outside TWA Hold Room	CBT1 – black column base tar	ND<1%[1]
3 – 9/5/13	Loc #2 SC – outside Room 123D	VB1 – tan paper vapor barrier	ND<1%
4 – 9/5/13	Loc #2 SC – outside Room 123D	VB1 – tan paper vapor barrier	ND<1%
1 – 9/26/13	TWA Holding	CC1 – grey pliable caulk on columns	12.32% anthophyllite[1]
2 – 9/26/13	Near NW entrance	CC1 – grey pliable caulk on columns	Trace anthophyllite

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TABLE 1C BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
IAB			
01	Ground Fl. Room 156	CT1- 2x2 comma/pinhole ceiling tile	ND<1%
02	Room 8B	CT1- 2x2 comma/pinhole ceiling tile	ND<1%
03	Ground fl. Room 167	CT2- 2x2 divot/multi pinhole size ceiling tile	ND<1%
04	Gr. FL. Stairwell #1	CT2- 2x2 divot/multi pinhole size ceiling tile	ND<1%
05	Gr. Fl. Room 169	CT3- 1x1 canyon pattern spline ceiling tile	ND<1%
06	Room 172	CT3- 1x1 canyon pattern spline ceiling tile	ND<1%
07	Room 172a	CT4- 2x4 comma/pinhole ceiling tile	ND<1%
08	Room 172a	CT4- 2x4 comma/pinhole ceiling tile	ND<1%
09	Room 172	CT5- 1x1 spline snowflake pattern ceiling tile	ND<1%
10	Room 172	CT5- 1x1 spline snowflake pattern ceiling tile	ND<1%
Samples 11 – 20 were added to a separate chain of custody.			
21	Room 171a	FT1- orange glue	ND<1%
21		FT1- 12x12 brown w/dark and light brown confetti floor tile	ND<1%[1]
22	Room 171a	FT1- orange glue	ND<1%
22		FT1- 12x12 brown w/dark and light brown confetti floor tile	ND<1%
268	Ground floor – rm 171A	Orange glue associated w/ FT1 (sample #21)	Trace Chrysotile[1]
23	Room 171a	FT2- black mastic	10% Chrysotile
23		FT2- 9x9 off white floor tile	3% Chrysotile
24	Room 171a	FT2- black mastic	NA/PS
24		FT2- 9x9 off white floor tile	NA/PS

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TABLE 1C BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
25	Room 8a	FT 3- black mastic	ND<1%[1]
25		FT 3- 12x12 white w/gray confetti pattern floor tile	ND<1%[1]
26	Room 8a	FT 3- black mastic	ND<1%
26		FT 3- 12x12 white w/gray confetti pattern floor tile	ND<1%
27	Room 8a	FT4- black mastic *(same mastic as FT3 – No sample sent for TEM analysis)*	ND<1%
27		FT4- 12x12 pale green confetti pattern floor tile	ND<1%[1]
28	Room 8a	FT4- black mastic	ND<1%
28		FT4- 12x12 pale green confetti pattern floor tile	ND<1%
29	Baggage claim	FT5- black mastic	10% Chrysotile
29		FT5- 12x12 light brown w/small white and dark brown streaks floor tile	3% Chrysotile
30	Baggage claim	FT5- black mastic	NA/PS
30		FT5- 12x12 light brown w/small white and dark brown streaks floor tile	NA/PS
31	Room 166	CB1- 6” brown cove base	ND<1%[1]
32	Room 167	CB1- 6” brown cove base	ND<1%
33	Room 169	CB2- 6” light brown mauve cove base	ND<1%[1]
34	Room 169a	CB2- 6” light brown mauve cove base	ND<1%
35	Room8a	CB3- 4” black cove base	ND<1%[1]
36	Room 8a hallway	CB3- 4” black cove base	ND<1%
37	Stair tower one	CB4- 4” dark blue cove base	ND<1%[1]
38	Stair tower one	CB4- 4” dark blue cove base	ND<1%
39	Baggage claim 4	CB5- 6” blue cove base	ND<1%[1]
40	Baggage claim 4	CB5- 6” blue cove base	ND<1%
41	Baggage claim 4	CB6- 6” gray cove base	ND<1%[1]
42	Baggage claim 4	CB6- 6” gray cove base	ND<1%

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TABLE 1C BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
43	Bathroom 1a	CB7- 4" green cove base	ND<1%[1]
44	Bathroom 1a	CB7- 4" green cove base	ND<1%
45	Roof 1	PEN1- Penetration flashing tar	Trace Chrysotile[1]
46	Roof 1	PEN1- Penetration flashing tar	ND<1%
47	Roof 2	PEN2- Penetration flashing tar *(Description altered from ACM COC – G.K.)*	Trace Chrysotile[1]
48	Roof 2	PEN2- Penetration flashing tar *(Description altered from ACM COC – G.K.)*	ND<1%
49	Roof 3	PEN3- Silver/black asphalt penetration flashing	20% Chrysotile
50	Roof 3b	PEN3- Silver/black asphalt penetration flashing	NA/PS
51	Roof 1	PER1- Perimeter flashing tar	Trace Chrysotile[1]
52	Roof 1	PER1- Perimeter flashing tar	ND<1%
53	Roof 2	PER2- Perimeter flashing tar	Trace Chrysotile[1]
54	Roof 2	PER2- Perimeter flashing tar	ND<1%
55	Roof 3	PER3- Silver black asphalt perimeter flashing	1.95% Chrysotile[1]
56	Roof 3b	PER3- Silver black asphalt perimeter flashing	ND<1%[+]
57	Roof1	RSC1- Soft concrete under RF1	ND<1%
58	Roof 3c	RSC1- Soft concrete under RF1	ND<1%
59	Roof 2	RSC2- Soft concrete under RF2	ND<1%
60	Roof 2	RSC2- Soft concrete under RF2	ND<1%
61	Roof 3	RSC3- Soft concrete under RF3	ND<1%
62	Roof 3b	RSC3- Soft concrete under RF3	ND<1%
63	Roof 1	RF1- Silver asphalt roll-on 2" thick/asphalt layer	Trace Chrysotile[1]
64	Roof 1	RF1- Silver asphalt roll-on 2" thick/asphalt layer	ND<1%

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TABLE 1C BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
65	Roof 2	RF2- Silver asphalt roll on/asphalt/tar layers *(Description altered from ACM COC – G.K.)*	Trace Chrysotile[1]
66	Roof 2	RF2- Silver asphalt roll on/asphalt/tar layers *(Description altered from ACM COC – G.K.)*	ND<1%
67	Roof 3	RF3- Silver asphalt/tar layers (1.5" thick)	Trace Chrysotile[1]
68	Roof 3	RF3- Silver asphalt/tar layers (1.5" thick)	ND<1%
69	Roof 3	RF3- Silver asphalt/tar layers (1.5" thick)	ND<1%
70	IAB Exterior	FL1- Black flashing tar around duct/HVAC interface	ND<1%[1]
71	IAB Exterior	FL1- Black flashing tar around duct/HVAC interface	ND<1%
72	West canopy	FL2- Black flashing on top of canopy seam	10% Chrysotile
73	West canopy	FL2- Black flashing on top of canopy seam	NA/PS
74	Roof 1	RT1- Asphalt roof walkway tiles 2.5x4 ft.	5.72% Chrysotile[1]
75	Roof 1	RT1- Asphalt roof walkway tiles 2.5x4 ft.	ND<1%[+]
76	West façade overhang	TC1- white bumpy textured coating *(Description altered from ACM COC – G.K.)*	ND<1%
77	West façade overhang	TC1- white bumpy textured coating *(Description altered from ACM COC – G.K.)*	ND<1%
78	West façade overhang	TC1- white bumpy textured coating *(Description altered from ACM COC – G.K.)*	ND<1%
79	Baggage claim 4	TC2- bumpy textured coating on SHR2 *(Description altered from ACM COC – G.K.)*	ND<1%

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TABLE 1C BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
80	Baggage claim 4	TC2- bumpy textured coating on SHR2 *(Description altered from ACM COC – G.K.)*	ND<1%
81	Baggage claim 4	TC2- bumpy textured coating on SHR2 *(Description altered from ACM COC – G.K.)*	ND<1%
82	Exterior	TVB1- Black tar vapor barrier/fibrous ground joint material	ND<1%[1]
83	Exterior	TVB1- Black tar vapor barrier/fibrous ground joint material	ND<1%
84	Exterior	TC1A- Tar coating on outside of HVAC duct *(Description altered from ACM COC – G.K.)*	ND<1%[1]
85	Exterior	TC1A- Tar coating on outside of HVAC duct *(Description altered from ACM COC – G.K.)*	ND<1%
86	Roof 3	SRC1- Silver roof coating	16.66% Chrysotile[1]
87	Roof 3	SRC1- Silver roof coating	ND<1%[+]
88	Roof 3	SRC1- Silver roof coating	ND<1%[+]
89	Room 171A	G1-light tan glue behind fiberboard wall panel	ND<1%[1]
90	Room 171A	G1-light tan glue behind fiberboard wall panel	ND<1%
91	Room 8C	G2-beige glue behind counter wall panel	ND<1%[1]
92	Room 8C	G2-beige glue behind counter wall panel	ND<1%
93	Stair tower 1	G3-yellow glue under 1.5'x1.5' rubber floor tiles	Trace Anthophyllite[1]
94	Stair tower 1	G3-yellow glue under 1.5'x1.5' rubber floor tiles	ND<1%
95	Baggage claim 4	G4-beige glue behind sheetrock walls	ND<1%[1]
96	Baggage claim 4	G4-beige glue behind sheetrock walls	ND<1%

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TABLE 1C BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
97	Room 174	G5-cream glue behind plastic wall panel	ND<1%[1]
98	Room 174	G5-cream glue behind plastic wall panel	ND<1%
99	Room 174	G6-yellow residual glue (behind sheetrock wall)	ND<1%[1]
100	Room 174	G6-yellow residual glue (behind sheetrock wall)	ND<1%
101	B23 area	G7-greenish wall panel glue behind metal panel	ND<1%[1]
102	B23 area	G7-greenish wall panel glue behind metal panel	ND<1%
103	B23 area	G8-tan wall panel glue behind metal panel	ND<1%[1]
104	B23 area	G8-tan wall panel glue behind metal panel	ND<1%
105	Area 3	G9-beige glue behind sheetrock wall	ND<1%[1]
106	Area 3	G9-beige glue behind sheetrock wall	ND<1%
107	Exterior	C1-black flexible caulk	ND<1%[1]
108	Exterior	C1-black flexible caulk	ND<1%
109	Exterior	C2-grey flexible caulk	ND<1%[1]
110	Ground floor-167	C2-grey flexible caulk	ND<1%
111	Exterior	C3-hard semi-flex caulk (brownish-dirty grey)	ND<1%[1]
112	Exterior	C3-hard semi-flex caulk (brownish-dirty grey)	ND<1%
113	Exterior	C4A-brown powdery exterior real flexible caulk *(Labeled as C4 on ACM COC & results)*	ND<1%[1]
114	Exterior – west side	C4A-brown powdery exterior real flexible caulk *(Labeled as C4 on ACM COC & results)*	ND<1%
115	Exterior	C5-brown sticky slight flex caulk	ND<1%[1]
116	Exterior – outside room 66	C5-brown sticky slight flex caulk	ND<1%
117	Exterior	C6-white fibrous putty-like caulk	10% Chrysotile

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
118	Exterior	C6-white fibrous putty-like caulk	NA/PS
119	Exterior – NW entry roof	C7-cream hard brittle caulk	ND<1%[1]
120	Exterior – NW entry roof	C7-cream hard brittle caulk	ND<1%
121	Exterior – 1st floor west	C22-grey caulk (from MT series)	ND<1%
122	Exterior	WG1-brown semi pliable, crumbly window glaze	20.46% Chrysotile[1]
123	Exterior	WG1-brown semi pliable, crumbly window glaze	ND<1%[+]
124	Ground floor-TSA	WG1A-brown semi pliable glaze on interior of WG1 windows	Trace Anthophyllite[1]
125	Room 174D	WG1A-brown semi pliable glaze on interior of WG1 windows	ND<1%
126	Exterior	WG2-hard grey brittle window glaze	5% Chrysotile
127	Exterior	WG2-hard grey brittle window glaze	NA/PS
128	Ground floor – 167	WG3-brown putty sticky window glaze	10% Chrysotile
129	Ground floor	WG3-brown putty sticky window glaze	NA/PS
130	Room 174	WG4-brown putty glaze in overhang windows	5% Chrysotile
131	Room 174	WG4-brown putty glaze in overhang windows	NA/PS
132	Area 3	WG5-black putty window glaze	ND<1%[1]
133	Area 3	WG5-black putty window glaze	ND<1%
134	Exterior B21 boarding ramp	DWG1-white hard door window glaze	ND<1%[1]
135	Exterior B21 boarding ramp	DWG1-white hard door window glaze	ND<1%
136	B22 boarding ramp	DWG2-black putty door window glaze	ND<1%[1]
137	Ground floor – 8D	DWG2-black putty door window glaze	ND<1%
138	Ground floor-166	CBG1-dark brown cove base glue	10% Anthophyllite
139	Ground floor-TSA	CBG1- dark brown cove base glue	NA/PS
140	Ground floor-166	CBG2-tan cove base glue	ND<1%[1]

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TABLE 1C BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
141	Ground floor-166	CBG2-tan cove base glue	ND<1%
142	Area 3	CBG3-cream cove base glue	ND<1%[1]
143	Room 172 A	CBG3-cream cove base glue	ND<1%
144	Stairwell 1	CBG4-white cove base glue	ND<1%[1]
145	Stairwell 1	CBG4- white cove base glue	ND<1%
146	Elevated Area	CBG5-black cove base glue	7.38% Chrysotile[1]
147	Elevated Area	CBG5-black cove base glue	ND<1%[+]
148	Room 174 D	CB8-6” black cove base	ND<1%[1]
149	Room 174 D	CB8-4” black cove base	ND<1%
150	Area 3	CB9-4” brown cove base	ND<1%[1]
151	Area 3	CB9-4” brown covebase	ND<1%
152	Public corridor	SPFa-Gray spray-on fireproofing with red coloring	ND<1%
153	Public corridor	SPFa-Gray spray-on fireproofing with red coloring	ND<1%
154	Public corridor	SPFa-Gray spray-on fireproofing with red coloring	30% Chrysotile
155	Elevated area	SPFa-Gray spray-on fireproofing with red coloring	30% Chrysotile
156	B23 area	SPF1-White soft spray-on fireproofing	30% Chrysotile
157	Room 8A	SPF1-White soft spray-on fireproofing	NA/PS
158	Room 8A	SPF1-White soft spray-on fireproofing	NA/PS
159	Room 8A	SPF1-White soft spray-on fireproofing	NA/PS
160	Entry 2	SPF2-Gray spray-on fireproofing with pinkish coloring	ND<1%
161	Entry 2	SPF2-Gray spray-on fireproofing with pinkish coloring	ND<1%
162	Entry 1	SPF2-Gray spray-on fireproofing with pinkish coloring	ND<1%

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TABLE 1C BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
163	Room 169 A	M1-Yellow glue/white leveler/black mastic	10% Chrysotile
164	Room 169	M1-Yellow glue/white leveler/black mastic	NA/PS
165	Room 171	M2-Yellow glue under 12x12 pink VCT	ND<1%[1]
166	Room 171	M2-Yellow glue under 12x12 pink VCT	ND<1%
167	Room 172	M3-Black mastic under FT1	10% Chrysotile
168	Room 172	M3-Black mastic under FT1	NA/PS
169	Elevated area	M4-Black residual mastic around carpet perimeter	ND<1%[1]
170	Elevated area	M4-Black residual mastic around/under carpet perimeter	ND<1%
171	Room 8 C	CG1-Yellow carpet glue	Trace Chrysotile[1]
172	Bag Claim 4	CG1-Yellow carpet glue	ND<1%
173	Room 174 D	CG2-Green sticky carpet glue	ND<1%[1]
174	Room 8 C	CG2-Green sticky carpet glue	ND<1%
175	Public corridor	WCG1-Yellow wall carpet glue	ND<1%[1]
176	Bag claim 4	WCG1-Yellow wall carpet glue	ND<1%
177	Mechanical room	EC1-Mudded end-cap insulation	ND<1%
178	Mechanical room	EC1-Mudded end-cap insulation	ND<1%
179	Mechanical room	EC1-Mudded end-cap insulation	ND<1%
180	Mechanical room	MF1-Mudded fittings in Mechanical room	ND<1%
181	Mechanical room	MF1-Mudded fittings in mechanical room	ND<1%
182	Mechanical room	MF1-Mudded fittings in mechanical room	ND<1%
183	Mechanical room	BR1-Gray brittle breaching cement on chimney	ND<1%
184	Mechanical room	BR1-Gray brittle breaching cement on chimney	ND<1%

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TABLE 1C BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
185	Mechanical room	BR1-Gray brittle breaching cement on chimney	ND<1%
186	Mechanical room	PI1-Black tar paper layer under paper of fiber glass pipe insulation	ND<1%
187	Mechanical room	PI1-Black tar paper layer under paper of fiber glass pipe insulation	ND<1%
188	Mechanical room	PI1-Black tar paper layer under paper of fiber glass pipe insulation	ND<1%
189	Mechanical room	PS1-White seam sealant on white fiberglass lines with PVC fittings	ND<1%[1]
190	Mechanical room	PS1-White seam sealant on white fiberglass lines with PVC fittings	ND<1%
191	Stairwell 2	PS1-White seam sealant on white fiberglass lines with PVC fittings	ND<1%
192	Mechanical room	DS1-light yellow glue under silver wrapped fiberglass duct insulation	ND<1%[1]
193	Ground floor-Room 167	DS1-light yellow glue under silver wrapped fiberglass duct insulation	ND<1%
194	Roof 1	DS2-Gray putty duct sealant between HVAC1 seams	10% Chrysotile
195	Roof 1	DS2-Gray putty duct sealant between HVAC1 seams	NA/PS
196	TSA Mechanical room	DS3-Gray flex sealant in “Trane” HVAC unit	ND<1%[1]
197	TSA Mechanical room	DS3-Gray flex sealant in “Trane” HVAC unit	ND<1%
198	Area 3	FS1-Red flexible fire penetration sealant	ND<1%[1]
199	Area 3	FS1-Red flexible fire penetration sealant	ND<1%
200	Women’s room 8	GR1-Gray grout behind and between 1.5” ceramic wall tiles	ND<1%
201	Women’s room 8	GR1-Gray grout behind and between 1.5” ceramic wall tiles	ND<1%
202	Bathroom 1A	GR2-Gray grout under and between 1.5” ceramic floor tiles	ND<1%
203	Bathroom 1A	GR2-Gray grout under and between 1.5” ceramic floor tiles	ND<1%

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TABLE 1C BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
204	Ground floor – room 166	SHR1- tan joint compound	ND<1%
204		SHR1-White sheetrock	ND<1%
205	Room 169 A	SHR1- tan joint compound	ND<1%
205		SHR1-White sheetrock	ND<1%
206	Room 174 D	SHR2- white joint compound	ND<1%
206		SHR2-Light gray sheetrock	ND<1%
207	Bay 1 C	SHR2- white joint compound	ND<1%
207		SHR2-Light gray sheetrock	ND<1%
208	Room 174 D	PL1- white skim coat	ND<1%
208		PL1-Gray plaster basecoat	ND<1%
209	TSA lobby	PL1- white skim coat	ND<1%
209		PL1-Gray plaster basecoat	ND<1%
210	TSA- Main area	PL1- white skim coat	ND<1%
210		PL1-Gray plaster basecoat	ND<1%
211	TSA Mechanical room	PL1-(Gray plaster basecoat only)	ND<1%
212	Generator room 1	PL1-(Gray plaster basecoat only)	ND<1%
213	Women's room 8	PL1- white skim coat	ND<1%
213		PL1-Gray plaster basecoat	ND<1%
214	Bag claim 4	LEV1-Gray leveler	ND<1%
215	Room 171	LEV1-Gray leveler	ND<1%
216	Room 171	LEV1-Gray leveler	ND<1%
217	Bag claim 4	LEV2-White leveler	ND<1%
218	Bag claim 4	LEV2-White leveler	ND<1%
219	Elevated area	LEV3-Cream leveler	ND<1%
220	Elevated area	LEV3-Cream leveler	ND<1%
221	Entry roof-lower- south	FL3-Black flashing tar	20% Chrysotile
222	Entry roof-upper-north	RF4-Stone/asphalt built-up layer	ND<1%[1]

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
223	Entry roof-upper center	RF4-Stone/asphalt tar built-up layer	ND<1%
224	Entry roof-lower-south	RF5-Stone/asphalt tar built-up layer *(same as roofing from Entry roof under west canopy (south) in 1997 roof inspection)*	Trace Chrysotile[1]
225	Entry roof-upper-north	RSC4-Soft concrete under RF4	ND<1%
226	Entry roof -upper-center	RSC4-Soft concrete under RF4	ND<1%
227	Entry roof-lower-south	RSC5-Soft concrete under RF5 *(homogenous to RSC4)*	ND<1%
228	Entry roof-upper-center	PER4-Tar/asphalt built-up layer-perimeter flashing	10% Chrysotile
229	Entry roof-upper-north	PER4-Tar/asphalt built-up layer-perimeter flashing	NA/PS
230	Entry roof-upper-north	PEN4-Tar/asphalt built-up layer-penetration flashing	6.32% Chrysotile[1]
231	Entry roof-upper-center	PEN4-Tar/asphalt built-up layers-penetration flashing	ND<1%[+]
232	Room 8 A	SC1-Rough white skim coat on concrete drop tile	ND<1%
233	Room 8 A	SC1-Rough white skim coat on concrete drop tile	ND<1%
234	Room 8 A- hall	SC1-Rough white skim coat on concrete drop tile	ND<1%
235	Area 3	SU1-Black sink undercoating	3% Chrysotile
236	Area 3	SU1-Black sink undercoating	NA/PS
237	TSA- room 2	CT6-1'x1' wormhole, pinhole pattern-splined ceiling tile	ND<1%
238	TSA- room 2	CT6-1'x1' wormhole, pinhole pattern-splined ceiling tile	ND<1%
239	Entry 1	CT11-2'x4' sheetrock ceiling tile with light texture *(Changed to CT11 - PLM results/COC are labeled as CT1)*	ND<1%
240	Entry 1	CT11-2'x4' sheetrock ceiling tile with light texture *(Changed to CT11 - PLM results/COC are labeled as CT1)*	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
241	Entry 1	C8-mauve caulk - hard	Trace Anthophyllite[1]
242	Entry 2	C8-mauve caulk – hard	ND<1%
243	Exterior-1st floor-west	ST1- stone grey stucco-like wall covering *(part of ST1 series from Concourse B samples)*	ND<1%
244	Ground floor –room BC4	PI1A – white ½ round piece of pipe ins. *(Changed from PI1 to PI1A – per G.K.)*	20% Amosite
245	Ground floor –room BC4	PI1A – white ½ round piece of pipe ins. *(Changed from PI1 to PI1A – per G.K.)*	NA/PS
246	Ground floor –room BC4	PI1A – white ½ round piece of pipe ins. *(Changed from PI1 to PI1A – per G.K.)*	NA/PS
247	Ground floor – Bay1A	SPF3 – grey spray-on fireproofing	ND<1%
248	Ground floor – Bay1A	SPF3 – grey spray-on fireproofing	ND<1%
249	Ground floor – Bay1A	SPF3 – grey spray-on fireproofing	ND<1%
250	Elevated area	LEV4-dark brown/black leveler	ND<1%
251	Elevated area	LEV4-dark brown/black leveler	ND<1%
252	1st floor women's bathroom	TVB2-black tar at floor/wall	Trace Chrysotile[1]
253	1st floor women's bathroom	TVB2-black tar at floor/wall	ND<1%
254	1st floor – Verizon room	C9-white flexible caulk	4.88% Anthophyllite[1]
255	1st floor – Verizon room	C9-white flexible caulk	ND<1%+
256	1st floor – Verizon room	FT6-tan glue	Trace Chrysotile[1]
256		FT6-12"x12" grey w/ black spots	ND<1%[1]
257	1st floor – Verizon room	FT6-tan glue	ND<1%
257		FT6-12"x12" grey w/ black spots	ND<1%
258	1st floor – Verizon room	CBG6-yellow glue	ND<1%[1]
258		CB10-4" grey covebase	ND<1%[1]

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
259	1st floor – Verizon room	CBG6-yellow glue	ND<1%
259		CB10-4" grey covebase	ND<1%
260	Bay 1c	CT7- 2x4 wormhole/pinhole ceiling tile	ND<1%
261	Bay 1c	CT7- 2x4 wormhole/pinhole ceiling tile	ND<1%
262	Bay 1a	CT8- 2x4 wormhole/pinhole ceiling tile	ND<1%
263	Bay 1a	CT8- 2x4 wormhole/pinhole ceiling tile	ND<1%
264	Stair tower one	CT9- 2x2 wormhole/pinhole ceiling tile	ND<1%
265	Stair tower one	CT9- 2x2 wormhole/pinhole ceiling tile	ND<1%
266	Baggage claim 4	CT10- 2x2 ridgeline ceiling tile	ND<1%
267	Baggage claim 4	CT10- 2x2 ridgeline ceiling tile	ND<1%
TERMINAL A-B CONNECTOR			
28	Terminal A-B Connector	6" black cove base	ND<1%
29	Terminal A-B Connector	Tan cove base glue	ND<1%
30	Terminal A-B Connector	Yellow carpet glue	ND<1%
31	Terminal A-B Connector	White flexible caulk	ND<1%[1]
32	Terminal A-B Connector	White flexible caulk	ND<1%
33	Terminal A-B Connector	2'x 2' smooth ceiling tile	ND<1%
34	Terminal A-B Connector	2'x 2' smooth ceiling tile	ND<1%
Samples taken 7/24/13, 8/30/13, 8/22/13, 9/16/13			
1 – 8/30/13	Elevated HVAC #2	FC1A – white (dirty) cloth flex connector	ND<1%
2 – 8/30/13	Elevated HVAC #2	FC1A – white (dirty) cloth flex connector	ND<1%
3 – 8/30/13	Elevated HVAC #2	G1A – tan glue behind fiberglass panel pins	10% chrysotile
4 – 8/30/13	Elevated HVAC #2	G1A – tan glue behind fiberglass panel pins	NA/PS
5 – 9/16/13	Air side 1st floor interior – B22 ramp	RPT1 – black tar on radiator panel (inner panel)	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
6 – 9/16/13	Air side 1st floor interior – B22 ramp	RPT1 – black tar on radiator panel (inner panel)	ND<1%[1]
7 – 8/22/13	Exterior outside Mech Room/former UST fill line	TVB1A – tar vapor barrier wrapped around former fill line	ND<1%
8 – 8/22/13	Exterior outside Mech Room/former UST fill line	TVB1A – tar vapor barrier wrapped around former fill line	ND<1%[1]
9 – 7/24/13	Boiler Room	Chill water supply mudded fitting	ND<1%
10 – 7/24/13	Boiler Room	Chill water supply end cap insulation	ND<1%
11 – 7/24/13	Boiler Room	Hot water supply large mudded fitting	ND<1%
12 – 7/24/13	Boiler Room	Hot water return large mudded fitting	ND<1%
13 – 7/24/13	Boiler Room	Hot water supply medium mudded fitting	ND<1%
14 – 7/24/13	Boiler Room	Small mudded fitting	ND<1%
Samples taken 9/10/13			
1 – 9/10/13	Loc #1 – airside outside Boiler Room	VB1 – black tar/cloth vapor barrier – Boiler Room	ND<1%
2 – 9/10/13	Loc #1- airside outside Boiler Room	VB1 – black tar/cloth vapor barrier – Boiler Room	ND<1%[1]
3 – 9/10/13	Loc #6 – airside outside Bay 1	VB2 – Black tar/cloth vapor barrier	ND<1%
4 – 9/10/13	Loc #5 – Airside outside TSA	VB2 – Black tar/cloth vapor barrier	ND<1%[1]
Samples taken 9/26/13			
1	1st floor Men's Room	FVB1 – black sticky floor tar vapor barrier	ND<1%
2	1st floor Men's Room	FVB1 – black sticky floor tar vapor barrier	Trace chrysotile[1]
3	Ground floor – Room 171	FVB2 – black plastic-like floor vapor barrier	ND<1%
4	Ground floor – Room 171	FVB2 – black plastic-like floor vapor barrier	ND<1%[1]
5	Ground floor – Room 8A	FVB3 – black tarry vapor barrier with fibers	ND<1%
6	Ground floor – Room 8A	FVB3 – black tarry vapor barrier with fibers	ND<1%[1]

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
Samples taken 10/17/13			
1	Exterior – doorway	Grey flexible, tacky caulk on exterior doors & windows	1.15% chrysotile[1]
2	Exterior – doorway	Grey flexible, tacky caulk on exterior doors & windows	ND<1%
3	Exterior	Beige glue between outer metal walls & inner Styrofoam insulation	ND<1%[1]
4	Exterior	Beige glue between outer metal walls & inner Styrofoam insulation	ND<1%
5	Hallway	Brown sheetrock (no JC)	ND<1%
6	Hallway	Brown sheetrock (no JC)	ND<1%

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TABLE 1D BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
MURPHY TERMINAL			
01	Ground floor – delta bag area	G1-brown glue behind wood chair rail	ND<1%[1]
02	1st floor – public concourse A	G1-brown glue behind wood chair rail	ND<1%
03	Ground floor – delta hallway/public concourse A	G2-beige glue behind plywood (or sheetrock)	ND<1%[1]
04	Ground floor – 2B	G2-beige glue behind plywood (or sheetrock)	ND<1%
05	Ground floor – public concourse A	G3-yellow residual glue (between sheetrock walls)	ND<1%[1]
06	Ground floor - public concourse A	G3-yellow residual glue (between sheetrock walls)	ND<1%
07	Ground floor- public concourse A	G4-beige residual glue	ND<1%[1]
08	Ground floor- public concourse A	G4-beige residual glue	ND<1%
09	Ground floor- public concourse A	G5-beige riser stair glue	ND<1%[1]
10	Ground floor- public concourse A	G5-beige riser stair glue	ND<1%
11	Ground floor- public concourse A	G6-light brown rubber floor tread glue	ND<1%[1]
12	Ground floor- public concourse A	G6-light brown rubber floor tread glue	ND<1%
13	Ground floor – hall G	G7-black glue under rubber floor treads	ND<1%[1]
14	Ground floor – hall G	G7-black glue under rubber floor treads	ND<1%
15	Ground floor –rm 23	G8-black remnant glue daubs	60% Chrysotile
16	Ground floor – rm 23	G8-black remnant glue daubs	NA/PS
17	Ground floor – American baggage	G9-cream glue behind 3” corner trim guard	Trace Chrysotile[1]
18	Ground floor – American baggage	G9-cream glue behind 3” corner trim guard	ND<1%
19	1st floor – snack bar 15	G10-white brittle glue behind 4” ceramic wall tile	ND<1%[1]
20	1st floor – snack bar 15	G10-white brittle glue behind 4” ceramic wall tile	ND<1%
21	1st floor – snack bar 15	G11-greenish glue behind plastic wall panel	ND<1%[1]

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
22	1st floor – snack bar 15	G11-greenish glue behind plastic wall panel	ND<1%
23	1st floor - Host lounge A	G12-black glue behind thick fiberboard wall panel (4' high)	10% Chrysotile
24	1st floor - Host lounge A	G12-black glue behind thick fiberboard wall panel (4' high)	NA/PS
25	1st floor - Host lounge A	G13-cream glue behind ceramic tile bar wall base (8" high)	ND<1%[1]
26	1st floor - Host lounge A	G13-cream glue behind ceramic tile bar wall base (8" high)	ND<1%
27	1st floor – STR lobby 1	G14-light brown glue behind sheetrock	ND<1%[1]
28	1st floor – STR lobby 1	G14-light brown glue behind sheetrock	ND<1%
29	1st floor – family bathroom	G15-yellow glue behind 2" ceramic wall tile	ND<1%[1]
30	1st floor – family bathroom	G15-yellow glue behind 2" ceramic wall tile	ND<1%
31	1st floor - paradies	G16-dark tan glue behind wood baseboard	ND<1%[1]
32	1st floor - paradies	G16-dark tan glue behind wood baseboard	ND<1%
33	1st floor - paradies	G17-beige glue behind wood baseboard	ND<1%[1]
34	1st floor - paradies	G17-beige glue behind wood baseboard	ND<1%
35	1st floor - paradies	G18-tan glue behind laminate counter panels	ND<1%[1]
36	1st floor - paradies	G18-tan glue behind laminate counter panels	ND<1%
37	1st floor - paradies	G19-tan mirror glue daubs	ND<1%[1]
38	1st floor - paradies	G19-tan mirror glue daubs	ND<1%
39	1st floor – men's bathroom 6	G20-yellow glue behind 4" ceramic wall tiles	ND<1%[1]
40	1st floor – men's bathroom 6	G20-yellow glue behind 4" ceramic wall tiles	ND<1%
41	Ground floor – SP66B	G21-light brown wall panel glue	ND<1%[1]
42	Ground floor – SP66B	G21-light brown wall panel glue	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
43	Ground floor –men's bathroom 1	G22-white glue behind counter sideboard	Trace Anthophyllite[1]
44	Ground floor –men's bathroom 1	G22-white glue behind counter sideboard	ND<1%
45	1st floor – G25	G23-brown ceiling tile glue daubs under 1'x1' cellulose ceiling tile	ND<1%[1]
46	1st floor – G25	G23-brown ceiling tile glue daubs under 1'x1' cellulose ceiling tile	ND<1%
47	1st floor – wicked subs	G24-black glue daubs behind thick stain wood panel (4')	5% Chrysotile
48	1st floor – wicked subs	G24-black glue daubs behind thick stain wood panel (4')	NA/PS
49	1st floor – wicked subs	G25-tan glue daubs behind wall paneling	ND<1%[1]
50	1st floor – wicked subs	G25-tan glue daubs behind wall paneling	ND<1%
51	1st floor – wicked subs	G26-cream glue behind 4"ceramic wall tile	ND<1%[1]
52	1st floor – wicked subs	G26-cream glue behind 4"ceramic wall tile	ND<1%
53	1st floor – wicked subs kitchen	G27-brown glue behind white plastic wall panel	ND<1%[1]
54	1st floor – paradies 16B	G27-brown glue behind white plastic wall panel	ND<1%
55	1st floor – paradies 16A	G28-black mirror glue daubs	ND<1%[1]
56	1st floor – paradies 16A	G28-black mirror glue daubs	ND<1%
57	Basement – room 157 walk-in cooler	G29-tan glue daubs behind plastic panel in walk-in freezer	ND<1%[1]
58	Basement – room 157 walk-in cooler	G29-tan glue daubs behind plastic panel in walk-in freezer	ND<1%
59	1st floor- sam adams	G30-light brown glue daubs behind column panels	ND<1%[1]
60	1st floor- sam adams	G30-light brown glue daubs behind column panels	ND<1%
61	1st floor- sam adams back room	G31-tan glue behind plastic panel	ND<1%[1]
62	1st floor- sam adams back room	G31-tan glue behind plastic panel	ND<1%

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TABLE 1D BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
63	1st floor-munsons 143	G32-brown glue behind 12x12 ceramic wall tile	ND<1%[1]
64	1st floor-munsons 143	G32-brown glue behind 12x12 ceramic wall tile	ND<1%
65	1st floor-munsons 143	G33-tan glue under fiberboard wall panel	ND<1%[1]
66	1st floor-munsons 143	G33-tan glue under fiberboard wall panel	ND<1%
67	1st floor-munsons 143	G34-dark brown glue behind sheetrock wall	10% Chrysotile
68	1st floor-munsons 143	G34-dark brown glue behind sheetrock wall	NA/PS
69	1st floor – murphy conference room	G35-light brown wall panel glue behind fiberboard wall panel	ND<1%[1]
70	1st floor – murphy conference room	G35-light brown wall panel glue behind fiberboard wall panel	ND<1%
71	3rd floor stairwell C	G36-black glue under rubber stair treads	ND<1%[1]
72	3rd floor stairwell C	G36-black glue under rubber stair treads	ND<1%
73	3rd floor rm 51	G37-tan wall panel glue behind fiberboard	10% Anthophyllite
74	3rd floor rm 51	G37-tan wall panel glue behind fiberboard	NA/PS
75	3rd floor rm 50	G38-brown glue behind fiberboard wall panel	ND<1%[1]
76	3rd floor rm 50	G38-brown glue behind fiberboard wall panel	ND<1%
77	3rd floor rm 50	G39-dark brown glue daubs behind old 2'x4' Ceiling tiles	ND<1%[1]
78	3rd floor rm 50	G39-dark brown glue daubs behind old 2'x4' Ceiling tiles	ND<1%
79	3rd floor FAA1	G40-dark brown glue daubs behind fiberboard wall panel	6.67% Chrysotile[1]
80	3rd floor FAA1	G40-dark brown glue daubs behind fiberboard wall panel	ND<1%[+]
81	2nd floor – rm 208 (SP)	G41-black glue daubs behind fiberboard wall panel	10.64% Chrysotile[1]

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
82	2nd floor – rm 208 (SP)	G41-black glue daubs behind fiberboard wall panel	NA/PS
83	2nd floor – rm 208 (SP)	G42-tan glue daubs behind fiberboard wall panel	ND<1%[1]
84	2nd floor – rm 208 (SP)	G42-tan glue daubs behind fiberboard wall panel	ND<1%
85	2nd floor – SP 210	G43-dark brown residual glue daubs	ND<1%[1]
86	2nd floor – SP 210	G43-dark brown residual glue daubs	ND<1%
87	2nd floor – men's room Hall 2C	G44-tan glue behind 1.5" ceramic wall tile	ND<1%[1]
88	2nd floor – men's room Hall 2C	G44-tan glue behind 1.5" ceramic wall tile	ND<1%
89	2nd floor – men's room Hall 2C	G45-black mirror glue daubs	40% Chrysotile
90	2nd floor – men's room Hall 2C	G45-black mirror glue daubs	NA/PS
91	2nd floor –host kitchen women's room	G46-tan glue behind plastic wall panel	ND<1%[1]
92	2nd floor –host kitchen men's room	G46-tan glue behind plastic wall panel	ND<1%
93	2nd floor sky lounge	G47-black residual glue on wood beams above ceiling	10% Chrysotile
94	2nd floor sky lounge	G47-black residual glue on wood beams above ceiling	NA/PS
95	2nd floor OPS	G48-yellow glue under thin baseboard wood covering & lwr wood panel	ND<1%[1]
96	2nd floor OPS	G48-yellow glue under thin baseboard wood covering & lwr wood panel	ND<1%
97	3rd floor men's room	G49-yellow glue behind plastic wall panel	ND<1%[1]
98	3rd floor men's room	G49-yellow glue behind plastic wall panel	ND<1%
99	3rd floor rm 78A	G50-black glue behind fiberboard wall panel	5% Chrysotile
100	3rd floor rm 78A	G50-black glue behind fiberboard wall panel	NA/PS
101	3rd floor rm 78A	G51-orange glue between styrafoam window insulation	ND<1%[1]

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
102	3rd floor rm 78	G51-orange glue between styrafoam window insulation	ND<1%
103	3rd floor rm 80A	G52-light brown glue behind fiberboard/cellulose wall panel	10% Anthophyllite
104	3rd floor rm 80A	G52-light brown glue behind fiberboard/cellulose wall panel	NA/PS
105	Ground floor – public concourse A delta	CT1-2'x2' comma/pinhole ceiling tile	ND<1%
106	Ground floor – public concourse A	CT1-2'x2' comma/pinhole ceiling tile	ND<1%
107	Ground floor rm 24	CT1-2'x2' comma/pinhole ceiling tile	ND<1%
108	1st floor rm 35	CT1-2'x2' comma/pinhole ceiling tile	ND<1%
109	Ground floor south escalator	CT2-2'x2' divot/pinhole ceiling tile	ND<1%
110	1st floor room 30B	CT2-2'x2' divot/pinhole ceiling tile	ND<1%
111	1st floor room 30B	CT2-2'x2' divot/pinhole ceiling tile	ND<1%
112	1st floor AA tickets	CT2-2'x2' divot/pinhole ceiling tile	ND<1%
113	Control tower	CT2-2'x2' divot/pinhole ceiling tile	ND<1%
114	Ground floor public concourse A	CT3-2'x2' ridgeline ceiling tile (partial spline)	ND<1%
115	Ground floor DAL 1	CT3-2'x2' ridgeline ceiling tile (partial spline)	ND<1%
116	Ground floor american baggage	CT3-2'x2' ridgeline ceiling tile (partial spline)	ND<1%
117	Ground floor – Public concourse A (PCA)	CT4-2'x2' dropped pinhole/splotch ceiling tile	ND<1%
118	1st floor paradies 16 entry	CT4-2'x2' dropped pinhole/splotch ceiling tile	ND<1%
119	Ground floor women's bath 1	CT5-2'x2' multi-size pinhole ceiling tile w/ laminate surface	ND<1%
120	Ground floor women's bath 1	CT5-2'x2' multi-size pinhole ceiling tile w/ laminate surface	ND<1%
121	Ground floor Hall B	CT6-2'x2' heavy coarse ceiling tile w/ foil backing	ND<1%
122	Ground floor Hall B	CT6-2'x2' heavy coarse ceiling tile w/ foil backing	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
123	Ground floor rm 73	CT7-2'x2' heavy coarse ceiling tile	ND<1%
124	Ground floor rm 73	CT7-2'x2' heavy coarse ceiling tile	ND<1%
125	Ground floor DAL 3	CT8-2'x2' heavy coarse pinhole ceiling tiles	ND<1%
126	Ground floor DAL 3	CT8-2'x2' heavy coarse pinhole ceiling tiles	ND<1%
127	Ground floor – rm 66A	CT9-2'x4' comma/pinhole ceiling tile	ND<1%
128	Ground floor – rm 66B	CT9-2'x4' comma/pinhole ceiling tile	ND<1%
129	1st floor snack bar 15	CT10-2'x4' smooth ceiling tile	ND<1%
130	1st floor snack bar 15	CT10-2'x4' smooth ceiling tile	ND<1%
131	1st floor host lounge A	CT11-2'x2' light brown heavy coarse ceiling tile	ND<1%
132	1st floor wicked subs	CT11-2'x2' light brown heavy coarse ceiling tile	ND<1%
133	1st floor PCA	CT12-2'x2' wormhole/pinhole ceiling tile	ND<1%
134	1st floor PCA	CT12-2'x2' wormhole/pinhole ceiling tile	ND<1%
135	1st floor TP5	CT13-2'x4' comma/pinhole ceiling tile	ND<1%
136	1st floor TP5	CT13-2'x4' comma/pinhole ceiling tile	ND<1%
137	2nd floor – SP 202A	CT14-2'x4' long wormhole/pinhole ceiling tile	ND<1%
138	2nd floor – SP 202A	CT14-2'x4' long wormhole/pinhole ceiling tile	ND<1%
139	1st floor wicked subs	CT15-2'x2' smooth sheetrock ceiling tile	ND<1%
140	1st floor wicked subs kitchen	CT15-2'x2' smooth sheetrock ceiling tile	ND<1%
141	1st floor paradies 16A	CT16-2'x2' splotchy/ pinhole (w/ pink edges above hangars)	ND<1%
142	1st floor paradies 16A	CT16-2'x2' splotchy/ pinhole (w/ pink edges above hangars)	ND<1%
143	1st floor sam adams back room	CT17-2'x2' deep terrain comma/comma pinhole ceiling tile	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
144	1st floor sam adams back room	CT17-2'x2' deep terrain comma/comma pinhole ceiling tile	ND<1%
145	1st floor-munsons 43	CT18-2'x4' comma/pinhole (2'x2' design)	ND<1%
146	1st floor-munsons 43	CT18-2'x4' comma/pinhole (2'x2' design)	ND<1%
147	2nd floor conference room	CT19-2'x2' stony ceiling tile w/ foil backing	ND<1%
148	2nd floor conference room	CT19-2'x2' stony ceiling tile w/ foil backing	ND<1%
149	4th flr FAA office	CT20-2'x4' wormhole/pinhole ceiling tile	ND<1%
150	3rd flr rm 50	CT20-2'x4' wormhole/pinhole ceiling tile	ND<1%
151	3rd flr rm 51	CT21-2'x2' heavy coral ceiling tile	ND<1%
152	3rd flr rm 51	CT21-2'x2' heavy coral ceiling tile	ND<1%
153	3rd flr rm 76	CT22-2'x4' clean comma (straight)/pinhole	ND<1%
154	3rd flr rm 76	CT22-2'x4' clean comma (straight)/pinhole	ND<1%
155	2nd floor SP rm210	CT23-2'x2' long wormhole w/ multisize pinhole	ND<1%
156	2nd floor SP rm210	CT23-2'x2' long wormhole w/ multisize pinhole	ND<1%
157	2nd floor SP 200A	CT24-2'x4' divot/pinhole ceiling tile	ND<1%
158	2nd floor SP 200A	CT24-2'x4' divot/pinhole ceiling tile	ND<1%
159	2nd floor SP 203	CT25-2'x4' long wormhole (horizontal)/pinhole ceiling tile	ND<1%
160	2nd floor SP 203	CT25-2'x4' long wormhole (horizontal)/pinhole ceiling tile	ND<1%
161	2nd floor sky lounge	CT26-2'x2' light texture drop down ceiling tile	ND<1%
162	2nd floor sky lounge	CT26-2'x2' light texture drop down ceiling tile	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
163	3rd floor women's bathroom	CT27-2'x2' light rough w/ pinhole ceiling tile	ND<1%
164	3rd floor women's bathroom	CT27-2'x2' light rough w/ pinhole ceiling tile	ND<1%
165	3rd floor rm 76	CT28-2'x4' multi-size pinhole ceiling tile	ND<1%
166	3rd floor rm 76	CT28-2'x4' multi-size pinhole ceiling tile	ND<1%
167	Ground floor PCA	GR1-grey grout behind ceramic wall tiles (on columns)	ND<1%
168	Ground floor PCA	GR1-grey grout behind ceramic wall tiles (on columns)	ND<1%
169	Ground floor women's bathroom 1	GR2A-light grey grout between 4" ceramic wall tiles	ND<1%
170	Ground floor women's bathroom 1	GR2A-light grey grout between 4" ceramic wall tiles	ND<1%
171	Ground floor women's bathroom 1	GR2B-dark grey grout behind 4"ceramic wall tiles	ND<1%
172	Ground floor women's bathroom 1	GR2B-dark grey grout behind 4"ceramic wall tiles	ND<1%
173	Ground floor women's bathroom 1	GR3A-dark grey grout between 1.5" ceramic wall tile	ND<1%
174	Ground floor women's bathroom 1	GR3A-dark grey grout between 1.5" ceramic wall tile	ND<1%
175	Ground floor women's bathroom 1	GR3B-light grey grout behind 1.5" ceramic wall tile	ND<1%
176	Ground floor women's bathroom 1	GR3B-light grey grout behind 1.5" ceramic wall tile	ND<1%
177	Grounds floor men's lav 2	GR4-grey grout between/under 1.25" smooth ceramic floor tiles	ND<1%
178	Grounds floor men's lav 2	GR4-grey grout between/under 1.25" smooth ceramic floor tiles	ND<1%
179	1st floor snack bar 15	GR5-white grout between 4" ceramic wall tiles	ND<1%
180	1st floor snack bar 15	GR5-white grout between 4" ceramic wall tiles	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
181	1st floor snack bar 15	GR6A-grey grout between mulit-size ceramic floor tiles	ND<1%
182	1st floor snack bar 15	GR6A-grey grout between mulit-size ceramic floor tiles	ND<1%
183	1st floor snack bar 15	GR6B-light grey grout under mulit-size ceramic floor tiles	ND<1%
184	1st floor snack bar 15	GR6B-light grey grout under mulit-size ceramic floor tiles	ND<1%
185	1st floor host lounge A	GR7A-dark brown grout between brick shape ceramic floor tiles	ND<1%
186	1st floor host lounge A	GR7A-dark brown grout between brick shape ceramic floor tiles	ND<1%
187	1st floor host lounge A	GR7B-light grey grout under brick shape ceramic floor tiles	ND<1%
188	1st floor host lounge A	GR7B-light grey grout under brick shape ceramic floor tiles	ND<1%
189	1st floor PCA	GR8A-pink grout between pink hue marble wall tiles	ND<1%
190	1st floor PCA	GR8A-pink grout between pink hue marble wall tiles	ND<1%
191	1st floor PCA	GR8B-cream grout behind pink hue marble wall tiles	ND<1%
192	1st floor PCA	GR8B-cream grout behind pink hue marble wall tiles	ND<1%
193	1st floor women's bath	GR9-grey grout between/under 1.5" ceramic floor tiles	ND<1%
194	1st floor women's bath	GR9-grey grout between/under 1.5" ceramic floor tiles	ND<1%
195	1st floor family bathroom	GR11-grey grout between 3" ceramic wall tile	ND<1%
196	1st floor family bathroom	GR11-grey grout between 3" ceramic wall tile	ND<1%
197	1st floor paradies	GR11A-grey grout between 1'x1' marble floor tiles	ND<1%
198	1st floor paradies	GR11A-grey grout between 1'x1' marble floor tiles	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
199	1st floor paradies	GR11B-white grout under 1'x1' marble floor tiles	ND<1%
200	1st floor paradies	GR11B-white grout under 1'x1' marble floor tiles	ND<1%
201	1st floor men's bathroom 6	GR12-grey grout between/under .75" ceramic floor tiles	ND<1%
202	1st floor men's bathroom 6	GR12-grey grout between/under .75" ceramic floor tiles	ND<1%
203	Ground floor SP66A	GR13-white grout behind 6" ceramic wall base	ND<1%
204	Ground floor SP66A	GR13-white grout behind 6" ceramic wall base	ND<1%
205	1st floor wicked subs	GR14A-dark brown grout between tan brick style ceramic floor tiles	ND<1%
206	1st floor wicked subs	GR14A-dark brown grout between tan brick style ceramic floor tiles	ND<1%
207	1st floor wicked subs	GR14B-greyish red grout under tan brick style ceramic floor tiles	ND<1%
208	1st floor wicked subs	GR14B-greyish red grout under tan brick style ceramic floor tiles	ND<1%
209	1st floor paradies 16A	GR15-grey grout under/between 1'x1' marble floor tiles	ND<1%
210	1st floor paradies 16A	GR15-grey grout under/between 1'x1' marble floor tiles	ND<1%
211	1st floor sam adams	GR16A-dark maroon grout between brick style ceramic floor tiles	ND<1%
212	1st floor sam adams	GR16A-dark maroon grout between brick style ceramic floor tiles	ND<1%
213	1st floor sam adams	GR16B-white grout under brick style ceramic floor tiles	ND<1%
214	1st floor sam adams	GR16B-white grout under brick style ceramic floor tiles	ND<1%
215	2nd floor sky lounge kitchen	GR17-grey grout between/under 3" ceramic floor tiles	ND<1%
216	2nd floor sky lounge kitchen	GR17-grey grout between/under 3" ceramic floor tiles	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
217	Ground floor-delta baggage area	FT1-black mastic	3% Chrysotile
217		FT1-12x12 light brown confetti floor tile	ND<1%[1]
218	Ground floor-delta baggage area	FT1-black mastic	NA/PS
218		FT1-12x12 light brown confetti floor tile	ND<1%
219	Ground floor south escalator	FT2-black mastic	10% Chrysotile
219		FT2-12x12 tan floor tile	3% Chrysotile
220	Ground floor south escalator	FT2-black mastic	NA/PS
220		FT2-12x12 tan floor tile	NA/PS
221	Ground floor PCA	FT3-black mastic	3% Chrysotile
221		FT3-thin grey floor tile	3% Chrysotile
222	Ground floor PCA	FT3-black mastic	NA/PS
222		FT3-thin grey floor tile	NA/PS
223	Ground floor stairwell S2	FT4-black mastic	3% Chrysotile
223		FT4-12x12 grey confetti floor tile	ND<1%[1]
224	Ground floor stairwell S2	FT4-black mastic	NA/PS
224		FT4-12x12 grey confetti floor tile	ND<1%
225	Ground floor stairwell S2	FT5-black mastic	3.17% Chrysotile[1]
225		FT5-12x12 grey confetti (thicker confetti)	ND<1%[1]
226	Ground floor stairwell S2	FT5-black mastic	ND<1%[+]
226		FT5-12x12 grey confetti (thicker confetti)	ND<1%
227	Ground floor SC2	FT6-tan glue	ND<1%[1]
227		FT6-12x12 light brown confetti	ND<1%[1]
228	Ground floor SC2	FT6-tan glue	ND<1%
228		FT6-12x12 light brown confetti	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
229	Ground floor DAL2	FT7-black mastic	10% Chrysotile
229		FT7-9x9 white floor tile	3% Chrysotile
230	Ground floor DAL2	FT7-black mastic	NA/PS
230		FT7-9x9 white floor tile	NA/PS
231	Ground floor 66A	FT8-yellow glue	ND<1%[1]
231		FT8-12x12 grey confetti floor tile	ND<1%[1]
232	Ground floor 66A	FT8-yellow glue	ND<1%
232		FT8-12x12 grey confetti floor tile	ND<1%
233	Ground floor 66A	FT9-white floor tile	ND<1%[1]
234	Ground floor 66A	FT9-white floor tile	ND<1%
235	Ground floor 66B	FT10-black mastic	ND<1%[1]
235		FT10-white floor tile	ND<1%[1]
236	Ground floor 66B	FT10-black mastic	ND<1%
236		FT10-white floor tile	ND<1%
237	Ground floor 66A	FT11- black mastic	ND<1%[1]
237		FT11-grey floor tile	ND<1%[1]
238	Ground floor 66B	FT11- black mastic	ND<1%
238		FT11-grey floor tile	ND<1%
239	Ground floor American baggage	FT12-black & tan mastic	3% Chrysotile
239		FT12-grey floor tile	ND<1%[1]
240	Ground floor American baggage	FT12-black & tan mastic	NA/PS
240		FT12-grey floor tile	ND<1%
241	Ground floor American baggage	FT13-black mastic	10% Chrysotile
241		FT13-biege floor tile	3% Chrysotile
242	Ground floor American baggage	FT13-black mastic	NA/PS
242		FT13-biege floor tile	NA/PS

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TABLE 1D BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
243	1st floor rm 31	FT14-black mastic	5% Chrysotile
243		FT14-blue floor tile	ND<1%[1]
244	1st floor rm 31	FT14-black mastic	NA/PS
244		FT14-blue floor tile	ND<1%
245	Ground floor rm 2A	FT15-black mastic	10% Chrysotile
245		FT15-12x12 cream w/ brown streaks floor tile	5% Chrysotile
246	Ground floor rm 2A	FT15-black mastic	NA/PS
246		FT15-12x12 cream w/ brown streaks floor tile	NA/PS
247	1st floor Jazz1	FT16—black mastic	3% Chrysotile
247		FT16—9x9 thin beige w/ streaks floor tile	5% Chrysotile
248	1st floor Jazz1	FT16—black mastic	NA/PS
248		FT16—9x9 thin beige w/ streaks floor tile	NA/PS
249	1st floor PA1	FT17-orange glue	ND<1%[1]
249		FT17-12x12 cream w/ darker cream streaks floor tile	ND<1%[1]
250	1st floor PA2	FT17-orange glue	ND<1%
250		FT17-12x12 cream w/ darker cream streaks floor tile	ND<1%
251	Ground floor PCA closet 1	FT18-black mastic	10% Chrysotile
251		FT18-tan (orange hue) confetti floor tile	10% Chrysotile
252	Ground floor PCA closet 1	FT18-black mastic	NA/PS
252		FT18-tan (orange hue) confetti floor tile	NA/PS

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TABLE 1D BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
253	Control tower	FT19-black mastic	1.26% Chrysotile[1]
253		FT19-9x9 maroon w/ dark maroon & white streaks floor tile	1.09% Chrysotile[1] 5.47% Anthophyllite[1]
254	Control tower	FT19-black mastic	ND<1%[+]
254		FT19-9x9 maroon w/ dark maroon & white streaks floor tile	ND<1%[+]
255	3rd floor hall	FT20-black mastic	5% Chrysotile
255		FT20-9x9 grey w/black & white streaks	5% Chrysotile
256	2nd floor SP 210	FT20-black mastic	NA/PS
256		FT20-9x9 grey w/black & white streaks	NA/PS
257	2nd floor SP 202	FT21-black mastic	Trace Chrysotile[1]
257		FT21-12x12 tan w/ brown & white streaks floor tile/brown	ND<1%[1]
258	2nd floor SP 202	FT21-black mastic	ND<1%
258		FT21-12x12 tan w/ brown & white streaks floor tile/brown	ND<1%
259	2nd floor SP 200A	FT22-yellow glue	ND<1%[1]
259		FT22-12x12 black w/ white specks floor tile	ND<1%[1]
260	2nd floor SP 200A	FT22-yellow glue	ND<1%
260		FT22-12x12 black w/ white specks floor tile	ND<1%
261	2nd floor SP 203	FT23-black mastic	1.26% Chrysotile[1]
261		FT23-brown floor tile	5% Chrysotile
262	2nd floor SP 203	FT23-black mastic	ND<1%[+]
262		FT23-brown floor tile	NA/PS

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TABLE 1D BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
263	2nd floor SP break room 1	FT24-12x12 black mastic	3% Chrysotile
263		FT24-12x12 pale blue w/grey white confetti floor tile	ND<1%[1]
264	2nd floor SP break room 2	FT24-12x12 black mastic	NA/PS
264		FT24-12x12 pale blue w/grey white confetti floor tile	ND<1%
265	2nd floor sky lounge	FT25-12x12 cream confetti floor tile (glut to thin to sample)	ND<1%[1]
266	2nd floor sky lounge	FT25-12x12 cream confetti floor tile (glut to thin to sample)	ND<1%
267	2nd floor OPS 3	FT26-black mastic	ND<1%[1]
267		FT26-12x12 cream w/ grey confetti floor tile (greenish hue)	ND<1%[1]
268	2nd floor OPS 3	FT26-black mastic	ND<1%
268		FT26-12x12 cream w/ grey confetti floor tile (greenish hue)	ND<1%
269	3rd floor – room 81	FT27-black mastic	10% Chrysotile
269		FT27-9x9 tan w/maroon, brown & white streaks floor tile	5% Chrysotile
270	3rd floor – room 81	FT27-black mastic	NA/PS
270		FT27-9x9 tan w/maroon, brown & white streaks floor tile	NA/PS
271	3rd floor-room 81	FT28-black mastic	10% Chrysotile
271		FT28-12x12 light brown floor tile w/ long maroon & white streaks	3.35% Anthophyllite[1]
272	3rd floor-room 81	FT28-black mastic	NA/PS
272		FT28-12x12 light brown floor tile w/ long maroon & white streaks	ND<1%[+]
273	3rd floor room 80	FT29-black mastic	10% Chrysotile
273		FT29-9x9 light green w/ small black & white streaks	5% Chrysotile

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
274	3rd floor room 80	FT29-black mastic	NA/PS
274		FT29-9x9 light green w/ small black & white streaks	NA/PS
275	3rd floor-stair D	FT30-black mastic	3% Chrysotile
275		FT30-12x12 tan maroon/white confetti floor tile	5% Chrysotile
276	3rd floor-stair D	FT30-black mastic	NA/PS
276		FT30-12x12 tan maroon/white confetti floor tile	NA/PS
277	Ground floor BAD 5	FT31-black mastic	ND<1%[1]
277		FT31-12x12 tan w/ maroon & white confetti/orange floor tile	ND<1%[1]
278	Ground floor BAD 5	FT31-black mastic	ND<1%
278		FT31-12x12 tan w/ maroon & white confetti/orange floor tile	ND<1%
279	Ground floor – location E (or C)	SPF1-remnant spray-on fireproofing	60% Amosite
280	1st floor men's room	SPF1-remnant spray-on fireproofing	60% Amosite
281	3rd floor room 81	SPF1-remnant spray-on fireproofing	60% Amosite
282	Ground floor location C	SPF2-grey fluffy spray-on	ND<1%
283	Ground floor location C	SPF2-grey fluffy spray-on	ND<1%
284	Ground floor location C	SPF2-grey fluffy spray-on	ND<1%
285	Ground floor rm 23	SPF3-grey troweled on fireproofing w/mica flecks	ND<1%
286	Ground floor rm 23	SPF3-grey troweled on fireproofing w/mica flecks	ND<1%
287	Ground floor American baggage	SPF3-grey troweled on fireproofing w/mica flecks	ND<1%
288	1st floor snack bar 15	SPF3-grey troweled on fireproofing w/mica flecks	ND<1%
289	1st floor TPS room	SPF3-grey troweled on fireproofing w/mica flecks	ND<1%
290	1st floor 55A	SPF4-light grey fluffy spray-on (lighter then SPFa)	ND<1%

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TABLE 1D BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
291	1st floor 55A	SPF4-light grey fluffy spray-on (lighter then SPFa)	ND<1%
292	1st floor 55A	SPF4-light grey fluffy spray-on (lighter then SPFa)	ND<1%
293	1st floor wicked subs	SPF4A-thin grey (no mica flecks) spray-on fire proofing (thin application)	ND<1%
294	1st floor wicked subs	SPF4A-thin grey (no mica flecks) spray-on fire proofing (thin application)	ND<1%
295	1st floor wicked subs	SPF4A-thin grey (no mica flecks) spray-on fire proofing (thin application)	ND<1%
296	1st floor wicked subs	SPF5-white troweled on hard fireproofing	ND<1%
297	1st floor wicked subs	SPF5-white troweled on hard fireproofing	ND<1%
298	1st floor wicked subs	SPF5-white troweled on hard fireproofing	ND<1%
299	1st floor wicked subs kitchen	SPF6-cream rough troweled-on spray-on patch	ND<1%
300	1st floor wicked subs kitchen	SPF6-cream rough troweled-on spray-on patch	ND<1%
301	1st floor wicked subs kitchen	SPF6-cream rough troweled-on spray-on patch	ND<1%
302	Ground floor baggage corridor	SPFa-grey spray-on fireproofing (confirmation samples)	ND<1%
303	1st floor 55A	SPFa-grey spray-on fireproofing(confirmation samples)	ND<1%
304	1st floor wicked subs	SPFa-grey spray-on fireproofing(confirmation samples)	ND<1%
305	2nd floor OPS lobby	SPFa-grey spray-on fireproofing(confirmation samples)	ND<1%
306	2nd floor OPS room 1	SPFa-grey spray-on fireproofing(confirmation samples)	ND<1%
307	Ground floor location C	SPFa-grey spray-on fireproofing(confirmation samples)	ND<1%
308	Ground floor location D	SPFa-grey spray-on fireproofing(confirmation samples)	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
309	Ground floor women's bathroom	SPFa-grey spray-on fireproofing (confirmation samples)	40% Amosite
310	Ground floor room 73	SPFb-grey spray-on fireproofing (confirmation samples)	ND<1%
311	Ground floor room 73	SPFb-grey spray-on fireproofing (confirmation samples)	ND<1%
312	1st floor public corridor A	SPFc-grey spray-on fireproofing (confirmation samples)	ND<1%
313	Ground floor delta baggage	CB1-6" blue vinyl covebase	ND<1%[1]
314	Ground floor delta baggage	CB1-6" blue vinyl covebase	ND<1%
315	Ground floor delta baggage	CB2-6" black covebase	ND<1%[1]
316	Ground floor SC2	CB2-6" black covebase	ND<1%
317	Ground floor south escalator	CB3-6" grey covebase	ND<1%[1]
318	1st floor PCA	CB3-6" grey covebase	ND<1%
319	Ground floor stairwell S2	CB4-4" dark brown covebase	ND<1%[1]
320	1st floor mech elec. Rm 110	CB4-4" dark brown covebase	ND<1%
321	Ground floor hall B	CB5-4" black covebase	ND<1%[1]
322	Ground floor DAL 2	CB5-4" black covebase	ND<1%
323	Ground floor SC1	CB6-6" brown covebase	ND<1%[1]
324	1st floor wicked subs	CB6-6" brown covebase	ND<1%
325	Ground floor DAL1	CB7-4" blue covebase	ND<1%[1]
326	1st floor PCA	CB7-4" blue covebase	ND<1%
327	Ground floor 66A	CB8-4" grey cove base	ND<1%[1]
328	Ground floor 66A	CB8-4" grey cove base	ND<1%
329	Women's bathroom 5	CB9-4" white covebase	ND<1%[1]
330	Women's bathroom 5	CB9-4" white covebase	ND<1%
331	3rd floor hall	CB11-6" cream covebase	ND<1%[1]
332	3rd floor hall	CB11-6" cream covebase	ND<1%
333	2nd floor host kitchen hall	CB12-4" tan covebase	ND<1%[1]

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
334	2nd floor host kitchen host 1	CB12-4" tan covebase	ND<1%
335	Ground floor delta baggage	CBG1-cream covebase glue	ND<1%[1]
336	Ground floor delta baggage	CBG1-cream covebase glue	ND<1%
337	1st floor Public corridor A	CBG2-light brown covebase glue	ND<1%[1]
338	Ground floor delta baggage area	CBG2-light brown covebase glue	ND<1%
339	Ground floor south escalator	CBG3-tan covebase glue	ND<1%[1]
340	Ground floor SC1	CBG3-tan covebase glue	ND<1%
341	Ground floor stairwell S2	CBG3-tan covebase glue	ND<1%
342	Ground floor stairwell S2	CBG4-dark brown covebase glue	ND<1%[1]
343	1st floor Public corridor A	CBG4-dark brown covebase glue	ND<1%
344	4th floor FAA office	CBG5-black covebase glue	ND<1%[1]
345	4th floor FAA office	CBG5-black covebase glue	ND<1%
346	2nd floor SP210	CBG6-brownish green soft sticky covebase glue	5% Chrysotile
347	2nd floor SP210	CBG6-brownish green soft sticky covebase glue	NA/PS
348	Ground floor - PCA	C1-hard brittle light brown caulk	5% Chrysotile
349	Ground floor - PCA	C1-hard brittle light brown caulk	NA/PS
350	Ground floor rm 67	C2-old tan pliable caulk (ext. side of structure)	20% Anthophyllite
351	Basement rm 55	C2-old tan pliable caulk (ext. side of structure)	NA/PS
352	Ground floor rm 13	C3-grey flexible caulk	Trace Anthophyllite[1]
353	Ground floor rm 13	C3-grey flexible caulk	ND<1%
354	Ground floor rm 12	C4-white flexible caulk	ND<1%[1]
355	Ground floor rm 12	C4-white flexible caulk	ND<1%
356	Ground floor rm 10	C5-grey sticky flex caulk *(homogeneous to C16 and will be referred to as C16 throughout the report)*	ND<1%[1]

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TABLE 1D BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
357	Ground floor rm 10	C5-grey sticky flex caulk *(homogeneous to C16 and will be referred to as C16 throughout the report)*	ND<1%
358	1st floor PCA	C6-dark brown hard caulk *(homogeneous to C3 in IAB and will be referred to as C3 (IAB) throughout the report)*	Trace Anthophyllite[1] Trace Chrysotile[1]
359	1st floor PCA	C6-dark brown hard caulk *(homogeneous to C3 in IAB and will be referred to as C3 (IAB) throughout the report)*	ND<1%
360	1st floor PCA	C7-slightly flexible light brown caulk	ND<1%[1]
361	1st floor PCA	C7-slightly flexible light brown caulk	ND<1%
362	1st flr rm 35	C8-grey soft putty-like caulk	5% Chrysotile
363	1st flr rm 35	C8-grey soft putty-like caulk	NA/PS
364	1st flr hall outside rm 31	C9-semi-pliable sticky grey caulk (on ext. side of window)	Trace Chrysotile[1]
365	1st flr hall outside rm 31	C9-semi-pliable sticky grey caulk (on ext. side of window)	ND<1%
366	1st flr hall outside rm 31	C10-grey putty-like caulk w/ brown surface *(homogeneous to C15 and will be referred to as C15 throughout the report)*	20% Anthophyllite
367	1st flr hall outside rm 31	C10-grey putty-like caulk w/ brown surface *(homogeneous to C15 and will be referred to as C15 throughout the report)*	NA/PS
368	1st floor PCC entrance	C11-sticky, flexible dark brown caulk	ND<1%[1]
369	1st floor PCC entrance	C11-sticky, flexible dark brown caulk	ND<1%
370	Basement – rm 49 corridor	C12-tan hard pliable putty caulk on doors/vents (ext side)	10% Chrysotile
371	Basement – rm 49 corridor	C12-tan hard pliable putty caulk on doord/vents (ext side)	NA/PS
372	Control tower walkway	C13-white hard semi-pliable caulk	10% Anthophyllite

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
373	Control tower walkway	C13-white hard semi-pliable caulk	NA/PS
374	Control tower walkway	C14-dark brown flexible caulk	3% Chrysotile
375	Control tower walkway	C14-dark brown flexible caulk	NA/PS
376	Pent house	C15-tan putty-like caulk (noticeable odor)	3% Chrysotile
377	Pent house	C15-tan putty-like caulk (noticeable odor)	NA/PS
378	Ground floor PCA	PL1-plaster-white skimcoat	ND<1%
378		PL1-plaster-grey basecoat	ND<1%
379	Ground floor hall outside budget 14	PL1-plaster-white skimcoat	ND<1%
379		PL1-plaster-grey basecoat	ND<1%
380	Ground floor customs 15	PL1-plaster-white skimcoat	ND<1%
380		PL1-plaster-grey basecoat	ND<1%
381	Ground floor PCA	PL1-plaster-white skimcoat	ND<1%
381		PL1-plaster-grey basecoat	ND<1%
382	Ground flr SP 66A	PL1-plaster-white skimcoat	ND<1%
382		PL1-plaster-grey basecoat	ND<1%
383	1st floor public corridor A	PL1-plaster-white skimcoat	ND<1%
383		PL1-plaster-grey basecoat	ND<1%
384	1st floor public corridor B	PL1-plaster-white skimcoat	ND<1%
384		PL1-plaster-grey basecoat	ND<1%
385	1st flr hallway outside rm35	PL1-plaster-white skimcoat	ND<1%
385		PL1-plaster-grey basecoat	ND<1%
386	3rd floor room 78	PL1-plaster-white skimcoat	ND<1%
386		PL1-plaster-grey basecoat	ND<1%
387	3rd floor room 76	PL1-plaster-white skimcoat	ND<1%
387		PL1-plaster-grey basecoat	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
388	2nd floor SP 208	PL1-plaster-white skimcoat	ND<1%
388		PL1-plaster-grey basecoat	ND<1%
389	2nd floor hallway outside SP	PL1-plaster-white skimcoat	ND<1%
389		PL1-plaster-grey basecoat	ND<1%
390	4th floor bathroom	PL1-plaster-white skimcoat	ND<1%
390		PL1-plaster-grey basecoat	ND<1%
391	Penthouse	PL1-plaster- grey basecoat only	ND<1%
392	Ground floor 2C	PL3-soft tan plaster w/ mica flecks	ND<1%
393	Ground floor 2C	PL3-soft tan plaster w/ mica flecks	ND<1%
394	Ground floor 2B	PL3-soft tan plaster w/ mica flecks	ND<1%
395	Basement disposal room	PL3A-plaster-rough white skimcoat	ND<1%
395		PL3A-plaster-grey basecoat	ND<1%
396	Basement disposal room	PL3A-plaster-rough white skimcoat	ND<1%
396		PL3A-plaster-grey basecoat	ND<1%
397	Basement disposal room	PL3A-plaster-rough white skimcoat	ND<1%
397		PL3A-plaster-grey basecoat	ND<1%
398	Ground floor - PCA	SHR1-white joint compound	ND<1%
398		SHR1-light grey sheetrock	ND<1%
399	1st floor stairwell lobby 1	SHR1-white joint compound	ND<1%
399		SHR1-light grey sheetrock	ND<1%
400	1st floor Jazz 1	SHR1-white joint compound	ND<1%
400		SHR1-light grey sheetrock	ND<1%
401	Ground floor - PCA	SHR2-white joint compound	ND<1%
401		SHR2-white sheetrock	ND<1%
402	Ground floor delta baggage area	SHR2-white joint compound	ND<1%
402		SHR2-white sheetrock	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
403	1st floor wicked subs kitchen	SHR2-white joint compound	ND<1%
403		SHR2-white sheetrock	ND<1%
404	2nd floor host kitchen hallway	SHR3-white joint compound	ND<1%
404		SHR3-brown sheetrock	ND<1%
405	2nd floor host kitchen hallway	SHR3-white joint compound	ND<1%
405		SHR3-brown sheetrock	ND<1%
406	Ground floor – PCA	WG1-black putty interior window glaze	ND<1%[1]
407	Ground floor – PCA	WG1-black putty interior window glaze	ND<1%
408	1st floor hallway outside room 35	WG2-hard grey glaze on interior double pane metal windows	Trace Chrysotile[1]
409	1st floor hallway outside room 35	WG2-hard grey glaze on interior double pane metal windows	ND<1%
410	1st floor AA tickets	WG3-hard tan window glaze on large (5'x7') metal framed windows	1.81% Chrysotile[1]
411	1st floor AA tickets	WG3-hard tan window glaze on large (5'x7') metal framed windows	ND<1%[+]
412	1st floor wicked subs ramp	WG4-flex grey glaze on large 5'x7' windows	ND<1%[1]
413	2nd floor murphy conference room	WG4-flex grey glaze on large 5'x7' windows	ND<1%
414	Ground floor rm 68A	WG5-hard white glaze on metal windows	1.24% Anthophyllite[1]
415	3rd floor rm 50	WG5-hard white glaze on metal windows	ND<1%[+]
416	Control tower	WG6-black putty glaze on 7'x10' metal framed windows	10% Chrysotile
417	Control tower	WG6-black putty glaze on 7'x10' metal framed windows	NA/PS
418	Control tower	WG7-grey putty glaze on 7'x10' metal framed windows	10% Chrysotile
419	Control tower	WG7-grey putty glaze on 7'x10' metal framed windows	NA/PS
420	4th floor – bathroom *(ACM COC sample location is incorrect)*	WG8-hard white window glaze patch	3.25% Anthophyllite[1]

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TABLE 1D BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
421	4th floor – bathroom *(ACM COC sample location is incorrect)*	WG8-hard white window glaze patch	ND<1%+
422	2nd floor – SP telecom tower *(ACM COC sample location is incorrect)*	WG9-hard grey glaze on single pane metal framed window	ND<1%[1]
423	2nd floor – SP telecom tower *(ACM COC sample location is incorrect)*	WG9-hard grey glaze on single pane metal framed window	ND<1%
424	2nd floor-hall 2C *(ACM COC sample location is incorrect)*	WG10-grey soft flex glaze in large single pane metal windows (5'x4')	ND<1%[1]
425	2nd floor-hall 2C *(ACM COC sample location is incorrect)*	WG10-grey soft flex glaze in large single pane metal windows (5'x4')	ND<1%
426	2nd floor – airport admin 2 *(ACM COC sample location is incorrect)*	WG11-black putty patch window glaze *(homogeneous to WG12 and will be referred to as WG12 throughout the report)*	Trace Chrysotile[1]
427	2nd floor – airport admin 2 *(ACM COC sample location is incorrect)*	WG11-black putty patch window glaze *(homogeneous to WG12 and will be referred to as WG12 throughout the report)*	ND<1%
428	Ground floor delta baggage area	DWG1-black putty door window glaze	ND<1%[1]
429	Ground floor stairwell S2	DWG1-black putty door window glaze	ND<1%
430	Ground floor rm 23	DWG4-grey putty door window glaze	10% Chrysotile
431	Ground floor American baggage	DWG4-grey putty door window glaze	NA/PS
432	Ground floor rm 12	DWG5-white putty door window glaze	17.94% Chrysotile[1]
433	Ground floor rm 12	DWG5-white putty door window glaze	Trace Chrysotile+
434	Ground floor rm 73	TVB1-black tar vapor barrier behind 5"x5" ceramic wall base	ND<1%[1]
435	Ground floor rm 73	TVB1-black tar vapor barrier behind 5"x5" ceramic wall base	ND<1%
436	Ground floor above rm 24A	TVB2-black tar/felt layers on face of upper concrete deck beam (2" visible)	60% Chrysotile
437	Ground floor above rm 24A	TVB2-black tar/felt layers on face of upper concrete deck beam (2" visible)	NA/PS
438	1st floor wicked subs	TVB3-black tar vapor barrier on concrete deck	30% Chrysotile

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
439	1st floor wicked subs	TVB3-black tar vapor barrier on concrete deck	NA/PS
440	Basement rm 157	TVB4-tar layer in walk-in refrigerator ceiling	ND<1%[1]
441	Basement rm 157	TVB4-tar layer in walk-in refrigerator ceiling	ND<1%
442	Basement rm 157	TVB5-tar layer on backside of walkin refrigerator walls	10% Chrysotile
443	Basement rm 157	TVB5-tar layer on backside of walkin refrigerator walls	NA/PS
444	Basement window outside boiler rm	TVB6-black tar vapor on top of metal lentil *(homogeneous to WVB3 and will be referred to as WVB3 throughout the report)*	60% Chrysotile
445	Basement window outside boiler rm	TVB6-black tar vapor on top of metal lentil *(homogeneous to WVB3 and will be referred to as WVB3 throughout the report)*	NA/PS
446	1st floor sam adams	TVB7-black tar vapor barrier on backside of bricks *(homogeneous to WVB4 and will be referred to as WVB4 throughout the report)*	60% Chrysotile
447	1st floor sam adams	TVB7-black tar vapor barrier on backside of bricks *(homogeneous to WVB4 and will be referred to as WVB4 throughout the report)*	NA/PS
448	2nd floor SP rm 208	TVB8-black tar felt vapor barrier between concrete	30% Chrysotile
449	2nd floor SP rm 208	TVB8-black tar felt vapor barrier between concrete	NA/PS
450	3rd floor room 80	TVB9-black tar felt vapor barrier coming out of concrete deck	60% Chrysotile
451	3rd floor room 80	TVB9-black tar felt vapor barrier coming out of concrete deck	NA/PS
452	1st floor - PBB	TVB10-black tar felt vapor barrier coming out of concrete deck	60% Chrysotile

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
453	1st floor - PBB	TVB10-black tar felt vapor barrier coming out of concrete deck	NA/PS
454	Ground floor american baggage	DS1-hard tan sealant on duct seams under silver fiberglass coating insulation	Trace Chrysotile[1]
455	Ground floor american baggage	DS1-hard tan sealant on duct seams under silver fiberglass coating insulation	ND<1%
456	4th floor fan room	DS3-cream/tan duct patch on metal ducts	5% Chrysotile
457	4th floor fan room	DS3-cream/tan duct patch on metal ducts	NA/PS
458	2nd floor host kitchen hall	DS4- brown seam sealant on cork duct insulation (it is glue holding it to metal duct as well)	ND<1%[1]
459	2nd floor host kitchen hall	DS4- brown seam sealant on cork duct insulation (it is glue holding it to metal duct as well)	ND<1%
460	2nd floor host 4	DS5-grey putty duct sealant between/on top of duct seams	20% Chrysotile
461	2nd floor host 4	DS5-grey putty duct sealant between/on top of duct seams	NA/PS
462	2nd floor host 6	DS6-yellow crumbly duct glue holding up grey coated fiberglass insulation	ND<1%[1]
463	2nd floor host 6	DS6-yellow crumbly duct glue holding up grey coated fiberglass insulation	ND<1%
464	3rd floor rm 80	DS7-red duct sealant on duct corner	ND<1%[1]
465	3rd floor rm 80	DS7-red duct sealant on duct corner	ND<1%
466	Ground floor BAD 2	DS8-grey putty sealant on HVAC unit above ceiling (40LF)	ND<1%[1]
467	Ground floor BAD 2	DS8-grey putty sealant on HVAC unit above ceiling (40LF)	ND<1%
468	Ground floor delta baggage area	LEV1-white leveler/black residual	13.75% Chrysotile[1]
469	Ground floor delta baggage area	LEV1-white leveler/black residual	ND<1%[+]
470	Ground floor PCA	LEV2-brown leveler	ND<1%
471	Ground floor budget 14	LEV2-brown leveler	ND<1%
472	Ground floor PCA	LEV3-grey leveler	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
473	Ground floor PCA	LEV3-grey leveler	ND<1%
474	Ground floor PCA	LEV4-grey/black/green layered material leveler	ND<1%[1]
475	Ground floor PCA	LEV4-grey/black/green layered material leveler	ND<1%
476	1st floor PCC	LEV5-white leveler	ND<1%
477	1st floor PCC	LEV5-white leveler	ND<1%
478	Ground floor delta baggage area	CG1-yellow-orange glue	ND<1%[1]
479	Ground floor PCA	CG1-yellow-orange glue	ND<1%
480	Ground floor customs 15	CG2-beige carpet glue	ND<1%[1]
481	Ground floor customs 15	CG2-beige carpet glue	ND<1%
482	Ground floor rm 24	CG3-green carpet glue	ND<1%[1]
483	Ground floor rm 24A	CG3-green carpet glue	ND<1%
484	1st floor host lounge A	CG4-yellow powdery carpet glue	ND<1%[1]
485	1st floor host lounge A	CG4-yellow powdery carpet glue	ND<1%
486	Ground floor delta baggage area	WCG1-yellow/orange wall carpet glue	ND<1%[1]
487	Ground floor American baggage area	WCG1-yellow/orange wall carpet glue	ND<1%
488	Ground floor PCA	WCG2-white flaky glue behind wall carpet	ND<1%[1]
489	Ground floor PCA	WCG2-white flaky glue behind wall carpet	ND<1%
490	Control tower	WCG3-dark orange wall carpet glue	ND<1%[1]
491	Control tower	WCG3-dark orange wall carpet glue	ND<1%
492	Ground floor PCA	WPG1-yellow glue behind plastic wall panel	ND<1%[1]
493	Ground floor PCA	WPG1-yellow glue behind plastic wall panel	ND<1%
494	Ground floor PCA	WPG2-cream glue behind blue plastic wall panel	ND<1%[1]
495	Ground floor PCA	WPG2-cream glue behind blue plastic wall panel	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
496	1st floor rm 28	SU1-white sink undercoating	ND<1%[1]
497	1st floor rm 28	SU1-white sink undercoating	ND<1%
498	1st floor wicked subs	SU2-black sink tar undercoating	ND<1%[1]
499	1st floor wicked subs	SU2-black sink tar undercoating	ND<1%
500	1st floor munsons rm 43	SU3-black thin smooth sink undercoating	Trace Chrysotile[1]
501	1st floor munsons rm 43	SU3-black thin smooth sink undercoating	ND<1%
502	2nd floor-sky lounge kitchen	SU4-black sink tar undercoating	ND<1%[1]
503	2nd floor-sky lounge kitchen	SU4-black sink tar undercoating	ND<1%
504	Ground floor stairwell S2	FS1-dark red fire penetration caulk	ND<1%[1]
505	Ground floor generator #2 room	FS1-dark red fire penetration caulk	ND<1%
506	Ground floor room 68	FS2-brown fire penetration caulk	ND<1%[1]
507	Ground floor room 68	FS2-brown fire penetration caulk	ND<1%
508	Ground floor women's bathroom 1	CWB1-cement wall board	ND<1%
509	Ground floor women's bathroom 1	CWB1-cement wall board	ND<1%
510	Ground floor delta baggage	TOC1-trowled-on soft concrete	ND<1%
511	Ground floor delta baggage	TOC1-trowled-on soft concrete	ND<1%
512	Ground floor delta baggage	TOC1-trowled-on soft concrete	ND<1%
513	Control tower walkway	FL1-black flashing tar on walkways seams & screws	10% Chrysotile
514	Control tower walkway	FL1-black flashing tar on walkways seams & screws	NA/PS
515	Control tower walkway	FL2-white flashing tar (over FL1)	ND<1%[1]
516	Control tower walkway	FL2-white flashing tar (over FL1)	ND<1%
517	Control tower	GAL1-black tar galbestos coating	30% Chrysotile
518	Control tower	GAL1-black tar galbestos coating	NA/PS
519	1st floor PCA	M1-residual black mastic	ND<1%[1]
520	1st floor PCB	M1-residual black mastic	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
521	Control tower	M3-black mastic under 9x9 grey w/small white specks floor tile	3% Chrysotile
522	Control tower	M3-black mastic under 9x9 grey w/small white specks floor tile	NA/PS
523	Basement disposal room A	FD1-white fire door insulation	ND<1%
524	Basement disposal room A	FD1-white fire door insulation	ND<1%
525	4th floor room 83B	FD2-white fire door insulation (wd door w/ metal covering)	30% Chrysotile 3% Amosite
526	2nd floor host 4	FD2-white fire door insulation (wd door w/ metal covering)	NA/PS
527	2nd floor OPS lobby	FD3-white fire door insulation in wood door	60% Chrysotile 5% Amosite
528	2nd floor OPS lobby	FD3-white fire door insulation in wood door	NA/PS
529	Ground floor room 23	TC1-cream wavy textured coating on concrete block walls	ND<1%
530	Ground floor room 23	TC1-cream wavy textured coating on concrete block walls	ND<1%
531	Ground floor room 23	TC1-cream wavy textured coating on concrete block walls	ND<1%
532	Ground floor rm 12	EJ1-black expansion joint material in floor	ND<1%[1]
533	Ground floor rm 12	EJ1-black expansion joint material in floor	ND<1%
534	Basement boiler room	EJ2-black tar expansion joint material in concrete around boilers (and part of boiler room)	Trace Chrysotile[1]
535	Basement boiler room	EJ2-black tar expansion joint material in concrete around boilers (and part of boiler room)	ND<1%
536	Ground floor hall outside budget 14	RT1-residual black tar daubs on wall	1.33% Chryostile[1]
537	Ground floor hall outside budget 14	RT1-residual black tar daubs on wall	ND<1%[+]
538	2nd floor sky lounge	RI1-corrugated radiator insulation	30% Chrysotile

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
539	2nd floor sky lounge	RI1-corrugated radiator insulation	NA/PS
540	2nd floor sky lounge	RI1-corrugated radiator insulation	NA/PS
541	1st floor public corridor C	SC1-white skimcoat	ND<1%
542	1st floor public corridor C	SC1-white skimcoat	ND<1%
543	1st floor public corridor C	SC1-white skimcoat	ND<1%
544	4th floor stairwell C	DWG6-hard white door window glaze *(homogeneous to DWG4 and will be referred to as DWG4 throughout the report)*	Trace Anthophyllite[1]
545	4th floor stairwell C	DWG6-hard white door window glaze*(homogeneous to DWG4 and will be referred to as DWG4 throughout the report)*	ND<1%
546	Ground floor rm 10	WS1-grey stone material/brown grout	ND<1%
547	Ground floor rm 10	WS1-grey stone material/brown grout	ND<1%
548	1st floor sam adams	LIN1-yellow glue	ND<1%[1]
548		LIN1-3”x3’ wood stain pattern flooring	ND<1%[1]
549	1st floor sam adams	LIN1-yellow glue	ND<1%
549		LIN1-3”x3’ wood stain pattern flooring	ND<1%
550	3rd floor rm 77a	LIN2-yellow glue	ND<1%[1]
550		LIN2-tan small stone pattern linoleum	ND<1%[1]
551	3rd floor rm 77	LIN2-yellow glue	ND<1%
551		LIN2-tan small stone pattern linoleum	ND<1%
552	1st floor wicked subs ramp	RTC1-black thin tar-like coating on inside of metal radiator	ND<1%[1]
553	1st floor wicked subs ramp	RTC1-black thin tar-like coating on inside of metal radiator	ND<1%
554	2nd floor OPS 3	RTC1A-black thin tar-like coating on concrete block behind radiators	Trace Anthophyllite[1]
555	2nd floor OPS 3	RTC1A-black thin tar-like coating on concrete block behind radiators	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
556	Ground floor rm 69	FC1-soft white flue caulk	5% Chrysotile
557	Ground floor rm 69	FC1-soft white flue caulk	NA/PS
558	Ground floor badging	FTP1-old black tar flashing paper below deck (old roofing)	20% Chrysotile
559	Ground floor badging	FTP1-old black tar flashing paper below deck (old roofing)	NA/PS
560	Ground floor room 69	TI1-tan mud over grey insulation	ND<1%
561	Ground floor room 69	TI1-tan mud over grey insulation	ND<1%
562	Ground floor room 69	TI1-tan mud over grey insulation	ND<1%
563	3rd floor rm FAA1	TP1-transite panel w/ holes	30% Chrysotile
564	3rd floor rm FAA1	TP1-transite panel w/ holes	NA/PS
565	Basement boiler room	PS1-hard white seam sealant on fiberglass/PVC insulation	ND<1%[1]
566	Basement boiler room	PS1-hard white seam sealant on fiberglass/PVC insulation	ND<1%
567	Basement boiler room	PS1-hard white seam sealant on fiberglass/PVC insulation	ND<1%
568	Control tower walkway	SP1-black fibrous packing material at metal panel seams	ND<1%
569	Control tower walkway	SP1-black fibrous packing material at metal panel seams	ND<1%
570	Ground floor delta baggage	PW1-tar coating between paper/foil layers of fiberglass pipe insulation coating	ND<1%
571	Ground floor PCA	PW1-tar coating between paper/foil layers of fiberglass pipe insulation coating	ND<1%
572	Ground floor rm 2B	PW1-tar coating between paper/foil layers of fiberglass pipe insulation coating	ND<1%
573	Ground floor PCA	PI1-tan paper/cloth/black tar/black insulation	10% Chrysotile
574	Ground floor hall outside budget14	PI1-tan paper/cloth/black tar/black insulation	NA/PS

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
575	Ground floor hall outside budget14	PI1-tan paper/cloth/black tar/black insulation	NA/PS
576	Ground floor PCA	RM1-residual black mastic	3% Chrysotile
577	Ground floor PCA	RM1-residual black mastic	NA/PS
578	1st floor sam adams	PM1-white patching material	ND<1%
579	1st floor sam adams	PM1-white patching material	ND<1%
580	Ground floor rm 74	PPS1-white fibrous packing material	10% Chrysotile
581	Ground floor rm 74	PPS1-white fibrous packing material	NA/PS
582	Basement rm 151	PPS2-grey putty pipe penetration sealant	60% Chrysotile
583	Basement rm 151	PPS2-grey putty pipe penetration sealant	NA/PS
584	3rd floor rm 77	VB2A-tan flaky paper vapor barrier	ND<1%
585	3rd floor rm 77	VB2A-tan flaky paper vapor barrier	ND<1%
586	1st floor outside rm 43	GDa-dark brown glue daub from remnant ceiling tile	ND<1%[1]
587	2nd floor kitchen host 4	DD1-white/black debris stuck on metal duct	60% Amosite
588	1st floor room 55B	FTc – black mastic associated with FTc	ND<1%[1]
589	Ground floor room 69	CAL1-white calcil pipe insulation (metal encased)	ND<1%
590	Ground floor room 69	CAL1-white calcil pipe insulation (metal encased)	ND<1%
591	Ground floor room 69	CAL1-white calcil pipe insulation (metal encased)	ND<1%
592	4th floor-machine room	SPFd-white hard porous spray-on insulation (same as basement spray-on)	ND<1%
593	4th floor-machine room	SPFd-white hard porous spray-on insulation (same as basement spray-on)	ND<1%
594	Murphy Terminal Exterior	C16 Gray flexible tacky caulk	ND<1%[1]
595	Murphy Terminal Exterior	C16 Gray flexible tacky caulk	ND<1%
596	Murphy Terminal Exterior	C17 Black really flexible caulk	ND<1%[1]
597	Murphy Terminal Exterior	C17 Black really flexible caulk	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
598	Murphy Terminal Exterior	C18 Beige flexible caulk	ND<1%[1]
599	Murphy Terminal Exterior	C18 Beige flexible caulk	ND<1%
600	Murphy Terminal Exterior	C19 Tan putty caulk *(homogeneous to C2 and will be referred to as C2 throughout the report)*	20% Anthophyllite
601	Murphy Terminal Exterior	C19 Tan putty caulk *(homogeneous to C2 and will be referred to as C2 throughout the report)*	NA/PS
602	Murphy Terminal Exterior	C20 Hard brittle white caulk	3.88% Anthophyllite[1]
603	Murphy Terminal Exterior	C20 Hard brittle white caulk	ND<1%[+]
604	Murphy Terminal Exterior	C21 Dark gray wavy caulk under metal window sill (only on edge)	3.96% Chrysotile[1]
605	Murphy Terminal Exterior	C21 Dark gray wavy caulk under metal window sill (only on edge)	Trace Chrysotile[+]
606	Murphy Terminal Exterior	C22 Gray sticky flexible caulk	ND<1%[1]
607	Murphy Terminal Exterior	C22 Gray sticky flexible caulk	ND<1%
608	Gr. Fl. Exterior A side	$C22_a$ Light Gray flexible caulk on concrete/floor/plant bed joints	ND<1%[1]
609	Gr. Fl. Exterior A side	$C22_a$ Light Gray flexible caulk on concrete/floor/plant bed joints	ND<1%
610	Exterior Wicked Good Subs	C23 Stretchy light brown caulk	Trace Chrysotile[1]
611	Exterior Wicked Good Subs	C23 Stretchy light brown caulk	ND<1%
612	Exterior Wicked Good Subs	C24 Hard semi flex gray caulk on old concrete window sills	Trace Chrysotile[1] Trace Anthophyllite[1]
613	Exterior Wicked Good Subs	C24 Hard semi flex gray caulk on old concrete window sills	ND<1%
614	Exterior Wicked Good Subs	C25 Brittle silver caulk behind metal window panels	10% Chrysotile
615	Exterior Wicked Good Subs	C25 Brittle silver caulk behind metal window panels	NA/PS
616	Murphy Terminal Exterior	ST1 Gray cementitious material under small pebble stucco exterior panels	ND<1%[1]

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TABLE 1D BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
617	Murphy Terminal Exterior	ST1 Gray cementitious material under small pebble stucco panels	ND<1%
618	2nd fl. SPCTS 1	M4 Black residual mastic	10% Chrysotile
619	2nd fl. SPCTS 1	M4 Black residual mastic	NA/PS
620	Murphy Terminal Exterior	PT1 Gray putty-like pipe tape on electrical conduit (5")	ND<1%[1]
621	Murphy Terminal Exterior	PT1 Gray putty-like pipe tape on electrical conduit (5")	ND<1%
622	Area 62	C26 stretchy sticky gray caulk on AA addition	ND<1%[1]
623	Area 62	C26 stretchy sticky gray caulk on AA addition	ND<1%
624	Gr. Fl. Exterior room 34	C27 Hard tan caulk under metal window sill *(homogeneous to C8 and will be referred to as C8 throughout the report)*	3% Chrysotile
625	Gr. Fl. Exterior room 34	C27 Hard tan caulk under metal window sill *(homogeneous to C8 and will be referred to as C8 throughout the report)*	NA/PS
626	West roof o/s penthouse	C28 Gray brittle caulk on top of parapet	Trace Anthophyllite[1]
627	West roof o/s penthouse	C28 Gray brittle caulk on top of parapet	ND<1%
628	3rd Fl. roof	C29 Stretchy flex gray brown caulk	Trace Chrysotile[1]
629	3rd Fl. roof	C29 Stretchy flex gray brown caulk	ND<1%
630	Murphy Terminal Exterior	PHT1 Silver tape wrap on pipe hanger	ND<1%[1]
631	Murphy Terminal Exterior	PHT1 Silver tape wrap on pipe hanger	ND<1%
632	Murphy Terminal Exterior	TVB11 Black brittle tar vapor barrier	ND<1%[1]
633	Murphy Terminal Exterior	TVB11 Black brittle tar vapor barrier	ND<1%
634	1st Fl. Exterior south	RM1 Hard black expansion joint w/fiberglass	ND<1%[1]
635	1st Fl. Exterior south	RM1 Hard black expansion joint w/fiberglass	ND<1%
636	2nd Fl. Room 216E	CT29 1x1 wormhole ceiling tile	ND<1%
637	2nd Fl. Room 216E	CT29 1x1 wormhole ceiling tile	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
638	3rd Fl. Room CC2	CB13 Brittle 6" black cove base	5% Chrysotile
639	3rd Fl. Room CC2	CB13 Brittle 6" black cove base	NA/PS
640	3rd Fl. Room CC2	CBG7 Black cove base glue assoc. w/CB13	5% Chrysotile
641	3rd Fl. Room CC2	CBG7 Black cove base glue assoc. w/CB13	NA/PS
642	Murphy Terminal Exterior	DWG7 White flexible window glaze in garage doors	ND<1%[1]
643	Murphy Terminal Exterior	DWG7 White flexible window glaze in garage doors	ND<1%
644	Murphy Terminal Exterior	WG12 Black putty window glaze	3% Chrysotile
645	Murphy Terminal Exterior	WG12 Black putty window glaze	NA/PS
646	3rd Fl. Room CC1	FT32 black mastic	10% Chrysotile
646		FT32 9x9 light gray w/black and white streaks floor tile	5% Chrysotile
647	3rd Fl. Room CC1	FT32 black mastic	NA/PS
647		FT32 9x9 light gray w/black and white streaks floor tile	NA/PS
648	2nd Fl. Room 216A	Fl3 Remnant roof tar flashing on concrete beam above deck	20% Chrysotile
649	2nd Fl. Room 216A	Fl3 Remnant roof tar flashing on concrete beam above deck	NA/PS
650	2nd Fl. Room 216E	G53 Brown glue behind CT29	ND<1%[1]
651	2nd Fl. Room 216E	G53 Brown glue behind CT29	ND<1%
652	Murphy Terminal Exterior	G54 Cream glue daubs behind ST1 Styrofoam panels	ND<1%[1]
653	1st Fl. Exterior south	G54 Cream glue daubs behind ST1 Styrofoam panels	ND<1%
654	Area 62 upper roof	G55 Sticky putty glue under metal roofing	ND<1%[1]
655	Area 62 upper roof	G55 Sticky putty glue under metal roofing	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
656	WFSB Penthouse	G56 Dark brown glue daubs behind (paper/cork/ ACM) duct insulation on metal	ND<1%[1]
657	WFSB Penthouse	G56 Dark brown glue daubs behind (paper/cork/ ACM) duct insulation on metal	ND<1%
658	Area 62	WG13 gray putty window glaze on AA addition	10% Chrysotile
659	Area 62	WG13 gray putty window glaze on AA addition	NA/PS
660	WFSB Penthouse	DS9 Rust pliable duct sealant between metal seams	ND<1%[1]
661	WFSB Penthouse	DS9 Rust pliable duct sealant between metal seams	ND<1%
662	4th FL. Roof o/s penthouse	RP1 Asphalt walking tile (2.5x4.5 ft.)	ND<1%[1]
663	4th FL. Roof o/s penthouse	RP1 Asphalt walking tile (2.5x4.5 ft.)	ND<1%
664	4th Fl. Roof	RF1 Tar layers/2” foam/Tar/concrete deck	ND<1%[1]
665	4th Fl. Roof	RF1 Tar layers/2” foam/Tar/concrete deck	ND<1%
666	4th Fl. Roof	RF2 Asphalt tar/fiberglass/tar/concrete 1.5” thick	1.52% Chrysotile[1]
667	4th Fl. Roof	RF2 Asphalt tar/fiberglass/tar/concrete 1.5” thick	ND<1%+
668	4th Fl. Roof	RF3 Asphalt tar/foam/tar/foam/tar/concrete 3”thick	ND<1%[1]
669	4th Fl. Roof	RF3 Asphalt tar/foam/tar/foam/tar/concrete 3”thick	ND<1%
670	Murphy 3rd Fl. Roof	RF4 Asphalt/tar/foam/tar/foam/tar/concrete	Trace Chrysotile[1]
671	Murphy 3rd Fl. Roof	RF4 Asphalt/tar/foam/tar/foam/tar/concrete	ND<1%
672	Murphy 3rd Fl. Roof	RF5 Asphalt/fiberglass/tar/foam/tar/metal deck 6” deep	Trace Chrysotile[1]

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
673	Murphy 3rd Fl. Roof	RF5 Asphalt/fiberglass/tar/foam/tar/metal deck 6" deep	ND<1%
674	4th FL. Roof o/s penthouse	PEN1 Penetration tar flashing	3% Chrysotile
675	4th FL. Roof o/s penthouse	PEN1 Penetration tar flashing	NA/PS
676	3rd Fl. Roof	PEN2 Penetration flashing tar	1.80% Chrysotile[1]
677	3rd Fl. Roof	PEN2 Penetration flashing tar	ND<1%+
678	3rd Fl. Roof	PEN3 Penetration flashing tar	7.76% Chrysotile[1]
679	3rd Fl. Roof	PEN3 Penetration flashing tar	ND<1%+
680	4th FL. Roof	PER1 Perimeter tar flashing	3.75% Chrysotile[1]
681	4th FL. Roof	PER1 Perimeter tar flashing	ND<1%+
682	4th FL. Roof west	PER2 Perimeter roof flashing tar	Trace Chrysotile[1]
683	4th FL. Roof west	PER2 Perimeter roof flashing tar	ND<1%
684	3rd Fl. Roof	PER3 Perimeter flashing tar	1.85% Chrysotile[1]
685	3rd Fl. Roof	PER3 Perimeter flashing tar	ND<1%+
686	3rd Fl. Roof-c	PER4 Perimeter flashing tar	Trace Chrysotile[1]
687	3rd Fl. Roof-c	PER4 Perimeter flashing tar	ND<1%
688	1st Fl. Roof east of S.P.	DS10 light gray putty duct sealant in HVAC duct unit seams	ND<1%[1]
689	1st Fl. Roof north of S.P.	DS10 light gray putty duct sealant in HVAC duct unit seams	ND<1%
690	1st Fl. Roof north of S.P.	DS11 Beige putty duct sealant between HVAC seams	1.69% Anthophyllite[1]
691	1st Fl. Roof north of S.P.	DS11 Beige putty duct sealant between HVAC seams	ND<1%+
692	3rd Fl. Exterior door	C30 Gray semi-flexible caulk (on 3rd Fl. Ext. windows) *(homogeneous to C24)*	Trace Anthophyllite[1]

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
693	3rd Fl. Exterior door	C30 Gray semi-flexible caulk (on 3rd Fl. Ext. windows) *(homogeneous to C24)*	ND<1%
694	1st Fl. Roof next to S.P.	C31 Beige stretchy tacky caulk w/gray exterior	ND<1%[1]
695	1st Fl. Roof next to S.P.	C31 Beige stretchy tacky caulk w/gray exterior	ND<1%
696	1st Fl. Roof east of S.P.	RF6 White asphalt roll-on/asphalt/cellulose insulation/tar/concrete	ND<1%[1]
697	1st Fl. Roof east of S.P.	RF6 White asphalt roll-on/asphalt/cellulose insulation/tar/concrete	ND<1%
698	1st Fl. Roof north of S.P.	RF7 Gray roll-on/asphalt/4”-5” cellulose/tar/concrete	ND<1%[1]
699	1st Fl. Roof north of S.P.	RF7 Gray roll-on/asphalt/4”-5” cellulose/tar/concrete	ND<1%
700	2nd Fl. Roof east over S.P.	RFL1 Flexible flashing sealant on rubber membrane roof	ND<1%[1]
701	2nd Fl. Roof over S.P.	RFL1 Flexible flashing sealant on rubber membrane roof	ND<1%
702	2nd Fl. Roof over S.P.	RFL2 Roof flashing on stairwell hatch	ND<1%[1]
703	2nd Fl. Roof over S.P.	RFL2 Roof flashing on stairwell hatch	ND<1%
704	1st Fl. Roof north of S.P.	FL4 Black flashing tar on duct	10% Chrysotile
705	1st Fl. Roof north of S.P.	FL4 Black flashing tar on duct	NA/PS
706	1st Fl. Roof next to S.P.	PBT1 Black pitch box tar	Trace Chrysotile[1]
707	1st Fl. Roof next to S.P.	PBT1 Black pitch box tar	ND<1%
708	1st Fl. Roof north of S.P.	RT1 Black cork-like roof (1.5x2.5 ft.)	ND<1%[1]
709	1st Fl. Roof north of S.P.	RT1 Black cork-like roof (1.5x2.5 ft.)	ND<1%
710	Exterior - host lounge 14	C32-beige brittle caulk	Trace Chrysotile[1] Trace Anthophyllite[1]
711	Exterior - host lounge 14	C32-beige brittle caulk	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
712	Exterior - host lounge 14	C33-tan brittle (w/ greyish exterior) caulk	3% Chrysotile
713	Exterior - host lounge 14	C33-tan brittle (w/ greyish exterior) caulk	NA/PS
714	Exterior - host lounge 14	WG14-brown soft crumbly window glaze	27.32% Chrysotile[1]
715	Exterior - host lounge 14	WG14-brown soft crumbly window glaze	ND<1%[+]
716	Exterior - host lounge 14	WG15-white brittle replacement glaze *(homogeneous to C33 and will be referred to as C33 throughout the report)*	3% Chrysotile
717	Exterior - host lounge 14	WG15-white brittle replacement glaze *(homogeneous to C33 and will be referred to as C33 throughout the report)*	NA/PS
718	Exterior - host lounge 14	WRG1-white rope gasket behind metal frame	40% Chrysotile
719	Exterior - host lounge 14	WRG1-white rope gasket behind metal frame	NA/PS
720	1st floor roof – North of SP	G57-greyish tan brittle glue globs on wire fence	ND<1%[1]
721	1st floor roof – North of SP	G57-greyish tan brittle glue globs on wire fence	ND<1%
722	1st floor roof – North of SP	DS12-grey brittle sealant on duct exterior	ND<1%[1]
723	1st floor roof – North of SP	DS12-grey brittle sealant on duct exterior	ND<1%
724	1st floor roof – NW of SP	DS13-grey putty duct sealant in seams	ND<1%[1]
725	1st floor roof – NW of SP	DS13-grey putty duct sealant in seams	ND<1%
726	1st floor roof – NW of SP	RF8-white asphalt roll-on/asphalt/cellulose/asphalt/tar	ND<1%[1]
727	1st floor roof – NW of SP	RF8-white asphalt roll-on/asphalt/cellulose/asphalt/tar	ND<1%
728	1st floor roof – NW of SP	FL5-perimeter/penetration flashing tar (bottom layer)	ND<1%[1]

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729	1st floor roof – NW of SP	FL5-perimeter/penetration flashing tar (bottom layer)	ND<1%
730	1st floor roof – NW of SP	FL6-black flashing tar on metal duct vents into roof	30% Chrysotile
731	1st floor roof – NW of SP	FL6-black flashing tar on metal duct vents into roof	NA/PS
732	Exterior 2nd floor North of SP	TVB12-tar vapor barrier above upper metal window lentils	30% Chrysotile
733	Exterior 2nd floor North of SP	TVB12-tar vapor barrier above upper metal window lentils	NA/PS
734	2nd floor North roof (on 3rd flr window sills)	FL7-black flashing tar remnants on window sills	5.65% Chrysotile[1]
735	2nd floor North roof (on 3rd flr window sills)	FL7-black flashing tar remnants on window sills	ND<1%+
736	Exterior 1st floor – escalator platform	C22A-grey slightly flexible caulk	2.70% Chrysotile[1] Trace Anthophyllite[1]
737	Exterior 1st floor – escalator platform	C22A-grey slightly flexible caulk	ND<1%+
738	Exterior 1st floor south side	C22B-beige tacky flexible caulk	ND<1%[1]
739	Exterior 1st floor south side	C22B-beige tacky flexible caulk	ND<1%
740	1st floor roof – North of SP (metal window sills)	C31A-white flexible (pink interior) caulk	ND<1%[1]
741	1st floor roof – North of SP (metal window sills)	C31A-white flexible (pink interior) caulk	ND<1%
742	Exterior – 1st floor south	C34-dark brown tacky flexible caulk	ND<1%[1]
743	Exterior – 1st floor south	C34-dark brown tacky flexible caulk	ND<1%
744	3rd floor roof	C35-Tan brittle caulk in parapet joints	3% Chrysotile
745	3rd floor roof	C35-Tan brittle caulk in parapet joints	NA/PS
746	Exterior – 1st floor windows outside 20/30's office area	C37-dark brown hard caulk	ND<1%[1]
747	Exterior – 1st floor windows outside 20/30's office area	C37-dark brown hard caulk	ND<1%

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
748	3rd floor –Rm 80A	WG5A-hard grey window glaze (thick on interior)	3% Chrysotile
749	3rd floor –Rm 80A	WG5A-hard grey window glaze (thick on interior)	NA/PS
750	2nd floor – conference room 1	WG16-silver slightly flexible window glaze	ND<1%[1]
751	2nd floor - skylounge	WG16-silver slightly flexible window glaze	ND<1%
752	2nd floor – South Roof (small)	RSC1-soft concrete	ND<1%
753	2nd floor – South Roof (small)	RSC1-soft concrete	ND<1%
754	2nd floor – South Roof (small)	RF9-tar roofing layer	ND<1%[1]
755	2nd floor – South Roof (small)	RF9-tar roofing layer	ND<1%
756	3rd floor hall	FD4-fire door insulation (wood doors)	ND<1%
757	3rd floor hall	FD4-fire door insulation (wood doors)	ND<1%
758	Exterior – 1st floor – wicked subs window	C36-thin beads of white flexible caulk	ND<1%[1]
759	Exterior – 1st floor – wicked subs window	C36-thin beads of white flexible caulk	ND<1%
760	Ground floor – delta baggage claim area	Old residual spray-on (deck seam)	40% Amosite
761	Concourse A - 1st floor – security lobby	Old residual spray-on (deck seam)	40% Amosite
762	Concourse A - Ground – Entrance area	Old residual spray-on (I-beam)	30% Amosite
763	1st floor – Sam Adams	Old residual spray-on (deck seam)	40% Amosite
764	1st floor – Sam Adams	Old residual spray-on (wall)	60% Amosite
765	1st floor – storage next to paradies	Old residual spray-on (on electrical equipment)	30% Amosite
766	Ground floor – baggage corridor	Old residual spray-on (I-beam)	80% Amosite
767	Ground floor – baggage corridor	Old residual spray-on (Bus duct)	60% Amosite
768	1st floor – boy's bathroom	Old residual spray-on (deck seam above I-beam)	40% Amosite

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
769	2nd floor - host kitchen	Old residual spray-on (deck seam above I-beam)	60% Amosite
Samples taken 9/2/13-9/14/13			
1 – 9/2/13	Room 23 – tunnel entrance	Tunnel debris on tunnel floor	ND<1%
2 – 9/3/13	Room 13A - tunnel entrance *(ACM COC is mislabeled Room 134)*	Tunnel debris on tunnel floor	ND<1%
3 – 9/3/13	Room 24 - tunnel entrance	Tunnel debris on tunnel floor	ND<1%
4 – 9/3/13	Room Budget 14 - tunnel entrance *(ACM COC is mislabeled Room 1A)*	Tunnel debris on tunnel floor	ND<1%
5 – 9/3/13	Room 23 - tunnel entrance	CP1 – black tar /rubber corner patch material near hatch inside tunnel	ND<1%
6 – 9/3/13	Room 23 - tunnel entrance	CP1 – black tar /rubber corner patch material near hatch inside tunnel	ND<1%[1]
7 – 9/3/13	Room 13A - tunnel entrance	ACD1 – aircell debris on tunnel floor	80% chrysotile
8 – 9/3/13	Room 13A - tunnel entrance	ACD1 – aircell debris on tunnel floor	NA/PS
9 – 9/14/13	1st floor Public corridor B – ticket areas	Grey 9x9 floor tile	10% chrysotile
		Black mastic	ND<1%
10 – 9/14/13	1st floor Public corridor B – ticket areas	Grey 9x9 floor tile	NA/PS
		Black mastic	1.88% chrysotile[1]
11 – 9/14/13	Room 3A – ground floor	RBM1 – residual black mastic	5% chrysotile
12 – 9/14/13	Room 3A – ground floor	RBM1 – residual black mastic	NA/PS
13 – 9/3/13	Room 201 – State Police	RBM2 – residual black mastic	5% chrysotile
14 – 9/3/13	Room 201 – State Police	RBM2 – residual black mastic	NA/PS
15 – 9/14/13	Room SC1 – ground floor	12x12 floor tile with brown streaks	3% chrysotile
		Tan glue associated with 12x12 floor tile	ND<1%
16 – 9/14/13	Room SC1 – ground floor	12x12 floor tile with brown streaks	NA/PS
		Tan glue associated with 12x12 floor tile	Trace chrysotile[1]
17 – 9/11/13	Roof outside Host 14 Lounge	FL1 – perimeter flashing – 2 layers (roll-on black tar)	10% chrysotile
18 – 9/11/13	Roof outside Host 14 Lounge	FL1 – perimeter flashing – 2 layers (roll-on black tar)	NA/PS

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Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
19 – 9/11/13	Roof outside Host 14 Lounge	FL2 – tar flashing inside pitch tar box support	20% chrysotile
20 – 9/11/13	Roof outside Host 14 Lounge	FL2 – tar flashing inside pitch tar box support	NA/PS
21 – 9/11/13	Roof outside Host 14 Lounge	FL3 – penetration flashing – 2 layers (roll-on/tar)	ND<1%
22 – 9/11/13	Roof outside Host 14 Lounge	FL3 – penetration flashing – 2 layers (roll-on/tar)	Trace chrysotile[1]
23 – 9/11/13	Roof outside Host 14 Lounge	RF1 – Roll-on roofing tar	ND<1%
		Soft tan concrete material	ND<1%
24 – 9/11/13	Roof outside Host 14 Lounge	RF1 – Roll-on roofing tar	Trace chrysotile[1]
		Soft tan concrete material	ND<1%
Samples taken 9/5/13			
1 – 9/5/13	Exterior – east of IAB ramp	RRS1 – black rubber-like material on posts	ND<1%
2 – 9/5/13	Exterior – east of IAB ramp	RRS1 – black rubber-like material on posts	ND<1%[1]
3 – 9/5/13	Exterior ramp east of Murphy Terminal	RGG1 – grey glue/grout material under ramp posts	ND<1%
4 – 9/5/13	Exterior 1st floor ramp – east of IAB	RGG1 – grey glue/grout material under ramp posts	ND<1%[1]
5 – 9/5/13	Exterior ground IAB – middle sidewalk	RSWI – grey fiberboard sidewalk insulation	ND<1%
6 – 9/5/13	Exterior ground IAB – middle sidewalk	RSWI – grey fiberboard sidewalk insulation	ND<1%
7 – 9/5/13	Abutment – exterior near Sheraton connector	RDM1 – black road drain material	ND<1%
8 – 9/5/13	Abutment – exterior near Sheraton connector	RDM1 – black road drain material	1.21% chrysotile[1]
Samples taken 9/6/13-9/10/13			
1 – 9/6/13	Loc #6 – airside outside Room 67	CF1 – copper flashing with terrycloth coating	ND<1%
2 – 9/6/13	Loc #4 – airside outside Room 69A	CF1 – copper flashing with terrycloth coating	ND<1%[1]

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TABLE 1D BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
3 – 9/6/13	Loc #11 – airside outside hall next to Room 3B	CF2 – copper flashing with tar coating	20% chrysotile
4 – 9/6/13	Loc #11 – airside outside hall next to Room 3B	CF2 – copper flashing with tar coating	NA/PS
5 – 9/6/13	Loc #13 – ground floor Room 69A	WVB1 – black tarlike fibrous wall vapor barrier	20% chrysotile
6 – 9/6/13	Loc #8 – ground floor Room 69	WVB1 – black tarlike fibrous wall vapor barrier	NA/PS
7 – 9/6/13	Loc #15 – ground floor Room 68	WVB2 – black tarlike fibrous wall vapor barrier	20% chrysotile
8 – 9/6/13	Loc #15 – ground floor Room 68	WVB2 – black tarlike fibrous wall vapor barrier	NA/PS
9 – 9/9/13	Loc #26 – basement outside Boiler Room	WVB3 – black tarlike fibrous wall vapor barrier	30% chrysotile
10 – 9/9/13	Loc #26 – basement outside Boiler Room	WVB3 – black tarlike fibrous wall vapor barrier	NA/PS
11 – 9/9/13	Loc #27 – pub side 1st floor west end	WVB4 – black tarlike fibrous wall vapor barrier	30% chrysotile
12 – 9/9/13	Loc #27 – pub side 1st floor west end	WVB4 – black tarlike fibrous wall vapor barrier	NA/PS
13 – 9/9/13	Loc #37 – 1st floor outside Room 62A	WVB5 – black tarlike fibrous wall vapor barrier	30% chrysotile
14 – 9/9/13	Loc #36 – 1st floor outside Room 31	WVB5 – black tarlike fibrous wall vapor barrier	NA/PS
15 – 9/10/13	Loc #46 – airside outside State Police	WVB6 – black tarlike fibrous wall vapor barrier	30% chrysotile
16 – 9/10/13	Loc #47 – airside outside State Police	WVB6 – black tarlike fibrous wall vapor barrier	NA/PS
17 – 9/10/13	Loc #42 – 3rd floor	WVB7 – black tarlike fibrous wall vapor barrier	30% chrysotile
18 – 9/10/13	Loc #40 – 3rd floor FAA	WVB7 – black tarlike fibrous wall vapor barrier	NA/PS
19 – 9/10/13	Loc #44 – 4th floor north wall	WVB8 – black tarlike fibrous wall vapor barrier	30% chrysotile
20 – 9/10/13	Loc #44 – 4th floor north wall	WVB8 – black tarlike fibrous wall vapor barrier	NA/PS

NA/PVA Not analyzed/positive via inseparable association with a confirmed positive ACM
NA/PS Not analyzed/positive stop, homogeneous to sample proven to contain asbestos
ND<1% Non-detected, less than 1%
NAD No asbestos detected
\+ Although found to be negative by analysis, material is homogeneous to a determined ACM and therefore must be considered positive
1 Result confirmed by TEM analyses
* Quantified by PLM Point Counting techniques

TABLE 1D BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
Samples taken 9/30/13			
7	Ground floor	FVB4 – tar-like floor vapor barrier	ND<1%
8	Ground floor	FVB4 – tar-like floor vapor barrier	ND<1%[1]
Samples taken 10/1/13			
11	Basement – Room 157	CONC1 – soft brownish floor concrete (under ceramic layer)	ND<1%
12	Basement – Room 157	CONC1 – soft brownish floor concrete (under ceramic layer)	ND<1%
Samples taken 10/17/13			
1	Ground floor – public concourse A	WG1A – grey putty window glaze	ND<1%[1]
2	Ground floor – public concourse A	WG1A – grey putty window glaze	ND<1%
3	2nd floor – airport ops 3	WG12 – black putty window glaze	5% chrysotile
4	2nd floor – airport admin 2	WG12 – black putty window glaze	NA/PS
5	Ground floor – exterior of room 3B	WG12A – black putty window glaze	5% chrysotile
6	Ground floor – exterior of room 3B	WG12A – black putty window glaze	NA/PS

NA/PVA Not analyzed/positive via inseparable association with a confirmed positive ACM
NA/PS Not analyzed/positive stop, homogeneous to sample proven to contain asbestos
ND<1% Non-detected, less than 1%
NAD No asbestos detected
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* Quantified by PLM Point Counting techniques

TABLE 2A IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%) BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT					
Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
CONCOURSE A					
FT1 12x12 Tan w/Brown Striations Floor Tile/ Black Mastic	Sampled Fall 2012	1st floor - DAL Storage Room	Category I Non-friable	Miscellaneous	160 SF
Black Mastic associated with White floor tile (FT2) *(FT2 by association)*	Sampled Fall 2012	1st floor – AAL room	Category I Non-friable	Miscellaneous	256 SF
FT3 Thin Gray Floor Tile/black mastic	Sampled Fall 2012	Ground floor - Room 113, 114, & 116 BSX 1st floor – stairwell B	Category I Non-friable	Miscellaneous	1000 SF
FT5 9x9 Thin Tan w/Brn. Streaks Floor Tile	Sampled Fall 2012	Ground floor - G-04 (under HVAC & cabinet)	Category I Non-friable	Miscellaneous	150 SF
Black Mastic associated with 12x12 White Stone Pattern floor tile(FT_8) *(FT8 by association)*	Sampled Fall 2012	Ground floor - Room 103	Category I Non-friable	Miscellaneous	260 SF
FT9-9”x9” thin white floor tile/black mastic	Sampled Fall 2012	Ground floor - room 112A-C	Category I Non-friable	Miscellaneous	385 SF
FTc – 12”x12” white w/grey striations floor tile/black mastic *(Sample #’s 379-381 from October 1997 inspection)*	Sampled Summer 1997	Ground floor – room 113, 114, G07-G10	Category I Non-friable	Miscellaneous	2145 SF

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Friable = crumbled, pulverized or reduced to powder by hand pressure when dry
Category I Non-friable = packings, gaskets, resilient floor covering and asphalt roofing
Category II Non-friable = all non-friable that is not Category I
+=Additional mudded fittings may exist in inaccessible building locations
♦EPA Regulated PCB caulk/glaze
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TABLE 2A IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%) BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT					
Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
FTe – 12"x12" dark beige confetti floor tile/black mastic *(Sample #'s 419-421 from October 1997 inspection)*	Sampled Summer 1997	Ground floor – room 89, 92, 93, 93A, 94, stairwell 94, hall A, G05, G06, stairwell B, stairwell A, end corridor outside stairwell A	Category I Non-friable	Miscellaneous	4, 250 SF
FTf-12"x12" white with brown streaks floor tile/black mastic *(Sample #'s 398-400 from October 1997 inspection)*	Sampled Summer 1997	Ground floor – hall 97A	Category I Non-friable	Miscellaneous	250 SF
FTg – 12"x12" light brown with striations floor tile/black mastic *(Sample #'s 401-403 from October 1997 inspection)*	Sampled Summer 1997	Ground floor – hall 97A, Room 97, 98, 101, 102, hall near entrance to Murphy Terminal	Category I Non-friable	Miscellaneous	1800 SF
LIN1-biege small stone pattern linoleum (glue too thin to sample)	Sampled Fall 2012	Ground floor – room 112B	Category I Non-friable	Miscellaneous	80 SF
M1 Thin Black Floor Coating (not Sticky)	Sampled Fall 2012	1st floor - BSX Area	Category I Non-friable	Miscellaneous	900 SF
M2 Residual Black Mastic	Sampled Fall 2012	Ground floor – Room 106, 107	Category I Non-friable	Miscellaneous	300 SF
CG4 Yellow Carpet Glue	Sampled Fall 2012	1st floor - B8 Boarding Ramp	Category I Non-friable	Miscellaneous	540 SF
G4 Black Residual Glue Daubs Behind Mirrors	Sampled Fall 2012	1st Fl. Host Bar	Category II Non-friable	Miscellaneous	40 SF

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Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
G6 Brown Glue under Windowsill Particle Board	Sampled Fall 2012	1st floor - room 106, state room, AAL hold room, AAL room Ground Floor – rooms G05–G10	Category II Non-friable	Miscellaneous	240 SF
G9 Black Mastic	Sampled Fall 2012	1st floor - Stairwell A	Category I Non-friable	Miscellaneous	65 SF
G15 Brown/Yellow Glue Under Rubber Tread	Sampled Fall 2012	Ground floor – Hallway 93A	Category I Non-friable	Miscellaneous	56 SF
WPG_{3a} Tan Glue Behind Carpet Wall Surface	Sampled Fall 2012	1st floor - AAL hold room	Category I Non-friable	Miscellaneous	220 SF
Wall panel glue	Assumed Fall 2012	Ground floor – room 98	Category II Non-friable	Miscellaneous	360 SF
G1A Light gray sticky glue behind vertical metal frame pieces between windows	Sampled Fall 2012	Exterior – WG1 window systems	Category II Non-friable	Miscellaneous	50 SF
C4 Tan Caulk Around Sink Counter Top	Sampled Fall 2012	1st floor - Women's 2 & men's 2 bathrooms	Category II Non-friable	Miscellaneous	36 SF
C5 Black Pliable Caulk on ceramic Wall Tile♦♦	Sampled Fall 2012	Ground floor – janitor closet across from G06	Category II Non-friable	Miscellaneous	10 LF
C8 Dark gray crumbly soft daub under 4" metal windowsill♦♦	Sampled Fall 2012	Ground floor – W1 window systems	Category II Non-friable	Miscellaneous	48 SF

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Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
C10 Silver brittle crumbly caulk♦♦	Sampled Fall 2012	Ground floor – W1 window systems	Category II Non-friable	Miscellaneous	144 LF
C11 White brittle caulk	Sampled Fall 2012	Exterior – NE on portable water	Category II Non-friable	Miscellaneous	14 LF
C12 Gray hard layered brittle caulk♦♦	Sampled Fall 2012	Exterior – joints in bridge area	Category II Non-friable	Miscellaneous	150 LF
WCa - interior pliable tan/grey caulk♦	Sampled Summer 1997	Throughout interior & exterior of building on window systems, doors & vents *(mainly ground floor)*	Category II Non-friable	Miscellaneous	1,540 LF
CC1 – grey pliable caulk on columns♦	Sampled 9/13	Throughout ground floor along interior of exterior walls *(of original structure)*	Category II Non-friable	Miscellaneous	361 LF
WG2 Gray Pliable Glaze on Interior Windows	Sampled Fall 2012	Ground floor – Room 97	Category II Non-friable	Miscellaneous	1 EA
DWG1 Black Putty Window Glaze on 1x1 door Window	Sampled Fall 2012	Ground floor – hall outside G10, Ground & 1st floor – stairwell B	Category II Non-friable	Miscellaneous	3 EA
DWG5-hard grey glaze on door window	Sampled Fall 2012	Exterior – B4 & B6 boarding ramp	Category II Non-friable	Miscellaneous	2 EA
DWG3 Black Putty on 2x3 door window	Sampled Fall 2012	Ground floor – room 113 & room 104	Category II Non-friable	Miscellaneous	2 EA

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TABLE 2A IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%) BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT					
Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
SU4-pink sink undercoating	Sampled Fall 2012	Ground floor – room 112B	Category II Non-friable	Miscellaneous	1 EA
DS1 Yellow Glue Under Fiberglass Duct Insulation	Sampled Fall 2012	Throughout ground floor (see drawing for general locations)	Category II Non-friable	Miscellaneous	~9,300 SF
DS6 Hard Brittle Yellow Caulk on Duct Sealant	Sampled Fall 2012	Ground floor – 115 A	Category II Non-friable	Miscellaneous	100 SF
RPS1 Hard pipe seam sealant on metal encased fiberglass lines	Sampled Fall 2012	Area A roof	Category II Non-friable	Thermal System Insulation	4 SF
Pipe gasket	Assumed Fall 2012	Lower section roof – in HVAC	Category I Non-friable	Miscellaneous	1 EA (loose)
Pipe gaskets	Assumed Fall 2012	Throughout concourse	Category I Non-friable	Miscellaneous	Unknown
TC1 Beige Textured Coating	Sampled Fall 2012	1st floor - B1 Boarding Ramp (ceiling)	Category II Non-friable	Miscellaneous	580 SF
Spray-on fire proofing insulation	Sampled Winter 2012	Ground floor – hall entry area next to MT	Friable	Surfacing Material	700 SF
Spray-on fire proofing insulation*	Sampled Winter 2012	1st floor – security lobby, Paradies façade area	Friable	Surfacing Material	5,300 SF
Mudded fittings	Sampled Summer 1997	Throughout ground floor above ceilings, in walls & pipe chases	Friable	Thermal System Insulation	280+

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TABLE 2A IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%) BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT					
Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
Interior insulation in transformer	Fall 2012	Ground floor – G04 Mech, Mech 94 Exterior – SW side	Category II Non-friable	Miscellaneous	6 EA
Insulation components in electrical circuit boxes	Assumed Fall 2012	Ground floor – 110 mech, 115A mech, Exterior – around building, Roof	Category II Non-friable	Miscellaneous	47 EA
Insulation components in electrical equipment	Assumed Fall 2012	Exterior – west side	Category II Non-friable	Miscellaneous	3 areas (30 SF total)
FL1 Black Remnant Flashing Tar on Metal Column	Sampled Fall 2012	Throughout 1st floor on metal columns (1 foot off floor)	Category I Non-friable	Miscellaneous	1 SF on 30+ columns
EJ1 Black rubber-like expansion joint material	Sampled Fall 2012	Exterior-multiple ground joints in area around building	Category II Non-friable	Miscellaneous	350 LF +
EJ3 Black hard expansion joint material above TVB1	Sampled Fall 2012	Exterior – at wall/floor joint around building	Category II Non-friable	Miscellaneous	830 LF
PM1 Black fibrous tar pipe material	Sampled Fall 2012	Exterior – under bridge area exiting concrete foundation	Category II Non-friable	Miscellaneous	12 pipes *(length unknown)*
Flashing tar	Assumed Fall 2012	B3 & B4 boarding ramp roof seams	Category I Non-friable	Miscellaneous	120 SF
Built-up roofing	Assumed Fall 2012	Stairwell roof (at end of building)	Category I Non-friable	Miscellaneous	176 SF

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Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
Perimeter, penetration & pitch pocket flashing materials	Sampled Spring 1997	Upper roof, mid section, lower section, lower section (south), SW low side roof, Jet bridge – upper & lower roofs	Category I Non-friable	Miscellaneous	8,423 SF
CBT1-black column base tar	Sampled Summer 2013	On base of metal columns throughout ground floor along exterior walls (12" to 18" high)	Category II Non-friable	Miscellaneous	200 SF
Fire door insulation	Sampled Summer 2013	Throughout	Friable	Thermal System Insulation	6 EA+

**** Roof tars have been completely exempted from OSHA Asbestos regulations and, as a Category I Non-friable material, do not need to be removed from a structure prior to renovation/demolition under EPA Asbestos NESHAP regulations and, so long as the materials are exterior to a structure and will remain Category I Non-friable materials during renovation/demolition, are not covered under the CTDPH Asbestos Abatement standards. In addition, as Category I Non-friable materials, the roof tars do not need to be disposed of as asbestos waste under the EPA Asbestos NESHAP regulations; however, the CTDEEP special waste regulations would not allow the material to be disposed of as general construction waste within the State of Connecticut. Disposal of the roof tars as general construction waste (so long as the materials are not rendered into a state which would define them as regulated asbestos-containing materials (RACM), i.e., friable) is, however, allowed in other states such as Massachusetts.***

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TABLE 2B IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%) BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT					
Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
CONCOURSE B					
FT1 Thin gray floor tile	Sampled Winter 2012	Room 127, 135A	Category I Non-friable	Miscellaneous	176 SF
FT3 12x12 lt. gray w/striations floor tile/ yellow glue	Sampled Winter 2012	Room 124B, 125, 126 & 127	Category I Non-friable	Miscellaneous	705 SF
Black mastic associated with 12x12 black floor tile (FT4) *(FT4 by association)*	Sampled Winter 2012	Ground floor – room 129	Category I Non-friable	Miscellaneous	225 SF
FTB-9”x9” tan floor tile/black mastic *(Sample #’s 301-303 from October 1997 inspection)*	Sampled Summer 1997	Room 123A-E, 124B, 125 & 126	Category I Non-friable	Miscellaneous	1,250 SF
FTI-9”x9” tan floor tile/black mastic *(Sample #’s 492-494 from October 1997 inspection)*	Sampled Summer 1997	Room 123F & 123G	Category I Non-friable	Miscellaneous	384 SF
FTa-12”x12” white floor tile/mastic *(Sample #’s 298-300 from October 1997 inspection)*	Sampled Summer 1997	Room 123A, 123B, 123D & 123E	Category I Non-friable	Miscellaneous	610 SF
FTH-12”x12” white streaked floor tile/mastic *(Sample #’s 486-488 from October 1997 inspection)*	Sampled Summer 1997	Room 147	Category I Non-friable	Miscellaneous	672 SF
FTE-12”x12” black floor tile/mastic *(Sample #’s 340-342 from October 1997 inspection)*	Sampled Summer 1997	Room 130A & 133	Category I Non-friable	Miscellaneous	576 SF

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Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
G14 Gray sticky glue (thin) under vertical metal frame piece between individual windows	Sampled Winter 2012	Exterior – on all WG1 window systems	Category II Non-friable	Miscellaneous	40 SF
C1 Beige pliable interior door caulk♦	Sampled Winter 2012	Room 147	Category II Non-friable	Miscellaneous	45 LF
C2 Interior tan putty-like window caulk♦♦	Sampled Winter 2012	Throughout – on interior/exterior of windows, doors & vents.	Category II Non-friable	Miscellaneous	3,974 LF
C4 Gray hard surface semi-flexible♦	Sampled Winter 2012	Exterior of W1 & W4 window systems & some windows and doors	Category II Non-friable	Miscellaneous	1000 LF
C5 Brittle silver caulk (white flakes visible) ♦♦	Sampled Winter 2012	Exterior – W1 windows systems	Category II Non-friable	Miscellaneous	434 LF
C6 Dark gray crumbly soft (daub) caulk under 4" metal window sill. ♦♦	Sampled Winter 2012	Exterior – W1 windows systems	Category II Non-friable	Miscellaneous	56 SF & 34 LF
CC1 – grey pliable caulk on columns♦	Sampled 9/13	Throughout building along exterior walls	Category II Non-friable	Miscellaneous	486 LF
WG1 Interior and exterior gray brittle window glaze♦♦	Sampled Winter 2012	W1 window systems	Category II Non-friable	Miscellaneous	34 EA
WG2 Black flex-putty glaze on new windows♦	Sampled Winter 2012	Exterior of TWA holdroom	Category II Non-friable	Miscellaneous	3 EA

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Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
Mudded fitting insulation	Sampled Summer 1997	Throughout (above drop ceilings, in walls & pipe chases)	Friable	Thermal System Insulation	300+
Mudded fitting insulation debris	Assumed Winter 2012	Upper mechanical room A	Friable	Thermal System Insulation	120 SF
Mudded roof drain insulation	Assumed Winter 2012	Throughout & Utility room	Friable	Thermal System Insulation	20 EA+
Insulation components inside transformer	Assumed Winter 2012	Upper mechanical room A	Category II Non-friable	Miscellaneous	2 EA
Insulation components inside circuit box	Assumed Winter 2012	Upper mechanical room A, lower mechanical room A, lower mechanical room B Exterior –around building	Category II Non-friable	Miscellaneous	26 EA
Electrical components inside electrical equipment	Assumed Winter 2012	Exterior - SE	Category II Non-friable	Miscellaneous	10 SF
PM1 Black tar/fibery pipe material	Sampled Winter 2012	Exterior – exiting foundation in bridge area	Category II Non-friable	Miscellaneous	16 EA *(length unknown)*

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TABLE 2B IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%) BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT					
Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
Perimeter, Penetration & Pitch pocket flashing materials	Sampled Spring 1997	Mid section roof, mid to upper connector roof, upper section roof, SE roof – upper section *(excluding B17 Ramp Roof)*	Category I Non-friable	Miscellaneous	3,851 SF
Pipe flange gaskets	Assumed Winter 2012	Throughout	Category I Non-friable	Miscellaneous	Unknown
Fire door insulation	Assumed Winter 2012	Throughout	Friable	Thermal System Insulation	6 EA+

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TABLE 2C IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%) BIA TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT					
Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
IAB					
FT2- 9x9 off white floor tile/black mastic	Sampled Winter 2012	Ground floor - Room 171a	Category I Non-friable	Miscellaneous	645 SF
FT5 - 12x12 light brown w/small white and dark brown streaks floor tile/black mastic	Sampled Winter 2012	Ground floor - baggage claim 4	Category I Non-friable	Miscellaneous	12 SF
FTa-12"x12" white w/ grey streak floor tile/mastic *(Sample #'s 244-246 from October 1997 inspection)*	Sampled Summer 1997	Ground floor – hall outside room 166, Room 167 & 168 1st floor – phone room	Category I Non-friable	Miscellaneous	605 SF
Floor tile/mastic	Assumed Winter 2012	Ground floor – baggage claim 4 (under luggage belt), elevator	Category I Non-friable	Miscellaneous	243 SF
M1-Yellow glue/white leveler/black mastic	Sampled Winter 2012	Room 169 & 169 A	Category I Non-friable	Miscellaneous	230 SF
M3-Black mastic under FT1	Sampled Winter 2012	Room 172	Category I Non-friable	Miscellaneous	300 SF
CBG1-dark brown cove base glue	Sampled Winter 2012	Ground floor- Rooms 166, 167, 169, 169A, 171 & TSA	Category II Non-friable	Miscellaneous	390 LF
CBG5-black cove base glue	Sampled Winter 2012	1st floor - Elevated Area	Category II Non-friable	Miscellaneous	296 LF

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TABLE 2C IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%) BIA TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT					
Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
G1A – tan glue behind fiberglass panel pins	Sampled 8/13	1st floor - Elevated HVAC Room #1-3 *(above public corridor)*	Category II Non-friable	Miscellaneous	1290 SF
Glue behind shower	Assumed Winter 2012	Ground floor – bathroom 2A	Category II Non-friable	Miscellaneous	65 SF
Glue behind wall panel	Assumed Winter 2012	Ground floor - BC4 (columns & above air side entry) 1st floor – public corridor	Category II Non-friable	Miscellaneous	205 SF
Glue under carpet & behind wall/ceiling panels	Assumed Winter 2012	B21 & B22 boarding ramp	Category II Non-friable	Miscellaneous	2,560 SF
Glue behind wood chair rail/baseboard	Assumed Winter 2012	1st floor – public corridor	Category II Non-friable	Miscellaneous	100 SF
Mirror glue daubs	Assumed Winter 2012	1st floor – men & women's bathroom	Category II Non-friable	Miscellaneous	4 EA
C6-white fibrous putty-like caulk♦♦	Sampled Winter 2012	Ground floor – on windows exterior of TSA	Category II Non-friable	Miscellaneous	10 LF
C9-white flexible caulk wall & ceiling joints	Sampled Winter 2012	1st floor – Verizon room	Category II Non-friable	Miscellaneous	210 LF
WG1-brown semi pliable, crumbly window glaze♦	Sampled Winter 2012	Ground floor – exterior of some windows, 1st floor – exterior of WG1 window systems & upper windows	Category II Non-friable	Miscellaneous	48 EA

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TABLE 2C IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%) BIA TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT					
Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
WG2-hard grey brittle window glaze	Sampled Winter 2012	Ground floor – on exterior of windows in room 167, 171, 171A, 172A & 172	Category II Non-friable	Miscellaneous	14 EA
WG3-brown putty sticky window glaze♦♦	Sampled Winter 2012	Ground floor – on interior of windows in room 167, 171, 171A, 172A & 172	Category II Non-friable	Miscellaneous	7 EA
WG4-brown putty glaze in overhang windows♦	Sampled Winter 2012	1st floor – exterior overhang (facing down) on each end of building	Category II Non-friable	Miscellaneous	10 EA
Interior insulation components in circuit boxes	Assumed Winter 2012	Tunnel, Ground floor – throughout *(above ceiling on conveyor belts)* boiler room, generator room 1, BC4, TSA - mechanical room & elevator closet, room 68, bay 1 1st floor – ticket office A exterior – ground floor & roof 1 & 2	Category II Non-friable	Miscellaneous	46+ EA
Interior insulation components in transformer	Assumed Winter 2012	Tunnel, exterior – ground floor airside	Category II Non-friable	Miscellaneous	3 EA
SU1-Black sink undercoating	Sampled Winter 2012	1st floor - Area 3	Category II Non-friable	Miscellaneous	28 SF

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TABLE 2C IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%) BIA TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT					
Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
DS2-Gray putty duct sealant between HVAC1 seams	Sampled Winter 2012	Roof 1	Category II Non-friable	Miscellaneous	35 LF
SPFa-Gray spray-on fireproofing with red coloring*	Assumed & Sampled Winter 2012	1st floor - Public corridor, Entry 1 & 2	Friable	Surfacing	5,840 SF
SPF2-Gray spray-on fireproofing with pinkish coloring*	Assumed & Sampled Winter 2012	1st floor - Entry 1 & 2	Friable	Surfacing	300 SF
SPF1-White soft spray-on fireproofing	Sampled Winter 2012	1st floor – large columns (behind plaster), lower ceiling areas (associated with stairwells) Ground floor – room 8A & provo room, matching columns towards public side of building *(assumed)* Exterior ground floor - large columns	Friable	Surfacing	10,275 SF
Residual spray-on fireproofing insulation on concrete block wall (SPF1)	Sampled Winter 2012	1st floor – room A3A	Friable	Surfacing	6 SF
Spray-on fireproofing insulation debris (SPF1)	Sampled Winter 2012	1st floor – room A3A	Friable	Surfacing	100 SF

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TABLE 2C IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%) BIA TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT					
Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
Textured coating on concrete deck	Sampled Summer 1997	1st floor – upper ceiling	Friable	Surfacing	11,840 SF
Mudded fittings	Sampled Summer 1997	Tunnel	Friable	Thermal System Insulation	242 SF
Mudded fitting debris	Sampled Summer 1997	Tunnel - under MF locations & in pipe chases	Friable	Thermal System Insulation	250 SF
Fire door insulation	Assumed Winter 2012	1st floor & Ground floor - throughout	Friable	Thermal System Insulation	Unknown
Interior insulation in boiler	Assumed Winter 2012	Ground floor – boiler room	Friable	Thermal System Insulation	160 SF
Mudded fittings	Sampled Summer 1997	Ground floor & 1st floor – Throughout, Ground floor – concrete overhang	Friable	Thermal System Insulation	350+ EA
PI1A – white ½ round piece of pipe ins.	Sampled Winter 2012	Ground floor –room BC4	Friable	Thermal System Insulation	15 SF of pipe and loose debris
Pipe insulation	Assumed Summer 1013	Throughout building – in walls and other inaccessible areas	Friable	Thermal System Insulation	100 lF+
Mudded fittings & debris	Sampled Summer 1997	Ground floor – concrete overhang	Friable	Thermal System Insulation	200 SF
		Ground floor – BC3 (above drop ceiling)			30 SF

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TABLE 2C IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%) BIA TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT					
Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
Tar adhesive wrap on A/C unit pipes (PIa)	Sampled Summer 1997	Ground floor – BC4, bathroom 2A, stair 1 lobby, hall outside room 171A, room 171 1st floor – airside heating units	Category II Non-friable	Thermal System Insulation	42 LF *(21 locations total)*
Generator muffler and associated pipe insulation	Sampled Summer 1997	Ground floor – generator room 1	Friable	Thermal System Insulation	70 SF
Mudded roof drains	Assumed Winter 2012	1st floor public corridor, B23 area	Friable	Thermal System Insulation	8 EA
Pipe flange gaskets	Assumed Winter 2012	Throughout building	Category I Non-friable	Miscellaneous	Unknown
PER3- Silver black asphalt perimeter flashing	Sampled Winter 2012	Main roof	Category I Non-friable	Miscellaneous	865 SF
PEN3- Silver/black asphalt penetration flashing	Sampled Winter 2012	Main roof	Category I Non-friable	Miscellaneous	520 SF
FL2- Black flashing on top of metal canopy seam	Sampled Winter 2012	West canopy *(over IAB roofs)*	Category I Non-friable	Miscellaneous	65 SF
RT1- Asphalt roof walkway tiles 2.5x4 ft.	Sampled Winter 2012	Roof 1	Category I Non-friable	Miscellaneous	4 EA
SRC1- Silver roof coating	Sampled Winter 2012	Main Roof, Roof 1 & 2, part of upper entry roof	Category I Non-friable	Miscellaneous	26,500 SF
FL3-Black flashing tar	Sampled Winter 2012	Lower entry roof	Category I Non-friable	Miscellaneous	680 SF

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TABLE 2C IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%) BIA TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT					
Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
PER4-Tar/asphalt built-up layer-perimeter flashing	Sampled Winter 2012	Upper entry roof	Category I Non-friable	Miscellaneous	640 SF
PEN4-Tar/asphalt built-up layer-penetration flashing	Sampled Winter 2012	Upper entry roof	Category I Non-friable	Miscellaneous	120 SF
Perimeter & penetration flashing tar	Sampled Spring 1997	Entry roof under west canopy (south)	Category I Non-friable	Miscellaneous	90 SF
Roofing & flashing material	Assumed Summer 2013	Stair tower 1 roof	Category I Non-friable	Miscellaneous	80 SF
Built-up roofing material	Assumed Summer 2013	Terminal A-B Connector Roof	Category I Non-friable	Miscellaneous	1,540 SF *(SF to corner only)*
Grey flexible, tacky caulk on exterior doors & windows	Sampled Fall 2013	Exterior - Terminal A-B Connector	Category II Non-friable	Miscellaneous	100 LF *(LF to corner only)*

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TABLE 2D IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%) BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT					
Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
MURPHY TERMINAL					
G8-black remnant glue daubs	Sampled Winter 2012	Ground floor –room 23	Category II Non-friable	Miscellaneous	6 SF
G12-black glue behind thick fiberboard wall panel (4' high)	Sampled Winter 2012	1st floor - Host lounge 14	Category II Non-friable	Miscellaneous	242 SF
G24-black glue daubs behind thick stain wood panel (4')	Sampled Winter 2012	1st floor – wicked subs	Category II Non-friable	Miscellaneous	260 SF
G34-dark brown glue behind sheetrock wall	Sampled Winter 2012	1st floor-munsons 143 *(on plaster)*	Category II Non-friable	Miscellaneous	900 SF
G37-tan wall panel glue behind fiberboard	Sampled Winter 2012	3rd floor - Rooms 50A-C, 51, 76, 77, 77A & B, 78, 78A 79, FAA closet, storage room between bathrooms, FAA1, CC1 & CC2	Category II Non-friable	Miscellaneous	3,450 SF
G40-dark brown glue daubs behind fiberboard wall panel	Sampled Winter 2012	3rd floor - FAA1	Category II Non-friable	Miscellaneous	110 SF
G41-black glue daubs behind fiberboard wall panel	Sampled Winter 2012	2nd floor –SP room 206 & 208	Category II Non-friable	Miscellaneous	865 SF
G45-black mirror glue daubs	Sampled Winter 2012	2nd floor – men's room Hall 2C	Category II Non-friable	Miscellaneous	85 SF
G47-black residual glue on wood beams above ceiling	Sampled Winter 2012	2nd floor sky lounge, 216A, 216C & 216D	Category II Non-friable	Miscellaneous	55 SF

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Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
G50-black glue behind fiberboard wall panel	Sampled Winter 2012	3rd floor – room 78 & 81 *(over windows)*	Category II Non-friable	Miscellaneous	275 SF
G52-light brown glue behind fiberboard/cellulose wall panel	Sampled Winter 2012	3rd floor - room 80A	Category II Non-friable	Miscellaneous	500 SF
RT1-residual black tar daubs on wall	Sampled Winter 2012	Ground floor - hall outside budget 14, room 72A	Category II Non-friable	Miscellaneous	525 SF
Shower panel glue	Assumed Winter 2012	Ground floor – SP 66A & B	Category II Non-friable	Miscellaneous	130 SF
Mirror glue daubs	Assumed Winter 2012	Ground floor – SP 66B	Category II Non-friable	Miscellaneous	16 SF
Glue daubs behind chalk & bulletin boards	Assumed Winter 2012	Ground floor – SP 66A 2nd floor – room 207	Category II Non-friable	Miscellaneous	3 EA
G6 Brown glue under window sill particle board *(Concourse A)*	Sampled Fall 2012	Ground floor – delta baggage escalator	Category II Non-friable	Miscellaneous	5 SF
Glue behind wall panels	Assumed Winter 2012	2nd floor – rooms 201, 202, 202A&B, 203, 205 & CTS1	Category II Non-friable	Miscellaneous	2,320 SF
FT1-12”x12” light brown confetti floor tile/black mastic	Sampled Winter 2012	Ground floor-Delta baggage claim	Category I Non-friable	Miscellaneous	320 SF
FT2-12x12 tan floor tile & associated black mastic	Sampled Winter 2012	Ground floor –Delta baggage claim - escalator area	Category I Non-friable	Miscellaneous	80 SF
FT3-thin grey floor tile & associated black mastic	Sampled Winter 2012	Ground floor – PCA entry	Category I Non-friable	Miscellaneous	112 SF

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TABLE 2D IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%) BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT					
Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
FT4-12x12 grey confetti floor tile & associated black mastic	Sampled Winter 2012	Ground floor - stairwell S2	Category I Non-friable	Miscellaneous	40 SF
FT5-black mastic associated with 12x12 grey confetti (thicker confetti) floor tile	Sampled Winter 2012	Ground floor - stairwell S2	Category I Non-friable	Miscellaneous	28 SF
FT7-9x9 white floor tile & associated black mastic	Sampled Winter 2012	Ground floor - DAL2& 3	Category I Non-friable	Miscellaneous	320 SF
FT12-black & tan mastic associated with grey floor tile	Sampled Winter 2012	Ground floor - American baggage (stairs)	Category I Non-friable	Miscellaneous	84 SF
FT13-biege floor tile & associated black mastic	Sampled Winter 2012	Ground floor –room 2B, baggage corridor-stairwell	Category I Non-friable	Miscellaneous	290 SF
FT14-black mastic associated with blue floor tile	Sampled Winter 2012	1st floor - room 31, 28A 28B and hall between 28A/B *(28A, 28B and hall have black mastic with a new floor tile covering it)*	Category I Non-friable	Miscellaneous	608 SF
FT15-12x12 cream w/ brown streaks floor tile & associated black mastic	Sampled Winter 2012	Ground floor – room 2A	Category I Non-friable	Miscellaneous	160 SF
FT16—9x9 thin beige w/ streaks floor tile & associated black mastic	Sampled Winter 2012	1st floor - Jazz 1	Category I Non-friable	Miscellaneous	90 SF
FT18-tan (orange hue) confetti floor tile & associated black mastic	Sampled Winter 2012	Ground floor - closet 1	Category I Non-friable	Miscellaneous	25 SF

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Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
FT19-9x9 maroon w/ dark maroon & white streaks floor tile & associated black mastic	Sampled Winter 2012	Control tower	Category I Non-friable	Miscellaneous	32 SF
FT20-9x9 grey w/black & white streaks floor tile & associated black mastic	Sampled Winter 2012	2nd floor – SP hall outside bathrooms, Room 209, 210 3rd floor – room 78, 77, 77A & B, 79, hall D1, FAA closet, men's bathroom lobby, FAA1, 50A-C, 50, 76, CC1, 51 & hall outside room 50 *(residual mastic in FAA1, 50A-C, & 51)*	Category I Non-friable	Miscellaneous	3,940 SF
FT23-brown floor tile & associated black mastic	Sampled Winter 2012	2nd floor - SP room 203, 201, CTS2 & evidence processing	Category I Non-friable	Miscellaneous	580 SF
FT24-black mastic associated with pale blue w/grey white confetti floor tile	Sampled Winter 2012	2nd floor - SP break rooms 1 & 2, A1 & hall outside CTS1 *(residual mastic in room A1 & hall outside CTS1)*	Category I Non-friable	Miscellaneous	672 SF
FT27-9x9 tan w/maroon, brown & white streaks floor tile & associated black mastic	Sampled Winter 2012	3rd floor – room 78, 80, 80A-C, 81 & hall outside room 78	Category I Non-friable	Miscellaneous	1,796 SF

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Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
FT28-12x12 light brown floor tile w/ long maroon & white streaks floor tile & associated black mastic	Sampled Winter 2012	3rd floor-room 81	Category I Non-friable	Miscellaneous	512 SF
FT29-9x9 light green w/ small black & white streaks floor tile & associated black mastic	Sampled Winter 2012	3rd floor-room 80	Category I Non-friable	Miscellaneous	10 SF
FT30-12x12 tan maroon/white confetti floor tile & associated black mastic	Sampled Winter 2012	2nd & 3rd floor - West stairwell lobbies	Category I Non-friable	Miscellaneous	118 SF
FT32 9x9 light gray w/black and white streaks floor tile & associated black mastic	Sampled Winter 2012	3rd floor – room CC1 & CC2	Category I Non-friable	Miscellaneous	352 SF
Floor tile & mastic	Assumed Winter 2012	Ground floor – American Baggage (under luggage belts)	Category I Non-friable	Miscellaneous	360 SF
FT_f-12”x12” dark tan w/brown streak floor tile/mastic *(Sample #’s 502-504 from October 1997 inspection)*	Sampled Summer 1997	Ground floor – SP hall/entry	Category I Non-friable	Miscellaneous	70 SF
FT_a-12”x12” off-white with blue streaks floor tile/mastic *(Sample #’s 198-200 from October 1997 inspection)*	Sampled Summer 1997	Ground floor – Hall B	Category I Non-friable	Miscellaneous	335 SF

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TABLE 2D IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%) BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT					
Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
FTa-9"x9" tan floor tile/mastic *(Sample #'s 69-71 from October 1997 inspection)*	Sampled Summer 1997	2nd floor – rooms 203-207, 212A&B and SP hall	Category I Non-friable	Miscellaneous	2,142 SF
FTi-grey floor tile *(Sample #'s176-178 from October 1997 inspection)*	Sampled Summer 1997	Control tower	Category I Non-friable	Miscellaneous	320 SF
M3-black mastic under 9x9 grey w/small white specks floor tile	Sampled Winter 2012	Control tower	Category I Non-friable	Miscellaneous	320 SF
RM1-residual black mastic	Sampled Winter 2012	Ground floor – PCA elevator lobby, narrow room next to Hall G	Category I Non-friable	Miscellaneous	155 SF
M4-Black residual mastic	Sampled Winter 2012	2nd floor - SP CTS 1	Category I Non-friable	Miscellaneous	205 SF
Grey 9x9 floor tile & associated black mastic	Sampled 9/13	1st floor Public corridor B & C – ticket areas	Category I Non-friable	Miscellaneous	1,730 SF
RBM1 – residual black mastic	Sampled 9/13	Ground floor – room 3A, 3B & 3D	Category I Non-friable	Miscellaneous	820 SF
RBM2 – residual black mastic	Sampled 9/13	2nd floor – room 201 & telecommunications room	Category I Non-friable	Miscellaneous	1,024 SF
12x12 floor tile with brown streaks	Sampled 9/13	Ground floor - Room SC1	Category I Non-friable	Miscellaneous	70 SF
LEV1-white leveler/black residual mastic	Sampled Winter 2012	Ground floor-Delta baggage claim	Category I Non-friable	Miscellaneous	320 SF

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Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
CBG6-brownish green soft sticky covebase glue	Sampled Winter 2012	2nd floor - SP210	Category II Non-friable	Miscellaneous	50 LF
CB13 Brittle 6" black cove base	Sampled Winter 2012	3rd floor - room CC2	Category II Non-friable	Miscellaneous	12 SF
CBG7 Black cove base glue assoc. w/CB13	Sampled Winter 2012	3rd floor - room CC2	Category II Non-friable	Miscellaneous	12 SF
C1-hard brittle light brown caulk♦♦	Sampled Winter 2012	Ground floor – PCA (on deck)	Category II Non-friable	Miscellaneous	24 LF
C2-old tan pliable caulk (ext. side of structure) ♦♦	Sampled Winter 2012	Basement – vents & windows throughout, Ground floor – windows, doors & vents in rooms 67, 68, 68A, along viaduct switch room area, customs 5 & room 73 1st floor – 20/30's office area windows	Category II Non-friable	Miscellaneous	780 LF
C8-grey soft putty-like caulk♦♦	Sampled Winter 2012	Basement-closet next to disposal room, Ground floor-exterior windows outside delta baggage claim, 1st floor – windows of 20/30's office area & exterior of escalator lobby 1	Category II Non-friable	Miscellaneous	776 LF

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Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
C12-tan hard pliable putty caulk on drs/vents (ext side) ♦♦	Sampled Winter 2012	Basement – doors & vents in room 149 corridor	Category II Non-friable	Miscellaneous	120 LF
C13-white hard semi-pliable caulk♦♦	Sampled Winter 2012	Control tower – on exterior metal wall panels	Category II Non-friable	Miscellaneous	220 LF
C14-dark brown flexible caulk	Sampled Winter 2012	Control tower - walkway window	Category II Non-friable	Miscellaneous	15 LF
C15-tan putty-like caulk (noticeable odor) ♦♦	Sampled Winter 2012	Ground floor – exterior overhang outside delta baggage claim, 1st floor – penthouse – on windows, doors & vents throughout	Category II Non-friable	Miscellaneous	4,973 LF
C20 Hard brittle white caulk♦♦	Sampled Winter 2012	Basement – interior/exterior of room 155A (at joints & around columns)	Category II Non-friable	Miscellaneous	35 LF
C21 Dark gray wavy caulk under metal window sill (only on edge) ♦♦	Sampled Winter 2012	Basement –room 155A, 1st floor – sam adams & Public Corridor D	Category II Non-friable	Miscellaneous	32 SF
C25 Brittle silver caulk behind metal window panels♦♦	Sampled Winter 2012	1st floor – WG4/WG12 window wall panel system	Category II Non-friable	Miscellaneous	550 LF
C33-tan brittle (w/ greyish exterior) caulk♦♦	Sampled Winter 2012	1st floor – on joints & windows exterior to host lounge 14	Category II Non-friable	Miscellaneous	250 LF

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Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
C22A-grey slightly flexible caulk	Sampled Winter 2012	Exterior - escalator enclosure & bus waiting area around windows & metal framing	Category II Non-friable	Miscellaneous	3,424 SF
C35-Tan brittle caulk in parapet joints	Sampled Winter 2012	3rd floor – roof 4th floor - roof	Category II Non-friable	Miscellaneous	151 SF
WG3-hard tan window glaze on large (5'x7') metal framed windows	Sampled Winter 2012	1st floor AA tickets *(covered w/ sheetrock)*	Category II Non-friable	Miscellaneous	8 EA
WG5-hard white glaze on metal windows♦♦	Sampled Winter 2012	Basement – room 155/155A, 2nd floor & 3rd floor - throughout	Category II Non-friable	Miscellaneous	118 EA
WG5A-hard grey window glaze (thick on interior) ♦♦	Sampled Winter 2012	3rd floor – room 80 & 80A	Category II Non-friable	Miscellaneous	9 EA
WG6-black putty glaze on 7'x10' metal framed windows♦♦	Sampled Winter 2012	2nd floor – exterior of hall 2C Control tower	Category II Non-friable	Miscellaneous	4 EA
WG7-grey putty glaze on 7'x10' metal framed windows♦♦	Sampled Winter 2012	Control tower	Category II Non-friable	Miscellaneous	1 EA
WG8-hard white window glaze patch	Sampled Winter 2012	4th floor - bathroom	Category II Non-friable	Miscellaneous	1 EA
WG12 Black putty window glaze♦	Sampled Winter 2012	2nd floor – Northwest & Northeast windows	Category II Non-friable	Miscellaneous	93 EA
WG12A Black putty window glaze	Sampled Fall 2013	1st floor – exterior of room 3B	Category II Non-friable	Miscellaneous	1 EA

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Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
WG13 gray putty window glaze on AA addition	Sampled Winter 2012	1st floor – on windows exterior to rooms 62A-C and 30B	Category II Non-friable	Miscellaneous	6 EA
WG14-brown soft crumbly window glaze♦♦	Sampled Winter 2012	1st floor – exterior to host lounge 14	Category II Non-friable	Miscellaneous	7 EA
DWG4-grey putty door window glaze♦♦	Sampled Winter 2012	Basement – room 155A, Ground floor – room 3D, 24, 24 hallway, 3C, hall G, hallway outside room 69, BAD 2, , 1st floor – room 54B, stair lobby 1, 25, 26, 36, 37, , 2nd floor – stair D, hall outside room 209, airport admin 1, 4th floor – room 8, stairwell entrance	Category II Non-friable	Miscellaneous	14 EA
DWG5-white putty door window glaze	Sampled Winter 2012	Ground floor - room 12	Category II Non-friable	Miscellaneous	2 EA
DS3-cream/tan duct patch on metal ducts	Sampled Winter 2012	2nd floor – host 4 4th floor - fan room & room 8 Penthouse – channel 3	Category I Non-friable	Miscellaneous	12 SF
DS5-grey putty duct sealant between/on top of duct seams	Sampled Winter 2012	2nd floor - host 4	Category I Non-friable	Miscellaneous	5 SF +
DS11 Beige putty duct sealant between HVAC seams	Sampled Winter 2012	1st floor roof - north of S.P.	Category II Non-friable	Miscellaneous	5 SF

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Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
PPS2-grey putty pipe penetration sealant	Sampled Winter 2012	Basement - room 151	Category II Non-friable	Miscellaneous	1 SF
TVB2-black tar/felt layers on face of upper concrete deck beam (2" visible)	Sampled Winter 2012	Ground floor - above rooms 24A, 24 & 3D	Category II Non-friable	Miscellaneous	22 LF
TVB3-black tar vapor barrier on concrete deck	Sampled Winter 2012	1st floor - wicked subs	Category II Non-friable	Miscellaneous	20 SF
TVB5-tar layer on backside of walkin refrigerator walls	Sampled Winter 2012	Basement - room 157(5 walk-in coolers)	Category II Non-friable	Miscellaneous	1235 SF
TVB8-black tar felt vapor barrier between concrete	Sampled Winter 2012	2nd floor - SP room 208	Category II Non-friable	Miscellaneous	42 LF
TVB9-black tar felt vapor barrier coming out of concrete deck	Sampled Winter 2012	3rd floor - room 80	Category II Non-friable	Miscellaneous	15 LF
TVB10-black tar felt vapor barrier coming out of concrete deck	Sampled Winter 2012	1st floor – public corridor B, room 21 & 22	Category II Non-friable	Miscellaneous	56 LF
TVB12-tar vapor barrier above upper metal window lentils	Sampled Winter 2012	2nd floor exterior – State Police windows (61)	Category II Non-friable	Miscellaneous	860 SF
GAL1-black tar galbestos coating	Sampled Winter 2012	Control tower – interior side of exterior metal wall panels	Category I Non-friable	Miscellaneous	480 SF
TP1-transite panel w/ holes	Sampled Winter 2012	3rd floor – rooms FAA1 & 77	Category II Non-friable	Miscellaneous	816 SF

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Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
PM1 Black fibrous tar pipe material *(Concourse A)*	Sampled Fall 2012	Basement – exterior (near Concourse A) exiting from foundation	Category II Non-friable	Miscellaneous	14 EA *(length unknown)*
RDM1 – black road drain material	Sampled 9/13	Exterior abutment – under road overpass towards the Sheraton Hotel	Category II Non-friable	Miscellaneous	4 EA *(length undetermined)*
CF2 – copper flashing with tar coating	Sampled 9/13	1st floor – airside exterior wall – SE side	Category I Non-friable	Miscellaneous	80 SF
WVB1 – black tarlike fibrous wall vapor barrier	Sampled 9/13	Ground floor – Room 68, 68A, Customs 5 area (mainly interior) **See Drawing for location**	Category II Non-friable	Miscellaneous	1,700 SF
WVB2 – black tarlike fibrous wall vapor barrier	Sampled 9/13	Ground floor – Room 68, 68A, Customs 5 area (all interior) **See Drawing for location**	Category II Non-friable	Miscellaneous	1,200 SF
Black wall vapor barrier (WVB1 & 2)	Assumed 9/13	Ground floor – additional interior walls which may have wall vapor barrier	Category II Non-friable	Miscellaneous	500 SF
WVB3 – black tarlike fibrous wall vapor barrier	Sampled 9/13	Basement – wall between Boiler Room & 149 corridor	Category II Non-friable	Miscellaneous	460 SF

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Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
WVB4 – black tarlike fibrous wall vapor barrier	Sampled 9/13	1st floor – public side exterior wall & entry areas	Category II Non-friable	Miscellaneous	7,620 SF
WVB5 – black tarlike fibrous wall vapor barrier	Sampled 9/13	1st floor – air side exterior wall (some interior locations)	Category II Non-friable	Miscellaneous	4,500 SF
WVB6 – black tarlike fibrous wall vapor barrier	Sampled 9/13	2nd floor – exterior walls throughout	Category II Non-friable	Miscellaneous	7,000 SF
WVB7 – black tarlike fibrous wall vapor barrier	Sampled 9/13	3rd floor – exterior wall of original structure	Category II Non-friable	Miscellaneous	3,040 SF
WVB8 – black tarlike fibrous wall vapor barrier	Sampled 9/13	4th floor – exterior walls (excluding fan & machine rooms) Penthouse - exterior walls	Category II Non-friable	Miscellaneous	3,600 SF
Adhesive/tar behind corrugated metal panels between windows	Assumed 10/13	2nd floor – all windows, 3rd floor – SW/Public side windows	Category II Non-friable	Miscellaneous	660 SF
FTP1-old black tar flashing paper below deck (old roofing)	Sampled Winter 2012	Ground floor – BAD 1 & 2	Category I Non-friable	Miscellaneous	20 SF
FL1-black flashing tar on walkways seams & screws	Sampled Winter 2012	Control tower – exterior walkway	Category I Non-friable	Miscellaneous	2 SF
FL3 Remnant roof tar flashing on concrete beam above deck	Sampled Winter 2012	2nd floor - room 216A	Category I Non-friable	Miscellaneous	12 SF
RF2 Asphalt tar/fiberglass/tar/concrete 1.5" thick	Sampled Winter 2012	4th floor – roof	Category I Non-friable	Miscellaneous	180 SF

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Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
PEN1 Penetration tar flashing	Sampled Winter 2012	4th floor – roof	Category I Non-friable	Miscellaneous	250 SF
PEN2 Penetration flashing tar	Sampled Winter 2012	3rd floor - roof	Category I Non-friable	Miscellaneous	24 SF
PEN3 Penetration flashing tar	Sampled Winter 2012	3rd floor - roof	Category I Non-friable	Miscellaneous	80 SF
PER1 Perimeter tar flashing	Sampled Winter 2012	4th floor - roof	Category I Non-friable	Miscellaneous	700 SF
PER3 Perimeter flashing tar	Sampled Winter 2012	3rd floor - roof	Category I Non-friable	Miscellaneous	450 SF
FL4 Black flashing tar on duct	Sampled Winter 2012	1st floor roof - north of S.P.	Category I Non-friable	Miscellaneous	40 SF
FL6-black flashing tar on metal duct vents into roof	Sampled Winter 2012	1st floor – NW of SP roof	Category I Non-friable	Miscellaneous	24 SF
FL7-black flashing tar remnants on window sills	Sampled Winter 2012	2nd floor - North roof (on 3rd flr window sills)	Category I Non-friable	Miscellaneous	45 SF
Rubber membrane roofing	Assumed Winter 2012	Ground floor – roof 1st floor – entry roof, 2nd floor – state police roof & north roof	Category I Non-friable	Miscellaneous	20,270 SF
FL2-black flashing on top of metal canopy seams (IAB)	Sampled Winter 2012	1st floor – metal canopy roof (including escalator area roof)	Category I Non-friable	Miscellaneous	180 SF

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Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
Built-up roofing	Assumed Winter 2012	Ground floor – host 14 roof	Category I Non-friable	Miscellaneous	360 SF
Penetration, perimeter & pitch pocket flashing materials *(based on multiple sample results from November 1997 inspection)*	Sampled March 1997	Ground floor – North side lower roof & section of roof that goes under portion of 1st floor	Category I Non-friable	Miscellaneous	4,950 SF
FL1 – perimeter flashing – 2 layers (roll-on black tar)	Sampled 9/13	Roof outside Host 14 Lounge (ground level)	Category I Non-friable	Miscellaneous	100 SF
FL2 – tar flashing inside pitch tar box support	Sampled 9/13	Roof outside Host 14 Lounge (ground level)	Category I Non-friable	Miscellaneous	8 SF
FD2-white fire door insulation (wd door w/ metal covering)	Sampled Winter 2012	2nd floor - host 4, 4th floor - room 83B	Friable	Thermal System Insulation	3 EA
FD3-white fire door insulation in wood door	Sampled Winter 2012	2nd floor - OPS lobby 3rd floor – room 80	Friable	Thermal System Insulation	2 EA
Fire door insulation	Assumed Winter 2012	1st floor – public corridor electrical closet	Friable	Thermal System Insulation	2 EA
Fire door insulation (corrugated)	Assumed Winter 2012	3rd floor – hall D1	Friable	Thermal System Insulation	4 EA

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Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
Fire door insulation	Assumed Winter 2012	Basement – room 149, 153 & ESB1, ESB2 Ground floor – SP Mech room, viaduct switch room, room next to FAA electrical vault 2nd floor – throughout	Friable	Thermal System Insulation	91 EA
Fire door insulation	Assumed Winter 2012	Throughout Terminal	Friable	Thermal System Insulation	20+ EA
RI1-corrugated radiator insulation	Sampled Winter 2012	2nd floor - sky lounge, conference room & 216A-C	Friable	Thermal System Insulation	330 SF
PPS1-white fibrous packing material	Sampled Winter 2012	Ground floor- room 74	Category II Non-friable	Miscellaneous	2 SF
Spray-on fireproofing insulation *(Sample #'s 434-436 & 452 from October 1997 Inspection)*	Sampled Summer 1997	Basement – Disposal room , 149 corridor, room 154, 155, 156, 157, liquor storage, 157 refrigerators/freezer, elevator (See Drawing) *(Residual spray-on found under more recent applications where indicated on drawing)*	Friable	Surfacing Material	7000 SF
Spray-on fireproofing insulation*	Sampled Winter 2012	Ground floor – see ACM drawing for locations	Friable	Surfacing Material	17,958 SF

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Spray-on fireproofing insulation*	Sampled Winter 2012	1st floor – see ACM drawing for locations	Friable	Surfacing Material	14,814 SF
Spray-on fireproofing insulation*	Sampled Winter 2012	2nd floor – see ACM drawing for locations	Friable	Surfacing Material	4,840 SF
Spray-on fireproofing insulation	Sampled Winter 2012	3rd floor – see ACM drawing for locations	Friable	Surfacing Material	3,228 SF
Spray-on fireproofing insulation *(Sample #'s 172-174 from October 1997 Inspection)*	Sampled Summer 1997	4th floor – see ACM drawing for locations	Friable	Surfacing Material	336 SF
Spray-on fireproofing insulation debris *(Sample #'s 434-436 & 452 from October 1997 Inspection)*	Sampled Summer 1997	Basement – ESB2, 155 and 157	Friable	Surfacing Material	60 SF
Spray-on fireproofing insulation debris	Sampled Winter 2012	Ground floor – state room	Friable	Surfacing Material	1 SF
Interior boiler insulation	Assumed Winter 2012	Basement – boiler room (3 boilers)	Friable	Thermal System Insulation	150 SF
Mudded fittings *(based on numerous samples from October 1997 inspection)*	Sampled Summer 1997	Throughout building	Friable	Thermal System Insulation	1,028 EA
Dip lagged pipe insulation end in wall *(Sample #434 from October 1997 Inspection)*	Sampled Summer 1997	Basement – 149 corridor	Friable	Thermal System Insulation	2 SF

AHERA Categories = thermal system insulation (TSI), surfacing material or miscellaneous
NESHAP Categories = friable, category I non-friable or category II non-friable
Friable = crumbled, pulverized or reduced to powder by hand pressure when dry
Category I Non-friable = packings, gaskets, resilient floor covering and asphalt roofing
Category II Non-friable = all non-friable that is not Category I
+=Additional mudded fittings may exist in inaccessible building locations
♦EPA Regulated PCB caulk/glaze
♦♦CTDEEP Regulated PCB caulk/glaze
*Although asbestos was not detected through analysis, this spray-on insulation is considered positive due to contamination from residual ACM spray-on insulation.

TABLE 2D IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%) BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT					
Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
Pipe insulation	Sampled Summer 1997	Throughout building	Friable	Thermal System Insulation	4,000 LF
Residual pipe insulation	Assumed Winter 2012	2nd floor – host kitchen & host 2	Friable	Thermal System Insulation	15 LF
PI1-tan paper/cloth/black tar/black insulation	Sampled Winter 2012	Ground floor – PCA (outside Mech A) and hall outside room 72	Friable	Thermal System Insulation	70 LF
Tar coating on duct/pipe insulation *(Sample #'s 170-171 from October 1997 inspection)*	Sampled Summer 1997	3rd floor - roof	Category II Non-friable	Thermal System Insulation	560 SF and 30 LF
DD1-white/black debris stuck on metal duct	Sampled Winter 2012	2nd floor - kitchen host 4	Friable	Thermal System Insulation	4 SF +
Cork/mudded insulation on ducts *(Sample #'s 48-50 from October 1997 inspection)*	Sampled Summer 1997	Ground floor – American Baggage	Friable	Thermal System Insulation	150 SF
Mucked insulation over cork insulation HVAC & duct *(Sample #'s 159-161 from October 1997 inspection)*	Sampled Summer 1997	4th floor throughout	Friable	Thermal System Insulation	5000 SF
		3rd floor – room 51 & hall outside room 51			800 SF
Roof drain insulation	Assumed Winter 2012	1st floor – public concourse A 2nd floor – room 203, CTS2 & break room 1	Friable	Thermal System Insulation	4 EA

AHERA Categories = thermal system insulation (TSI), surfacing material or miscellaneous
NESHAP Categories = friable, category I non-friable or category II non-friable
Friable = crumbled, pulverized or reduced to powder by hand pressure when dry
Category I Non-friable = packings, gaskets, resilient floor covering and asphalt roofing
Category II Non-friable = all non-friable that is not Category I
+=Additional mudded fittings may exist in inaccessible building locations
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*Although asbestos was not detected through analysis, this spray-on insulation is considered positive due to contamination from residual ACM spray-on insulation.

TABLE 2D IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%) BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT					
Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
ACD1 – aircell debris on tunnel floor	Sampled 9/13	Tunnels – 10' to each side of Ground floor – Room 13A Access hatch	Friable	Thermal System Insulation	3 SF scattered over 120 SF
Mag pipe insulation	Assumed 9/13	Tunnels –Ground floor – Room 13A Access hatch – running into wall under room 13A	Friable	Thermal System Insulation	10 LF +
Pipe flange gaskets	Assumed Winter 2012	Throughout terminal	Category I Non-friable	Miscellaneous	Unknown
Duct gasket	Assumed Winter 2012	2nd floor – host kitchen	Category I Non-friable	Miscellaneous	3 LF
White cloth flex connector	Assumed Winter 2012	Basement – boiler room (150)	Category II Non-friable	Miscellaneous	4 EA
Flex duct connector *(Sample # 158 from October 1997 inspection)*	Sampled Summer 1997	4th floor	Category II Non-friable	Miscellaneous	5 EA
White wire insulation (loose)	Assumed Winter 2012	Ground floor – room 67	Category II Non-friable	Miscellaneous	1 SF
Interior insulation/sealant components in HVAC unit	Assumed Winter 2012	Basement – room 153 1st floor – north of SP roof, 2nd floor – room 200A, 4th floor – room 83	Category II Non-friable	Miscellaneous	12 SF
FC1-soft white flue caulk	Sampled Winter 2012	Ground floor – room 69	Category II Non-friable	Miscellaneous	1 SF

AHERA Categories = thermal system insulation (TSI), surfacing material or miscellaneous
NESHAP Categories = friable, category I non-friable or category II non-friable
Friable = crumbled, pulverized or reduced to powder by hand pressure when dry
Category I Non-friable = packings, gaskets, resilient floor covering and asphalt roofing
Category II Non-friable = all non-friable that is not Category I
+=Additional mudded fittings may exist in inaccessible building locations
♦EPA Regulated PCB caulk/glaze
♦♦CTDEEP Regulated PCB caulk/glaze
*Although asbestos was not detected through analysis, this spray-on insulation is considered positive due to contamination from residual ACM spray-on insulation.

TABLE 2D IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%) BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT					
Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
WRG1-white rope gasket behind metal frame	Sampled Winter 2012	Exterior - host lounge 14	Category I Non-friable	Miscellaneous	240 LF
Insulation components in circuit boxes	Assumed Winter 2012	Throughout interior & exterior of building	Category II Non-friable	Miscellaneous	87 EA
Insulation components in electrical equipment	Assumed Winter 2012	Basement – room 153 & ESB1 Ground Floor-room 74 & exterior,	Category II Non-friable	Miscellaneous	26 SF
Insulation components in transformers	Assumed Winter 2012	Basement, Ground & 2nd floors	Category II Non-friable	Miscellaneous	4 EA
Pre-fabricated wall insulation	Assumed Winter 2012	2nd floor – room 200 area	Category II Non-friable	Miscellaneous	400 SF

AHERA Categories = thermal system insulation (TSI), surfacing material or miscellaneous
NESHAP Categories = friable, category I non-friable or category II non-friable
Friable = crumbled, pulverized or reduced to powder by hand pressure when dry
Category I Non-friable = packings, gaskets, resilient floor covering and asphalt roofing
Category II Non-friable = all non-friable that is not Category I
+=Additional mudded fittings may exist in inaccessible building locations
♦EPA Regulated PCB caulk/glaze
♦♦CTDEEP Regulated PCB caulk/glaze
*Although asbestos was not detected through analysis, this spray-on insulation is considered positive due to contamination from residual ACM spray-on insulation.

TABLE 3A CONFIRMED NON-ASBESTOS CONTAINING MATERIALS (<1%) BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT	
Material	**General Location**
CONCOURSE A	
Shr1 - gray sheetrock & associated white joint compound	Throughout
Shr2 - Brown sheetrock/no joint compound	Ground floor – Men's & Women's Bathroom 3
Pl1 - Light gray base coat plaster & associated dark gray skim coat	Ground floor - Mech. 94
Pl2 - gray base coat & associated gray base coat	Ground floor - stairwell 94 (underside of stairs)
Gr1 Blue/green between 12x12 stone panels on center facade	1st floor - Paradies
Gr2 white grout between 4x4 ceramic wall tile	1st floor – men & women's bathrooms, men & women's bathrooms 2, Ground floor – men & women's bathrooms, janitor's closet
Gr3 Gray grout associated w/2 in. ceramic floor tile	1st floor – men & women's bathrooms, men & women's bathrooms 2, Ground floor – men & women's bathrooms, janitor's closet
Gr4a Light Gray Grout bet. Multi sized sm. ceramic tile	1st floor – Janitor's Closet
Gr5b Light Gray Grout under 4 in. x 8 in. ceramic Fl. Tile	1st floor – Host Bar
Gr6 Light Gray Grout/paper und. 2 in. ceramic Fl. Tile	1st floor – men & women's bathrooms 2
Gr7b Gray Grout behind 4 in. ceramic Wall base	Ground floor – bridge area
Gr8 Gray Grout assoc. w/.75x.75 in. ceramic Fl. Tile	Ground floor – Men's & Women's Bathroom 3
Gr9b White Grout und. 4 in. x 4 in. ceramic Wall Tile	Ground floor – Men's & Women's Bathroom 3
CB1 4 in. dark Blue Cove Base & associated beige glue	1st floor – DAL area, B2 hallway
CB2 4 in. Brown Cove Base (no lip) & associated brown glue	1st floor – DAL area, Ground floor – room 89-109 area
CB3 4 in. Gray Cove Base & associated cream glue	1st floor – B4 Boarding Ramp, paradies, security lobby, Ground floor – room 89-109 area
CB4 4 in. Brown Cove Base & associated white glue	1st floor – Room 106
CB5 Black 4 in. Cove Base & associated white stretchy glue	1st floor – B5 Boarding Ramp
CB6 6 in. Blue Cove Base & associated cream glue	1st floor – Security Lobby
CB7 4 in. Gray Cove Base & associated yellow glue	Ground floor
CB8 4 in. brown Cove Base & associated tan glue	Ground floor – throughout, 1st floor – state room
CB9 4 in. Gray/Blue Cove Base & associated tan/brown glue	Ground floor
CB10 4 in. Pink/maroon Cove & associated brown/cream glue	Ground floor

**** However, associated layers are positive.***

♦EPA Regulated PCB caulk/glaze

♦♦CTDEEP Regulated PCB caulk/glaze

TABLE 3A CONFIRMED NON-ASBESTOS CONTAINING MATERIALS (<1%) BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT	
Material	**General Location**
CB11 4 in. Dk. Blue Cove Base & associated yellow glue	Ground floor
CB12 6 in. Cove Base & associated beige glue	Ground floor
CT1 2x4 Comma/Pinhole Ceiling Tile	Ground floor - throughout, 1st floor – room 106
CT3 2x4 sm. Pinhole w/sm. Numerous wormhole	Ground floor
CT4 2x4 lg. Wormhole/Pinhole Ceiling Tile	Ground floor
CT5 2x4 Clean Pinhole/sm. Dash Ceiling Tile	Ground floor
CT6 2x4 Clean Pinhole/Wormhole Ceiling Tile	Ground floor
CT7 2x2 Coarse/Pinhole Ceiling Tile	1st floor – state room
CT8 2x2 Heavy Coarse/Pinhole Ceiling Tile	1st floor – B2 Hallway
FT2 white Floor Tile*	1st floor – AAL room
FT3a 12x12 Tan Confetti Self Stick Floor Tile	1st floor - stairwell B
FT4 Cream Floor Tile & associated tan mastic	Ground floor
FT5 Black Mastic associated with 9x9 thin tan w/brown streaks floor tile*	Ground floor - G-04 (under HVAC & cabinet)
FT6 12x12 Mottled Gray & associated black mastic	Ground floor
FT7 12x12 white w/Blue Confetti Pattern (no Glue)	Ground floor
FT8 12x12 White Stone Pattern floor tile*	Ground floor
G1 Yellow Glue Under Gray Leveler	1st floor – DAL area
G2 brown Glue Behind 4 in. Wood Baseboard	1st floor – paradies
G3 Cream Glue Behind 12x12 Stone Panels (counter)	1st floor – paradies
G5 Tan Glue Behind 8 in. ceramic Wall Base on Facade	1st floor – host bar
G7 Tan Glue assoc. w/CB4	Ground floor & 1st floor
G8 Tan Glue under CB2	1st floor - AAL hold room
G10 Beige/Brown Glue Under Rubber Tread	1st floor - boarding ramps
G11 brown. Glue Under Rubber Tread	1st floor - boarding ramps
G12 Tan Glue Under Rubber Tread	1st floor - boarding ramps
G13 brown Stretchy Glue Under Rubber Tread	1st floor - boarding ramps
G14 Super Sticky Yellow Cove Base Glue	Ground floor
G14a Yellow Glue Connectors Between Gr8 Tiles	Ground floor – Men's & Women's Bathroom 3
G16 Tan Glue Behind Counter/Wall	Ground floor
G17 Yellow Residual Glue on Wall	Ground floor
WPG1 Tan Wall Panel Glue on Plastic Corner Trim	1st floor – DAL area
WPG2 white Wall Panel Glue Behind white Panel	1st floor – DAL area
WPG3 Lt. brown Wall Panel Glue (Btw sheetrock layers)	1st floor – DAL area
WPG4 white. Grayish Glue Under Plastic Wall Panel	1st floor – security lobby
WPG5 Tan Glue Between sheetrock Wall Panels	1st floor – security lobby

**** However, associated layers are positive.***

♦EPA Regulated PCB caulk/glaze

♦♦CTDEEP Regulated PCB caulk/glaze

TABLE 3A CONFIRMED NON-ASBESTOS CONTAINING MATERIALS (<1%) BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT	
Material	**General Location**
WPG6 Yellow Glue Behind Chair Rail (4 In. High)	1st floor – security lobby
WPG7 Cream Glue Behind white Plastic Wall Panel	Ground floor
C1 Gray Flexible Sticky Caulk	1st floor
C3 Gray Flexible Caulk	1st floor
C7 white Flexible Caulk	Ground floor
DS2 white Seam Sealant o/s Fiberglass Duct Seams	Ground floor - G04 mech
DS3 brown/orange glue between layers of Outer Duct Insulation	Ground floor - G04 mech
DS4 Black Sticky Putty Seam Sealant on HVAC 1	Ground floor – Mech 110
DS5 Black Putty Seam Sealant on HVAC 2	Ground floor – Mech 110
CG1 Yellow Carpet Glue	Throughout
CG2 Green Carpet Glue	Throughout
CG3 Orange Clear Super Sticky Carpet Glue	1st floor - boarding ramps
CG5 Cream Carpet Glue	Ground floor
CG6 Yellow Carpet Glue	Ground floor
CTG1white Hard Glue Behind 4x4 in. Cer. Wall Tile	1st floor – men & women's bathrooms
CTG2 Tan Glue Behind 4x4 in. Cer. Wall Tile	1st floor – men & women's bathrooms 2
Lev1 Gray soft Leveler	1st floor
Lev2 Gray/Yellow Material	1st floor – security lobby
WCG1 Yellow Wall Carpet Glue	1st floor – security lobby
WG1 Interior Gray Pliable Glaze on 4x4 Windows♦♦	Exterior – windows &W1 window systems
DWG2 White Semi-Putty on 2x3 door Window	1st floor - boarding ramps
SU1 Dark Brown Sink Undercoating	Throughout
SU2 Black Sink Undercoating	Throughout
SU3 White Sink Undercoating	Throughout
VB1 Dark Flexible Vapor Barrier Under Gr3	1st floor – men & women's bathrooms
VB2 Greenish Paper Barrier Under Counter top	1st floor – host bar
FS1 Dark brown Fire Stop Around Elec. Conduits	Throughout
FS2 Red Flexible Fire Penetration Caulk	Throughout
PC1 Black Tar/Foil on Fiberglass Pipe Insulation	Ground floor
PC2 Black Tar/Foil on 2 in o/d Tan Paper Water Line	Ground floor
PS1 white Seam Sealant on F/G/PVC Insulation Seams	Throughout
CI1 white CalSil Block Insulation	Ground floor
TR1 Black Tar Flashing Remnant	Ground floor - women's bathroom 3
MI1 Gray Mud on CI1	Ground floor - G-04 Mech
WPG8-beige glue behind counter wall panel	Ground floor
EJ2 Black brittle tar-like material between concrete pad floor joints	Exterior - ground
DT1 Black flashing tar at door seam	Exterior - boarding ramp B8

**** However, associated layers are positive.***

♦EPA Regulated PCB caulk/glaze

♦♦CTDEEP Regulated PCB caulk/glaze

TABLE 3A CONFIRMED NON-ASBESTOS CONTAINING MATERIALS (<1%) BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT	
Material	**General Location**
ST1 –small stone/grey grout material	Exterior – all walls
ST2–small stone/grey grout material(patch)	Exterior - wall
RG1 creamy-yellow (hard ext/soft int) glue under lower metal flashing	Exterior – under lower metal roof flashing
TVB1 Black fibrous tar material*	Exterior – wall/floor joint around original concourse
TVB2 Tar covering copper	Exterior – inner wall of concrete overhang (from 1st floor)
HM1 – grey tacky foam-like material between HVAC seams	Lower section roof – HVAC unit
DWG4 Gray putty door window glaze	Exterior – west side
C9 Light gray hard flex caulk♦♦	Ground floor – W1 window systems – around windows
C13 Light gray powdery surface sticky caulk	Exterior – 1st floor windows, ground floor-windows, doors & joints
C14 Light gray flexible stretchy caulk on vents	Upper section roof
C15 Black flexible caulk on parapet seams	Upper section roof
C16 Gray flexible somewhat crumbly caulk	Lower section roof
SC1-silver silicone caulk *(non-suspect)*	Exterior bridge area – on roof/upper windows
SC2-tan silicone caulk *(non-suspect)*	Exterior bridge area – on roof/upper windows
CF1-copper flashing w/thin layer of black tar	Inside exterior wall of original concourse
CF2-copper flashing w/thick layer of black tar	Inside exterior wall of ground floor addition
Tar coating on I-beam	Upper section of metal structural column in ground floor addition (SW)
FVB5 – black plastic-like floor vapor barrier	Ground floor – south end
C7 light gray flexible w/lighter powdery surface on new exterior surfacing material *(Concourse B)*	Exterior – wall joints, windows, doors & vents
G54 Cream glue daubs behind ST1 Styrofoam panels *(Murphy Terminal)*	Exterior – ground floor, 1st floor
Built-up roofing	Upper section roof, midsection roof, lower section roof, jet bridge roofs, lower section (south) roof, SW low side roof
Plastic damp proofing *(non-suspect)*	Ground floor - wall base – inside of exterior walls of original concourse
Styrofoam insulation *(non-suspect)*	Exterior – 1st floor - walls under ST1and behind brick, Ground floor – wall base behind brick (where CF1 is located), Behind brick of addition (SW)
Fiberglass batting insulation *(non-suspect)*	Scattered throughout
Fiberglass/PVC pipe insulation *(non-suspect)*	1st floor – pipes & roof drains, Ground floor - pipes
Fiberglass duct insulation *(non-suspect)*	1st floor - throughout
Metal ceiling tiles w/ fiberglass insulation above *(non-suspect)*	1st floor – many of the boarding ramps
Particle board walls *(non-suspect)*	1st floor – some boarding ramps

**** However, associated layers are positive.***

♦EPA Regulated PCB caulk/glaze

♦♦CTDEEP Regulated PCB caulk/glaze

TABLE 3B CONFIRMED NON-ASBESTOS CONTAINING MATERIALS (<1%) BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT	
Material	**General Location**
CONCOURSE B	
G1 Hard beige glue under windowsill	Room 147
G2 Yellow glue assoc. w/16x16 rubber tread flooring	Room 147
G3 Beige pliable sheetrock glue to mirror in wall	Room 147A
G4 Brown mirror glue on sheetrock wall	Room 147A
G5 Tan glue behind sheetrock covered columns	Public corridor – near room 147 area
G6 Gray glue behind plastic wall coverings	Public corridor – bridge area
G7 Tan brittle glue behind sheetrock walls	Public corridor & TWA holdroom
G8 Cream glue behind plastic wall panel	Public corridor
G9 Dark cream glue under brick ceramic floor tile	Public corridor – near TWA hold room
G10 Tan glue under slate window sills	Interior of W1 window systems – east of bridge area
G11 White glue behind 4” ceramic wall tile patch	Men & women’s bathroom
G12 Yellow glue behind 2” ceramic wall tiles	Room 123C
G13 Yellow glue between sheetrock walls	TWA Holdroom
G15-brown glue under rubber floor tread	B20 metal boarding ramp
G16-yellow carpet glue	B20 metal boarding ramp
CT1 2x2 small worm pinhole ceiling tiles	Rooms 147/147A
CT2 2x4 wormhole pinhole ceiling tiles	Room 129, 130, Men’s bathroom, women’s bathroom & custodial closet between bathrooms
CT3-2’x4’ thin divot/pinhole ceiling tile	B20 boarding ramp
DS1 Yellow glue on gray duct fiberglass cover	Throughout
DS2 Black/gray surface putty flex between duct unit seams	Lower Mech A(Baltimore aircoil unit)
DS3 gray putty sealant between duct unit seam	Lower Mech A(Baltimore aircoil unit)
DS4 Gray flex putty between duct unit seams	Lower Mech. A & B (Trane Duct Unit)
DS5 Tan crumbly sealant between Trane duct seam	Lower Mech. A & B
CB1 4” black cove base	Throughout
CB2 6” blue cove base	Throughout
CB3 4” beige cove base	Room 124-130 Area
CB4 4” blue cove base	Room 124-130 Area
CB5 6” gray cove base	B17 Ramp
CBG1 beige glue	Throughout
CBG2 Dark olive brittle cove base glue	Room 129-136 Area
CBG3 Tan stretchy cove base glue	Room 124-130 Area
CBG4 Yellow thin cove base glue	B17 Ramp
FT1 black mastic*	Room 127, 135A
FT2 12x12 white w/black streak floor tile & associated yellow glue	Room 129 & 131
FT4 – 12x12 black floor tile*	Room 129

**** However, associated layers are positive.***

♦EPA Regulated PCB caulk/glaze

♦♦CTDEEP Regulated PCB caulk/glaze

TABLE 3B CONFIRMED NON-ASBESTOS CONTAINING MATERIALS (<1%) BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT	
Material	**General Location**
CG1 Tan semi-pliable carpet glue	Throughout
Lev1 Gray levelastic	Room 147
Lev2 Off-white levelastic	Public corridor
Gr1 Maroon grout between/under brick cer. floor tile	Public corridor – near TWA hold room
Gr2 Gray grout w/white specks between slate stone window sills	Interior of WG1window systems & some WG4
Gr3 Gray grout between/under 3/4" ceramic floor tiles	Men's bathroom, women's bathroom & custodial closet between bathrooms
Gr4a White grout between 4" ceramic wall tile	Men's bathroom, women's bathroom & custodial closet between bathrooms
Gr4b White grout behind 4" ceramic wall tile	Men's bathroom, women's bathroom & custodial closet between bathrooms
Gr5 Light gray grout between 2" ceramic wall tile	Room 123C
WB1 Gray hard wall board	Men's bathroom, women's bathroom & custodial closet between bathrooms
FBGLT1 Fiberglass board with tar paper	Rooms 147/147A
Shr1 Light brown sheetrock behind ST1 covering	Exterior – W4 window system coverings
SU1 White sink undercoating	Room 123A
FS1 Brown firestop	Utility room & above ceiling throughout
EC1 White flaky end cap insulation	Lower Mech A
C3 White flexible caulk♦♦	Interior – Room 130, 124 B &B20 boarding ramp Exterior – joint outside utility room
C7 light gray flexible w/lighter powdery surface (on new exterior surfacing material) *(homogeneous to C7 in Concourse A)*	Exterior walls – joints, windows, doors & vents
C8 Dark gray hard (slight flex) caulk (around old marble lower window panes) ♦	W4 window systems – on exterior of lower marble panels
C9 White semi-flexible caulk	Exterior – B17 & B20 metal boarding ramps
C10 Light gray very flexible (powder snap) Caulk♦♦	Interior & exterior of 2 windows on east end of TWA holdroom & at B20 boarding ramp entrance
C11 Light flex caulk on ground Concrete slab seams♦♦	Exterior – outside utility room
C12-grey tacky flexible caulk	B20 boarding ramp – storage 1
WG3 White outer/gray inner window glaze♦	W4 window systems – covering WG4 in various locations
WG4 Dark gray (slight silverish) glaze on windows♦	W4 window systems
SI1 – clear silicone caulk/glaze *(non-suspect)*♦♦	W1 window systems (scattered) – covering WG1 & C2
SI2 – silver silicone glaze *(non-suspect)*	Exterior – north windows
DWG1 Black stretchy door window glaze	Exterior - B20 boarding ramp (metal)

**** However, associated layers are positive.***

♦EPA Regulated PCB caulk/glaze

♦♦CTDEEP Regulated PCB caulk/glaze

TABLE 3B CONFIRMED NON-ASBESTOS CONTAINING MATERIALS (<1%) BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT	
Material	**General Location**
TVB1 Black fibery vapor barrier (3/4" Thick)	Exterior-along wall/ground foundation
T1 Tar vapor barrier along ext. of ground at foundation	Exterior-along wall/ground foundation (above TVB1)
CBT1 – black column base tar	Base of metal structural columns throughout
VB1 – tan paper vapor barrier	Various locations stuffed in CMU blocks
RG1 – yellow glue under rubber tread roofing material	B 17 ramp roof
Built-up roofing	Roof
G54 Cream glue daubs behind ST1 Styrofoam panels *(Murphy Terminal)*	Exterior
Plastic damp proofing *(non-suspect)*	Wall base – inside of exterior walls
Black plastic *(non-suspect)*	In walls – associated with original window lentils
Fiberglass batting insulation *(non-suspect)*	Above ceiling tiles and in walls
Fiberglass pipe insulation *(non-suspect)*	Throughout
Fiberglass/PVC pipe insulation *(non-suspect)*	Throughout
Styrofoam insulation *(non-suspect)*	Exterior - Covering original W4 windows & over upper sections of wall (above 7' mark)

**** However, associated layers are positive.***

♦ EPA Regulated PCB caulk/glaze

♦ ♦ CTDEEP Regulated PCB caulk/glaze

TABLE 3C CONFIRMED NON-ASBESTOS CONTAINING MATERIALS (<1%) BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT	
Material	**General Location**
IAB	
CT1- 2x2 comma/pinhole ceiling tile	Ground floor – throughout, 1st floor – public corridor, bathroom area
CT2- 2x2 divot/multi pinhole size ceiling tile	Ground floor - Room 167, stair 1
CT3- 1x1 canyon pattern spline ceiling tile	Ground floor - Room 169, Room 172
CT4- 2x4 comma/pinhole ceiling tile	Ground floor - Room 172, 172a, 8A, 8F, bay 1B, arinc hall, arinc 1-3 1st floor – B22 area
CT5- 1x1 spline snowflake pattern ceiling tile	Ground floor - Room 172
CT6-1'x1' wormhole, pinhole pattern-splined ceiling tile	Ground floor – TSA 2, TSA 4, 1st floor – elevator lobby
CT7- 2x4 wormhole/pinhole ceiling tile	Ground floor - bay 1c
CT8- 2x4 wormhole/pinhole ceiling tile	Ground floor - bay 1a
CT9- 2x2 wormhole/pinhole ceiling tile	Stair tower 1
CT10- 2x2 ridgeline ceiling tile	Ground floor - baggage claim 4, hall area outside bath 1A & 2A
CT11-2'x4' sheetrock ceiling tile with light texture	1st floor - Entry 1 & 2
SHR1-White sheetrock & associated tan joint compound	Throughout
SHR2-Light gray sheetrock & associated white joint compound	Throughout
PL1-Gray plaster basecoat & associated white skim coat	Throughout
FT1- 12x12 brown w/dark and light brown confetti floor tile & associated orange glue	Ground floor - room 171a, 172, 172A,
FT 3- 12x12 white w/gray confetti pattern floor tile & associated black mastic	Ground floor - room 8a, 8C, 8D, 8E, hall 8, provo room, arinc 1-3, arinc hall
FT4- 12x12 pale green confetti pattern floor tile & associated black mastic	Ground floor - room 8a, 8C, 8D, 8E, hall 8, provo room, arinc 1-3, arinc hall
FT6-12"x12" grey w/ black spots & associated tan glue	1st floor – Verizon room
CB1- 6" brown cove base	Throughout
CB2- 6" light brown mauve cove base	Throughout
CB3- 4" black cove base	Throughout
CB4- 4" dark blue cove base	Throughout
CB5- 6" blue cove base	Throughout
CB6- 6" gray cove base	Throughout
CB7- 4" green cove base	Throughout
CB8-4" black cove base	Throughout
CB9-4" brown cove base	Throughout

**** However, associated layers are positive.***

♦EPA Regulated PCB caulk/glaze

♦♦CTDEEP Regulated PCB caulk/glaze

TABLE 3C CONFIRMED NON-ASBESTOS CONTAINING MATERIALS (<1%) BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT	
Material	**General Location**
CB10-4" grey covebase & CBG6-yellow glue	1st floor – Verizon room
CBG2-tan cove base glue	Throughout
CBG3-cream cove base glue	Throughout
CBG4- white cove base glue	Throughout
G1-light tan glue behind fiberboard wall panel	Ground floor – room 166-172 area
G2-beige glue behind counter wall panel	Ground floor - Room 8 area
G3-yellow glue under 1.5'x1.5' rubber floor tiles	Stair tower 1
G4-beige glue behind sheetrock walls	Ground floor - Baggage claim 4
G5-cream glue behind plastic wall panel	1st floor - room 174
G6-yellow residual glue (behind sheetrock wall)	1st floor - room 174
G7-greenish wall panel glue behind metal panel	1st floor - B23 area
G8-tan wall panel glue behind metal panel	1st floor - B23 area
G9-beige glue behind sheetrock wall	1st floor - area 3
WCG1-Yellow wall carpet glue	Ground floor – baggage claim 4, 1st floor – public corridor
M2-Yellow glue under 12x12 pink VCT	Ground floor – room 166-172 area
M4-Black residual mastic around/under carpet perimeter	1st floor - elevated area
CG1-Yellow carpet glue	Throughout
CG2-Green sticky carpet glue	Throughout
LEV1-Gray leveler	Throughout
LEV2-White leveler	Throughout
LEV3-Cream leveler	1st floor - elevated area
LEV4-dark brown/black leveler	1st floor - elevated area
GR1-Gray grout behind and between 1.5" ceramic wall tiles	Ground floor – men & women's bathrooms, men & Women's bathroom 8, 1st floor – men & women's bathrooms
GR2-Gray grout under and between 1.5" ceramic floor tiles	Ground floor – bathroom 1A & 2A,
C1-black flexible caulk	Ground floor – exterior of bay 2A/2B area, exterior of stair tower 1
C2-grey flexible caulk♦	Throughout the interior & exterior of the building on floor joints ,wall joints, columns, windows, etc.
C3-hard semi-flex caulk (brownish-dirty grey) ♦♦	Throughout interior/exterior of building on windows, doors & joints
C4A – brown powdery exterior real flexible caulk♦♦	Ground floor – on window exterior to baggage claim 4
C4B – brown exterior real flexible caulk *(non-suspect)*♦	Ground floor – various components on the interior/exterior of ground floor
C4C-brown exterior real flexible caulk *(non-suspect)*	Ground floor – exterior side of entry near bathroom 1A & 2A and vents along wall

**** However, associated layers are positive.***

♦EPA Regulated PCB caulk/glaze

♦♦CTDEEP Regulated PCB caulk/glaze

TABLE 3C CONFIRMED NON-ASBESTOS CONTAINING MATERIALS (<1%) BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT	
Material	**General Location**
C4D – brown exterior real flexible caulk *(non-suspect)*♦ ♦	1st floor – interior/exterior of Entry 1 & 2, exterior of former entry (between entry 1 &2)
C5-brown sticky slight flex caulk♦ ♦	Ground floor – hall outside room 168 and on exterior side of TSA lobby door
C7-cream hard brittle caulk♦ ♦	Upper entry roof – wall/roof joint, Lower entry roof – west corner
C8 – mauve hard caulk♦ ♦	1st floor –on upper area sides of doors/windows in public corridor (interior/exterior)
C22-grey caulk *(part of C22 series from Murphy Terminal)*	1st floor – exterior west on joints, windows, doors
WG1A-brown semi pliable glaze on interior of WG1 windows♦ ♦	Ground floor – interior of some windows, 1st floor – interior of WG1 window systems & upper windows
WG5-black putty window glaze♦ ♦	1st floor – area 3
DWG1-white hard door window glaze	1st floor - exterior B21 boarding ramp
DWG2-black putty door window glaze♦ ♦	Ground floor – room 8D & end of B22 boarding ramp
EC1-Mudded end-cap/valve insulation	Ground floor – boiler room
MF1-Mudded fittings in Mechanical room	Ground floor – boiler room
BR1-Gray brittle breaching cement on chimney	Ground floor – boiler room
SPF3 – grey spray-on fireproofing	Ground floor – Bay2A & 2B
PI1-Black tar paper layer under paper of fiber glass pipe insulation	Throughout
PS1-White seam sealant on white fiberglass lines with PVC fittings	Throughout
DS1-light yellow glue under silver wrapped fiberglass duct insulation	Throughout
DS3-Gray flex sealant in "Trane" HVAC unit	Ground floor - TSA Mech
FS1-Red flexible fire penetration sealant	Throughout
PEN1- Penetration flashing tar*	Roof 1
PEN2- Penetration flashing tar* *(Description altered from ACM COC – G.K.)*	Roof 2
PER1- Perimeter flashing tar*	Roof 1
PER2- Perimeter flashing tar*	Roof 2
RSC1- Soft concrete under RF1	Roof 1
RSC2- Soft concrete under RF2	Roof 2
RSC3- Soft concrete under RF3	Roof 3
RSC4-Soft concrete under RF4	Upper entry roof
RSC5-Soft concrete under RF5*(homogenous to RSC4)*	Lower entry roof
RF1- Silver asphalt roll-on 2" thick/asphalt layer*	Roof 1
RF2- Silver asphalt roll on/asphalt/tar layers* *(Description altered from ACM COC – G.K.)*	Roof

**** However, associated layers are positive.***

♦EPA Regulated PCB caulk/glaze

♦ ♦CTDEEP Regulated PCB caulk/glaze

TABLE 3C CONFIRMED NON-ASBESTOS CONTAINING MATERIALS (<1%) BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT	
Material	**General Location**
RF3- Silver asphalt/tar layers* (1.5" thick)	Roof 3
RF4-Stone/asphalt tar built-up layer	Upper entry roof
RF5-Stone/asphalt tar built-up layer *(same as roofing from Entry roof under west canopy (south) in 1997 roof inspection)*	Lower entry roof
FL1- Black flashing tar around duct/HVAC interface	Ground floor - exterior – HVAC unit outside TSA
TC1A- Tar coating on outside of HVAC duct *(Description altered from ACM COC – G.K.)*	Ground floor - exterior – HVAC unit outside TSA
TC1- white bumpy textured coating *(Description altered from ACM COC – G.K.)*	Exterior – underside of entire Main roof overhang
TC2- bumpy textured coating on SHR2 *(Description altered from ACM COC – G.K.)*	Ground floor – baggage claim 4
SC1-Rough white skim coat on concrete drop tile	Ground floor - room 8A, 8C, 8D, 8E & hall 8
ST1- stone grey stucco-like wall covering *(part of ST1 series from Concourse B samples)*	1st floor – exterior west on joints, windows, doors
FC1A – white (dirty) cloth flex connector	1st floor - elevated HVAC rooms 1 – 3 (above public corridor)
RPT1 – black tar on radiator panel (inner panel)	1st floor – interior of airside heating units
TVB1- Black tar vapor barrier/fibrous ground joint material	Exterior – ground/wall intersection around entire building, in columns & joints under 1st floor road
TVB1A – tar vapor barrier wrapped around former fill line	Ground floor - exterior outside boiler room (former UST fill line)
TVB2-black tar at floor/wall	1st floor - men & women's bathrooms
VB1 – black tar/cloth vapor barrier	Ground floor – airside – inside exterior wall of Boiler Room (12" – 18" high)
VB2 – Black tar/cloth vapor barrier	Ground floor – east & south sides - inside exterior wall (12" – 18" high)
FVB1 – black sticky floor tar vapor barrier	1st floor – men & women's room
FVB2 – black plastic-like floor vapor barrier	Ground floor – TSA area & bathrooms (between concrete & dirt)
FVB3 – black tarry floor vapor barrier with fibers	Ground floor – Room 8A – 8E area (between concrete & dirt)
RGG1 – grey glue/grout material under ramp posts *(Murphy Terminal)*	Exterior – ramp/road on public side of IAB
PBT1 Black pitch box tar *(Murphy Terminal)*	Roof 1& upper entry roof
RSWI – grey fiberboard sidewalk insulation	Exterior - ground floor - middle sidewalk
RRS1 – black rubber-like material on posts	Exterior – ramp/road on public side of IAB
Fiberglass ceiling tiles *(non-suspect)*	Ground floor – room 171, 171A
Fiberglass batting insulation *(non-suspect)*	Ground floor – bay 1B-1D (above ceiling tiles), overhang (inside of outer wall),

**** However, associated layers are positive.***

♦EPA Regulated PCB caulk/glaze

♦♦CTDEEP Regulated PCB caulk/glaze

TABLE 3C CONFIRMED NON-ASBESTOS CONTAINING MATERIALS (<1%) BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT	
Material	**General Location**
Fiberglass/PVC pipe insulation *(non-suspect)*	Throughout
Silicone glue under panels *(non-suspect)*	1st floor – B23 stair area
Slate/stone floor tiles *(non-suspect)*	Throughout
Styrofoam insulation *(non-suspect)*	1st floor – exterior west & south side wall
Foam insulation	Ground floor – boiler room condensor
TERMINAL A-B CONNECTOR	
6" black cove base	Throughout
Tan cove base glue	Throughout
Yellow carpet glue	Throughout
White flexible caulk	Throughout
2'x 2' smooth ceiling tile	Throughout
Beige glue between outer metal walls & inner Styrofoam insulation	Exterior of connector
Brown sheetrock (no JC)	Inside wall behind fiberglass insulation - Throughout
Styrofoam insulation *(non-suspect)*	Exterior – behind metal panel wall
Silver silicone caulk *(non-suspect)*	Interior – around windows
Fiberglass batting insulation *(non-suspect)*	Interior – behind sheetrock walls

**** However, associated layers are positive.***

♦ EPA Regulated PCB caulk/glaze

♦ ♦ CTDEEP Regulated PCB caulk/glaze

TABLE 3D CONFIRMED NON-ASBESTOS CONTAINING MATERIALS (<1%) MURPHY TERMINAL BRADLEY INTERNATIONAL AIRPORT – TERMINAL B WINDSOR LOCKS, CONNECTICUT	
Material	**General Location**
MURPHY TERMINAL	
G1-brown glue behind wood chair rail	Ground floor – delta baggage claim, public concourse A, American baggage, baggage corridor 1st floor – public corridor A-D
G2-beige glue behind plywood and/or sheetrock	Ground floor – delta baggage claim, public concourse A, American baggage, baggage corridor 1st floor – public corridor A-D
G3-yellow residual glue (between sheetrock walls)	Ground floor – delta baggage claim, public concourse A, American baggage, baggage corridor 1st floor – public corridor A-D
G4-beige residual glue	Ground floor- public concourse A
G5-beige riser stair glue	Ground floor- stairs in public concourse A and baggage corridor area
G6-light brown rubber floor tread glue	Ground floor – delta baggage claim, public concourse A, American baggage, baggage corridor 1st floor – public corridor A-D
G7-black glue under rubber floor treads	Ground floor – hall G stairwell
G9-cream glue behind 3” corner trim guard	Ground floor – American baggage (luggage belts)
G10-white brittle glue behind 4” ceramic wall tile	1st floor – snack bar 15
G11-greenish glue behind plastic wall panel	1st floor – snack bar 15
G13-cream glue behind ceramic tile bar wall base (8” high)	1st floor - host lounge 14
G14-light brown glue behind sheetrock	1st floor – stair lobby 1, 1st floor – G25
G15-yellow glue behind 2” ceramic wall tile	Ground floor – men’s bathroom 1, 1st floor – family bathroom, men’s bathroom 6, women’s bathroom 6
G16-dark tan glue behind wood baseboard	1st floor - paradies
G17-beige glue behind wood baseboard	1st floor - paradies
G18-tan glue behind laminate counter panels	1st floor - paradies
G19-tan mirror glue daubs	1st floor – paradies, wicked subs
G20-yellow glue behind 4” ceramic wall tiles	1st floor – men’s & women’s bathroom 6
G21-light brown wall panel glue	Ground floor – SP66B
G22-white glue behind counter sideboard	Ground floor –men’s bathroom 1
G23-brown ceiling tile glue daubs under 1’x1’ cellulose ceiling tile	1st floor – G25
G25-tan glue daubs behind wall paneling	1st floor – wicked subs
G26-cream glue behind 4”ceramic wall tile	1st floor – wicked subs
G27-brown glue behind white plastic wall panel	1st floor – wicked subs kitchen, paradies 16B
G28-black mirror glue daubs	1st floor – paradies 16A
G29-tan glue daubs behind plastic panel in walk-in freezer	Basement – all 5 walk-in coolers off room 157

**** However, associated layers are positive.***

♦EPA Regulated PCB caulk/glaze

♦♦CTDEEP Regulated PCB caulk/glaze

TABLE 3D CONFIRMED NON-ASBESTOS CONTAINING MATERIALS (<1%) MURPHY TERMINAL BRADLEY INTERNATIONAL AIRPORT – TERMINAL B WINDSOR LOCKS, CONNECTICUT	
Material	**General Location**
G30-light brown glue daubs behind column panels	1st floor- samuel adams
G31-tan glue behind plastic panel	1st floor- samuel adams
G32-brown glue behind 12x12 ceramic wall tile	1st floor-munsons 143
G33-tan glue under fiberboard wall panel	1st floor-munsons 143
G35-light brown wall panel glue behind fiberboard wall panel	2nd floor- conference room
G36-black glue under rubber stair treads	2nd & 3rd floor - stairwell C
G38-brown glue behind fiberboard wall panel	3rd floor - throughout
G39-dark brown glue daubs behind old 2'x4' Ceiling tiles	3rd floor - throughout
G42-tan glue daubs behind fiberboard wall panel	2nd floor – state police area
G43-dark brown residual glue daubs	2nd floor – state police area
G44-tan glue behind 1.5" ceramic wall tile	2nd floor – men's & women's bathroom off Hall 2C
G46-tan glue behind plastic wall panel	2nd floor –host kitchen area
G48-yellow glue under thin baseboard wood covering & lower wood panel	2nd floor – airport OPS 1-3
G49-yellow glue behind plastic wall panel	3rd floor - throughout
G51-orange glue between styrafoam window insulation	3rd floor – room 78 & 81
G53 Brown glue behind CT29	2nd floor - room 216 area
G54 Cream glue daubs behind ST1 Styrofoam panels	Exterior – ground floor, 1st floor
G55 Sticky putty glue under metal roofing	Airside -corrugated metal roofing accessible from 1st floor North of S.P. roof
G56 Dark brown glue daubs behind (paper/cork/ ACM) duct insulation on metal	Penthouse – channel 3, 4th floor - throughout
G57-greyish tan brittle glue globs on wire fence	1st floor - North of SP roof
GDa-dark brown glue daub from remnant ceiling tile	Throughout terminal
CG1-yellow-orange glue	Throughout terminal
CG2-beige carpet glue	Throughout terminal
CG3-green carpet glue	Throughout terminal
CG4-yellow powdery carpet glue	Throughout terminal
WCG1-yellow/orange wall carpet glue	Ground floor – delta baggage claim, public concourse A, American baggage, baggage corridor and all public areas 1st floor – public corridor A-D and all public corridors
WCG2-white flaky glue behind wall carpet	Ground floor – delta baggage claim, public concourse A, American baggage, baggage corridor and all public areas 1st floor – public corridor A-D and all public corridors
WCG3-dark orange wall carpet glue	Control tower
WPG1-yellow glue behind plastic wall panel	Ground floor – delta baggage claim, public concourse

**** However, associated layers are positive.***

♦EPA Regulated PCB caulk/glaze

♦♦CTDEEP Regulated PCB caulk/glaze

TABLE 3D CONFIRMED NON-ASBESTOS CONTAINING MATERIALS (<1%) MURPHY TERMINAL BRADLEY INTERNATIONAL AIRPORT – TERMINAL B WINDSOR LOCKS, CONNECTICUT	
Material	**General Location**
	A, American baggage, baggage corridor and all public areas 1st floor – public corridor A-D and all public corridors
WPG2-cream glue behind blue plastic wall panel	Ground floor – delta baggage claim, public concourse A, American baggage, baggage corridor and all public areas 1st floor – public corridor A-D and all public corridors
CT1-2'x2' comma/pinhole ceiling tile	Throughout terminal
CT2-2'x2' divot/pinhole ceiling tile	Throughout terminal
CT3-2'x2' ridgeline ceiling tile (partial spline)	Throughout terminal
CT4-2'x2' dropped pinhole/splotch ceiling tile	Throughout terminal
CT5-2'x2' multi-size pinhole ceiling tile w/ laminate surface	Throughout terminal
CT6-2'x2' heavy coarse ceiling tile w/ foil backing	Throughout terminal
CT7-2'x2' heavy coarse ceiling tile	Throughout terminal
CT8-2'x2' heavy coarse pinhole ceiling tiles	Throughout terminal
CT9-2'x4' comma/pinhole ceiling tile	Throughout terminal
CT10-2'x4' smooth ceiling tile	Throughout terminal
CT11-2'x2' light brown heavy coarse ceiling tile	Throughout terminal
CT12-2'x2' wormhole/pinhole ceiling tile	Throughout terminal
CT13-2'x4' comma/pinhole ceiling tile	Throughout terminal
CT14-2'x4' long wormhole/pinhole ceiling tile	Throughout terminal
CT15-2'x2' smooth sheetrock ceiling tile	Throughout terminal
CT16-2'x2' splotchy/ pinhole (w/ pink edges above hangars)	Throughout terminal
CT17-2'x2' deep terrain comma/comma pinhole ceiling tile	Throughout terminal
CT18-2'x4' comma/pinhole (2'x2' design)	Throughout terminal
CT19-2'x2' stony ceiling tile w/ foil backing	Throughout terminal
CT20-2'x4' wormhole/pinhole ceiling tile	3rd & 4th floor - throughout
CT21-2'x2' heavy coral ceiling tile	3rd floor - throughout
CT22-2'x4' clean comma (straight)/pinhole	3rd flr - throughout
CT23-2'x2' long wormhole w/ multisize pinhole	2nd floor - throughout
CT24-2'x4' divot/pinhole ceiling tile	2nd floor - throughout
CT25-2'x4' long wormhole (horizontal)/pinhole ceiling tile	2nd floor - throughout
CT26-2'x2' light texture drop down ceiling tile	2nd floor - throughout
CT27-2'x2' light rough w/ pinhole ceiling tile	3rd floor - throughout
CT28-2'x4' multi-size pinhole ceiling tile	3rd floor - throughout

**** However, associated layers are positive.***

♦EPA Regulated PCB caulk/glaze

♦♦CTDEEP Regulated PCB caulk/glaze

TABLE 3D CONFIRMED NON-ASBESTOS CONTAINING MATERIALS (<1%) MURPHY TERMINAL BRADLEY INTERNATIONAL AIRPORT – TERMINAL B WINDSOR LOCKS, CONNECTICUT	
Material	**General Location**
CT29 1x1 wormhole ceiling tile	2nd floor - room 216 area
GR1-grey grout behind ceramic wall tiles (on columns)	Ground floor – public concourse A
GR2A-light grey grout between 4" ceramic wall tiles	Ground floor - women's bathroom 1
GR2B-dark grey grout behind 4"ceramic wall tiles	Ground floor - women's bathroom 1
GR3A-dark grey grout between 1.5" ceramic wall tile	Ground floor - women's bathroom 1
GR3B-light grey grout behind 1.5" ceramic wall tile	Ground floor - women's bathroom 1
GR4-grey grout between/under 1.25" smooth ceramic floor tiles	Bathroom's throughout
GR5-white grout between 4" ceramic wall tiles	1st floor - snack bar 15
GR6A-grey grout between mulit-size ceramic floor tiles	1st floor - snack bar 15
GR6B-light grey grout under mulit-size ceramic floor tiles	1st floor - snack bar 15
GR7A-dark brown grout between brick shape ceramic floor tiles	1st floor - host lounge 14
GR7B-light grey grout under brick shape ceramic floor tiles	1st floor - host lounge 14
GR8A-pink grout between pink hue marble wall tiles	1st floor – public corridor A (outside paradies 16A)
GR8B-cream grout behind pink hue marble wall tiles	1st floor – public corridor A (outside paradies 16A)
GR9-grey grout between/under 1.5" ceramic floor tiles	1st floor – men's & women's bathroom 5
GR11-grey grout between 3" ceramic wall tile	Ground floor – men's bathroom , 1st floor - family bathroom, men's & women's bathrooms 6
GR11A-grey grout between 1'x1' marble floor tiles	1st floor - paradies
GR11B-white grout under 1'x1' marble floor tiles	1st floor - paradies
GR12-grey grout between/under .75" ceramic floor tiles	Ground floor – men's bathroom , 1st floor - men's & women's bathrooms 6
GR13-white grout behind 6" ceramic wall base	Ground floor - SP66 area
GR14A-dark brown grout between tan brick style ceramic floor tiles	1st floor - wicked subs
GR14B-greyish red grout under tan brick style ceramic floor tiles	1st floor - wicked subs
GR15-grey grout under/between 1'x1' marble floor tiles	1st floor - paradies 16A
GR16A-dark maroon grout between brick style ceramic floor tiles	1st floor - samuel adams
GR16B-white grout under brick style ceramic floor tiles	1st floor - samuel adams
GR17-grey grout between/under 3" ceramic floor tiles	2nd floor - sky lounge kitchen
FT1- 12x12 light brown confetti floor tile*	Ground floor-delta baggage claim

**** However, associated layers are positive.***

♦EPA Regulated PCB caulk/glaze

♦♦CTDEEP Regulated PCB caulk/glaze

TABLE 3D CONFIRMED NON-ASBESTOS CONTAINING MATERIALS (<1%) MURPHY TERMINAL BRADLEY INTERNATIONAL AIRPORT – TERMINAL B WINDSOR LOCKS, CONNECTICUT	
Material	**General Location**
FT4- 12x12 grey confetti floor tile*	Ground floor - stairwell S2
FT5- 12x12 grey confetti (thicker confetti)*	Ground floor - stairwell S2
FT6-12x12 light brown confetti floor tile & associated tan glue	Throughout terminal
FT8-12x12 grey confetti floor tile & associated yellow glue	Ground floor - SP66 area
FT9-white floor tile	Ground floor - SP66 area
FT10-white floor tile & associated black mastic	Ground floor - SP66 area
FT11- grey floor tile & associated black mastic	Ground floor - SP66 area
FT12- grey floor tile*	Ground floor -American baggage (stairs)
FT14- blue floor tile*	1st floor - room 31, 28A 28B and hall between 28A/B
FT17-12x12 cream w/ darker cream streaks floor tile & associated orange glue	Throughout terminal
FT21-12x12 tan w/ brown & white streaks floor tile/brown & associated black mastic	2nd floor - throughout
FT22-12x12 black w/ white specks floor tile & associated yellow glue	2nd floor - throughout
FT24-12x12 pale blue w/grey white confetti floor tile	2nd floor - throughout
FT25-12x12 cream confetti floor tile (glut to thin to sample)	2nd floor - throughout
FT26-12x12 cream w/ grey confetti floor tile (greenish hue) & associated black mastic	2nd floor - throughout
FT31-12x12 tan w/ maroon & white confetti/orange floor tile & associated black mastic	Ground floor - BAD 5
FTc – black mastic associated with FTc	1st floor - room 53-55B area
Tan glue associated with 12x12 floor tile*	Ground floor – room SC1
LIN1-3”x3’ wood stain pattern flooring & associated yellow glue	1st floor - samuel adams
LIN2-tan small stone pattern linoleum & associated yellow glue	3rd floor – room 77/77B
LEV2-brown leveler	Throughout terminal
LEV3-grey leveler	Throughout terminal
LEV4-grey/black/green layered material leveler	Ground floor – public concourse A
LEV5-white leveler	Throughout terminal
M1-residual black mastic	Throughout 1st floor & ground floor
SPF2-grey fluffy spray-on*	Ground floor
SPF3-grey troweled on fireproofing w/mica flecks*	Spray-on areas throughout 1st floor & ground floor
SPF4-light grey fluffy spray-on (lighter then SPFa)*	1st floor - 53-55B area
SPF4A-thin grey (no mica flecks) spray-on fire	1st floor – west spray-on section

**** However, associated layers are positive.***

♦EPA Regulated PCB caulk/glaze

♦♦CTDEEP Regulated PCB caulk/glaze

TABLE 3D CONFIRMED NON-ASBESTOS CONTAINING MATERIALS (<1%) MURPHY TERMINAL BRADLEY INTERNATIONAL AIRPORT – TERMINAL B WINDSOR LOCKS, CONNECTICUT	
Material	**General Location**
proofing (thin application)*	
SPF5-white troweled on hard fireproofing*	1st floor – west spray-on section
SPF6-cream rough troweled-on spray-on patch*	1st floor – west spray-on section
SPFa-c-grey spray-on fireproofing (confirmation samples)*	Spray-on areas throughout 1st floor & ground floor
SPFd-white hard porous spray-on insulation (same as basement spray-on)*	4th floor-machine room
CB1-6" blue vinyl covebase	Throughout terminal
CB2-6" black covebase	Throughout terminal
CB3-6" grey covebase	Throughout terminal
CB4-4" dark brown covebase	Throughout terminal
CB5-4" black covebase	Throughout terminal
CB6-6" brown covebase	Throughout terminal
CB7-4" blue covebase	Throughout terminal
CB8-4" grey cove base	Throughout terminal
CB9-4" white covebase	Throughout terminal
CB11-6" cream covebase	Throughout terminal
CB12-4" tan covebase	Throughout terminal
CBG1-cream covebase glue	Throughout terminal
CBG2-light brown covebase glue	Throughout terminal
CBG3-tan covebase glue	Throughout terminal
CBG4-dark brown covebase glue	Throughout terminal
CBG5-black covebase glue	Throughout terminal
C3-grey flexible caulk♦♦	Basement-around double doors to loading dock, Ground floor-room 10, 13 & hall G on wall joints & doors
C4-white flexible caulk	Basement, Ground floor - room 10, 12, 1st - 3rd floor-throughout
C7-slightly flexible light brown caulk♦♦	1st floor - public corridor A - doorway near IAB on joints
C9-semi-pliable sticky grey caulk (on ext. side of window)	1st floor – room 30B & adjacent hall
C11-sticky, flexible dark brown caulk	1st floor – public corridor C entrance
C16 Gray flexible tacky caulk	Ground floor – exterior – around windows, doors, joints, etc.
C17 Black really flexible caulk	Ground floor – exterior – outside room 3B around window
C18 Beige flexible caulk	Ground floor – exterior – around doors & joints
C22 gray sticky flexible caulk	1st floor – exterior public side – on joints, windows, etc., Ground floor – exterior – on joints, windows,

**** However, associated layers are positive.***

♦EPA Regulated PCB caulk/glaze

♦♦CTDEEP Regulated PCB caulk/glaze

TABLE 3D CONFIRMED NON-ASBESTOS CONTAINING MATERIALS (<1%) MURPHY TERMINAL BRADLEY INTERNATIONAL AIRPORT – TERMINAL B WINDSOR LOCKS, CONNECTICUT	
Material	**General Location**
	around planters, etc.
C22B-beige tacky flexible caulk	1st floor – exterior public side – on joints, windows, etc.
C23 Stretchy light brown caulk♦	1st floor – on window units exterior to wicked subs
C24 Hard semi flex gray caulk on old concrete window sills	1st floor – exterior airside - windows
C26 stretchy sticky gray caulk on AA addition♦ ♦	1st floor – on windows exterior to rooms 62A-C and 30B
C28 Gray brittle caulk on top of parapet	Exterior – throughout on windows, joints, doors, etc.
C29 Stretchy flex gray brown caulk	3rd floor roof
C31 Beige stretchy tacky caulk w/gray exterior	1st floor – east of SP roof, north of SP roof, NW of SP roof,
C31A-white flexible (pink interior) caulk	1st floor – north of SP roof (metal window sills)
C32-beige brittle caulk♦ ♦	1st floor – on joints exterior to host lounge 14
C34-dark brown tacky flexible caulk	1st floor – exterior public side– around window units
C36-thin beads of white flexible caulk♦ ♦	1st floor – exterior of wicked subs on window units
C37-dark brown hard caulk	1st floor – exterior - windows outside 20/30's office area
SI1 – silver silicone♦ ♦ *(non-suspect)*	2nd floor – Penthouse – scattered locations over other window glazings & caulks
WG1-black putty interior window glaze♦ ♦	Basement–room 157, 1st floor – escalator lobby 1
WG1A – grey putty interior glaze♦ ♦	Ground floor – public concourse A
WG2-hard grey glaze on interior double pane metal windows♦ ♦	1st floor – 20/30's office area, 4th floor - throughout
WG4-flex grey glaze on large 5'x7' windows♦	1st floor – WG4/WG12 window wall panel system in wicked subs, WS1 and paradies, 2nd floor – Northwest windows
WG9-hard grey glaze on single pane metal framed window*	2nd floor – exterior - telecommunications tower windows
WG10-grey soft flex glaze in large single pane metal windows (5'x4')*	2nd floor – hall 2C
WG16-silver slightly flexible window glaze♦	1st floor – WG4/WG12 window wall panel system in wicked subs, WS1 and paradies, 2nd floor – Northwest & Northeast windows
DWG1-black putty door window glaze♦ ♦	Ground floor–public concourse A & delta baggage claim, 1st floor–public corridor C, 2nd floor–stair D, 3rd floor–room 81 & hall D1, penthouse
DWG7 White flexible window glaze in garage doors	Ground floor – exterior airside – outside room 3C & room 12

**** However, associated layers are positive.***

♦EPA Regulated PCB caulk/glaze

♦ ♦CTDEEP Regulated PCB caulk/glaze

TABLE 3D CONFIRMED NON-ASBESTOS CONTAINING MATERIALS (<1%) MURPHY TERMINAL BRADLEY INTERNATIONAL AIRPORT – TERMINAL B WINDSOR LOCKS, CONNECTICUT	
Material	**General Location**
DS1-hard tan sealant on duct seams under silver fiberglass coating insulation	Throughout terminal
DS4- brown seam sealant on cork duct insulation (it is glue holding it to metal duct as well)	2nd floor - host kitchen area
DS6-yellow crumbly duct glue holding up grey coated fiberglass insulation	2nd floor - host kitchen area
DS7-red duct sealant on duct corner	3rd floor – room 80 area
DS8-grey putty sealant on HVAC unit above ceiling (40LF)	Ground floor - BAD area
DS9 Rust pliable duct sealant between metal seams	Penthouse
DS10 light gray putty duct sealant in HVAC duct unit seams	1st floor - east of S.P. roof & north of S.P. roof
DS12-grey brittle sealant on duct exterior	1st floor roof – north of SP
DS13-grey putty duct sealant in seams	1st floor roof – NW of SP
SU1-white sink undercoating	1st floor - room 28, throughout terminal
SU2-black sink tar undercoating	1st floor - wicked subs, throughout terminal
SU3-black thin smooth sink undercoating	1st floor - munsons 43, throughout terminal
SU4-black sink tar undercoating	2nd floor - sky lounge kitchen, throughout terminal
FS1-dark red fire stop	Throughout terminal
FS2-brown fire stop	Throughout terminal
PL1-plaster-grey basecoat/white skimcoat	Throughout terminal
PL3-soft tan plaster w/ mica flecks	Throughout terminal
PL3A-plaster-grey basecoat/rough white skimcoat	Throughout terminal
SHR1-light grey sheetrock/white joint compound	Throughout terminal
SHR2-white sheetrock/white joint compound	Throughout terminal
SHR3-brown sheetrock/white joint compound	Throughout terminal – kitchens, bathrooms
TC1-cream wavy textured coating on concrete block walls	Ground floor - room 2, 3C, 10, 12, narrow room adjacent to room 12
SC1-white skimcoat	1st floor - public corridor C
WS1-grey stone material/brown grout	Ground floor – room 10
CWB1-cement wall board	Ground floor - women's bathroom 1
TOC1-trowled-on soft concrete*	Ground floor - spray-on areas
VB2A-tan flaky paper vapor barrier	3rd floor - room 77, throughout terminal
RGG1 – grey glue/grout material under ramp posts	Exterior – ramp/road on public side of terminal
RSWI – grey fiberboard sidewalk insulation	Exterior - ground floor - middle sidewalk towards IAB
RRS1 – black rubber-like material on posts	Exterior – ramp/road on public side of terminal
Tunnel debris on tunnel floor	Areas of tunnel around access hatches in rooms 13A, 23, 24 & budget 14
CP1 – black tar /rubber corner patch material near	Area of tunnel at room 23 access hatch

**** However, associated layers are positive.***

♦EPA Regulated PCB caulk/glaze

♦♦CTDEEP Regulated PCB caulk/glaze

TABLE 3D CONFIRMED NON-ASBESTOS CONTAINING MATERIALS (<1%) MURPHY TERMINAL BRADLEY INTERNATIONAL AIRPORT – TERMINAL B WINDSOR LOCKS, CONNECTICUT	
Material	**General Location**
hatch inside tunnel	
TVB1-black tar vapor barrier behind 5”x5” ceramic wall base	Ground floor - room 73
TVB4-tar layer in walk-in refrigerator ceiling	Basement – all 5 walk-in coolers off room 157
TVB11 Black brittle tar vapor barrier	Exterior
EJ1-black expansion joint material in floor	Ground floor – room 3C, 10, 12 & 23
EJ2-black tar expansion joint material in concrete around boilers (and part of boiler room)	Basement - boiler room 150
RTC1-black thin tar-like coating on inside of metal radiator	1st floor - wicked subs area, paradies
RTC1A-black thin tar-like coating on concrete block behind radiators	2nd floor – airport OPS 1-3
RM1 Hard black expansion joint w/fiberglass	1st floor – exterior public side– in between concrete slab joints on side walk
FL2-white flashing tar (over FL1)	Control tower – exterior walkway
FD1-white fire door insulation	Basement – closet adjacent to disposal room
FD4-fire door insulation (wood doors)	3rd floor – hall (multiple doors)
TI1-tan mud over grey insulation	Ground floor - room 69 (tank insulation)
PS1-hard white seam sealant on fiberglass/PVC insulation	Throughout building
SP1-black fibrous packing material at metal panel seams	Control tower – exterior walkway
PW1-tar coating between paper/foil layers of fiberglass pipe insulation coating	Throughout building
PM1-white patching material	1st floor - samuel adams
CAL1-white calcil pipe insulation (metal encased)	Throughout building
ST1 Gray cementitious material under small pebble stucco panels	Ground & 1st floor – exterior of walls
PT1 Gray putty-like pipe tape on electrical conduit (5”)	Ground floor – exterior public side– elevated
PHT1 Silver tape wrap on pipe hanger	Ground floor – exterior public side– elevated
RP1 Asphalt walking tile (2.5x4.5 ft.)	4th floor Roof
RF1 Tar layers/2” foam/Tar/concrete deck	4th floor Roof
RF3 Asphalt tar/foam/tar/foam/tar/concrete 3”thick	4th floor Roof (elevated section at end)
PER2 Perimeter roof flashing tar	4th floor Roof (elevated section at end)
RF4 Asphalt/tar/foam/tar/foam/tar/concrete	3rd floor roof – east section (lower)
RF5 Asphalt/fiberglass/tar/foam/tar/metal deck 6” deep	3rd floor roof – west section (upper)
PER4 Perimeter flashing tar	3rd floor roof – west section (upper)
RFL1 Flexible flashing sealant on rubber membrane roof	2nd floor state police roof – on perimeter & seams

**** However, associated layers are positive.***

♦EPA Regulated PCB caulk/glaze

♦♦CTDEEP Regulated PCB caulk/glaze

TABLE 3D CONFIRMED NON-ASBESTOS CONTAINING MATERIALS (<1%) MURPHY TERMINAL BRADLEY INTERNATIONAL AIRPORT – TERMINAL B WINDSOR LOCKS, CONNECTICUT	
Material	**General Location**
RFL2 Roof flashing on stairwell hatch	2nd floor state police roof
RSC1-soft concrete	2nd floor south roof
RF9-tar roofing layer	2nd floor south roof
RF6 White asphalt roll-on/asphalt/cellulose insulation/tar/concrete	1st floor east of SP roof
RF7 Gray roll-on/asphalt/4”-5” cellulose/tar/concrete	1st floor roof north of S.P.
RT1 Black cork-like roof (1.5x2.5 ft.)	1st floor roof north of S.P.
RF8-white asphalt roll-on/asphalt/cellulose/asphalt/tar	1st floor roof NW of SP
FL5-perimeter/penetration flashing tar (bottom layer)	1st floor roof NW of SP
PBT1 Black pitch box tar	1st floor east of SP roof, 1st floor roof north of SP, 1st floor roof NW of SP
FL3 – penetration flashing – 2 layers (roll-on/tar)	Ground floor Roof outside Host 14
RF1 – Roll-on roofing tar & soft tan concrete material	Ground floor Roof outside Host 14
CF1 – copper flashing with terrycloth coating	Ground floor – exterior wall of Hall G, room 13, room 67 and 69A (12” – 18” high)
FVB4 – tar-like floor vapor barrier	Ground floor-room 73 & BAD area
CONC1 – soft brownish floor concrete (under ceramic layer)	Basement – Room 157 area
Styrofoam insulation in walls behind brick *(non-suspect)*	Ground floor – exterior air side-north & east section
Plastic damproofing in wall behind brick wall (base only) *(non-suspect)*	Ground floor – exterior air side-north & east section
Styrofoam insulation inserts in walls behind brick *(non-suspect)*	Ground floor – exterior air side- room 10 & 12
Styrofoam insulation (2” thick) on outside of exterior CMU walls *(non-suspect)*	Ground floor – exterior public side
Styrofoam insulation (2” thick) on outside of exterior brick walls *(non-suspect)*	1st floor – exterior public side
Styrofoam insulation in walk-in refrigerator *(non-suspect)*	1st floor – samuel adams
Styrofoam insulation in five walk-in refrigerators *(non-suspect)**	Basement – room 157 area
Styrofoam insulation in two walk-in refrigerator *(non-suspect)*	2nd floor – host kicthen
Fiberglass/PVC pipe insulation *(non-suspect)*	Throughout terminal
Fiberglass duct insulation *(non-suspect)*	Throughout terminal
Fiberglass batting insulation *(non-suspect)*	Throughout terminal
Fiberglass insulation under serving pans *(non-suspect)*	1st floor – wicked subs

**** However, associated layers are positive.***

♦EPA Regulated PCB caulk/glaze

♦♦CTDEEP Regulated PCB caulk/glaze

TABLE 4A SUMMARY OF LEAD PAINT XRF MEASUREMENTS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT					
Structure	**No. of Measurements**	**Calibrations**	**Void**	**Lead Detected**	**No Lead Detected**
Concourse A	214	31	0	35	148

See Lead Paint XRF Measurement Table in Appendix G.

TABLE 4B SUMMARY OF LEAD PAINT XRF MEASUREMENTS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT					
Structure	**No. of Measurements**	**Calibrations**	**Void**	**Lead Detected**	**No Lead Detected**
Concourse B	55	14	0	12	29

See Lead Paint XRF Measurement Table in Appendix G.

TABLE 4C SUMMARY OF LEAD PAINT XRF MEASUREMENTS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT					
Structure	**No. of Measurements**	**Calibrations**	**Void**	**Lead Detected**	**No Lead Detected**
IAB	150	42	0	18	90

See Lead Paint XRF Measurement Table in Appendix G.

TABLE 4D SUMMARY OF LEAD PAINT XRF MEASUREMENTS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT					
Structure	**No. of Measurements**	**Calibrations**	**Void**	**Lead Detected**	**No Lead Detected**
Murphy Terminal	406	128	0	125	173

See Lead Paint XRF Measurement Table in Appendix G.

TABLE 5A SUMMARY OF COMPOSITE BUILDING MATERIAL WASTE CHARACTERIZATION BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT				
Waste Stream	**Metal**	**Total PB (mg/kg)**	**SPLP Pb (mg/L)**	**Recyclable as CTDEP "Clean Fill?"**
14 – **White Concrete Block Wall** (Concourse A-ground floor-room 117 BSX)	Lead	ND<2.5	ND<0.013	Yes
Concourse A Bldg. Material Composite (Excluding metal substrates)	**No TCLP sample for Lead warranted as XRF readings on non-metallic components were all below 1.0 mg/cm^2 and therefore the debris is presumed as non-hazardous per CTDEEP/USEPA clarification memo of January 26, 2004.**			

Sample #14 was analyzed for lead following the Synthetic Precipitation Leaching Procedure (SPLP) and Total Metal Procedures for comparison to the CTDEEP Remediation Standard Regulations (RSR's). This sample was collected in an effort to determine if the materials met the CTDEEP definition of "clean fill" and therefore determine the recyclability of the concrete to promote waste minimization efforts.

Note: Any metal components should be recycled to promote waste minimization efforts, rather than disposed of, and the recycling operation is exempt from the USEPA RCRA and CTDEEP Hazardous Waste regulations.

See Appendix I for results and CTDEEP/USEPA clarification memo of January 26, 2004.

BDL - Below Detection Limit
ND - Not Detected

TABLE 5B SUMMARY OF COMPOSITE BUILDING MATERIAL WASTE CHARACTERIZATION BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT				
Waste Stream	**Metal**	**Total PB (mg/kg)**	**SPLP Pb (mg/L)**	**Recyclable as CTDEP "Clean Fill?"**
13 - **Grey/White Concrete Block Wall** (Concourse B-ground floor-room 136)	Lead	ND<2.5	ND<0.013	Yes
15 – **Tan Concrete Block Wall** (Concourse B-ground floor-TWA hold room NW)	Lead	ND<2.5	ND<0.013	Yes
Concourse B Bldg. Material Composite (Excluding metal substrates)	**No TCLP sample for Lead warranted as XRF readings on non-metallic components were all below 1.0 mg/cm^2 and therefore the debris is presumed as non-hazardous per CTDEEP/USEPA clarification memo of January 26, 2004.**			

Samples #13 and **#15** were analyzed for lead following the Synthetic Precipitation Leaching Procedure (SPLP) and Total Metal Procedures for comparison to the CTDEEP Remediation Standard Regulations (RSR's). These samples were collected in an effort to determine if the materials met the CTDEEP definition of "clean fill" and therefore determine the recyclability of the concrete to promote waste minimization efforts.

Note: Any metal components should be recycled to promote waste minimization efforts, rather than disposed of, and the recycling operation is exempt from the USEPA RCRA and CTDEEP Hazardous Waste regulations.

See Appendix I for results and CTDEEP/USEPA clarification memo of January 26, 2004.

BDL - Below Detection Limit
ND - Not Detected

TABLE 5C SUMMARY OF COMPOSITE BUILDING MATERIAL WASTE CHARACTERIZATION BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT				
Waste Stream	**Metal**	**Total PB (mg/kg)**	**SPLP Pb (mg/L)**	**Hazardous/Non-Hazardous**
IAB Bldg. Material Composite (Excluding metal substrates)	**No TCLP sample for Lead warranted as XRF readings on non-metallic components were all below 1.0 mg/cm^2 and therefore the debris is presumed as non-hazardous per CTDEEP/USEPA clarification memo of January 26, 2004.****			

Note: Any metal components should be recycled to promote waste minimization efforts, rather than disposed of, and the recycling operation is exempt from the USEPA RCRA and CTDEEP Hazardous Waste regulations.

**The yellow painted asphalt on the exterior road ramp (line marking paint) and the yellow painted concrete on the exterior wheelchair ramps had elevated lead levels (>1 mg/cm^2) and were included in the Murphy Terminal Non-Metallic Building Materials with Elevated Lead Levels (>1 mg/cm^2) TCLP Sample. The materials were determined to be Non-Hazardous for Lead. Refer to Table 5D for results.

See Appendix I for results and CTDEEP/USEPA clarification memo of January 26, 2004.

BDL - Below Detection Limit
ND - Not Detected

TABLE 5D
SUMMARY OF COMPOSITE BUILDING MATERIAL WASTE CHARACTERIZATION
BRADLEY INTERNATIONAL AIRPORT – TERMINAL B
MURPHY TERMINAL
WINDSOR LOCKS, CONNECTICUT

Waste Stream	Metal	Total PB (mg/kg)	SPLP Pb (mg/L) (GA/GAA)	Recyclable as CTDEP "Clean Fill?"
1 – **White Brick Wall** (Murphy Terminal-basement-vault A)	Lead	75	ND<0.013	Yes
2 – **Green/White Brick Wall** (Murphy Terminal-basement-electrical switchboard room-C wall)	Lead	7.8	**0.018**	**No**
3 – **Green/White Concrete Wall** (Murphy Terminal-basement-electrical switchboard room-C wall)	Lead	2.6	ND<0.013	Yes
4 – **Grey Concrete Block Wall** (Murphy Terminal-ground floor-room 13 dumpster- D wall	Lead	6.9	ND<0.013	Yes
5 – **White Concrete Wall** (Murphy Terminal-basement-vault A-C wall)	Lead	340	ND<0.013	Yes
6 – **Grey/White Concrete Wall** (Murphy Terminal-basement-boiler room 150-C wall)	Lead	31	ND<0.013	Yes
7 – **Green Concrete Block Wall** (Murphy Terminal-4th floor – room 83-C wall)	Lead	85	ND<0.013	Yes
8 - **Grey/White Brick Wall** (Murphy Terminal-basement-boiler room 150-D wall)	Lead	43	**0.021**	**No**
9 - **Tan Concrete Block Wall** (Murphy Terminal-basement-boiler room 150-A wall)	Lead	6.1	ND<0.013	Yes
10 – **Tan Concrete Deck** (Murphy Terminal-ground floor-public concourse A)	Lead	2.9	ND<0.013	Yes

TABLE 5D
SUMMARY OF COMPOSITE BUILDING MATERIAL WASTE CHARACTERIZATION
BRADLEY INTERNATIONAL AIRPORT – TERMINAL B
MURPHY TERMINAL
WINDSOR LOCKS, CONNECTICUT

Waste Stream	Metal	Total PB (mg/kg)	SPLP Pb (mg/L)	Recyclable as CTDEP "Clean Fill?"
11 – **Yellow Concrete Block Wall** (Murphy Terminal-ground floor-room 11)	Lead	100	ND<0.013	Yes
12 – **Pink/Green Concrete Block Wall** (Murphy Terminal-2nd floor – Host 1)	Lead	5.9	ND<0.013	Yes

Waste Stream	Metal	Total Metals mg/kg	TCLP mg/L	Hazardous/Non-Hazardous
Non-Metallic Building Materials with Elevated Lead Levels (>1 mg/cm^2)**	Arsenic	---	---	Analyte not tested
	Barium	---	---	Analyte not tested
	Cadmium	---	---	Analyte not tested
	Chromium	---	---	Analyte not tested
	Lead	---	ND<0.013	Non-Hazardous
	Mercury	---	---	Analyte not tested
	Selenium	---	---	Analyte not tested
	Silver	---	---	Analyte not tested
Basement Boiler room 150 - Ash in 3 chimneys	Arsenic	7.12	0.0389	Non-Hazardous
	Barium	38.2	<0.930	Non-Hazardous
	Cadmium	<0.494	<0.0050	Non-Hazardous
	Chromium	25.2	0.518	Non-Hazardous
	Lead	30.5	0.0587	Non-Hazardous
	Mercury	<0.0262	<0.00020	Non-Hazardous
	Selenium	<2.32	<0.0300	Non-Hazardous
	Silver	<1.48	<0.0100	Non-Hazardous
	Flashpoint °F		**pH**	
	>200 (Non-Hazardous)		2.58 (Non-Hazardous)	
	Reactive Cyanide mg/kg		**Reactive Sulfide mg/kg**	
	<24.8 (Non-Hazardous)		<49.7 (Non-Hazardous)	

Samples #1 through **#12** were analyzed for lead following the Synthetic Precipitation Leaching Procedure (SPLP) and Total Metal Procedures for comparison to the CTDEEP Remediation Standard Regulations (RSR's). These samples were collected in an effort to determine if the materials met the CTDEEP definition of "clean fill" and therefore determine the recyclability of the concrete to promote waste minimization efforts.

** The Non-Metallic Building Materials with Elevated Lead Levels (>1 mg/cm^2) TCLP Sample includes the following materials: grey painted concrete wall in the basement boiler room 150, brown painted plaster wall in the 2nd floor host kitchen, yellow painted asphalt on the exterior road ramp (line marking paint) (Murphy Terminal & IAB) and yellow painted concrete on the exterior wheelchair ramps (Murphy Terminal & IAB).

A boiler ash sample was taken from the basement and tested for TCLP Metals and Total Metals by EPA 6000/7000 Series Methods to determine whether or not the waste stream was hazardous.

Note: Any metal components should be recycled to promote waste minimization efforts, rather than disposed of, and the recycling operation is exempt from the USEPA RCRA and CTDEEP Hazardous Waste regulations.

See Appendix I for results and CTDEEP/USEPA clarification memo of January 26, 2004.

BDL - Below Detection Limit
ND - Not Detected

TABLE 6A INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
CONCOURSE A Ground floor & stairwells – Interior				
Three (3)		Alarm boxes	Ground floor & stairwells – interior	UW – used electronics (printed circuit boards)
Thirty seven (37)		Smoke detectors	Ground floor & stairwells – interior	UW – used electronics (printed circuit boards) Low-level radioactive source
Nine hundred twenty (920)		Fluorescent lights – all shapes & sizes except CFL	Ground floor & stairwells – interior	UW – Hg lamps
Four hundred fifty one (451)		Ballasts	Ground floor & stairwells – interior	CRW – PCB ballasts
Eight (8)		Phone switchboxes	Ground floor & stairwells – interior	UW – used electronics (printed circuit boards)
Four (4)		Amplifiers	Ground floor & stairwells – interior	UW – used electronics (printed circuit boards)
Two (2)		Safety lights	Ground floor & stairwells – interior	UW – Hg lamps UW – used electronics (printed circuit boards)
One (1)	120#	Large A/C unit	Ground floor & stairwells – interior	CFCs/Freon
Six (6)		Circuit boards	Ground floor & stairwells – interior	UW – used electronics (printed circuit boards)
Two (2)		Mercury relay switch	Ground floor & stairwells – interior	UW – Hg switch
One (1)		CFL	Ground floor & stairwells – interior	UW – Hg lamps
Seven (7)		Exit signs	Ground floor & stairwells – interior	UW – used electronics (printed circuit boards) UW – Hg lamps

CRW- Connecticut Regulated Waste – PCBs (CR01), Oils (CR02/CR03), waste chemical liquids - antifreeze, latex & solvent paints, sludges, etc. (CR04), waste chemical solids (CR05)
UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6A INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
Two (2)		Fire alarms	Ground floor & stairwells – interior	UW – used electronics (printed circuit boards) UW – Hg switch
Four (4)		Mercury vapor bulbs	Ground floor & stairwells – interior	UW – Hg lamps
Eight (8)		Fire alarm pull boxes	Ground floor & stairwells – interior	UW – used electronics (printed circuit boards) UW – Hg switch
Six (6)		Keypads	Ground floor & stairwells – interior	UW – used electronics (printed circuit boards)
Three (3)		Power supply	Ground floor & stairwells – interior	UW – used electronics (printed circuit boards)
One (1)		Switch box	Ground floor & stairwells – interior	UW – used electronics (printed circuit boards)
Twenty three (23)		CFLs	Ground floor & stairwells – interior	UW – Hg lamps
Four (4)		Video amplifier	Ground floor & stairwells – interior	UW – used electronics (printed circuit boards)
One (1)		Hebert backup power supply	Ground floor & stairwells – interior	UW – used electronics (printed circuit boards)
Twenty one (21)		Lead acid batteries	Ground floor & stairwells – interior	UW – batteries (Pb acid battery)
One (1)		Liebert smart switch	Ground floor & stairwells – interior	UW – used electronics (printed circuit boards)
One (1)	1 gal	Latex paint	Ground floor & stairwells – interior	CRW – waste chemical liquid
Two (2)		Electronic thermostats	Ground floor & stairwells – interior	UW – used electronics (printed circuit boards)
One (1)		Water chiller	Ground floor & stairwells – interior	CFCs/Freon
Two (2)		CO_2 cylinders	Ground floor & stairwells – interior	I

CRW- Connecticut Regulated Waste – PCBs (CR01), Oils (CR02/CR03), waste chemical liquids - antifreeze, latex & solvent paints, sludges, etc. (CR04), waste chemical solids (CR05)
UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6A INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
Seven (7)		Electronic scale control boxes	Ground floor & stairwells – interior	UW – used electronics (printed circuit boards)
Ten (10)		Scale load cells	Ground floor & stairwells – interior	UW – used electronics (printed circuit boards)
One (1)		Fire extinguisher	Ground floor & stairwells – interior	CRW – waste chemical solid
One (1)	55 gal	Drum of aqueous film forming foam	Ground floor & stairwells – interior	CRW – waste chemical solid
One (1)	14 oz	Ajax	Ground floor & stairwells – interior	CRW – waste chemical solid
Two (2)	12 oz	BonAmi cleaning powder	Ground floor & stairwells – interior	CRW – waste chemical solid
One (1)		Water cooler	Ground floor & stairwells – interior	CFCs/Freon
Two (2)		Spray paint cans	Ground floor & stairwells – interior	I
One (1)	1 gal	Coil cleaner	Ground floor & stairwells – interior	CRW – waste chemical liquid
One (1)	5 gal	Roofing cement	Ground floor & stairwells – interior	CRW – waste chemical solid
One (1)		Fax machine	Ground floor & stairwells – interior	UW – used electronics (printed circuit boards)
One (1)	6'x6'	Cleaning tub – unknown use	Ground floor & stairwells – interior	Unknown
One (1)	55 gal	Drum disinfectant	Ground floor & stairwells – interior	CRW – waste chemical liquid
One (1)		LNG generator	Ground floor & stairwells – interior	CRW – oil
Two (2)		Electronic panels w/batteries	Ground floor & stairwells – interior	UW – used electronics (printed circuit boards) UW – batteries
One (1)	1 gal	10W30 motor oil	Ground floor &	CRW – oil

CRW- Connecticut Regulated Waste – PCBs (CR01), Oils (CR02/CR03), waste chemical liquids - antifreeze, latex & solvent paints, sludges, etc. (CR04), waste chemical solids (CR05)
UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6A INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
			stairwells – interior	
One (1)	32 oz	Hand lotion	Ground floor & stairwells – interior	CRW – waste chemical liquid
One (1)	16 oz	Spray bottle w/oil	Ground floor & stairwells – interior	CRW – oil
One (1)	12 oz	Can of spray lube	Ground floor & stairwells – interior	I
Two (2)		A/C units	Ground floor & stairwells – interior	CFCs/Freon
One (1)	16 oz	Thread anti-seize	Ground floor & stairwells – interior	CRW – waste chemical liquid
One (1)		Communication panel	Ground floor & stairwells – interior	UW – used electronics (printed circuit boards)
One (1)	3 gal	Grout sealer	Ground floor & stairwells – interior	CRW – waste chemical solid
One (1)	25 gal	Tile adhesive	Ground floor & stairwells – interior	CRW – waste chemical solid
One (1)	20 lb	Tile adhesive	Ground floor & stairwells – interior	CRW – waste chemical solid
One (1)	10 gal	Acrylic latex bonding agent	Ground floor & stairwells – interior	CRW – waste chemical liquid
One (1)	40 lb	Concrete dressing	Ground floor & stairwells – interior	CRW – waste chemical solid
One (1)	150 lb	Grout	Ground floor & stairwells – interior	CRW – waste chemical solid
One (1)	50 lb	Concrete repair	Ground floor & stairwells – interior	CRW – waste chemical solid
One (1)	25 lb	Floor leveler	Ground floor & stairwells – interior	CRW – waste chemical solid
One (1)	2 gal	Epoxy hardener	Ground floor & stairwells – interior	CRW – waste chemical solid
One (1)	15 gal	Panel adhesive	Ground floor &	CRW – waste chemical solid

CRW- Connecticut Regulated Waste – PCBs (CR01), Oils (CR02/CR03), waste chemical liquids - antifreeze, latex & solvent paints, sludges, etc. (CR04), waste chemical solids (CR05)
UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6A INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
			stairwells – interior	
Six (6)	80 lb	Bags of concrete	Ground floor & stairwells – interior	IH
One (1)		Alarm	Ground floor & stairwells – interior	UW – used electronics (printed circuit boards)
Unknown		Duct smoke detectors	Ground floor & stairwells – interior	UW – used electronics (printed circuit boards) Low-level radioactive source
Twenty two (22)		Keypads	1st floor interior	UW – used electronics (printed circuit boards)
One hundred fifteen (115)		Mercury vapor bulbs	1st floor interior	UW – Hg lamps
Ten (10)		Electronic panels	1st floor interior	UW – used electronics (printed circuit boards)
Seven (7)		CFLs	1st floor interior	UW – Hg lamps
Eleven (11)		Cameras	1st floor interior	UW – used electronics (printed circuit boards)
Nineteen (19)		Fire alarms	1st floor interior	UW – used electronics (printed circuit boards) UW – Hg switch
Three (3)		Refrigeration units	1st floor interior	CFCs/Freon
Eight (8)		Smoke detectors	1st floor interior	UW – used electronics (printed circuit boards) Low-level radioactive source
Eight hundred sixteen (816)		Fluorescent lights (all shapes & sizes except CFL)	1st floor interior	UW – Hg lamps
Three hundred seventy		Ballasts	1st floor interior	CRW – PCB ballasts

CRW- Connecticut Regulated Waste – PCBs (CR01), Oils (CR02/CR03), waste chemical liquids - antifreeze, latex & solvent paints, sludges, etc. (CR04), waste chemical solids (CR05)
UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6A INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
four (374)				
Three (3)		Keyboards	1st floor interior	UW – used electronics (printed circuit boards)
One (1)		LED light board	1st floor interior	UW – Hg lamps
Four (4)		Electronic thermostats	1st floor interior	UW – used electronics (printed circuit boards)
Five (5)		Exit signs	1st floor interior	UW – used electronics (printed circuit boards) UW – Hg lamps
Six (6)		Fire alarm pull boxes	1st floor interior	UW – used electronics (printed circuit boards) UW – Hg switch
One (1)		Amplifier	1st floor interior	UW – used electronics (printed circuit boards)
Twenty eight (28)		Emergency lights	1st floor interior	UW – used electronics (printed circuit boards) UW – Hg lamps UW – batteries (Ni-Cd battery or Pb-acid battery)
Four (4)		Phones	1st floor interior	UW – used electronics (printed circuit boards)
Twenty five (25)		CFLs	1st floor interior	UW – Hg lamps
One (1)		Power control center	1st floor interior	UW – used electronics (printed circuit boards)
Three (3)		Electric switch boxes	1st floor interior	UW – used electronics (printed circuit boards)
Two (2)		Printers	1st floor interior	UW – used electronics (printed circuit boards)
One (1)		Television	1st floor interior	UW – used electronics (printed circuit boards) UW – used electronics (CRT)

CRW- Connecticut Regulated Waste – PCBs (CR01), Oils (CR02/CR03), waste chemical liquids - antifreeze, latex & solvent paints, sludges, etc. (CR04), waste chemical solids (CR05)
UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6A INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
One (1)		Fire extinguisher	1st floor interior	CRW – waste chemical solid
Unknown		Duct smoke detector	1st floor interior	UW – used electronics (printed circuit boards) Low-level radioactive source
Seven (7)		Motion detectors	1st floor interior	UW – used electronics (printed circuit boards)
One (1)		Mercury thermostat	1st floor interior	UW – Hg ampoule
Two (2)		Water fountains	1st floor interior	CFCs/Freon
One (1)		Monitor	1st floor interior	UW – used electronics (printed circuit boards) UW – used electronics (CRT)
Four (4)		Computer power supply components	1st floor interior	UW – used electronics (printed circuit boards)
One (1)		A/C unit	1st floor interior	CFCs/Freon
Ten (10)		A/C units	Roof	CFCs/Freon
One (1)	30 lb	Cylinder of Freon	Roof	CFCs/Freon
One (1)	10 oz	Silicone caulk	Roof	CRW – waste chemical solid
Ten (10)		Jet Bridge hydraulic systems	Exterior	CRW – hydraulic oil
Eight (8)		Tires	Exterior	CTDEEP Special Waste – tires
Eight (8)		Strobe lights	Exterior	UW – Hg lamps
Sixty eight (68)		Mercury vapor bulbs	Exterior	UW – Hg lamps
Two (2)		Fire extinguishers	Exterior	CRW – waste chemical solid
Unknown		Switchgear panels	Exterior	UW – used electronics (printed circuit boards)
One (1)		Keypad	Exterior	UW – used electronics (printed circuit boards)

CRW- Connecticut Regulated Waste – PCBs (CR01), Oils (CR02/CR03), waste chemical liquids - antifreeze, latex & solvent paints, sludges, etc. (CR04), waste chemical solids (CR05)
UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6B INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
CONCOURSE B				
Two (2)		Security lights	Ground floor interior, boarding ramps, jet bridges	UW – Hg lamps
One thousand fifty two (1,052)		Fluorescent lights	Ground floor interior, boarding ramps, jet bridges	UW – Hg lamps
Five hundred eighty three (583)		Ballasts	Ground floor interior, boarding ramps, jet bridges	CRW – PCB ballasts
Eleven (11)		Smoke detectors	Ground floor interior, boarding ramps, jet bridges	UW – used electronics (printed circuit boards) Low-level radioactive source
Six (6)		Keypads	Ground floor interior, boarding ramps, jet bridges	UW – used electronics (printed circuit boards)
Two (2)		A/C units	Ground floor interior, boarding ramps, jet bridges	CFCs/Freon
Six (6)		Monitors	Ground floor interior, boarding ramps, jet bridges	UW – used electronics (printed circuit boards) UW – used electronics (CRT)
Fourteen (14)		Electronic panels	Ground floor interior, boarding ramps, jet bridges	UW – used electronics (printed circuit boards)
Two (2)		Duct thermometer	Ground floor interior, boarding ramps, jet bridges	UW – Hg ampoule
Five (5)		Electronic thermostats	Ground floor interior, boarding ramps, jet bridges	UW – used electronics (printed circuit boards)
Five (5)		Keyboards	Ground floor interior, boarding ramps, jet bridges	UW – used electronics (printed circuit boards)
Nine (9)		Mercury thermostats	Ground floor interior,	UW – Hg ampoule

CRW- Connecticut Regulated Waste – PCBs (CR01), Oils (CR02/CR03), waste chemical liquids - antifreeze, latex & solvent paints, sludges, etc. (CR04), waste chemical solids (CR05)
UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6B INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
			boarding ramps, jet bridges	
One (1)		Refrigerator	Ground floor interior, boarding ramps, jet bridges	CFCs/Freon
Ten (10)		Fire alarms	Ground floor interior, boarding ramps, jet bridges	UW – used electronics (printed circuit boards) Low-level radioactive source
Eight (8)		Fire alarm pull boxes	Ground floor interior, boarding ramps, jet bridges	UW – used electronics (printed circuit boards) UW – Hg switch
One (1)		Electronic meter	Ground floor interior, boarding ramps, jet bridges	UW – used electronics (printed circuit boards)
Nine (9)		Exit signs	Ground floor interior, boarding ramps, jet bridges	UW – used electronics (printed circuit boards) UW – Hg lamp
Four (4)	16 oz	Hand soap	Ground floor interior, boarding ramps, jet bridges	CRW – waste chemical liquid
Sixteen (16)		CFLs	Ground floor interior, boarding ramps, jet bridges	UW – Hg lamps
One (1)	1 lb	Boric acid	Ground floor interior, boarding ramps, jet bridges	CRW – PCB solid
One (1)		Fire extinguisher	Ground floor interior, boarding ramps, jet bridges	CRW – waste chemical solid
One (1)		Camera	Ground floor interior, boarding ramps, jet bridges	UW – used electronics (printed circuit boards)
One (1)		Electronic sign	Ground floor interior, boarding ramps, jet bridges	UW – used electronics (printed circuit boards)
Unknown		Duct smoke detectors	Ground floor interior, boarding ramps, jet bridges	UW – used electronics (printed circuit boards) Low-level radioactive source
One (1)	16 oz	Anti-seize compound	Ground floor interior, boarding ramps, jet bridges	CRW – waste chemical liquid
One (1)		Heat detector	Ground floor interior,	UW – used electronics (printed

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UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6B INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
			boarding ramps, jet bridges	circuit boards)
One (1)		Oil reservoir in small generator	Ground floor interior, boarding ramps, jet bridges	CRW – oil
One (1)		Matrix box	Ground floor interior, boarding ramps, jet bridges	UW – used electronics (printed circuit boards)
Six (6)	1 oz	Roach bait	Ground floor interior, boarding ramps, jet bridges	T
Two (2)		Safety lights	Ground floor interior, boarding ramps, jet bridges	UW – Hg lamps
Six (6)		Warrior roach bait boxes	Ground floor interior, boarding ramps, jet bridges	T
One (1)	6 oz	Celeste disinfectant	Ground floor interior, boarding ramps, jet bridges	CRW – waste chemical liquid
Two (2)		Emergency light boxes	Ground floor interior, boarding ramps, jet bridges	UW – used electronics (printed circuit boards) UW – Hg lamps UW – batteries (Ni-Cd battery or Pb-acid battery)
One (1)		Card reader	Ground floor interior, boarding ramps, jet bridges	UW – used electronics (printed circuit boards)
Three (3)		Rector seal paste flux	Ground floor interior, boarding ramps, jet bridges	CRW – waste chemical solid
Two (2)		Jet Bridge control stations	Ground floor interior, boarding ramps, jet bridges	UW – used electronics (printed circuit boards)
Two (2)		HVAC units	Ground floor interior, boarding ramps, jet bridges	CFCs/Freon
One (1)		Electronic board	Ground floor interior, boarding ramps, jet bridges	UW – used electronics (printed circuit boards)
Unknown		Guano	Boarding ramps/jet bridges	IH
Six (6)		Keypads	Exterior	UW – used electronics (printed circuit boards)
Four (4)		Mercury vapor bulbs	Exterior	UW – Hg lamps

CRW- Connecticut Regulated Waste – PCBs (CR01), Oils (CR02/CR03), waste chemical liquids - antifreeze, latex & solvent paints, sludges, etc. (CR04), waste chemical solids (CR05)
UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6B INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
Seven (7)		CFLs	Exterior	UW – Hg lamps
Four (4)		A/C units	Exterior	CFCs/Freon
Seven (7)		Motor vehicles	Exterior	I – gasoline CRW – oil
One (1)		Camera	Exterior	UW – used electronics (printed circuit boards)
Two (2)		Jet Bridge hydraulic system	Exterior	CRW – hydraulic oil
Four (4)		Tires	Exterior	CTDEEP Special Waste – tires
One (1)		Electronic panel	Exterior	UW – used electronics (printed circuit boards)
One (1)		Fire extinguisher	Exterior	CRW – waste chemical solid

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UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6C INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
IAB				
Thirteen (13)		Keypads	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards)
Five hundred seventy four (574)		Fluorescent lights – all shapes & sizes except CFL	Ground floor interior, escalators, elevators, Boiler Room	UW – Hg lamps
Two hundred ninety eight (298)		Ballasts	Ground floor interior, escalators, elevators, Boiler Room	CRW – PCB ballasts
Eighteen (18)		Electronic panels	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards)
Twenty seven (27)		CPU	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards)
Eleven (11)		Exit signs	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards) UW – Hg lamps
Twenty (20)		Dryer Rite material	Ground floor interior, escalators, elevators, Boiler Room	CRW – waste chemical solid
Thirty five (35)		Monitors	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards) UW – used electronics (CRT)
Five (5)		Televisions	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards) UW – used electronics (CRT)
Three (3)		Refrigerators	Ground floor interior, escalators, elevators, Boiler	CFCs/Freon

CRW- Connecticut Regulated Waste – PCBs (CR01), Oils (CR02/CR03), waste chemical liquids - antifreeze, latex & solvent paints, sludges, etc. (CR04), waste chemical solids (CR05)
UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
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TABLE 6C INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
			Room	
Four (4)		Microwave ovens	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards)
Eleven (11)		Printers/copier	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards) UW – Hg lamps CRW – PCB capacitors
Twenty five (25)		Keyboards	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards)
Eleven (11)		Fire alarms	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards) Low-level radioactive source
Seven (7)		Fire alarm pull box	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards) UW – Hg switch
Two (2)		Fax machines	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards)
Four (4)		Fingerprint readers	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards)
Twenty five (25)		Phones	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards)
Three (3)		Electronic thermostats	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards)
Six (6)		Battery chargers	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards)
Twenty		NiMH batteries	Ground floor interior,	UW – batteries

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UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6C INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
(20)			escalators, elevators, Boiler Room	
Two (2)		Water chillers	Ground floor interior, escalators, elevators, Boiler Room	CFCs/Freon
One (1)		Main frame computer	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards)
One (1)		Projector	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards)
Twenty one (21)		Smoke detectors	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards) Low-level radioactive source
Two (2)		Electronics	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards)
One (1)		Electronic safe	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards)
Six (6)		Radios	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards)
Sixteen (16)		CFLs	Ground floor interior, escalators, elevators, Boiler Room	UW – Hg lamps
Two (2)		Mercury thermostats	Ground floor interior, escalators, elevators, Boiler Room	UW – Hg ampoule
Two (2)		Safety lights	Ground floor interior, escalators, elevators, Boiler Room	UW – Hg lamps
Five (5)		A/C units	Ground floor interior, escalators, elevators, Boiler	CFCs/Freon

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UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6C INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
			Room	
One (1)	150#	Large chiller	Ground floor interior, escalators, elevators, Boiler Room	CFCs/Freon
Five (5)		Fire extinguishers	Ground floor interior, escalators, elevators, Boiler Room	CRW – waste chemical solid
One (1)		Boiler control panel	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards)
One (1)		Speedaire dryer unit	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards)
One (1)		CO detector	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards)
Unknown		Speedi Dri	Mech Room trench	CRW – waste chemical solid
One (1)		A/C control panel	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards)
Two (2)	18 oz	Disinfectant	Ground floor interior, escalators, elevators, Boiler Room	CRW – waste chemical liquid
Two (2)	8 oz	Disinfectant	Ground floor interior, escalators, elevators, Boiler Room	CRW – waste chemical liquid
One (1)	32 oz	Cleaner	Ground floor interior, escalators, elevators, Boiler Room	CRW – waste chemical liquid
Unknown		Duct smoke detector	Throughout IAB	UW – used electronics (printed circuit boards) Low-level radioactive source
One (1)	100	Elevator oil reservoir	Ground floor interior, escalators, elevators, Boiler	CRW – oil

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UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6C INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
	gal		Room	
Six (6)	1 gal	Heavy duty de-waxer	Ground floor interior, escalators, elevators, Boiler Room	CRW – waste chemical liquid
One (1)		Emergency light	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards) UW – Hg lamps UW – batteries (Ni-Cd or Pb-acid battery)
One (1)	1 gal	Windshield washer fluid	Ground floor interior, escalators, elevators, Boiler Room	CRW – waste chemical liquid
One (1)		Chemical rodent trap	Ground floor interior, escalators, elevators, Boiler Room	T
One (1)		Hand soap dispenser	Ground floor interior, escalators, elevators, Boiler Room	CRW – waste chemical liquid
One (1)		Ant trap	Ground floor interior, escalators, elevators, Boiler Room	T
One (1)		Halogen light	Ground floor interior, escalators, elevators, Boiler Room	UW – Hg lamps
One (1)	16 oz	Hand soap	Ground floor interior, escalators, elevators, Boiler Room	CRW – waste chemical liquid
Two (2)		Wheel rotation battery wall box	Ground floor interior, escalators, elevators, Boiler Room	CRW – batteries
One (1)		Speaker box	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards)
Two (2)	100 lb	Bags NaCl	Ground floor interior,	CRW – waste chemical solid

CRW- Connecticut Regulated Waste – PCBs (CR01), Oils (CR02/CR03), waste chemical liquids - antifreeze, latex & solvent paints, sludges, etc. (CR04), waste chemical solids (CR05)
UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6C INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
			escalators, elevators, Boiler Room	
One (1)	1 gal	Bleach	Ground floor interior, escalators, elevators, Boiler Room	CRW – waste chemical liquid
One (1)	8 oz	Aerosol lubrication	Ground floor interior, escalators, elevators, Boiler Room	I
Unknown		Grease on conveyer belt wheels	Ground floor interior, escalators, elevators, Boiler Room	CRW – waste chemical solid
Unknown		Water/grease	Floor recess under conveyer belt	CRW – waste chemical liquid
Four (4)		Circuit boards	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards)
One (1)		Alarm panel	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards)
Two (2)		Batteries	Ground floor interior, escalators, elevators, Boiler Room	UW – batteries
One (1)		Electronic meter	Ground floor interior, escalators, elevators, Boiler Room	UW – used electronics (printed circuit boards)
>Twenty (20)		CFLs	Boiler Room tunnel	UW – Hg lamps
Two (2)		Electric panels	Boiler Room tunnel	UW – used electronics (printed circuit boards)
Two (2)		Transformers	Boiler Room tunnel	CRW – oil
Five hundred five (505)		Fluorescent lights – all shapes & sizes except CFLs	1st floor interior, jet bridges, stairwells	UW – Hg lamps

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UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6C INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
Two hundred ninety six (296)		Ballasts	1st floor interior, jet bridges, stairwells	CRW – PCB ballasts
One (1)		Scale load cell	1st floor interior, jet bridges, stairwells	UW – used electronics (printed circuit boards)
Twelve (1)		Keypads	1st floor interior, jet bridges, stairwells	UW – used electronics (printed circuit boards)
One (1)		A/C unit	1st floor interior, jet bridges, stairwells	CFCs/Freon
One (1)		Electronic thermostat	1st floor interior, jet bridges, stairwells	UW – used electronics (printed circuit boards)
Eight (8)		Exit signs	1st floor interior, jet bridges, stairwells	UW – used electronics (printed circuit boards) UW – Hg lamps
Twenty eight (28)		Safety light	1st floor interior, jet bridges, stairwells	UW – Hg lamps
Two (2)		Smoke detectors	1st floor interior, jet bridges, stairwells	UW – used electronics (printed circuit boards) Low-level radioactive source
One (1)		Printer	1st floor interior, jet bridges, stairwells	UW – used electronics (printed circuit boards)
One (1)	16 oz	Rubbing alcohol	1st floor interior, jet bridges, stairwells	CRW – waste chemical liquid
Four (4)	1 gal	Floor tile adhesive	1st floor interior, jet bridges, stairwells	CRW – waste chemical solid
Thirty two (32)	1 gal	Wet Set adhesive	1st floor interior, jet bridges, stairwells	CRW – waste chemical solid
Four (4)	1 gal	Carpet glue	1st floor interior, jet bridges, stairwells	CRW – waste chemical solid
Four (4)	1 gal	Cove base adhesive	1st floor interior, jet bridges, stairwells	CRW – waste chemical solid
Five (5)	1 gal	Adhesive sealer	1st floor interior, jet bridges,	CRW – waste chemical solid

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UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6C INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
			stairwells	
Fifteen (15)		Fire alarm	1st floor interior, jet bridges, stairwells	UW – used electronics (printed circuit boards) UW – Hg switch
Twenty four (24)		Strobe lights	1st floor interior, jet bridges, stairwells	UW – Hg lamps
Two (2)		CPUs	1st floor interior, jet bridges, stairwells	UW – used electronics (printed circuit boards)
One (1)		Keyboard	1st floor interior, jet bridges, stairwells	UW – used electronics (printed circuit boards)
One (1)		Monitor	1st floor interior, jet bridges, stairwells	UW – used electronics (printed circuit boards) UW – used electronics (CRT)
One (1)		Scanner	1st floor interior, jet bridges, stairwells	UW – used electronics (printed circuit boards)
One (1)		Joystick	1st floor interior, jet bridges, stairwells	UW – used electronics (printed circuit boards)
One (1)	1 gal	Bleach	1st floor interior, jet bridges, stairwells	CRW – waste chemical liquid
One (1)	14 oz	Bug spray	1st floor interior, jet bridges, stairwells	I
Two (2)		Fire extinguishers	1st floor interior, jet bridges, stairwells	CRW – waste chemical solid
Three (3)		Electronic panels	1st floor interior, jet bridges, stairwells	UW – used electronics (printed circuit boards)
Two (2)		Cameras	1st floor interior, jet bridges, stairwells	UW – used electronics (printed circuit boards)
Two (2)		Water chillers	1st floor interior, jet bridges, stairwells	CFCs/Freon
Thirty (30)		Mercury vapor bulbs	1st floor interior, jet bridges, stairwells	UW – Hg lamps
Twenty		LED scale readouts	1st floor interior, jet bridges,	UW – used electronics (printed

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UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6C INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
(20)			stairwells	circuit boards)
Eight (8)		Battery smart chargers	1st floor interior, jet bridges, stairwells	UW – batteries
Four (4)		Tubes epoxy	1st floor interior, jet bridges, stairwells	CRW – waste chemical solid
One (1)		Transformer	1st floor interior, jet bridges, stairwells	CRW – oil
Three (3)		Fire pull boxes	1st floor interior, jet bridges, stairwells	UW – used electronics (printed circuit boards) UW – Hg switch
Six (6)		CFLs	1st floor	UW – Hg lamps
Nine (3)		Duct smoke detectors	1st floor	UW – used electronics (printed circuit boards) Low-level radioactive source
Three (3)		Trace climate changer HVAC	1st floor	CFCs/Freon
Sixty seven (67)		Mercury vapor bulbs	Exterior	UW – Hg lamps
Nine (9)		Keypads	Exterior	UW – used electronics (printed circuit boards)
One (1)		Pass reader	Exterior	UW – used electronics (printed circuit boards)
One (1)		Camera	Exterior	UW – used electronics (printed circuit boards)
Three (3)		Electronic panels	Exterior	UW – used electronics (printed circuit boards)
One (1)		Electronic thermostat	Exterior	UW – used electronics (printed circuit boards)
Two (2)		Fire extinguishers	Exterior	CRW – waste chemical solid
Six (6)		A/C units	Exterior	CFCs/Freon
Four (4)		Tires	Exterior	CTDEEP Special Waste – tires
Two (2)		Jet Bridge hydraulic	Exterior	CRW – hydraulic oil

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UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6C INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
		systems		
Twenty four (24)		CFLs	Exterior	UW – Hg lamps
One (1)		Strobe light	Exterior	UW – Hg lamps
One (1)		Nitrogen cylinder	Exterior	I
Three (3)		Motion sensors	Exterior	UW – used electronics (printed circuit boards)
Seven (7)		HVAC units	Roof 5	CFCs/Freon
One (1)		Large oil/water separator unit	Roof 5	CRW – oil/sludge
One (1)		Surveillance camera	Roof 5	UW – used electronics (printed circuit boards)
Three (3)		HVAC units	Roof & exterior of connector	CFCs/Freon
Eight (8)		Bulbs/ballasts	Roof & exterior of connector	UW – Hg lamps CRW – PCB ballasts

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UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6D INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
MURPHY TERMINAL				
Twenty five (25)		CFLs	Basement	UW – Hg lamp
Fifteen (15)		Smoke detectors	Basement	Low-level radioactive source UW – used electronics (printed circuit boards)
Nine (9)		Refrigeration units	Basement	CFCs/Freon
Two (2)	55 gal	Water drums	Basement	CFCs/Freon
One (1)		Water softening system	Basement	CRW – waste chemical solid
Four (4)		Fire extinguishers	Basement	CRW – waste chemical solid
One (1)		Telephone	Basement	UW – used electronics (printed circuit boards)
Two (2)		Alarm panels	Basement	UW – used electronics (printed circuit boards)
One hundred fifteen (115)		Fluorescent lights	Basement	UW – Hg lamps
Eight six (86)		Ballasts	Basement	CRW – PCB ballasts
Three (3)		Boiler thermostats	Basement	UW – Hg ampoule
One (1)		Vent smoke detector	Basement	Low-level radioactive source UW – used electronics (printed circuit boards)
Three (3)		Fire alarms	Basement	UW – used electronics (printed circuit boards) UW – Hg lamp (HID) Low-level radioactive source
Two (2)		Fire alarm pull boxes	Basement	UW – used electronics (printed circuit boards) UW – Hg switch

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UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
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T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6D INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
One (1)		Carbon monoxide detector	Basement	UW – used electronics (printed circuit boards) Low-level radioactive source
Forty three (43)	50 lb	Bags Bass salt water softener	Basement	CRW – waste chemical solid
Twenty eight (28)		Control panels	Basement	UW – used electronics (printed circuit boards)
Four (4)		Compressors	Basement	CRW – oil
One (1)	1 gal	Compressor oil	Basement	CRW – oil
Four (4)		Mercury bulbs	Basement	UW – Hg lamps
Four (4)		Fire extinguishers	Basement	CRW – waste chemical solid
One (1)		Mercury thermostat	Basement	UW – Hg ampoule
Two (2)		Radios	Basement	UW – used electronics (printed circuit boards)
One (1)	30 lb	CO_2 cylinder	Basement	I
One (1)	14 lb	CO_2 cylinder	Basement	I
One (1)		Exit sign	Basement	UW – used electronics (printed circuit boards) UW – Hg lamps
Six (6)		Monitors	Basement	UW – used electronics (printed circuit boards) UW – used electronics (CRT)
Six (6)		Keyboards	Basement	UW – used electronics (printed circuit boards)
Two (2)		Battery backups	Basement	UW – batteries
One (1)		Electronic thermostat	Basement	UW – used electronics (printed circuit boards)
One (1)		Telephone	Basement	UW – used electronics (printed circuit boards)
One (1)		A/C unit	Basement	CFCs/Freon
One (1)	16 oz	Pipe thread compound	Basement	CRW – waste chemical solid

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TABLE 6D INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
One (1)		Capped oil fuel line – possible to UST	Basement – Room 155	CRW – oil
One (1)		Dumbwaiter oil reservoir	Basement	CRW – oil
Two thousand eight hundred eight (2,808)		Fluorescent lights	Ground floor interior, escalators, elevators, stairwells	UW – Hg lamps
One thousand seven hundred seventy two (1,772)		Ballasts	Ground floor interior, escalators, elevators, stairwells	CRW – PCB ballasts
Two (2)		Electronic panels	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
Forty two (42)		Smoke detectors	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards) Low-level radioactive source
Four (4)		Mercury bulbs	Ground floor interior, escalators, elevators, stairwells	UW – Hg lamp
Thirty eight (38)		Fire alarms	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards) UW – Hg lamp (HID) Low-level radioactive source
Thirty (30)		Keypads	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
Four (4)		Strobe lights	Ground floor interior, escalators, elevators,	UW – Hg lamps

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TABLE 6D INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
			stairwells	
Ten (10)		Cameras	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
Six (6)		Electronic sign boards	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
Two (2)		Baggage carousel gear box	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
Thirteen (13)		Exit signs	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards) UW Hg lamps
Sixteen (16)		Fire alarm pull boxes	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards) UW – Hg switch
Four (4)		Electronic thermostats	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
Seventy (70)		Telephones	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
Twenty (20)		Electronic panels	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
Four (4)		Electrical panels	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
Six (6)		Rechargeable batteries	Ground floor interior, escalators, elevators, stairwells	UW – batteries
Seven (7)		Motion detectors	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)

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TABLE 6D INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
Two hundred nineteen (219)		Circuit boards	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
Two (2)		Hard drives	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
Eighty five (85)		Sirens	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
Eleven (11)		CRT monitors	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards) UW – used electronics (CRT)
Six (6)		CPUs	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
Four (4)		Printers	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
Two (2)	1 gal	Paint	Ground floor interior, escalators, elevators, stairwells	CRW – waste chemical liquid
One (1)		Battery	Ground floor interior, escalators, elevators, stairwells	UW – batteries
Two (2)		Control panels	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
Twenty five (25)		Lead batteries	Ground floor interior, escalators, elevators, stairwells	UW – batteries (Pb-acid batteries)
Eighty six (86)		Card readers	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)

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TABLE 6D INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
Thirteen (13)		Electronic timers	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
Unknown		Duct smoke detectors	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards) UW – used electronics (CRT)
Two (2)		Alarm horns	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
Fifteen (15)		Monitors	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards) UW – used electronics (CRT)
One (1)		Copier	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards) UW – Hg lamps
Two (2)		Power backup system	Ground floor interior, escalators, elevators, stairwells	UW – batteries
Eleven (11)		Keyboards	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
One (1)		Video camera	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
Two (2)		Infrared sensors	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
One (1)		Video board	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
Two (2)		Water chillers	Ground floor interior, escalators, elevators, stairwells	CFCs/Freon

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IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
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TABLE 6D INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
Three (3)		A/C units	Ground floor interior, escalators, elevators, stairwells	CFCs/Freon
One (1)		Fax modem	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
One (1)		Telephone switchbox	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
Seven (7)		Mercury thermostats	Ground floor interior, escalators, elevators, stairwells	UW – Hg ampoule
One (1)	100 lb	Bag sweeping compound	Ground floor interior, escalators, elevators, stairwells	CRW – waste chemical solid
Thirty three (33)		Mercury bulbs	Ground floor interior, escalators, elevators, stairwells	UW – Hg lamps
Nine (9)		Fire extinguishers	Ground floor interior, escalators, elevators, stairwells	CRW – waste chemical solid
Five (5)		Fiber Optic panels	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
One (1)	5 gal	12.5% Sodium hypochlorite	Ground floor interior, escalators, elevators, stairwells	C
One (1)	1 gal	Sodium hypochlorite	Ground floor interior, escalators, elevators, stairwells	C
Two (2)	1 gal	Glass cleaner	Ground floor interior, escalators, elevators, stairwells	CRW – waste chemical liquid
One (1)	38 oz	Glass cleaner	Ground floor interior,	CRW – waste chemical liquid

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UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6D INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
			escalators, elevators, stairwells	
One (1)	16 oz	Glass cleaner	Ground floor interior, escalators, elevators, stairwells	CRW – waste chemical liquid
Twenty two (22)		Halide bulbs	Ground floor interior, escalators, elevators, stairwells	UW – Hg lamps
Two (2)		Televisions	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards) UW – used electronics (CRT)
One (1)	250 lb	Bag of coal & slab blast media	Ground floor interior, escalators, elevators, stairwells	CRW – waste chemical solid
Fifty nine (59)		CFLs	Ground floor interior, escalators, elevators, stairwells	UW – Hg lamps
One (1)		Electrical cabinet	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
Two (2)		Battery backup units	Ground floor interior, escalators, elevators, stairwells	UW – batteries
Two (2)		Electronic switchboards	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
One (1)	100 lb	Nitrogen cylinder	Ground floor interior, escalators, elevators, stairwells	I
Unknown		Electrical component racks	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
One (1)	12 oz	Electronics cleaner spray	Ground floor interior, escalators, elevators,	CRW – waste chemical liquid

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IH- Inhalation hazard (silicas, etc.)
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C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

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Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
			stairwells	
One (1)	5 lb	Tube grease	Ground floor interior, escalators, elevators, stairwells	CRW – waste chemical solid
One (1)		QT wire pulling lube	Ground floor interior, escalators, elevators, stairwells	CRW – waste chemical solid
One (1)		CD player	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
Four (4)		Safety lights	Ground floor interior, escalators, elevators, stairwells	UW – Hg lamps
One (1)	8 oz	Body splash	Ground floor interior, escalators, elevators, stairwells	CRW – waste chemical liquid
One (1)	25 gal	Floor cleaner/stripper	Ground floor interior, escalators, elevators, stairwells	CRW – waste chemical liquid
One (1)	3 gal	Carpet shampoo	Ground floor interior, escalators, elevators, stairwells	CRW – waste chemical liquid
One (1)		Microwave	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards) CRW – PCB capacitor
One (1)	18 oz	Lysol	Ground floor interior, escalators, elevators, stairwells	CRW – waste chemical liquid
One (1)		Clock	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
One (1)		VCR	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)

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TABLE 6D INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
One (1)		Calculator	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards) UW – batteries
One (1)		Refrigerator	Ground floor interior, escalators, elevators, stairwells	CFCs/Freon
Five (5)	1 gal	Bird repellant	Ground floor interior, escalators, elevators, stairwells	T
One (1)		Stereo	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
One (1)		Oil-filled heater	Ground floor interior, escalators, elevators, stairwells	CRW – oil
One (1)	50 lb	Calcium chloride	Ground floor interior, escalators, elevators, stairwells	CRW – waste chemical solid
One (1)	50 gal	AST	Ground floor interior, escalators, elevators, stairwells	CRW – oil
One (1)	150 gal	AST	Ground floor interior, escalators, elevators, stairwells	CRW – oil
One (1)	500 gal	AST	Ground floor interior, escalators, elevators, stairwells	CRW – oil
Two (2)		Diesel generators	Ground floor interior, escalators, elevators, stairwells	I
Three (3)		Battery chargers	Ground floor interior, escalators, elevators, stairwells	UW – batteries
One (1)		Snowblower	Ground floor interior,	CRW – oil

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TABLE 6D INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
			escalators, elevators, stairwells	I
One (1)	50 gal	Motor oil	Ground floor interior, escalators, elevators, stairwells	CRW – oil
Eight (8)		Amplifiers	Ground floor interior, escalators, elevators, stairwells	UW – used electronics (printed circuit boards)
One (1)	14 oz	Aerosol brake & parts cleaner	Ground floor interior, escalators, elevators, stairwells	I
One (1)	14 oz	Carb & choke cleaner	Ground floor interior, escalators, elevators, stairwells	CRW – waste chemical liquid
One (1)	5 gal	Salt	Ground floor interior, escalators, elevators, stairwells	CRW – waste chemical solid
One (1)		Wheelchair elevator	Ground floor interior, escalators, elevators, stairwells	CRW – hydraulic oil
One (1)		Elevator	Ground floor interior, escalators, elevators, stairwells	CRW – hydraulic oil
One (1)	14 oz	Pledge	Ground floor interior, escalators, elevators, stairwells	CRW – waste chemical liquid
Eleven (11)		Mace canisters	Ground floor interior, escalators, elevators, stairwells	I
Two (2)		CO_2 canisters	Ground floor interior, escalators, elevators, stairwells	I
One (1)	25 mL	Butane canister	Ground floor interior, escalators, elevators,	I

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Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
			stairwells	
One (1)		Emergency flare	Ground floor interior, escalators, elevators, stairwells	I
Two (2)	50 lb	Ice melt	Ground floor interior, escalators, elevators, stairwells	CRW – waste chemical solid
One (1)	16 oz	Disinfectant spray	Ground floor interior, escalators, elevators, stairwells	CRW – waste chemical liquid
Twenty (20)		Exit signs	1st floor	UW – used electronics (printed circuit boards) UW – Hg lamps
One thousand four hundred three (1,403)		Fluorescent lights	1st floor	UW – Hg lamps
Eight hundred sixty five (865)		Ballasts	1st floor	CRW – PCB ballasts
Twelve (12)		Emergency lights	1st floor	UW – used electronics (printed circuit boards) UW – Hg lamps UW – batteries (Ni-Cd battery or Pb-acid battery)
Four (4)		Televisions	1st floor	UW – used electronics (printed circuit boards) UW – used electronics (CRT)
Seventeen (17)		Fire alarms	1st floor	UW – used electronics (printed circuit boards)

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TABLE 6D INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
				UW – Hg lamps (HID) Low-level radioactive source
Twelve (12)		Fire alarm pull boxes	1st floor	UW – used electronics (printed circuit boards) UW – Hg switch
Nine (9)		Security lights	1st floor	UW – Hg lamps
One (1)		Printer	1st floor	UW – used electronics (printed circuit boards)
One (1)		Hard drive	1st floor	UW – used electronics (printed circuit boards)
Eleven (11)		Refrigeration units	1st floor	CFCs/Freon
One (1)		Telephone	1st floor	UW – used electronics (printed circuit boards)
Two (2)		Wi-fi modems	1st floor	UW – used electronics (printed circuit boards)
Seven (7)		Keypads	1st floor	UW – used electronics (printed circuit boards)
Forty seven (47)		Smoke detectors	1st floor	UW – used electronics (printed circuit boards) Low-level radioactive source
Twelve (12)		Motion sensors	1st floor	UW – used electronics (printed circuit boards)
Forty nine (49)		CFLs	1st floor	UW – Hg lamps
Thirteen (13)		Mercury thermostats	1st floor	UW – Hg ampoule
Two (2)		Water chillers	1st floor	CFCs/Freon
Four (4)		LED scale displays	1st floor	UW – used electronics (printed circuit boards)
Three (3)		Scale load cells	1st floor	UW – used electronics (printed circuit boards)

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TABLE 6D INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
Five (5)		Fire extinguishers	1st floor	CRW – waste chemical solid
Seven (7)		Electronic thermostats	1st floor	UW – used electronics (printed circuit boards)
Unknown		Duct smoke detectors	1st floor	UW – used electronics (printed circuit boards) Low-level radioactive source
Thirty one (31)		Circuit boards	1st floor	UW – used electronics (printed circuit boards)
One (1)		Electronic scale	1st floor	UW – used electronics (printed circuit boards)
One (1)	1 qt	Corrosive protective coating	1st floor	CRW – waste chemical liquid
One (1)		Laser scanner	1st floor	UW – used electronics (printed circuit boards)
Five (5)		Keyboards	1st floor	UW – used electronics (printed circuit boards)
Two (2)		A/C units	1st floor	CFCs/Freon
Forty five (45)		Track lights	1st floor	UW – Hg lamps
One (1)	13 oz	Glade	1st floor	CRW – waste chemical liquid
Two (2)	1 gal	Window cleaner	1st floor	CRW – waste chemical liquid
One (1)	0.5 L	Window cleaner	1st floor	CRW – waste chemical liquid
One (1)	32 oz	Stainless steel cleaner	1st floor	CRW – waste chemical liquid
One (1)	1 gal	Paint	1st floor	CRW – waste chemical liquid
Four (4)		Monitors	1st floor	UW – used electronics (printed circuit boards) UW – used electronics (CRT)
Twenty (20)		Halide bulbs	1st floor	UW – Hg lamps
Four (4)		Strobe lights	1st floor	UW – Hg lamps
One (1)		Copy machine	1st floor	UW – used electronics (printed circuit boards)

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Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
				UW – Hg lamp
Two (2)		Photo cells	1st floor	UW – used electronics (printed circuit boards)
One (1)		Simplex panel	1st floor	UW – used electronics (printed circuit boards)
One (1)		VCR	1st floor	UW – used electronics (printed circuit boards)
One (1)		Microwave	1st floor	UW – used electronics (printed circuit boards) CRW – PCB capacitor
Three (3)		Modems	1st floor	UW – used electronics (printed circuit boards)
One (1)		Scale with readout	1st floor	UW – used electronics (printed circuit boards)
One (1)		Electrical cabinet	1st floor	CRW – waste chemical liquid
One (1)	0.3 gal	Cleaner	1st floor	CRW – waste chemical liquid
One (1)	0.5 gal	Cleaner	1st floor	CRW – waste chemical liquid
One (1)	31 oz	Cleaner	1st floor	CRW – waste chemical liquid
Two (2)	1.5 L	Cleaner	1st floor	CRW – waste chemical liquid
One (1)	1 qt	Bathroom cleaner	1st floor	CRW – waste chemical liquid
One (1)		Camera	1st floor	UW – used electronics (printed circuit boards)
One (1)		LCD video screen	1st floor	UW – used electronics (printed circuit boards)
Three (3)		A/C unit electronic thermostats	1st floor	UW – used electronics (printed circuit boards)
One (1)		Alarm system	1st floor	UW – used electronics (printed circuit boards)
Twelve (12)		Mercury bulbs	1st floor	UW – Hg lamps
One (1)	5 gal	Sprite syrup	1st floor	CRW – waste chemical liquid

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Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
One (1)		Amplifier	1st floor	UW – used electronics (printed circuit boards)
One (1)	15 oz	Sanitizer	1st floor	CRW – waste chemical liquid
One (1)		Grease tank in floor	1st floor – Wicked Subs	CRW – waste chemical liquid
Seventeen (17)		Exit signs	2nd floor	UW – used electronics (printed circuit boards) UW – Hg lamps
Thirteen (13)		Mercury thermostats	2nd floor	UW – Hg ampoule
Twelve (12)		Electronic thermostats	2nd floor	UW – used electronics (printed circuit boards)
Seven hundred fifteen (715)		Fluorescent lights	2nd floor	UW – Hg lamps
Three hundred sixty six (366)		Ballasts	2nd floor	CRW – PCB ballasts
Fifty five (55)		Smoke detectors	2nd floor	UW – used electronics (printed circuit boards) Low-level radioactive source
Nine (9)		Refrigeration units	2nd floor	CFCs/Freon
Thirteen (13)		Fire alarms	2nd floor	UW – used electronics (printed circuit boards) UW – Hg lamp (HID) Low-level radioactive source
Two (2)		Fire alarm pull box	2nd floor	UW – used electronics (printed circuit boards) UW – Hg switch
Eighteen (18)		CFLs	2nd floor	UW – Hg lamps

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Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
One (1)	1 qt	Liquid hand soap	2nd floor	CRW – waste chemical liquid
One (1)		Water chiller	2nd floor	CFCs/Freon
Six (6)		Cameras	2nd floor	UW – used electronics (printed circuit boards)
Seventy six (76)		Telephones	2nd floor	UW – used electronics (printed circuit boards)
Nine (9)		Televisions	2nd floor	UW – used electronics (printed circuit boards) UW – used electronics (CRT)
Twenty one (21)		A/C units	2nd floor	CFCs/Freon
One (1)	18 oz	Satin Glo	2nd floor	CRW – waste chemical liquid
Four (4)	15 oz	Disinfectant	2nd floor	CRW – waste chemical liquid
One (1)	13 oz	Disinfectant	2nd floor	CRW – waste chemical liquid
Three (3)	1 qt	Disinfectant	2nd floor	CRW – waste chemical liquid
Three (3)	1 gal	Bleach	2nd floor	CRW – waste chemical liquid
One (1)		Remote control	2nd floor	UW – used electronics (printed circuit boards)
One (1)	7.5 V	Motorola nickel battery	2nd floor	UW – batteries (Ni-Cd battery)
Three (3)		Telephone switch panels	2nd floor	UW – used electronics (printed circuit boards)
One (1)		Battery backup system	2nd floor	UW – used electronics (printed circuit boards)
Three (3)		Amplifiers	2nd floor	UW – used electronics (printed circuit boards)
Seven (7)		Modems	2nd floor	UW – used electronics (printed circuit boards)
One (1)		Satellite receiver	2nd floor	UW – used electronics (printed circuit boards)
Eleven (11)		Printers	2nd floor	UW – used electronics (printed circuit boards)

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Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
Three (3)		Boombox	2nd floor	UW – used electronics (printed circuit boards)
One (1)		Fingerprint scanner	2nd floor	UW – used electronics (printed circuit boards)
Three (3)		Track lights	2nd floor	UW – Hg lamps
Sixteen (16)		Fire extinguishers	2nd floor	CRW – waste chemical solid
One (1)	2 lb	Ethanol/nitrogen canister	2nd floor	Compressed gas cylinder
Two (2)		Breathalyzers	2nd floor	UW – used electronics (printed circuit boards)
Twenty five (25)		CPUs	2nd floor	UW – used electronics (printed circuit boards)
Fifty one (51)		Monitors	2nd floor	UW – used electronics (printed circuit boards) UW – used electronics (CRT)
Twenty five (25)		Keyboards	2nd floor	UW – used electronics (printed circuit boards)
Three (3)		DirecTV boxes	2nd floor	UW – used electronics (printed circuit boards)
Four (4)		Copy machines	2nd floor	UW – used electronics (printed circuit boards) UW – Hg lamps
Three (3)		Fax machines	2nd floor	UW – used electronics (printed circuit boards)
One (1)		Oxygen tank	2nd floor	I
One (1)		Electronic blood pressure cuff	2nd floor	UW – used electronics (printed circuit boards)
Three (3)		VCRs	2nd floor	UW – used electronics (printed circuit boards)
Two (2)		CD players	2nd floor	UW – used electronics (printed circuit boards)
Eleven		Battery backups	2nd floor	UW – batteries

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UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6D INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
(11)				
Two (2)		Microwaves	2nd floor	UW – used electronics (printed circuit boards) CRW – PCB capacitor
One (1)	1 gal	Germicide	2nd floor	T
Twenty two (22)		Electronic panels	2nd floor	UW – used electronics (printed circuit boards)
Two hundred fifty one (251)		Circuit boards	2nd floor	UW – used electronics (printed circuit boards)
One (1)		Main frame computer	2nd floor	UW – used electronics (printed circuit boards)
Twenty (20)		Electronic components	2nd floor	UW – used electronics (printed circuit boards)
Eight (8)		Two-way radios	2nd floor	UW – used electronics (printed circuit boards)
Five (5)		Motion detectors	2nd floor	UW – used electronics (printed circuit boards)
One (1)		Keypad	2nd floor	UW – used electronics (printed circuit boards)
One (1)		Satellite box	2nd floor	UW – used electronics (printed circuit boards)
Two (2)		Security lights	2nd floor	UW – Hg lamps
Thirty one (31)	1 gal	Paint	2nd floor	CRW – waste chemical liquid
Four (4)		Scanners	2nd floor	UW – used electronics (printed circuit boards)
Two (2)		Wireless routers	2nd floor	UW – used electronics (printed circuit boards)
One (1)	38 oz	Furniture polish	2nd floor	CRW – waste chemical liquid
One (1)	9 oz	Lubricant	2nd floor	CRW – waste chemical liquid

CRW- Connecticut Regulated Waste – PCBs (CR01), Oils (CR02/CR03), waste chemical liquids - antifreeze, latex & solvent paints, sludges, etc. (CR04), waste chemical solids (CR05)
UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6D INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
One (1)	16 oz	Spray cleaner	2nd floor	CRW – waste chemical liquid
One (1)	12,000 mL	Hand sanitizer	2nd floor	CRW – waste chemical liquid
One (1)	12 oz	Shredder lube	2nd floor	CRW – waste chemical liquid
Three (3)		Word processers	2nd floor	UW – used electronics (printed circuit boards)
Three (3)	20 oz	Cleaner	2nd floor	CRW – waste chemical liquid
Five (5)	1 gal	Cleaner	2nd floor	CRW – waste chemical liquid
One (1)	30 lb	Cylinder chlorofluoromethane	2nd floor	Compressed gas cylinder
One (1)		Laser scanner	2nd floor	UW – used electronics (printed circuit boards)
Three (3)		Alarm keypads	2nd floor	UW – used electronics (printed circuit boards)
One (1)		Cash register	2nd floor	UW – used electronics (printed circuit boards)
Seventy one (71)		Lead acid batteries	2nd floor	UW – batteries (Pb-acid batteries)
Eight (80)		Ni-CD batteries	2nd floor	UW – batteries (Ni-CD batteries)
One (1)		DVD player	2nd floor	UW – used electronics (printed circuit boards)
Five (5)		Radios	2nd floor	UW – used electronics (printed circuit boards)
Six (6)		Emergency lights	2nd floor	UW – used electronics (printed circuit boards) UW – Hg lamps UW – batteries (Ni-Cd battery or Pb-acid battery)
One (1)	16 oz	Stainless steel polish	2nd floor	CRW – waste chemical liquid
One (1)	1 lb	Drain cleaner	2nd floor	CRW – waste chemical liquid
One (1)		Fire alarm panel	2nd floor	UW – used electronics (printed

CRW- Connecticut Regulated Waste – PCBs (CR01), Oils (CR02/CR03), waste chemical liquids - antifreeze, latex & solvent paints, sludges, etc. (CR04), waste chemical solids (CR05)
UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6D INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
				circuit boards)
One (1)		Computer mouse	2nd floor	UW – used electronics (printed circuit boards)
One (1)		Camcorder	2nd floor	UW – used electronics (printed circuit boards)
One (1)		Coffeemaker	2nd floor	UW – used electronics (printed circuit boards)
Three hundred ten (310)		Fluorescent lights	3rd floor	UW – Hg lamps
One hundred seventy four (174)		Ballasts	3rd floor	CRW – PCB ballasts
Two (2)		CFLs	3rd floor	UW – Hg lamps
Twenty four (24)		Smoke detectors	3rd floor	UW – used electronics (printed circuit boards) Low-level radioactive source
Twelve (12)		A/C units	3rd floor	CFCs/Freon
Eight (8)		Security lights	3rd floor	UW – Hg lamps
Three (3)		Exit signs	3rd floor	UW – used electronics (printed circuit boards) UW – Hg lamps
Eight (8)		Security boards	3rd floor	UW – used electronics (printed circuit boards)
Five (5)		Emergency lights	3rd floor	UW – used electronics (printed circuit boards) UW – batteries (Ni-Cd battery or Pb-acid battery) UW – Hg lamps
Five (5)		Fire alarms	3rd floor	UW – used electronics (printed

CRW- Connecticut Regulated Waste – PCBs (CR01), Oils (CR02/CR03), waste chemical liquids - antifreeze, latex & solvent paints, sludges, etc. (CR04), waste chemical solids (CR05)
UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6D INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
				circuit boards) UW – Hg switch
Unknown		Duct smoke detectors	3rd floor	UW – used electronics (printed circuit boards) Low-level radioactive source
Two (2)		Mercury thermostats	3rd floor	UW – Hg ampoule
One (1)		Electronic thermostat	3rd floor	UW – used electronics (printed circuit boards)
Three (3)		CPU	3rd floor	UW – used electronics (printed circuit boards)
Three (3)		Keyboards	3rd floor	UW – used electronics (printed circuit boards)
Three (3)		Monitors	3rd floor	UW – used electronics (printed circuit boards) UW – used electronics (CRT)
One (1)		DVD player	3rd floor	UW – used electronics (printed circuit boards)
One (1)		Fax machine	3rd floor	UW – used electronics (printed circuit boards)
One (1)		CD player	3rd floor	UW – used electronics (printed circuit boards)
Four (4)		Telephones	3rd floor	UW – used electronics (printed circuit boards)
One (1)		Modem	3rd floor	UW – used electronics (printed circuit boards)
One (1)		Radio	3rd floor	UW – used electronics (printed circuit boards)
One (1)		Answering machine	3rd floor	UW – used electronics (printed circuit boards)
One (1)		Microwave	3rd floor	UW – used electronics (printed circuit boards) CRW – PCB capacitor

CRW- Connecticut Regulated Waste – PCBs (CR01), Oils (CR02/CR03), waste chemical liquids - antifreeze, latex & solvent paints, sludges, etc. (CR04), waste chemical solids (CR05)
UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6D INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
Two (2)		Televisions	3rd floor	UW – used electronics (printed circuit boards) UW – used electronics (CRT)
Three (3)		Fire alarm pull boxes	3rd floor	UW – used electronics (printed circuit boards) UW – Hg switch
One (1)		Control panel	3rd floor	UW – used electronics (printed circuit boards)
One (1)		Ni-Cd battery	3rd floor	UW – batteries (Ni-Cd batteries)
Eight (8)		Circuit boards	3rd floor	UW – used electronics (printed circuit boards)
Eight (8)		CFLs	4th floor	UW – Hg lamps
Thirty eight (38)		Fluorescent lights	4th floor	UW – Hg lamps
Twenty (20)		Ballasts	4th floor	CRW – PCB ballasts
Unknown		Duct smoke detectors	4th floor	UW – used electronics (printed circuit boards) Low-level radioactive source
Three (3)		Fire alarms	4th floor	UW – used electronics (printed circuit boards) UW – Hg switch
Three (3)	1 gal	Lubricant	4th floor	CRW – waste chemical liquid
One (1)	1 gal	Unknown liquid	4th floor	Unknown
One (1)	1 gal	Petroleum solvent	4th floor	CRW – waste chemical liquid
One (1)	1 qt	Compressor oil	4th floor	CRW – oil
One (1)		Television	4th floor	UW – used electronics (printed circuit boards) UW – used electronics (CRT)
Eight (8)		Smoke detectors	4th floor	UW – used electronics (printed

CRW- Connecticut Regulated Waste – PCBs (CR01), Oils (CR02/CR03), waste chemical liquids - antifreeze, latex & solvent paints, sludges, etc. (CR04), waste chemical solids (CR05)
UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6D INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
				circuit boards) Low-level radioactive source
Four (4)		Fire extinguishers	4th floor	CRW – waste chemical solid
One (1)	1 gal	Degreaser	4th floor	CRW – waste chemical liquid
Two (2)		Fire alarm pull boxes	4th floor	UW – used electronics (printed circuit boards) UW – Hg switch
One (1)		Electrical panel	4th floor	UW – used electronics (printed circuit boards)
One (1)	100 lb	Cylinder refrigerant	4th floor	CFCs/Freon
Two (2)		A/C units	4th floor	CFCs/Freon
Two (2)		Security lights	Penthouse	UW – Hg lamps
One (1)		Mercury halide bulb	Penthouse	UW – Hg lamps
Two (2)		Smoke detectors	Penthouse	UW – used electronics (printed circuit boards) Low-level radioactive source
One (1)		Modem	Penthouse	UW – used electronics (printed circuit boards)
Five (5)		Duct smoke detectors	Penthouse	UW – used electronics (printed circuit boards) Low-level radioactive source
One (1)		CPU	Penthouse	UW – used electronics (printed circuit boards)
Two (2)		Monitors	Penthouse	UW – used electronics (printed circuit boards) UW – used electronics (CRT)
One (1)		Keyboard	Penthouse	UW – used electronics (printed circuit boards)
Two (2)		A/C units	Penthouse	CFCs/Freon

CRW- Connecticut Regulated Waste – PCBs (CR01), Oils (CR02/CR03), waste chemical liquids - antifreeze, latex & solvent paints, sludges, etc. (CR04), waste chemical solids (CR05)
UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6D INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
Two (2)		Battery backups	Penthouse	UW – batteries
One (1)		Electronic panel	Penthouse	UW – used electronics (printed circuit boards)
One (1)	100 lb	Nitrogen cylinder	Penthouse	Compressed gas cylinder
Two (2)		CFLs	Penthouse	UW – Hg lamps
Two (2)		Mercury thermostats	Penthouse	UW – Hg ampoule
One (1)		Fire extinguisher	Penthouse	CRW – waste chemical solid
One (1)		Telephone	Control tower	UW – used electronics (printed circuit boards)
Eight (8)		Fluorescent lights	Control tower	UW – Hg lamps
Four (4)		Ballasts	Control tower	CRW – PCB ballasts
One (1)		Fire alarm	Control tower	UW – used electronics (printed circuit boards) UW – Hg lamp (HID) Low-level radioactive source
One (1)		Fire alarm pull box	Control tower	UW – used electronics (printed circuit boards) UW – Hg switch
One (1)		Warning sign	Control tower	UW – Hg lamp
One (1)		Doppler radar unit	Control tower	UW – used electronics (printed circuit boards) UW – used electronics (CRT)
One (1)		Security light	Control tower	UW – Hg lamp
One (1)		CFL	Control tower	UW – Hg lamp
Eleven (11)		CFLs	Roofs & exterior	UW – Hg lamp
Thirty (30)		HVAC/AC units	Roofs & exterior	CFCs/Freon
One (1)	30 lb	Cylinder freon	Roofs & exterior	CFCs/Freon
One (1)	10 oz	Silicone	Roofs & exterior	CRW – waste chemical liquid

CRW- Connecticut Regulated Waste – PCBs (CR01), Oils (CR02/CR03), waste chemical liquids - antifreeze, latex & solvent paints, sludges, etc. (CR04), waste chemical solids (CR05)
UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 6D INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
Unknown		Pigeon guano	Roofs	IH
One hundred thirty seven (137)		Mercury vapor bulbs	Roofs & exterior	UW – Hg lamps
Three (3)		Motion sensors	Roofs & exterior	UW – used electronics (printed circuit boards)
Two (2)		Keypads	Roofs & exterior	UW – used electronics (printed circuit boards)
One (1)		Switchgear	Roofs & exterior	UW – used electronics (printed circuit boards)
Sixteen (16)		Halogen lights	Roofs & exterior	UW – Hg lamps
Six (6)		Traffic lights	Roofs & exterior	UW – Hg lamps
		Lead parapet weather stripping	3rd & 4th floor roofs	RCRA Hazardous Lead
One (1)		Battery box	Roofs & exterior	UW – batteries
One (1)		RFS radar unit	Roofs & exterior	UW – used electronics (printed circuit boards) UW – used electronics (CRT)
One (1)		Surveillance camera	Roofs & exterior	UW – used electronics (printed circuit boards)

CRW- Connecticut Regulated Waste – PCBs (CR01), Oils (CR02/CR03), waste chemical liquids - antifreeze, latex & solvent paints, sludges, etc. (CR04), waste chemical solids (CR05)
UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

TABLE 7A BULK SAMPLE SUMMARY OF SUSPECT PCB CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT - TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT				
Sample No.	**Homogenous Material Type**	**Sample Location**	**Total PCB (ppm)**	**EPA/CTDEEP Regulated**
Concourse A				
1A	C3 - Grey Flexible Caulk	1st floor-Gate B3	BRL<1.00	No
1B		1st floor – BSX Gate B1	BRL<.840	
1C		1st floor – AAL Gate B5	BRL<.357	
2A	C1 - Grey Flexible Sticky Caulk	1st floor - BSX Gate B1	BRL<.196	No
2B		1st floor - Gate B3	BRL<.163	
2C		1st floor - Gate B3	BRL<.186	
3A	C4 - Tan Caulk Around Sink Counter Top♦	1st floor – women's 2	BRL<.194	No
3B		1st floor – women's 2	BRL<.197	
3C		1st floor – men's 2	BRL<.173	
4A	WG1 - Interior Grey Pliable Glaze on 4x4 Windows	1st floor – security lobby (hall)	BRL<.385	Yes - CTDEEP
4B		Exterior – west side	**1.88**	
4C		Exterior – east side	BRL<.183	
5A	WG2- Gray Pliable Glaze on Interior Windows♦ (1 window)	Ground floor – room 97	BRL<.188	No
5B			BRL<.192	
6A	CC1- Grey Pliable Caulk on Columns♦ *(Previously classified as C6)*	Ground floor – room 94	**2,428**	Yes - EPA
6B		Ground floor –hall outside room 102	**17,960**	
3		Room 111A	**3,090**	
4		Room G10	**974**	
7A	DWG1- Black Putty Window Glaze on 1x1 door Window♦ (3 doors)	Ground floor – middle stairwell	**BRL<1.99***	No
7B		1st floor – middle stairwell	**BRL<1.01***	
1-DWG1 (9/23/13)		Ground floor – middle stairwell	BRL<.122	
2-DWG1 (9/23/13)		Ground floor – middle stairwell	BRL<.135	
8A	C5- Black Pliable Caulk on ceramic Wall Tile♦	Ground floor – janitor's closet	**3.64**	Yes - CTDEEP
8B			**3.52**	

BRL< = Below Reportable Detection Limit
PCB ≥ 50 ppm = EPA PCB Bulk Product Waste
PCB >1 ppm but <50 ppm = CTDEEP regulated

♦Asbestos containing material (>1%)
*Additional samples were collected due to elevated detection limits that were >1 PPM

TABLE 7A BULK SAMPLE SUMMARY OF SUSPECT PCB CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT - TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT				
Sample No.	**Homogenous Material Type**	**Sample Location**	**Total PCB (ppm)**	**EPA/CTDEEP Regulated**
9A	DWG2- White Semi-Putty on 2x3 Door Window	Ground floor-boarding ramp B5	BRL<.198	No
9B		Ground floor-boarding ramp B5	BRL<.186	
9C		Ground floor-boarding ramp B10	.291	
10A	SC1-silver silicone caulk	1st floor - bridge area	.391	No
10B		1st floor - bridge area	.329	
10C		1st floor - bridge area	.457	
11A	SC2-tan silicone caulk	1st floor - bridge area	.384	No
11B	SC2-tan silicone caulk	1st floor - bridge area	.334	No
11C		1st floor - bridge area	.504	
12A	DWG3- black putty glaze on 2' x 3' door window♦ (2 doors)	Ground floor – room 113	**BRL<1.97***	No
12B		Ground floor – room 113	**BRL<1.92***	
3-DWG3 (9/23/13)		Ground floor – room 113	**BRL**<.108	
13A	WCa– beige pliable caulk♦	Ground floor - bridge area	**84.5**	Yes - EPA
13B		Ground floor - bridge area	**102**	
13C		Ground floor - bridge area	**133**	
6C	WCa♦ *(samples from areas where caulk was previously classified as C6)*	Ground floor –room 115A	**46.35**	
1		Ground floor –hall entrance next to room 111A	**6.23**	
2		Ground floor – room G10	**291**	
14A	C7 - white flexible caulk	Exterior – NE overhang	BRL<.392	No
14B		Exterior – NE overhang	BRL<.388	
14C		Exterior – NW overhang	BRL<.898	
15A	C8 - Dark gray crumbly soft daub under 4" metal windowsill♦	Exterior – SE	**1.22**	Yes - CTDEEP
15B		Exterior – SE	**.899**	
15C		Exterior – East central	**1.23**	

BRL< = Below Reportable Detection Limit
PCB ≥ 50 ppm = EPA PCB Bulk Product Waste
PCB >1 ppm but <50 ppm = CTDEEP regulated

♦Asbestos containing material (>1%)
*Additional samples were collected due to elevated detection limits that were >1 PPM

TABLE 7A BULK SAMPLE SUMMARY OF SUSPECT PCB CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT - TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT				
Sample No.	**Homogenous Material Type**	**Sample Location**	**Total PCB (ppm)**	**EPA/CTDEEP Regulated**
16A	C9 - Light grey, hard flexible caulk	Exterior – NE	**8.60**	Yes - CTDEEP
16B		Exterior – NE	.685	
16C		Exterior - East	.760	
17A	C10 - Silver brittle crumbly caulk♦ *(inseparable from C9)*	Exterior – east side south	**1.81**	Yes - CTDEEP
17B		Exterior - east side north	.447	
17C		Exterior – west side north	.511	
18A	C11 - White brittle caulk ♦ *(inseparable from silicone caulk)*(14 LF)	Exterior – east side south	.241	No
19A	C12 - grey hard layered brittle caulk♦	Exterior – east side south	**57.0**	Yes - EPA
19B	C12 - grey hard layered brittle caulk♦	Exterior – bridge area east	**20.1**	
19C			**39.6**	
20A	C13 - light grey sticky caulk (powdery surface)	Exterior – east side north	BRL<.394	No
20B	C13 - light grey sticky caulk (powdery surface)	Exterior – NW side	.406	No
20C		Exterior - SW	BRL<.944	
21A	DWG4 – grey putty door window glaze (2 doors)	Exterior – west side north	BRL<.183	No
23A	C14 - light grey flexible stretchy caulk on vents (20 LF)	Upper roof - vent	BRL<.671	No
24A	C15 - black flexible caulk on parapet seams (28 LF)	Upper roof – parapet wall	BRL<.394	No
24B			BRL<.171	
25A	C16 - grey flexible somewhat crumbly caulk *(inseparable from clear silicone caulk)* (55 LF)	Lower roof – flashing edge/wall	BRL<.166	No
25B			BRL<.146	
4-DWG5 (9/26/13)	DWG5 – hard grey door window glaze (4 doors)	Ramp B6	BRL<.155	No

BRL< = Below Reportable Detection Limit
PCB ≥ 50 ppm = EPA PCB Bulk Product Waste
PCB >1 ppm but <50 ppm = CTDEEP regulated

♦Asbestos containing material (>1%)
*Additional samples were collected due to elevated detection limits that were >1 PPM

TABLE 7B BULK SAMPLE SUMMARY OF SUSPECT PCB CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT - TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT				
Sample No.	**Homogenous Material Type**	**Sample Location**	**Total PCB (ppm)**	**EPA/CTDEEP Regulated**
Concourse B				
1A	C1 - beige pliable interior door caulk♦	Room 147	**155.1**	Yes - EPA
1B			**174.3**	
2A	C2 - interior tan putty-like window caulk♦	Exterior – west bridge area - joint	**5.52**	Yes – CTDEEP
2B		Exterior – west bridge area - vent	**5.87**	
2C		Exterior – east – above lentil	**16.0**	
3A	C3 - white flexible caulk	B20 boarding ramp	**3.73**	Yes – CTDEEP
3B		Room 130	**1.67**	
3C		Room 124B	**25.6**	
4A	C4 - grey hard surface semi-flexible caulk♦ *(some C5 mixed in samples)*	Exterior – SW	**160**	Yes - EPA
4B			**272**	
4C			**290**	
5A	C5 - brittle silver caulk (white flakes visible)♦	Exterior – SW @ door	**4.07**	Yes – CTDEEP
5B			**5.07**	
5C			**3.55**	
6A	C6 - Dark gray crumbly soft (daub) caulk under 4" metal window sill♦	Exterior - SW	**5.13**	Yes – CTDEEP
6B			**1.21**	
6C		Exterior - East	**1.17**	
7A	C7 - light gray flexible w/lighter powdery surface (on exterior surfacing material) *(homogeneous to Concourse A C7)*	Exterior - SW	BRL<.514	No
8A	C8 - Dark gray hard (slight flex) caulk (around old marble lower window panes)	Exterior – north end	**10.1**	Yes – EPA
8B			**17.1**	
8C		Exterior - west	**117**	
9A	C9 - white semi-flexible caulk	Exterior – B17boarding ramp	BRL<.195	No
9B			BRL<.194	
9C			BRL<.826	

BRL< = Below Reportable Detection Limit
PCB ≥ 50 ppm = EPA PCB Bulk Product Waste
PCB >1 ppm but <50 ppm = CTDEEP regulated

♦Asbestos containing material (>1%)
*Additional samples were collected due to elevated detection limits that were >1 PPM

TABLE 7B
BULK SAMPLE SUMMARY OF SUSPECT PCB CONTAINING MATERIALS
BRADLEY INTERNATIONAL AIRPORT - TERMINAL B
CONCOURSE B
WINDSOR LOCKS, CONNECTICUT

Sample No.	Homogenous Material Type	Sample Location	Total PCB (ppm)	EPA/CTDEEP Regulated
10A	C10 - light grey very flexible (powder snap) caulk	TWA hold room	**5.48**	Yes - CTDEEP
10B		TWA hold room	**11.8**	
10C		Exterior – north end	.735	
11A	C11 - light flex caulk on ground concrete slab seams	Exterior – SE corner	**1.73**	Yes - CTDEEP
11B			**2.00**	
11C		Exterior – SE corner	**1.04**	Yes - CTDEEP
12A	C12 – grey tacky flexible caulk (30 LF)	B20 boarding ramp – storage 1	BRL<.717	No
12B			BRL<.870	
13A	WG1 - interior and exterior gray brittle window glaze♦	Interior/exterior room 130	**1.68**	Yes - CTDEEP
13B			.704	
13C		Interior/exterior room 123E	**2.98**	
14A	WG2 - black flex-putty glaze on new windows♦	TWA holdroom - west	**57.1**	Yes - EPA
14B		TWA holdroom - west	**51.4**	
15A	WG3 - white outer/gray inner window glaze *(inseparable from WG4)*	Exterior – SW	**10,800**	Yes - EPA
15B			**11,700**	
15C		Exterior – north end	**9,840**	
16A	WG4 - dark gray (slight silverish) glaze on windows	Exterior – north end	**3,210**	Yes - EPA
16B			**11,800**	
16C		B20 boarding ramp	**21,500**	
17A	DWG1 - Black stretchy door window glaze *(1 door)*	Exterior – B20 boarding ramp	**BRL<1.92***	No
1-DWG1 (9/27/13)			BRL<.376	
SI1A	SI1 – clear silicone caulk/glaze (over C2&WG1)	Room 126 (over WG1)	**6.77**	Yes - CTDEEP
SI1B		Bridge (over C2)	**6.66**	
SI1C		Exterior – SW (over WG1)	.593	
SI2A	SI2 – silver silicone glaze (20 LF)	Exterior - west	.673	No
1	CC1-grey pliable caulk on metal columns♦	TWA Hold room - north	**3,620**	Yes - EPA
2		TWA Hold room - east	**2,590**	
3		Room 147A	**3,715**	

BRL< = Below Reportable Detection Limit
PCB ≥ 50 ppm = EPA PCB Bulk Product Waste
PCB >1 ppm but <50 ppm = CTDEEP regulated

♦Asbestos containing material (>1%)
*Additional samples were collected due to elevated detection limits that were >1 PPM

TABLE 7C BULK SAMPLE SUMMARY OF SUSPECT PCB CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT - TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT				
Sample No.	**Homogenous Material Type**	**Sample Location**	**Total PCB (ppm)**	**EPA/CTDEEP Regulated**
IAB				
1A	C1-black flexible caulk	Exterior of bay 2A/2B	**BRL<16.3***	No
1B			**BRL<17.9***	
1C			**BRL<19.3***	
C1-A (9/26/13)			BRL<.699	
C1-B (9/26/13)			BRL<.542	
C1-C (9/26/13)			BRL<.663	
2A	C2-grey flexible caulk	Exterior – airside – TSA entry	**114,000**	Yes - EPA
2B		Ground floor - bay 1	**120,000**	
2C		Exterior – public side – north end overhang	**83,200**	
03-MT (8/16/13)		Murphy Terminal – Public corridor A columns	**27,440**	
3A	C3-hard semi-flex caulk (brownish-dirty grey)	Exterior – airside – TSA entry	**42.7**	Yes - CTDEEP
3B		Ground floor – stairway 1	**9.78**	
3C		Exterior – public side – south end	**1.30**	
4A	WG1-brown semi pliable, crumbly window glaze♦	Exterior – airside – TSA entry	**12.4**	Yes - EPA
4B		Exterior – airside – outside TSA	**349**	
4C		Exterior – airside – north entry	**46.0**	
5A	WG1A-brown semi pliable glaze on interior of WG1 windows	1st floor – B23 area	**12.8**	Yes - CTDEEP
5B		1st floor – B22 area	**10.7**	
5C			**8.39**	

BRL< = Below Reportable Detection Limit
PCB ≥ 50 ppm = EPA PCB Bulk Product Waste
PCB >1 ppm but <50 ppm = CTDEEP regulated

♦Asbestos containing material (>1%)
*Additional samples were collected due to elevated detection limits that were >1 PPM

TABLE 7C BULK SAMPLE SUMMARY OF SUSPECT PCB CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT - TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT				
Sample No.	**Homogenous Material Type**	**Sample Location**	**Total PCB (ppm)**	**EPA/CTDEEP Regulated**
6A	C4A-brown powdery exterior real flexible caulk *(originally classified as C4)*	Exterior – airside – north entry	**3.93**	Yes - CTDEEP
6G		Exterior – airside – window frame	**3.62**	
6B	C4B-brown powdery exterior real flexible caulk *(originally classified as C4)*	Exterior – public side – bag claim 4 entry	**99,100**	Yes - EPA
6D		Exterior – public side – expansion joint	**96,800**	
6E		Exterior – public side – expansion joint	**87,900**	
6F	C4C-brown powdery exterior real flexible caulk *(originally classified as C4)*	Exterior – public side – vent	BRL<.982	No
6C		Exterior – public side - north entry	**BRL<14.4***	
C4C-1 (9/26/13)		Exterior – public side – vent	BRL<.554	
C4C-2 (9/26/13)		Exterior – public side	BRL<.704	
01 (7/23/13)	C4D – dark brown flexible caulk	1st floor – entry 1	.796	Yes - CTDEEP
1-IAB (8/16/13)		1st floor – entry 1	.960	
2-IAB (8/16/13)		1st floor – entry 2	**1.37**	
7A	C5-brown sticky slight flex caulk	Exterior – airside TSA entry	**10.1**	Yes - CTDEEP
7B			**5.69**	
8A	C6-white fibrous putty-like caulk ♦	Exterior – airside – outside TSA	**2.93**	Yes - CTDEEP
9A	WG2-hard grey brittle window glaze ♦ (5 windows)	Exterior – southside – outside room 172	**BRL<1.27***	No
9B		Exterior – south side – outside room 167	**BRL<1.63***	
WG2(A) (9/27/13)		Exterior –outside room 167 area	BRL<.146	
WG2(B) (9/27/13)		Exterior – outside room 167 area	BRL<.121	

BRL< = Below Reportable Detection Limit
PCB ≥ 50 ppm = EPA PCB Bulk Product Waste
PCB >1 ppm but <50 ppm = CTDEEP regulated

♦Asbestos containing material (>1%)
*Additional samples were collected due to elevated detection limits that were >1 PPM

TABLE 7C BULK SAMPLE SUMMARY OF SUSPECT PCB CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT - TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT				
Sample No.	**Homogenous Material Type**	**Sample Location**	**Total PCB (ppm)**	**EPA/CTDEEP Regulated**
10A	WG3-brown putty sticky window glaze♦	Ground floor – room 171A	**5.59**	Yes - CTDEEP
10B		Ground floor – room 171	**10.3**	
10C		Ground floor – room 167	**7.68**	
11A	C7-cream hard brittle caulk	Exterior – upper entry roof	**1.28**	Yes - CTDEEP
11B		Exterior – lower entry roof - north	**2.34**	
11C		Exterior – lower entry roof - north	**2.64**	
12A	C8-mauve caulk – hard	Public corridor – north entry	**14.2**	Yes - CTDEEP
12B		Public corridor – south entry	**17.3**	
13A	WG5-black putty window glaze	1st floor – area 3	.437	Yes - CTDEEP
13B		1st floor – area 3	**1.55**	
14A	WG4-brown putty glaze in overhang windows♦	Exterior – north side overhang	**296**	Yes - EPA
14B		Exterior – north side overhang	**43.7**	
14C		Exterior – north side overhang	**67.7**	
15A	DWG1-white hard door window glaze (1 door)	Exterior – B21 boarding ramp	BRL<.389	No
16A	DWG2-black putty door window glaze	Ground floor – room 8D	**1.95**	Yes - CTDEEP
---	C9 – white flexible caulk	1st floor - Verizon Room	*Not analyzed/Renovated in 2004*	No
---	White flexible caulk	1st floor – Terminal A-B connector hall	*Not analyzed/ Constructed in 1986*	No
---	Silver silicone caulk	1st floor – Terminal A-B connector hall	*Not analyzed/ Constructed in 1986*	No
---	Grey tacky, flexible caulk	1st floor – exterior of Terminal A-B connector hall	*Not analyzed/ Constructed in 1986*	No

BRL< = Below Reportable Detection Limit
PCB ≥ 50 ppm = EPA PCB Bulk Product Waste
PCB >1 ppm but <50 ppm = CTDEEP regulated

♦Asbestos containing material (>1%)
*Additional samples were collected due to elevated detection limits that were >1 PPM

TABLE 7D BULK SAMPLE SUMMARY OF SUSPECT PCB CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT - TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Sample No.	**Homogenous Material Type**	**Sample Location**	**Total PCB (ppm)**	**EPA/CTDEEP Regulated**
Murphy Terminal				
1A	C1 – hard brittle light brown caulk♦	Ground floor – PCA(on deck)	BRL<.374	Yes - CTDEEP
1B			**1.67**	
2A	C2 – old tan pliable caulk (ext. side of structure)♦	Basement - room 155	**18.27**	Yes - CTDEEP
2B		Ground floor - room 67/68	**5.31**	
2C		1st floor - room 35	BRL<.316	
3A	C3 – grey flexible caulk	Basement - room 154	**2.39**	Yes - CTDEEP
3B		Ground floor - Hall G	.416	
3C		Ground floor - room 10	BRL<.151	
4A	C4 – white flexible caulk	Ground floor - room 12	BRL<.163	No
4B			BRL<.135	
4C			BRL<.122	
7A	C7 – slight flexible light brown caulk	1st floor PCA - doorway near IAB	**6.06**	Yes - CTDEEP
8A	C8 – tan/grey interior, hard exterior caulk♦ *(C27&C8 are same)*	1st floor - room 39	**1.44**	Yes - CTDEEP
8B			**1.42**	
28A		1st floor - hall outside room 30C	BRL<.191	
9A	C9 – semi-pliable, sticky grey caulk(ext side of window) (50 LF)	1st floor – hall outside room 30C	.454	No
9B			.665	
11A	C11 – sticky, flexible dark brown caulk (20 LF)	1st floor – PCC entrance	BRL<.868	No
11B			BRL<.769	
12A	C12 – tan, hard pliable putty caulk♦	Basement – room 149 corridor	**1.79**	Yes - CTDEEP
12B			**10.1**	
12C			**4.59**	
13A	C13 – white, hard semi-pliable caulk♦	Exterior - control tower - walkway	**3.28**	Yes - CTDEEP
13B			.340	

BRL< = Below Reportable Detection Limit
PCB ≥ 50 ppm = EPA PCB Bulk Product Waste
PCB >1 ppm but <50 ppm = CTDEEP regulated

♦Asbestos containing material (>1%)
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TABLE 7D BULK SAMPLE SUMMARY OF SUSPECT PCB CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT - TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Sample No.	**Homogenous Material Type**	**Sample Location**	**Total PCB (ppm)**	**EPA/CTDEEP Regulated**
14A	C14 – dark brown flexible caulk♦ (20 LF)	Exterior - control tower - walkway	.368	No
14B			.357	
15A	C15 – tan putty-like caulk w/ noticeable odor♦ *(C10 is homogeneous to C15)*	4th floor – mechanical room	**8.33**	Yes - CTDEEP
15B		Penthouse – stairwell (window)	**2.25**	
15A *(sampled on 11/28/12)*		2nd floor roof – west side	**8.01**	
16A	C16 – grey flexible tacky caulk*(C5 is homogeneous to C16)*	Exterior – ground floor - room 10	BRL<.990	No
16B		Exterior – ground floor - o/s room 12	BRL<.719	
16C		Exterior – ground floor - o/s hall G area	BRL<.922	
17A	C17 – black really flexible caulk (19 LF)	Exterior – ground floor - room3B area (around WG12 windows)	BRL<.286	No
18A	C18 – beige flexible caulk	Exterior – ground floor - outside hall G door	BRL<.770	No
18B		Exterior – ground floor - room 67	BRL<.946	
18C		Exterior – ground floor – outside hall G door	BRL<.890	
20A	C20 - Hard brittle white caulk♦	Exterior – public side - basement	**12.1**	Yes - CTDEEP
20B			**2.03**	
20C			**2.11**	
21A	C21 Dark gray wavy caulk under metal window sill (only on edge)♦	Exterior – public side - basement	**3.44**	Yes - CTDEEP
21B			.689	
21C			**1.04**	

BRL< = Below Reportable Detection Limit
PCB ≥ 50 ppm = EPA PCB Bulk Product Waste
PCB >1 ppm but <50 ppm = CTDEEP regulated

♦Asbestos containing material (>1%)
*Additional samples were collected due to elevated detection limits that were >1 PPM

TABLE 7D BULK SAMPLE SUMMARY OF SUSPECT PCB CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT - TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Sample No.	**Homogenous Material Type**	**Sample Location**	**Total PCB (ppm)**	**EPA/CTDEEP Regulated**
22A	C22 – grey sticky flexible caulk	Exterior – public side – ground floor	BRL<.131	No
22B			BRL<.179	
22C			BRL<.182	
23A	C22A – grey flexible caulk on escalator & bus waiting areas♦	Exterior – escalator platform	BRL<.190	No
23B		Exterior – ground level – west bus waiting area	BRL<.185	
23C		Exterior – ground level – east bus waiting area	BRL<.193	
24A	C23 - stretchy light brown caulk	Exterior – 1st floor - wicked subs	**87.9**	Yes - EPA
24B			**132**	
24C			**24.4**	
25A	C24/C37 - hard semi flex gray caulk on old concrete window sills (C37 inseparable from C24)	Exterior – 1st floor – 20/30 office area	.473	No
25B	C24/C37 - hard semi flex gray caulk on old concrete window sills (C37 inseparable from C24)		.399	
25C	C24 - hard semi flex gray caulk on old concrete window sills *(C30 is homogeneous toC24)*		.522	
25D		Exterior – 1st floor roof – north of SP	BRL<.277	
26A	C25 - Brittle silver caulk behind metal window panels *(inseparable from C15)*♦	Exterior – 2nd floor – sky lounge	**4.41**	Yes - CTDEEP
26B			**8.22**	
26C			**10.9**	
27A	C26 - stretchy sticky gray caulk on AA addition	Exterior – 1st floor – AA/area 62	BRL<.269	Yes - CTDEEP
27B			**2.33**	
27C			**1.50**	

BRL< = Below Reportable Detection Limit
PCB ≥ 50 ppm = EPA PCB Bulk Product Waste
PCB >1 ppm but <50 ppm = CTDEEP regulated

♦Asbestos containing material (>1%)
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TABLE 7D BULK SAMPLE SUMMARY OF SUSPECT PCB CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT - TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Sample No.	**Homogenous Material Type**	**Sample Location**	**Total PCB (ppm)**	**EPA/CTDEEP Regulated**
29A	C28 – grey brittle caulk on top of parapet	Exterior - west roof o/s penthouse	.930	No
29B		Exterior - 3rd floor roof	BRL<.137	
29C		Exterior – 2nd floor north roof	BRL<.264	
30A	C29 – stretchy flexible grey-brown caulk	Exterior - 3rd floor roof - A side parapet	BRL<.379	No
30B			BRL<.351	
30C		Exterior - 3rd floor roof - A/B side parapet	BRL<.401	
32A	C31 - Beige stretchy tacky caulk w/grey exterior	Exterior – 1st floor roof – east SP	BRL<.321	No
32B			BRL<.308	
32C		Exterior – 1st floor roof – north SP	BRL<.302	
33A	C32-beige brittle caulk	Exterior – 1st floor - host 14	**6.71**	Yes - CTDEEP
33B			**5.76**	
34A	C33-tan brittle (w/ greyish exterior) caulk♦ *(WG15&C33 are homogeneous)*	Exterior – 1st floor - host 14	**46.0**	Yes - CTDEEP
34B			**43.2**	
35A	WG1 – black putty interior window glaze	MT – basement room 157	**16.6**	Yes - CTDEEP
35B			**5.07**	
36A	WG2 – hard grey glaze on int. double pane metal windows	1st floor - hall o/s room 35	BRL<.134	Yes - CTDEEP
36B		1st floor – room 20	BRL<.162	
36C		1st floor – room 18 & 21	**1.82**	
37A	WG3 – hard tan window glaze on 5'x7' metal frame windows♦ (6 windows)	1st floor - AA ticket area	.810	No
37B			.945	
38A	WG4 – flexible grey glaze on 5'x7' metal windows *(WG12 mixed in 38A & B samples)*	2nd floor roof – west side	**20,200**	Yes - EPA
38B		1st floor – wicked subs	**16,200**	
38C		Exterior – 1st floor – wicked subs	**14,600**	

BRL< = Below Reportable Detection Limit
PCB ≥ 50 ppm = EPA PCB Bulk Product Waste
PCB >1 ppm but <50 ppm = CTDEEP regulated

♦Asbestos containing material (>1%)
*Additional samples were collected due to elevated detection limits that were >1 PPM

TABLE 7D BULK SAMPLE SUMMARY OF SUSPECT PCB CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT - TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Sample No.	**Homogenous Material Type**	**Sample Location**	**Total PCB (ppm)**	**EPA/CTDEEP Regulated**
39A	WG5 - hard white glaze on metal windows♦	3rd floor – room 50	**5.11**	Yes - CTDEEP
39B		2nd floor – SP room 205	**1.26**	
39C		2nd floor – SP men's bathroom	**1.25**	
40A	WG6 – black putty glaze on 7'x10' metal frame windows♦	Control tower (3 windows)	**7.17**	Yes - CTDEEP
40B			**4.17**	
41A	WG7 – grey putty glaze on 7'x10' metal frame windows♦	Control tower (1 window)	**12.5**	Yes - CTDEEP
42A	WG8 – hard white window glaze patch♦ (1 window)	4th floor - bathroom	BRL<.307	No
43A	WG9 - hard grey glaze on single pane metal framed window (4 windows)	2nd floor roof over SP – telecom. tower	BRL<.136	No
46A	WG12 – black putty window glaze *(WG11 is homogenous to WG12)*♦	2nd floor roof – west side	**7,860**	Yes - EPA
46B	WG12A – black putty window glaze♦ (1 window)	Exterior – ground floor – o/s room3B	.887	No
46C			.314	
47A	WG13 - grey putty window glaze on AA addition♦	Exterior – 1st floor – AA/area 62	**BRL<1.61***	No
47B			**BRL<1.61***	
47C			**BRL<1.76***	
1-WG13 (10/1/13)			BRL<.181	
2-WG13 (10/1/13)			BRL<.149	
3-WG13 (10/1/13)			BRL<.112	
48A	WG14-brown soft crumbly window glaze♦	Exterior – 1st floor - host 14	**14.0**	Yes - CTDEEP
48B			**10.92**	
50A	DWG1 – black putty door window glaze	Ground floor - stairwellS2	**1.07**	Yes - CTDEEP
50B		Ground floor - PCA	.740	
50C		3rd floor - hall	.746	

BRL< = Below Reportable Detection Limit
PCB ≥ 50 ppm = EPA PCB Bulk Product Waste
PCB >1 ppm but <50 ppm = CTDEEP regulated

♦Asbestos containing material (>1%)
*Additional samples were collected due to elevated detection limits that were >1 PPM

TABLE 7D BULK SAMPLE SUMMARY OF SUSPECT PCB CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT - TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Sample No.	**Homogenous Material Type**	**Sample Location**	**Total PCB (ppm)**	**EPA/CTDEEP Regulated**
51A	DWG4 – grey putty door window glaze♦	Ground floor -3C	BRL<.318	Yes - CTDEEP
51B		Ground floor -BAD2	BRL<.507	
51C		1st floor - room 36	**1.01**	
52A	DWG5 – white putty door window glaze♦ (2 doors)	Ground floor - room 12	BRL<.957	No
54A	DWG7 – white flexible window glaze in garage doors	Exterior – ground floor – o/s room 3C	.186	No
54B			.320	
54C		Exterior – ground floor – room 12	ND<.021	
55A	WG1A – grey putty interior glaze	Ground floor - PCA	.943	Yes - CTDEEP
55B			**1.06**	
56A	C22B – beige tacky flexible caulk	Exterior - 1st floorpublic side	BRL<.822	No
56B		Exterior - 1st floorpublic side	BRL<.387	
56C		Exterior - 1st floorpublic side (south)	BRL<.654	
57A	C34 – dark brown tacky flexible caulk (80 LF)	Exterior – 1st floor – public side	BRL<.656	No
57B			BRL<.977	
58A	C35 – tan brittle caulk in parapet joint♦	Exterior - 3rd floor roof	BRL<.177	No
58B			BRL<.226	
58C			BRL<.178	
59A	WG5A - hard grey window glaze (thick on interior)♦	3rd floor – room 80A	**1.76**	Yes - CTDEEP
59B			**2.87**	
59C			**2.95**	
60A	C36 – thin beads of white flexible caulk	Exterior – wicked subs	**10.4**	Yes - CTDEEP
60B			**26.9**	
60C			**23.5**	
61A	C31A - white flexible (pink interior) caulk	Exterior – 1st floor roof north of SP	BRL<.309	No
61B			BRL<.254	
61C			BRL<.392	

BRL< = Below Reportable Detection Limit
PCB ≥ 50 ppm = EPA PCB Bulk Product Waste
PCB >1 ppm but <50 ppm = CTDEEP regulated

♦Asbestos containing material (>1%)
*Additional samples were collected due to elevated detection limits that were >1 PPM

TABLE 7D BULK SAMPLE SUMMARY OF SUSPECT PCB CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT - TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT				
Sample No.	**Homogenous Material Type**	**Sample Location**	**Total PCB (ppm)**	**EPA/CTDEEP Regulated**
62A	WG16-silver slightly flexible window glaze	2nd floor – room 216B	**3,655**	Yes - EPA
62B		2nd floor – sky lounge	**3,114**	
62C	WG16-silver slightly flexible window glaze	2nd floor – conference room 1	**28,600**	Yes - EPA
SI1A	SI1 – silver silicone	MT – 3rd fl roof (exterior of 4th floor) - over WG2 glaze	.767	Yes - CTDEEP
SS2		2nd floor lobby (WG10 window)	**1.96**	
SS3		3rd floor (window)	**7.11**	
4-WG10	WG10 – grey soft flex glaze in large single pane metal windows (5'x4') (1 window)	2nd floor - hall 2C	BRL<.128	No
5-WG10			BRL<.167	

BRL< = Below Reportable Detection Limit
PCB ≥ 50 ppm = EPA PCB Bulk Product Waste
PCB >1 ppm but <50 ppm = CTDEEP regulated

♦Asbestos containing material (>1%)
*Additional samples were collected due to elevated detection limits that were >1 PPM

TABLE 8A IDENTIFIED PCB CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT			
Material	**Sample Date (mo/yr)**	**General Location**	**Estimated Quantity**
Concourse A			
CTDEEP REGULATED PCB CONTAINING MATERIALS (> 1 ppm, < 50 ppm)			
WG1 - Interior Grey Pliable Glaze on 4x4 Windows	Sampled 11/12	Exterior – windows &W1 window systems	43 EA
C5- Black Pliable Caulk on Ceramic Wall Tile♦	Sampled 11/12	Ground floor – janitor closet across from G06	10 LF
C8 - Dark gray crumbly soft daub under 4" metal windowsill♦	Sampled 11/12	Ground floor – W1 window systems – under metal window sills	48 SF
C9 - Light grey, hard flexible caulk	Sampled 11/12	Ground floor – W1 window systems – around windows	386 LF
C10 - Silver brittle crumbly caulk *(inseparable from C9)*♦	Sampled 11/12	Ground floor – W1 window systems – around windows	144 LF
EPA REGULATED PCB BULK PRODUCT WASTE (≥50 ppm)			
CC1- Grey Pliable Caulk on Columns♦	Sampled 11/12 &8/13	Throughout ground floor along interior of exterior walls of original structure – each side of column	361 LF
WCa– beige pliable caulk♦	Sampled 11/12& 8/13	Throughout interior & exterior of building on window systems, doors & vents *(mainly ground floor)*	1,540 LF
C12 - grey hard layered brittle caulk♦	Sampled 11/12	Exterior – joints in bridge area	150 LF

♦Asbestos containing material (>1%)

TABLE 8B IDENTIFIED PCB CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT			
Material	**Sample Date (mo/yr)**	**General Location**	**Estimated Quantity**
Concourse B			
CTDEEP REGULATED PCB CONTAINING MATERIALS (> 1 ppm, < 50 ppm)			
C2 - interior tan putty-like window caulk♦	Sampled 11/12	Throughout – on interior/exterior of windows, doors & vents	3,974 LF
C3 - white flexible caulk	Sampled 11/12	Interior – Room 130, 124 B &B20 boarding ramp Exterior – joint outside utility room	66 LF
C5 - brittle silver caulk (white flakes visible)♦	Sampled 11/12	W1 windows systems – around exterior	434 LF
C6 - Dark gray crumbly soft (daub) caulk under 4" metal window sill♦	Sampled 11/12	W1 windows systems – under exterior window sill	56 SF & 34 LF
C10 - light grey very flexible (powder snap) caulk	Sampled 11/12	Interior & exterior of 2 windows on east end of TWA holdroom& at B20 boarding ramp entrance	170 LF
C11 - light flex caulk on ground concrete slab seams	Sampled 11/12	Exterior – outside utility room	150 LF
WG1 - interior and exterior gray brittle window glaze♦	Sampled 11/12	W1 window systems	34 EA
SI1 – clear silicone caulk/glaze (over C2&WG1)	Sampled 11/12	W1 window systems (scattered) – covering WG1 & C2	100 LF
EPA REGULATED PCB BULK PRODUCT WASTE (≥50 ppm)			
CC1-grey pliable caulk on metal columns♦	Sampled 8/13	Throughout concourse along interior of exterior walls	486 LF
C1 - beige pliable interior door caulk♦	Sampled 11/12	Room 147 – door/window frame	45 LF
C4 - grey hard surface semi-flexible caulk♦	Sampled 11/12	Exterior of W1&W4 window systems, doors & east windows	1000 LF
C8 - Dark gray hard (slight flex) caulk (around old marble lower window panes)	Sampled 11/12	W4 window systems – on exterior of lower marble panels	476 LF

♦Asbestos containing material (>1%)

TABLE 8B IDENTIFIED PCB CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT			
Material	**Sample Date (mo/yr)**	**General Location**	**Estimated Quantity**
Concourse B			
WG2 - black flex-putty glaze on new windows♦	Sampled 11/12	Exterior of TWA holdroom (North)	3 EA
WG3 - white outer/gray inner window glaze *(inseparable from WG4)*	Sampled 11/12	W4 window systems – covering WG4 in various locations	200 LF
WG4 - dark gray (slight silverish) glaze on windows	Sampled 11/12	W4 window systems	18 EA

♦ Asbestos containing material (>1%)

TABLE 8C IDENTIFIED PCB CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT			
Material	**Sample Date (mo/yr)**	**General Location**	**Estimated Quantity**
IAB			
CTDEEP REGULATED PCB CONTAINING MATERIALS (> 1 ppm, < 50 ppm)			
C3-hard semi-flex caulk (brownish-dirty grey)	Sampled 11/12	Throughout interior/exterior of building on windows, doors & joints	1,960 LF
WG1A-brown semi pliable glaze on interior of WG1 windows	Sampled 11/12	Ground floor – interior of some windows, 1st floor – interior of WG1 window systems & upper windows	44 EA
C4A-brown powdery exterior real flexible caulk	Sampled 11/12	Ground floor – on window exterior to baggage claim 4	80 LF
C4D – dark brown flexible caulk	Sampled 11/12	1st floor – interior/exterior of Entry 1 & 2, exterior of former entry (between entry 1 &2)	130 LF
C5-brown sticky slight flex caulk	Sampled 11/12	Ground floor – hall outside room 168 and on exterior side of TSA lobby door	42 LF
C6-white fibrous putty-like caulk ♦	Sampled 11/12	Ground floor – on windows exterior of TSA	10 LF
WG3-brown putty sticky window glaze♦	Sampled 11/12	Ground floor – on interior of windows in room 167, 171, 171A, 172A& 172	7 EA
C7-cream hard brittle caulk	Sampled 11/12	Upper entry roof – wall/roof joint, Lower entry roof – west corner	300 LF
C8- hard mauve caulk	Sampled 11/12	1st floor –on upper area sides of doors/windows in public corridor (interior/exterior)	54 LF
WG5-black putty window glaze	Sampled 11/12	1st floor – area 3	3 EA
DWG2-black putty door window glaze	Sampled 11/12	Ground floor – room 8D& end of B22 boarding ramp	2 EA

♦ Asbestos containing material (>1%)

TABLE 8C IDENTIFIED PCB CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT			
Material	**Sample Date (mo/yr)**	**General Location**	**Estimated Quantity**
IAB			
EPA REGULATED PCB BULK PRODUCT WASTE (≥50 ppm)			
C2-grey flexible caulk	Sampled 11/12	Throughout the interior & exterior of the building on floor joints ,wall joints, columns, windows, etc.	8,517 LF
WG1-brown semi pliable, crumbly window glaze♦	Sampled 11/12	Ground floor – exterior of some windows, 1st floor – exterior of WG1 window systems & upper windows	48 EA
C4B-brown exterior real flexible caulk	Sampled 11/12&12/12	Ground floor – various components on the interior/exterior of ground floor	276 LF
WG4-brown putty glaze in overhang windows♦	Sampled 11/12	1st floor – exterior overhang (facing down) on each end of building	10 EA

♦Asbestos containing material (>1%)

TABLE 8D IDENTIFIED PCB CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT			
Material	**Sample Date (mo/yr)**	**General Location**	**Estimated Quantity**
Murphy Terminal			
CTDEEP REGULATED PCB CONTAINING MATERIALS (> 1 ppm, < 50 ppm)			
C1 – hard brittle light brown caulk♦	Sampled 12/12	Ground floor – PCA (on deck)	24 LF
C2 – old tan pliable caulk♦	Sampled 12/12	Basement– vents & windows throughout Ground floor – windows, doors & vents in rooms 67, 68, 68A, along viaduct switch room area, customs 5 & room 73 1st floor– 20/30's office area windows	780LF
C3 – grey flexible caulk	Sampled 12/12	Basement-around double doors to loading dock, Ground floor-room 10, 13 & hall G on wall joints & doors	256 LF
C7 – slight flexible light brown caulk	Sampled 11/12	1st floor PCA -doorway near IAB on joints	24 LF
C8 – tan/grey interior, hard exterior caulk♦	Sampled 12/12	Basement-closet next to disposal room, Ground floor- exterior windows outside delta baggage claim, 1st floor – windows of 20/30's office area & exterior of escalator lobby 1	776 LF
C12 – tan, hard pliable putty caulk♦	Sampled 12/12	Basement – doors & vents in room 149 corridor	120 LF
C13 – white, hard semi-pliable caulk♦	Sampled 12/12	Control tower – on exterior metal wall panels	220 LF
C15 – tan putty-like caulk w/ noticeable odor♦	Sampled 12/12	Ground floor – exterior overhang outside delta baggage claim, 1st floor – Penthouse – on windows, doors & vents throughout	4,973 LF
C20 - Hard brittle white caulk♦	Sampled 12/12	Basement – interior/exterior of room 155A	35 LF

♦Asbestos containing material (>1%)

TABLE 8D IDENTIFIED PCB CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT			
Material	**Sample Date (mo/yr)**	**General Location**	**Estimated Quantity**
Murphy Terminal			
C21 Dark gray wavy caulk under metal window sill (only on edge)♦	Sampled 12/12	Basement –room 155A, 1st floor – samadams& Public Corridor D	25 LF
C25 - Brittle silver caulk behind metal window panels♦	Sampled 12/12	1st floor – WG4/WG12 window wall panel system on windows, seams & joints	550 LF
C26 - stretchy sticky gray caulk on AA addition	Sampled 12/12	1st floor – on windows exterior to rooms 62A-C and 30B	36 LF
C32-beige brittle caulk	Sampled 12/12	1st floor – on joints exterior to host lounge 14	24 LF
C33-tan brittle (w/greyish exterior) caulk♦	Sampled 12/12	1st floor – on joints & windows exterior to host lounge 14	250 LF
WG1 – black putty interior window glaze	Sampled 12/12	Basement–room 157, 1st floor – escalator lobby 1	3EA
WG1A – grey putty interior glaze	Sampled 12/12	Ground floor - PCA	16 EA
WG2 – hard grey glaze on int. double pane metal windows	Sampled 12/12	1st floor – 20/30's office area, 4th floor - throughout	75EA
WG5 - hard white glaze on metal windows♦	Sampled 12/12	Basement – room 155/155A, 2nd floor&3rd floor– throughout	118EA
WG6 – black putty glaze on 7'x10' metal frame windows♦	Sampled 12/12	2nd floor – exterior of hall 2CControl tower	4EA
WG7 – grey putty glaze on 7'x10' metal frame windows♦	Sampled 12/12	Control tower	1 EA
WG14-brown soft crumbly window glaze♦	Sampled 12/12	1st floor –exterior to host lounge 14	7 EA
DWG1 – black putty door window glaze	Sampled 12/12	Ground floor–public concourse A & delta baggage claim, 1st floor–public corridor C, 2nd floor–stair D, 3rd floor–room 81 & hall D1, penthouse	9EA

♦Asbestos containing material (>1%)

TABLE 8D IDENTIFIED PCB CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT			
Material	**Sample Date (mo/yr)**	**General Location**	**Estimated Quantity**
Murphy Terminal			
DWG4 – grey putty door window glaze♦	Sampled 12/12	Basement – room 155A, Ground floor – room 3D, 24, 24 hallway, 3C, hall G, hallway outside room 69, BAD 2, , 1st floor – room 54B, stair lobby 1, 25, 26, 36, 37, 2nd floor – stair D, hall outside room 209, airport admin 1,4th floor–room 83, stairwell entrance	14EA
WG5A - hard grey window glaze (thick on interior)♦	Sampled 12/12	3rd floor – room 80 &80A	9 EA
C36 – thin beads of white flexible caulk	Sampled 12/12	1st floor – exterior of wicked subs on window units	250 LF
SI1 – silver silicone	Sampled 12/12	2nd floor – Penthouse – scattered locations over other window glazings & caulks	445 LF
C11 - light flex caulk on ground concrete slab seams ***(Concourse B)***	Sampled 11/12	Ground floor – exterior of delta baggage claim	52 LF
WG1 - Interior Grey Pliable Glaze on 4x4 Windows ***(Concourse A)***	Sampled 12/12	Ground floor – delta baggage claim, 1st floor – public corridor D	13 EA
EPA REGULATED PCB BULK PRODUCT WASTE (≥50 ppm)			
C23 - stretchy light brown caulk	Sampled 12/12	1st floor – on window units exterior to wicked subs	200 LF
WG4 – flexible grey glaze on 5'x7' metal windows	Sampled 11/12, 12/12	1st floor – WG4/WG12 window wall panel system in wicked subs, WS1 and paradies, 2nd floor – Northwest windows	63 EA
WG12 – black putty window glaze♦	Sampled 11/12, 12/12	2nd floor – Northwest & Northeast windows	93 EA *(already included in WG4&WG16 totals)*
WG16-silver slightly flexible window glaze	Sampled 12/12	1st floor – WG4/WG12 window wall panel system in wicked subs, WS1 and paradies, 2nd floor – Northwest & Northeast windows	30 EA

♦Asbestos containing material (>1%)

TABLE 8D IDENTIFIED PCB CONTAINING MATERIALS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT			
Material	**Sample Date (mo/yr)**	**General Location**	**Estimated Quantity**
Murphy Terminal			
WCa– beige pliable caulk♦ ***(Concourse A)***	Sampled 11/12 &8/13	Ground floor – around windows in delta baggage claim& south escalator, 1st floor – public corridor D	306 LF
C2-grey flexible caulk ***(IAB)***	Sampled 12/12	1st floor – on columns in public corridor A & exterior to host lounge 14 around window system	137 LF

♦ Asbestos containing material (>1%)

TABLE 9A BUILDING SUBSTRATE SAMPLE ANALYTICAL RESULTS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT						
ID No.	**Sample ID**	**Substrate Description**	**PCB Building Material**	**Date Collected**	**Total PCBs (PPM)**	**Material Classification**
CONCOURSE A						
Porous Substrate Samples Adjacent to EPA Caulks						
After further inspection, C6 was reclassified as CC1. All sample ID's which reference C6 now pertain to CC1.						
1	CA-C6-CM 1-0"	0" CMU - Hall outside Room 105	CC1- Grey Pliable Caulk on Columns	8/22/13	**2.6**	PCB Bulk Product Waste*
2	CA-C6-CM 2-0"	0" CMU - G 09		8/22/13	**22.1**	
3	CA-C6-CM 1-3"	3" CMU - Hall outside Room 105		8/22/13	**5.92**	
4	CA-C6-CM 2-3"	3" CMU - G 09		8/22/13	**16.3**	
5	CA-C6-CM 1-6"	6" CMU - Hall outside Room 105		8/22/13	**18.3**	
6	CA-C6-CM 2-6"	6" CMU - G 09		8/22/13	**5.43**	
7	CA-C6-CM 1-12"	12" CMU - Hall outside Room 105		8/22/13	**6.35**	
8	CA-C6-CM 2-12"	12" CMU - G 09		8/22/13	**3.54**	
9	CA-CC1-CM 3-12"	12" CMU - G-10		9/11/13	**4.08**	
10	CA-CC1-CM 1-24"	24" CMU - Hall outside Room 185		9/11/13	**3.96**	
11	CA-CC1-CM 2-24"	24" CMU - G-09		9/11/13	**8.99**	
12	CA-CC1-CM 3-24"	24" CMU - G-10		9/11/13	**7.58**	
13	CA-CC1-CM 3-36"	36" CMU - G-10		9/11/13	**4.68**	
14	CA-WCA-CM 1-0"	0" CMU - G 08	WCa – beige pliable caulk *(elevated results due to close proximity to CC1)*	8/22/13	**5.91**	PCB Bulk Product Waste*
15	CA-WCA-CM 1-3"	3" CMU - G 08		8/22/13	**8.55**	
16	CA-WCA-CM 1-6"	6" CMU - G 08		9/11/13	**10.1**	
17	CA-WCA-CM 2-0"	0" CMU - Mech 110	WCa – beige pliable caulk *(214 LF•)*	8/22/13	0.064	Unregulated

BRL< = Below Reportable Detection Limit

•Quantities represent the linear footage of caulk adjacent to specific porous substrate. Sample groups may also represent porous substrate impact of additional caulks. These caulks/quantities will also be listed.

*EPA PCB impacted substrates characterized as Bulk Product Waste under EPA Waste Disposal Interpretation October 24, 2012.

TABLE 9A
BUILDING SUBSTRATE SAMPLE ANALYTICAL RESULTS
BRADLEY INTERNATIONAL AIRPORT – TERMINAL B
CONCOURSE A
WINDSOR LOCKS, CONNECTICUT

ID No.	Sample ID	Substrate Description	PCB Building Material	Date Collected	Total PCBs (PPM)	Material Classification
18	CA-WCa-CM3-0”	0” CMU – Mech 115A	WCa – beige pliable caulk *(214 LF•)*	9/26/13	.173	Unregulated
19	CA-WCA-CM 2-3”	3” CMU - Mech 110		8/22/13	0.067	
20	CA-WCa-CM3-3”	3” CMU – Mech 115A		9/26/13	.110	
21	CA-WCA-CM 2-6”	6” CMU - Mech 110		8/22/13	0.099	
22	CA-WCA-CO 1-0”	0” Concrete - East center vent	WCa – beige pliable caulk	8/22/13	BRL<0.062	Unregulated
23	CA-WCA-CO 2-0”	0” Concrete - East center door		8/22/13	BRL<0.056	
24	CA-WCA-CO 1-3”	3” Concrete - East center vent	WCa – beige pliable caulk *(60 LF•)*	8/22/13	BRL<0.058	Unregulated
25	CA-WCA-CO 2-3”	3” Concrete - East center door		8/22/13	BRL<0.062	
26	CA-WCA-BR 1-0”	0” Brick - West center	WCa – beige pliable caulk *(WCa – 300 LF•)* *(C12 – 150 LF•)*	8/23/13	BRL<0.060	Unregulated
27	CA-WCA-BR 2-0”	0” Brick - East center		8/23/13	BRL<0.058	
28	CA-WCA-BR 1-3”	3” Brick - West center		8/23/13	BRL<0.061	
29	CA-WCA-BR 2-3”	3” Brick - East center		8/23/13	BRL<0.062	
30	CA-WCA-GB 1-0”	0” Glazed block - Vestibule next to 112C	WCa – beige pliable caulk *(30 LF•)*	8/22/13	BRL<0.065	Unregulated
31	CA-WCA-GB 1-3”	3” Glazed block - Vestibule next to 112C		8/22/13	BRL<0.063	
32	CA-WCA-CT 1-0”	0” Ceramic Tile - Women’s bath	WCa – beige pliable caulk *(5 LF•)*	8/22/13	BRL<0.059	Unregulated
33	CA-WCA-CT 1-3”	3” Ceramic Tile - Women’s bath		8/22/13	BRL<0.051	
Porous Substrate Samples Adjacent to CTDEEP Caulks						
34	CA-C8-BR 1-0”	0” Brick - West center	C8 - Dark gray crumbly soft daub under 4” metal windowsill *(48 SF•)*	8/23/13	BRL<0.058	Unregulated
35	CA-C8-BR 2-0”	0” Brick - East center		8/23/13	BRL<0.061	

BRL< = Below Reportable Detection Limit

•Quantities represent the linear footage of caulk adjacent to specific porous substrate. Sample groups may also represent porous substrate impact of additional caulks. These caulks/quantities will also be listed.
*EPA PCB impacted substrates characterized as Bulk Product Waste under EPA Waste Disposal Interpretation October 24, 2012.

TABLE 9A BUILDING SUBSTRATE SAMPLE ANALYTICAL RESULTS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT						
ID No.	**Sample ID**	**Substrate Description**	**PCB Building Material**	**Date Collected**	**Total PCBs (PPM)**	**Material Classification**
36	CA-C5-SHR 1-0”	0” Sheetrock - Janitor closet	C5- Black Pliable Caulk on Ceramic Wall Tile *(10 LF•)*	8/22/13	0.153	Unregulated

BRL< = Below Reportable Detection Limit

•Quantities represent the linear footage of caulk adjacent to specific porous substrate. Sample groups may also represent porous substrate impact of additional caulks. These caulks/quantities will also be listed.
*EPA PCB impacted substrates characterized as Bulk Product Waste under EPA Waste Disposal Interpretation October 24, 2012.

TABLE 9B BUILDING SUBSTRATE SAMPLE ANALYTICAL RESULTS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT						
ID No.	**Sample ID**	**Substrate Description**	**PCB Building Material**	**Date Collected**	**Total PCBs (PPM)**	**Material Classification**
CONCOURSE B						
Porous Substrate Samples Adjacent to EPA Caulks						
1	CB-CC1-CM 1-0”	0” CMU - North end TWA Hold Room	CC1-grey pliable caulk on metal columns *(486 LF•)*	9/4/13	**7.19**	PCB Bulk Product Waste*
2	CB-CC1-CM 2-0”	0” CMU - TWA Hold Room – East		9/4/13	**11.6**	
3	CB-CC1-CM 3-0”	0” CMU - Room 147A		9/4/13	**4.04**	
4	CB-CC1-CM 1-3”	3” CMU - North end TWA Hold Room		9/4/13	**7.93**	
5	CB-CC1-CM 2-3”	3” CMU - TWA Hold Room – East		9/4/13	**4.22**	
6	CB-CC1-CM 3-3”	3” CMU - Room 147A		9/4/13	**9.77**	
7	CB-CC1-CM 1-6”	6” CMU - North end TWA Hold Room		9/4/13	**5.17**	
8	CB-CC1-CM 2-6”	6” CMU - TWA Hold Room – East		9/4/13	**11.5**	
9	CB-CC1-CM 3-6”	6” CMU - Room 147A		9/4/13	**24.4**	
10	CB-CC1-CM 1-12”	12” CMU - North end TWA Hold Room		9/4/13	**11.5**	
11	CB-CC1-CM 2-12”	12” CMU - TWA Hold Room – East		9/4/13	**15.1**	
12	CB-CC1-CM 3-12”	12” CMU - Room 147A		9/4/13	**8.79**	
13	CB-CC1-CM 1-24”	24” CMU - TWA Hold Room – North		9/12/13	**8.44**	
14	CB-CC1-CM 2-24”	24” CMU - TWA Hold Room – East		9/12/13	**5.27**	
15	CB-CC1-CM 3-24”	24” CMU - Room 147A		9/12/13	BRL<0.061	
16	CB-CC1-CM 1-36”	36” CMU - TWA Hold Room – North		9/12/13	**8.49**	

TABLE 9B
BUILDING SUBSTRATE SAMPLE ANALYTICAL RESULTS
BRADLEY INTERNATIONAL AIRPORT – TERMINAL B
CONCOURSE B
WINDSOR LOCKS, CONNECTICUT

ID No.	Sample ID	Substrate Description	PCB Building Material	Date Collected	Total PCBs (PPM)	Material Classification
17	CB-C4-CO 1-0”	0” Concrete - B20 Boarding Ramp	C4 - grey hard surface semi-flexible caulk *(210 LF•)*	8/8/13	**1.75**	PCB Bulk Product Waste*
18	CB-C4-CO 1-3”	3” Concrete - B20 Boarding Ramp		8/8/13	**1.63**	
19	CB-C4-CO 1-6”	6” Conrete - B20 Boarding Ramp		9/4/13	0.164	Unregulated
20	CB-C4-BR 1-0”	0” Brick - Exterior – SW	C4 - grey hard surface semi-flexible caulk *(C4 – 400 LF•)* *(C8 – 105 LF•)*	7/29/13	0.433	PCB Bulk Product Waste*
21	CB-C4-BR 2-0”	0” Brick - Exterior – SW		7/29/13	0.238	
22	CB-C4-BR 3-0”	0” Brick - Exterior – NW		7/30/13	BRL<0.061	
23	CB-C4-BR 4-0”	0” Brick - Exterior – NE		8/8/13	0.180	
24	CB-C4-BR 5-0”	0” Brick - Exterior – N		8/8/13	**1.010**	
25	CB-C4-BR 1-3”	3” Brick - Exterior – SW		7/29/13	BRL<0.066	Unregulated
26	CB-C4-BR 2-3”	3” Brick - Exterior – SW		7/29/13	0.116	
27	CB-C4-BR 3-3”	3” Brick - Exterior – NW		7/30/13	BRL<0.059	
28	CB-C4-BR 4-3”	3” Brick - Exterior – NE		8/8/13	BRL<0.0637	
29	CB-C4-BR 5-3”	3” Brick - Exterior – N		8/8/13	0.724	
Porous Substrate Samples Adjacent to CTDEEP Caulks						
30	CB-C2-PL 1-0”	0” Plaster skimcoat - Room 147	C2 - interior tan putty-like window caulk *(elevated results due to close proximity to CC1)*	8/9/13	**59.4**	PCB Bulk Product Waste*
31	CB-C2-PL 1-3”	3” Plaster skimcoat - Room 147		9/4/13	**78.3**	
32	CB-C2-PL 1-6”	6” Plaster skimcoat - Room 147		9/4/13	**64.2**	
33	CB-C2-PL 1-12”	12” Plaster skimcoat - Room 147		9/12/13	0.092	Unregulated
34	CB-C2-PL 1-24”	24” Plaster skimcoat - Room 147		9/12/13	BRL<0.217	
35	CB-C2-PL 1-36”	36” Plaster skimcoat - Room 147		9/12/13	BRL<0.220	
36	CB-C2-CM 4-0”	0” CMU - TWA Hold Room East	C2 - interior tan putty-like window caulk *(elevated results due to close proximity to CC1)*	8/9/13	**49.3**	PCB Bulk Product Waste*
37	CB-C2-CM 6-0”	0” CMU - TWA Hold Room – East		9/4/13	**13.5**	
38	CB-C2-CM 7-0”	0” CMU - TWA Hold Room – West		9/4/13	**7.55**	
39	CB-C2-CM 6-3”	3” CMU - TWA Hold Room – East		9/4/13	**14.0**	

TABLE 9B
BUILDING SUBSTRATE SAMPLE ANALYTICAL RESULTS
BRADLEY INTERNATIONAL AIRPORT – TERMINAL B
CONCOURSE B
WINDSOR LOCKS, CONNECTICUT

ID No.	Sample ID	Substrate Description	PCB Building Material	Date Collected	Total PCBs (PPM)	Material Classification
41	CB-C2-CM 7-3”	3” CMU - TWA Hold Room – West	C2 - interior tan putty-like window caulk *(elevated results due to close proximity to CC1)*	9/4/13	**12.2**	PCB Bulk Product Waste*
42	CB-C2-CM 1-0”	0” CMU - Lower Mech Room B	C2 - interior tan putty-like window caulk *(C2 – 190 LF•)* *(C3 – 10 LF•)*	7/30/13	0.297	Unregulated
43	CB-C2-CM 2-0”	0” CMU - LMA Area		7/30/13	BRL<0.062	
44	CB-C3-CM 3-0”	0” CMU - B20 Boarding Ramp		8/9/13	BRL <0.058	
45	CB-C2-CM 5-0”	0” CMU - Bridge – interior		8/9/13	BRL <0.055	
46	CB-C2-CO 1-0”	0” Concrete - Lower Mech Room B	C2 - interior tan putty-like window caulk	7/30/13	BRL<0.057	Unregulated
47	CB-C2-CO 2-0”	0” Concrete - LMA Area		7/30/13	BRL<0.063	
48	CB-C11-CO 1-0”	0” Concrete - Exterior – SE	C11 - light flex caulk on ground concrete slab seams *(150 LF•)*	8/8/13	BRL<0.054	
49	CB-C2-BR 1-0”	0” Brick - Lower Mech Room B	C2 - interior tan putty-like window caulk *(C2 – 525 LF•)* *(C3 – 15 LF•)* *(C6 - 100 LF•)*	7/30/13	BRL<0.060	Unregulated
50	CB-C2-BR 2-0”	0” Brick - LMA Area		7/30/13	BRL<0.054	
51	CB-C3-BR 3-0”	0” Brick - B20 Boarding Ramp		8/9/13	0.016	
52	CB-C2-BR 4-0”	0” Brick - West – Dr		8/9/13	BRL<0.058	
53	CB-C10-SH 1-0”	0” Sheetrock - TWA Holding Room NW	C10 - light grey very flexible (powder snap) caulk *(50 LF•)*	8/9/13	0.314	Unregulated
54	CB-C10-SH 2-0”	0” Sheetrock - TWA Holding Room NE		8/9/13	0.469	

BRL< = Below Reportable Detection Limit

•Quantities represent the linear footage of caulk adjacent to specific porous substrate. Sample groups may also represent porous substrate impact of additional caulks. These caulks/quantities will also be listed.

*EPA PCB impactd substrates characterized as Bulk Product Waste under EPA Waste Disposal Interpretation October 24, 2012.

TABLE 9C
BUILDING SUBSTRATE SAMPLE ANALYTICAL RESULTS
BRADLEY INTERNATIONAL AIRPORT – TERMINAL B
IAB
WINDSOR LOCKS, CONNECTICUT

ID No.	Sample ID	Substrate Description	PCB Building Material	Date Collected	Total PCBs (PPM)	Material Classification
IAB						
Porous Substrate Samples Adjacent to EPA Caulks						
1	IB-C2-CO 1-0”	0” Concrete - NW ground	C2-grey flexible caulk *(C2 - 6, 223 LF•)* *(C4B – 15 LF•)*	8/12/13	0.214	PCB Bulk Product Waste*
2	IB-C2-CO 2-0”	0” Concrete - NW column		8/12/13	**6.71**	
3	IB-C2-CO 3-0”	0” Concrete - North Central - column		8/12/13	**1.56**	
4	IB-C2-CO 4-0”	0” Concrete - NE ground		8/12/13	BRL<0.056	
5	IB-C2-CO 6-0”	0” Concrete - East ground		8/13/13	0.692	
6	IB-C2-CO 7-0”	0” Concrete - Elevated north window		8/16/13	0.25	
7	IB-C2-CO 8-0”	0” Concrete - Elevated south window		8/16/13	0.48	
8	IB-C2-CO 9-0”	0” Concrete - Elevated south joint		8/16/13	**1.85**	
9	IB-C2-CO 10-0”	0” Concrete - Elevated NW1		8/16/13	0.116	
10	IB-C2-CO 11-0”	0” Concrete - Elevated NW2		8/16/13	0.086	
11	IB-C2-CO 12-0”	0” Concrete - Elevated SW wall		8/16/13	0.117	
12	IB-C2-CO 13-0”	0” Concrete - Roof west joint		8/19/13	0.977	
13	IB-C2-CO 14-0”	0” Concrete - Roof south joint		8/19/13	0.652	
14	IB-C2-CO 15-0”	0” Concrete - Roof south joint		8/19/13	**20.8**	
15	IB-C2-CO 16-0”	0” Concrete - Roof south joint		8/19/13	**3.71**	
16	IAB-C2-CO 17-0”	0” Concrete - MT 1st - PCA		8/29/13	**7.5**	
17	IB-C2-CO 1-3”	3” Concrete - NW ground	C2-grey flexible caulk *(C2 - 6, 223 LF•)* *(C4B – 15 LF•)*	8/12/13	0.070	Unregulated
18	IB-C2-CO 2-3”	3” Concrete - NW column		8/12/13	0.421	
19	IB-C2-CO 3-3”	3” Concrete - North Central column		8/12/13	0.362	
20	IB-C2-CO 4-3”	3” Concrete - NE ground		8/12/13	BRL<0.066	
21	IB-C2-CO 6-3”	3” Concrete - East ground		8/13/13	0.188	
22	IB-C2-CO 7-3”	3” Concrete - Elevated north window		8/16/13	0.154	

TABLE 9C
BUILDING SUBSTRATE SAMPLE ANALYTICAL RESULTS
BRADLEY INTERNATIONAL AIRPORT – TERMINAL B
IAB
WINDSOR LOCKS, CONNECTICUT

ID No.	Sample ID	Substrate Description	PCB Building Material	Date Collected	Total PCBs (PPM)	Material Classification
23	IB-C2-CO 8-3”	3” Concrete - Elevated south window	C2-grey flexible caulk *(C2 - 6, 223 LF•)* *(C4B – 15 LF•)*	8/16/13	0.207	Unregulated
24	IB-C2-CO 9-3”	3” Concrete - Elevated south joint		8/16/13	0.253	
25	IB-C2-CO 10-3”	3” Concrete - Elevated NW1		8/16/13	0.202	
26	IB-C2-CO 11-3”	3” Concrete - Elevated NW2		8/16/13	0.113	
27	IB-C2-CO 12-3”	3” Concrete - Elevated SW wall		8/16/13	0.096	
28	IB-C2-CO 13-3”	3” Concrete - Roof west joint		8/19/13	BRL<0.051	
29	IB-C2-CO 14-3”	3” Concrete - Roof south joint		8/19/13	0.235	
30	IB-C2-CO 15-3”	3” Concrete - Roof south joint		8/19/13	BRL<0.058	
31	IB-C2-CO 16-3”	3” Concrete - Roof south joint		8/19/13	BRL<0.067	
32	IAB-C2-CO 17-3”	3” Concrete - MT 1st - PCA		8/29/13	0.594	
33	IAB-C2-CO 17-6”	6” Concrete - MT 1st - PCA		8/29/13	0.240	
34	IAB-C2-CO 17-12”	12” Concrete - MT 1st - PCA		8/29/13	0.235	
35	IB-C2-CO 5-0”	0” Concrete w/ small stone - NE – column (stone)	C2-grey flexible caulk *(700 LF•)*	8/13/13	**25.8**	PCB Bulk Product Waste*
36	IB-C2-CO 18-0”	0” Concrete w/ small stone - Air side – west (stone)		9/13/13	**16.4**	
37	IB-C2-CO 19-0”	0” Concrete w/ small stone - Air side – central (stone)		9/13/13	**31.0**	
38	IB-C2-CO 5-3”	3” Concrete w/ small stone - NE – column (stone)		8/13/13	**1.97**	
39	IB-C2-CO 18-3”	3” Concrete w/ small stone - Air side – west (stone)		9/13/13	**2.024**	
41	IB-C2-CO 19-3”	3” Concrete w/ small stone - Air side – central (stone)		9/13/13	**3.06**	
42	IB-C2-CO 5-6”	6” Concrete w/ small stone - NE – column (stone)		8/13/13	0.221	Unregulated
43	IB-C2-CO 18-6”	6” Concrete w/ small stone - Air side – west (stone)		9/13/13	0.156	

TABLE 9C
BUILDING SUBSTRATE SAMPLE ANALYTICAL RESULTS
BRADLEY INTERNATIONAL AIRPORT – TERMINAL B
IAB
WINDSOR LOCKS, CONNECTICUT

ID No.	Sample ID	Substrate Description	PCB Building Material	Date Collected	Total PCBs (PPM)	Material Classification
44	IB-C2-CO 19-6”	6” Concrete w/ small stone - Air side – central (stone)	C2-grey flexible caulk *(700 LF•)*	9/13/13	0.177	Unregulated
45	IB-C2-CO 5-12”	12” Concrete w/ small stone - NE – column (stone)	C2-grey flexible caulk *(700 LF•)*	8/13/13	0.191	Unregulated
46	IB-C2-CO 18-12”	12” Concrete w/ small stone - Air side – west (stone)		9/13/13	0.138	
47	IB-C2-CO 19-12”	12” Concrete w/ small stone - Air side – central (stone)		9/13/13	0.123	
48	IB-C2-CM 1-0”	0” CMU - Bay 1 - center	C2-grey flexible caulk *(80 LF•)*	8/13/13	**92.3**	PCB Bulk Product Waste*
49	IB-C2-CM 2-0”	0” CMU - Bay 1 - corner		8/13/13	**155.0**	
50	IB-C2-CM 1-3”	3” CMU - Bay 1 - center		8/13/13	**2.66**	
51	IB-C2-CM 2-3”	3” CMU - Bay 1 - corner		8/13/13	**3.79**	
52	IB-C2-CM 1-6”	6” CMU - Bay 1 - center		8/13/13	**1.42**	
53	IB-C2-CM 2-6”	6” CMU - Bay 1 - corner		8/13/13	**1.4**	
54	IB-C2-CM 1-12”	12” CMU - Bay 1 - corner		8/13/13	0.377	Unregulated
55	IB-C2-CM 2-12”	12” CMU - Bay 1 - corner		8/13/13	0.339	
56	IB-C4B-BR 1-0”	0” Brick - South Central	C4B-brown exterior real flexible caulk *(150 LF•)*	8/13/13	**9.12**	PCB Bulk Product Waste*
57	IB-C2-BR 2-0”	0” Brick - Roof west joint	C2-grey flexible caulk *(150 LF•)*	8/19/13	**32.2**	
58	IB-C4B-BR 1-3”	3” Brick - South Central	C4B-brown exterior real flexible caulk	8/13/13	**10.7**	
59	IB-C2-BR 2-3”	3” Brick - Roof west joint	C2-grey flexible caulk	8/19/13	0.274	
60	IB-C4B-BR 1-6”	6” Brick - South central	C4B-brown exterior real flexible caulk	8/13/13	**2.16**	
61	IB-C4B-BR 1-12”	12” Brick - South central		8/13/13	**1.15**	
62	IB-C4B-BR 1-16”	16” Brick - Public side exterior ground		9/13/13	0.422	Unregulated
63	IB-C4B-BR 1-20”	20” Brick - Public side exterior ground		9/13/13	0.288	

TABLE 9C
BUILDING SUBSTRATE SAMPLE ANALYTICAL RESULTS
BRADLEY INTERNATIONAL AIRPORT – TERMINAL B
IAB
WINDSOR LOCKS, CONNECTICUT

ID No.	Sample ID	Substrate Description	PCB Building Material	Date Collected	Total PCBs (PPM)	Material Classification
64	IB-C3-BR 4-0”	0” Brick - Hall 8	C4B-brown exterior real flexible caulk *(sampled as adjacent to C3, but is actually adjacent to C4B)*	8/12/13	**17.4**	PCB Bulk Product Waste*
65	IB-C3-BR 6-0”	0” Brick - TSA Hall	C4B-brown exterior real flexible caulk *(sampled as adjacent to C3, but is actually adjacent to C4B)*	8/12/13	**14.5**	PCB Bulk Product Waste*
66	IB-C2-GR 1-0”	0” Grout between non-porous slate tiles - B23 area	C2-grey flexible caulk *(123 LF on grout•)*	8/16/13	**1.11**	PCB Bulk Product Waste*
67	IB-C2-GR 2-0”	0” Grout between non-porous slate tiles - Area 3		8/16/13	**2.76**	
68	IB-C2-GR 1-3”	3” Grout between non-porous slate tiles - B23 area		8/16/13	0.355	Unregulated
69	IB-C2-GR 2-3”	3” Grout between non-porous slate tiles - Area 3		8/16/13	0.648	
Porous Substrate Samples Adjacent to CTDEEP Caulks						
70	IB-C3-CO 1-0”	0” Concrete - Public corridor – outside 174	C3-hard semi-flex caulk (brownish-dirty grey) *(592 LF total for all CTDEEP caulks•)*	8/16/13	0.567	Unregulated
71	IB-C3-CO 2-0”	0” Concrete - Public corridor – near entry 1		8/16/13	0.516	
72	IB-C3-CO 3-0”	0” Concrete - Public corridor near entry 2		8/16/13	0.559	
73	IB-C3-BR 1-0”	0” Brick - Exterior NW	C3-hard semi-flex caulk (brownish-dirty grey) *(1,668 LF total for all CTDEEP caulks•)*	8/12/13	0.177	Unregulated
74	IB-C3-BR 2-0”	0” Brick - Exterior NE		8/12/13	0.088	
75	IB-C3-BR 3-0”	0” Brick - Exterior SE		8/12/13	BRL<0.059	
76	IB-C3-BR 5-0”	0” Brick - Baggage Claim 4		8/12/13	0.125	
77	IB-C3-BR 7-0”	0” Brick - Hall outside Room 172		9/13/13	0.121	
78	IB-C3-BR 8-0”	0” Brick - Room 8B		9/13/13	BRL<0.062	

TABLE 9C BUILDING SUBSTRATE SAMPLE ANALYTICAL RESULTS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT						
ID No.	**Sample ID**	**Substrate Description**	**PCB Building Material**	**Date Collected**	**Total PCBs (PPM)**	**Material Classification**
79	IB-C3-BR 9-0”	0” Brick - Outside Boiler Room	C3-hard semi-flex caulk (brownish-dirty grey) *(1,668 LF total for all CTDEEP caulks•)*	9/13/13	<0.056	Unregulated
80	IB-C3-GR 1-0”	0” Grout - Stair 1 escalator	C3-hard semi-flex caulk (brownish-dirty grey) *(20 LF•)*	9/13/13	0.296	Unregulated
81	Drill bit decon	Drill bit	---	8/16/13	BRL <0.001	---

BRL< = Below Reportable Detection Limit

•Quantities represent the linear footage of caulk adjacent to specific porous substrate. Sample groups may also represent porous substrate impact of additional caulks. These caulks/quantities will also be listed.

*EPA PCB impactd substrates characterized as Bulk Product Waste under EPA Waste Disposal Interpretation October 24, 2012.

TABLE 9D BUILDING SUBSTRATE SAMPLE ANALYTICAL RESULTS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT						
ID No.	**Sample ID**	**Substrate Description**	**PCB Building Material**	**Date Collected**	**Total PCBs (PPM)**	**Material Classification**
MURPHY TERMINAL						
Porous Substrate Samples Adjacent to CTDEEP Caulks						
1	MT-C2-CO 1-0”	0” Concrete - 1st floor Office 35	C2 – old tan pliable caulk	8/27/13	0.086	Unregulated *(1,372 LF of CTDEEP caulks adjacent to concrete)*
2	MT-C12-CO 1-0”	0” Concrete - Basement 149 corridor	C12 – tan, hard pliable putty caulk	8/28/13	0.960	
3	MT-C12-CO 2-0”	0” Concrete - Basement 149 corridor		8/28/13	0.719	
4	MT-C15-CO 1-0”	0” Concrete - 2nd floor exterior boardroom	C15 – tan putty-like caulk w/ noticeable odor	8/30/13	BRL<0.065	
5	MT-C20-CO 1-0”	0” Concrete - Exterior basement – public side	C20 - Hard brittle white caulk	8/29/13	BRL<0.060	
6	MT-C33-CO 1-0”	0” Concrete - Host Lounge 14 roof	C33-tan brittle (w/ greyish exterior) caulk	8/29/13	0.093	
7	MT-C2-CM 1-0”	0” CMU - Basement Room 155 vent	C2 – old tan pliable caulk	8/27/13	0.127	Unregulated *(607 LF of CTDEEP caulks adjacent to CMU)*
8	MT-C2-CM 2-0”	0” CMU - Basement Room 155 window		8/27/13	0.109	
9	MT-C15-CM 1-0”	0” CMU - 1st floor closet next to Jazz 1	C15 – tan putty-like caulk w/ noticeable odor	8/27/13	0.106	
10	MT-C2-BR 1-0”	0” Brick - 1st floor Office 35	C2 – old tan pliable caulk	8/27/13	BRL<0.057	Unregulated *(3,022 LF of CTDEEP caulks adjacent to brick)*
11	MT-C2-BR 2-0”	0” Brick - 1st floor – Office 19		8/27/13	BRL<0.063	
12	MT-C2-BR 3-0”	0” Brick - Exterior basement – public side		8/29/13	BRL<0.064	
13	MT-C2-BR 4-0”	0” Brick - Exterior basement – public side		8/29/13	BRL<0.054	
14	MT-C12-BR 1-0”	0” Brick - Basement – 149 corridor	C12 – tan, hard pliable putty caulk	8/28/13	0.920	

TABLE 9D BUILDING SUBSTRATE SAMPLE ANALYTICAL RESULTS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT						
ID No.	**Sample ID**	**Substrate Description**	**PCB Building Material**	**Date Collected**	**Total PCBs (PPM)**	**Material Classification**
15	MT-C15-BR 1-0”	0” Brick - 3rd floor south exterior	C15 – tan putty-like caulk w/ noticeable odor	8/27/13	BRL<0.070	Unregulated *(3,022 LF of CTDEEP caulks adjacent to brick)*
16	MT-C15-BR 2-0”	0” Brick - 3rd floor NW exterior		8/27/13	BRL<0.067	
17	MT-C15-BR 3-0”	0” Brick - 3rd floor north center exterior		8/27/13	BRL<0.064	
18	MT-C15-BR 4-0”	0” Brick - 3rd floor exterior NE		8/27/13	BRL<0.058	
19	MT-C15-BR 5-0”	0” Brick - 4th floor south exterior		8/27/13	BRL<0.068	
20	MT-C15-BR 6-0”	0” Brick - 2nd floor exterior north S.P.		8/30/13	BRL<0.069	
21	MT-C15-BR 7-0”	0” Brick - 2nd floor exterior north S.P.		8/30/13	BRL<0.064	
22	MT-C15-BR 8-0”	0” Brick - 1st floor exterior elevator West		8/30/13	BRL<0.067	
23	MT-C15-BR 9-0”	0” Brick - 1st floor exterior elevator C		8/30/13	BRL<0.065	
24	MT-C15-BR 10-0”	0” Brick - 1st floor exterior elevator E		8/30/13	BRL<0.064	
25	MT-C15-FB 1-0”	0” finished block - 2nd floor Kitchen south		8/27/13	BRL<0.064	
26	MT-C15-FB 2-0”	0” finished block - 2nd floor Kitchen north		8/27/13	BRL<0.063	
27	MT-C11-A1-0”	0” asphalt - Exterior air side west		8/29/13	BRL<0.057	

BRL< = Below Reportable Detection Limit

•Quantities represent the linear footage of caulk adjacent to specific porous substrate. Sample groups may also represent porous substrate impact of additional caulks. These caulks/quantities will also be listed.

*EPA PCB impactd substrates characterized as Bulk Product Waste under EPA Waste Disposal Interpretation October 24, 2012.

TABLE 10A SURFACE COVER SAMPLE ANALYTICAL RESULTS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT						
ID No.	**Sample ID**	**Sample Substrate**	**Sample Location**	**Date Collected**	**Total PCBs (PPM)**	**Material Classification**
CONCOURSE A						
1	CA-CO1	Concrete	South jet ramp	8/22/13	BRL <0.055	Unregulated
2	CA-CO2	Concrete	North jet ramp	8/22/13	BRL <0.053	Unregulated
3	CA-CO3	Concrete	Exterior SW	8/22/13	BRL <0.060	Unregulated
4	CA-CO4	Concrete	Exterior east center	8/22/13	BRL <0.054	Unregulated
5	CA-CO5	Concrete	Exterior east center	8/22/13	BRL <0.062	Unregulated
6	CA-CO6	Concrete	Exterior east center	8/22/13	BRL <0.061	Unregulated
7	CA-CO7	Concrete	Exterior east center	8/22/13	BRL <0.061	Unregulated
8	CA-CO8	Concrete	Exterior east center	8/22/13	BRL <0.066	Unregulated
9	CA-CO9	Concrete	Exterior east center	8/22/13	BRL <0.054	Unregulated
10	CA-CO10	Concrete	Exterior east center	8/22/13	BRL <0.064	Unregulated
11	CA-CO11	Concrete	Exterior east center	8/22/13	BRL <0.057	Unregulated
12	CA-CO12	Concrete	Exterior east center	8/22/13	BRL <0.057	Unregulated
13	CA-CO13	Concrete	Exterior east center	8/22/13	BRL <0.065	Unregulated
14	CA-CO14	Concrete	Exterior east center	8/22/13	BRL <0.052	Unregulated
15	CA-CO15	Concrete	Exterior west center	8/23/13	BRL <0.062	Unregulated
16	CA-CO16	Concrete	Exterior west center	8/23/13	BRL <0.061	Unregulated
17	CA-CO17	Concrete	Exterior west center	8/23/13	BRL <0.061	Unregulated
18	CA-CO18	Concrete	Exterior west center	8/23/13	BRL <0.059	Unregulated
19	CA-CO19	Concrete	Exterior west center	8/23/13	BRL <0.059	Unregulated
20	CA-CO20	Concrete	Exterior west center	8/23/13	BRL <0.060	Unregulated
21	CA-CO21	Concrete	Exterior west center	8/23/13	BRL <0.065	Unregulated
22	CA-CO22	Concrete	Exterior west center	8/23/13	BRL <0.062	Unregulated
23	CA-CO23	Concrete	Exterior Northwest	8/23/13	BRL <0.054	Unregulated
24	CA-CO24	Concrete	Exterior Northwest	8/23/13	BRL <0.065	Unregulated
25	CA-CO25	Concrete	Exterior Northwest	8/23/13	BRL <0.058	Unregulated
26	CA-CO26	Concrete	Exterior Northwest	8/23/13	BRL <0.067	Unregulated
27	CA-CO27	Concrete	Exterior Northwest	8/23/13	BRL <0.066	Unregulated
28	CA-CO28	Concrete	Exterior Northwest	8/23/13	BRL <0.067	Unregulated
29	CA-CO29	Concrete	Exterior North	8/23/13	BRL <0.066	Unregulated
30	CA-CO30	Concrete	Exterior North	8/23/13	BRL <0.065	Unregulated
31	CA-CO31	Concrete	Exterior NE	8/23/13	BRL <0.063	Unregulated
32	CA-CO32	Concrete	Exterior NE	8/23/13	BRL <0.066	Unregulated
33	CA-CO33	Concrete	Exterior NE	8/23/13	0.193	Unregulated

TABLE 10A SURFACE COVER SAMPLE ANALYTICAL RESULTS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT						
ID No.	**Sample ID**	**Sample Substrate**	**Sample Location**	**Date Collected**	**Total PCBs (PPM)**	**Material Classification**
34	CA-CO34	Concrete	Exterior NE	8/23/13	BRL <0.064	Unregulated
35	CA-CO35	Concrete	Exterior east center	8/23/13	BRL <0.062	Unregulated
36	CA-CO36	Concrete	Exterior east center	8/23/13	BRL <0.061	Unregulated
37	CA-CO37	Concrete	Exterior east center	8/23/13	BRL <0.059	Unregulated
38	CA-CO38	Concrete	Exterior east center	8/23/13	BRL <0.059	Unregulated
39	CA-CO39	Concrete	Exterior east center	8/23/13	BRL <0.062	Unregulated
40	CA-CO40	Concrete	Exterior east center	8/23/13	BRL <0.065	Unregulated
41	CA-CO41	Concrete	Exterior east center	8/23/13	BRL <0.059	Unregulated
42	CA-CO42	Concrete	Exterior east center	8/23/13	BRL <0.064	Unregulated
43	CA-CO43	Concrete	Exterior east center	8/23/13	BRL <0.065	Unregulated
44	CA-CO44	Concrete	Exterior southeast	8/23/13	BRL <0.065	Unregulated
45	CA-CO45	Concrete	Exterior southeast	8/23/13	BRL <0.066	Unregulated
46	CA-CO46	Concrete	Exterior southeast	8/23/13	BRL <0.058	Unregulated
47	CA-CO47	Concrete	Exterior southeast	8/23/13	BRL <0.065	Unregulated
48	CA-CO48	Concrete	Exterior southeast	8/23/13	BRL <0.063	Unregulated
49	CA-S1	Soil	Exterior west center	8/22/13	0.043	Unregulated
50	CA-S2	Soil	Exterior west center	8/22/13	BRL <0.020	Unregulated
51	CA-S3	Soil	Exterior west center	8/22/13	BRL <0.020	Unregulated
52	CA-S4	Soil	Exterior west center	8/22/13	0.060	Unregulated
53	CA-S5	Soil	Exterior west center	8/22/13	0.363	Unregulated
54	CA-S6	Soil	Exterior west center	8/22/13	BRL <0.021	Unregulated
55	CA-S7	Soil	Exterior east center	8/22/13	0.024	Unregulated
56	CA-S8	Soil	Exterior east center	8/22/13	0.286	Unregulated
57	CA-S9	Soil	Exterior east center	8/23/13	0.102	Unregulated
58	CA-S10	Soil	Exterior east center	8/23/13	0.046	Unregulated
59	CA-S11	Soil	Exterior east center	8/23/13	0.257	Unregulated
60	CA-A1	Asphalt	Exterior west center	8/22/13	BRL <0.062	Unregulated
61	CA-A2	Asphalt	Exterior east center	8/22/13	BRL <0.061	Unregulated
62	CA-A3	Asphalt	Exterior north	8/23/13	BRL <0.061	Unregulated

BRL< = Below Reportable Detection Limit

TABLE 10B SURFACE COVER SAMPLE ANALYTICAL RESULTS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT						
ID No.	**Sample ID**	**Sample Substrate**	**Sample Location**	**Date Collected**	**Total PCBs (PPM)**	**Material Classification**
CONCOURSE B						
1	CB-GC-CO1	Concrete	Exterior – SW	7/29/13	BRL <0.064	Unregulated
2	CB-GC-CO2	Concrete	Exterior – SW	7/29/13	BRL <0.063	Unregulated
3	CB-GC-CO3	Concrete	Exterior – SW	7/29/13	BRL <0.067	Unregulated
4	CB-GC-CO4	Concrete	Exterior – SW	7/29/13	BRL <0.066	Unregulated
5	CB-GC-CO5	Concrete	Exterior – SW	7/29/13	BRL <0.058	Unregulated
6	CB-GC-CO6	Concrete	Exterior – SW	7/29/13	BRL <0.060	Unregulated
7	CB-GC-CO7	Concrete	Exterior – SW	7/29/13	BRL <0.060	Unregulated
8	CB-GC-CO8	Concrete	Exterior – CW	7/29/13	BRL <0.063	Unregulated
9	CB-GC-CO9	Concrete	Exterior – CW	7/29/13	BRL <0.062	Unregulated
10	CB-GC-C10	Concrete	Exterior – CW	7/29/13	BRL <0.064	Unregulated
11	CB-GC-C11	Concrete	Exterior – CW	7/29/13	BRL <0.065	Unregulated
12	CB-GC-C12	Concrete	Exterior – CW	7/29/13	0.123	Unregulated
13	CB-GC-C13	Concrete	Exterior - NW	7/30/13	BRL <0.063	Unregulated
14	CB-GC-C14	Concrete	Exterior - NW	7/30/13	BRL <0.052	Unregulated
15	CB-GC-C15	Concrete	Exterior - NW	7/30/13	BRL <0.058	Unregulated
16	CB-GC-C16	Concrete	Exterior - NW	7/30/13	BRL <0.052	Unregulated
17	CB-GC-C17	Concrete	Exterior - NW	7/30/13	BRL <0.059	Unregulated
18	CB-GC-C18	Concrete	Exterior - NW	7/30/13	BRL <0.066	Unregulated
19	CB-GC-C19	Concrete	Exterior - NW	7/30/13	BRL <0.067	Unregulated
20	CB-GC-C20	Concrete	Exterior - NW	7/30/13	BRL <0.058	Unregulated
21	CB-GC-C21	Concrete	Exterior - NW	7/30/13	BRL <0.055	Unregulated
22	CB – C022	Concrete	Exterior - SE	8/8/13	0.092	Unregulated
23	CB – C023	Concrete	Exterior - SE	8/8/13	BRL <0.060	Unregulated
24	CB – C024	Concrete	Exterior - SE	8/8/13	BRL <0.056	Unregulated
25	CB – C025	Concrete	Exterior - SE	8/8/13	BRL <0.061	Unregulated
26	CB – C026	Concrete	Exterior - SE	8/8/13	BRL <0.055	Unregulated
27	CB – C027	Concrete	Exterior - SE	8/8/13	BRL <0.059	Unregulated
28	CB – C028	Concrete	Exterior - SE	8/8/13	BRL <0.061	Unregulated
29	CB – C029	Concrete	Exterior - SE	8/8/13	BRL <0.058	Unregulated
30	CB – C030	Concrete	Exterior - SE	8/8/13	BRL <0.064	Unregulated
31	CB – C031	Concrete	Exterior - NE	8/8/13	BRL <0.052	Unregulated
32	CB – C032	Concrete	Exterior - NE	8/8/13	BRL <0.056	Unregulated
33	CB – C033	Concrete	Exterior - NE	8/8/13	BRL <0.064	Unregulated

TABLE 10B
SURFACE COVER SAMPLE ANALYTICAL RESULTS
BRADLEY INTERNATIONAL AIRPORT – TERMINAL B
CONCOURSE B
WINDSOR LOCKS, CONNECTICUT

ID No.	Sample ID	Sample Substrate	Sample Location	Date Collected	Total PCBs (PPM)	Material Classification
34	CB – C034	Concrete	Exterior - NE	8/8/13	BRL <0.062	Unregulated
35	CB – C035	Concrete	Exterior - NE	8/8/13	BRL <0.063	Unregulated
36	CB – C036	Concrete	Exterior - NE	8/8/13	BRL <0.059	Unregulated
37	CB – C037	Concrete	Exterior - NE	8/8/13	0.061	Unregulated
38	CB – C038	Concrete	Exterior - NE	8/8/13	BRL <0.060	Unregulated
39	CB-GC-A1	Asphalt	Exterior – CW	7/29/13	0.211	Unregulated
40	CB-GC-A2	Asphalt	Exterior – CW	7/29/13	BRL <0.060	Unregulated
41	CB-GC-A3	Asphalt	Exterior – CW	7/29/13	BRL <0.061	Unregulated
42	CB-GC-A4	Asphalt	Exterior – CW	7/29/13	BRL <0.066	Unregulated
43	CB-GC-A5	Asphalt	Exterior – CW	7/29/13	0.098	Unregulated
44	CB-GC-A6	Asphalt	Exterior – NW	7/30/13	BRL <0.057	Unregulated
45	CB-GC-A7	Asphalt	Exterior – NW	7/30/13	0.356	Unregulated
46	CB-GC-A8	Asphalt	Exterior – NW	7/30/13	0.409	Unregulated
47	CB-GC-A9	Asphalt	Exterior – NW	7/30/13	0.908	Unregulated
48	CB-A10	Asphalt	Exterior - CE	8/8/13	BRL <0.056	Unregulated
49	CB-A11	Asphalt	Exterior - CE	8/8/13	BRL <0.056	Unregulated
50	CB-A12	Asphalt	Exterior – N	8/8/13	0.270	Unregulated
51	CB-A13	Asphalt	Exterior – N	8/8/13	0.455	Unregulated
52	CB-A14	Asphalt	Exterior – N	8/8/13	0.286	Unregulated
53	CB-GC-S1	Soil	Exterior – CW	7/30/13	0.079	Unregulated
54	CB-GC-S2	Soil	Exterior – CW	7/30/13	0.026	Unregulated
55	CB-GC-S3	Soil	Exterior – CW	7/30/13	0.083	Unregulated
56	CB-S4	Soil	Exterior - CE	8/8/13	0.082	Unregulated
57	CB-S5	Soil	Exterior - CE	8/8/13	0.133	Unregulated
58	CB-S6	Soil	Exterior - CE	8/8/13	0.848	Unregulated
59	CB-S7	Soil	Exterior - CE	8/8/13	0.121	Unregulated
60	CB-S8	Soil	Exterior - CE	8/8/13	0.055	Unregulated

BRL< = Below Reportable Detection Limit

TABLE 10C SURFACE COVER SAMPLE ANALYTICAL RESULTS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT						
ID No.	**Sample ID**	**Sample Substrate**	**Sample Location**	**Date Collected**	**Total PCBs (PPM)**	**Material Classification**
IAB						
1	IB-C1	Concrete	Exterior - NW	8/12/13	BRL <0.062	Unregulated
2	IB-C2	Concrete	Exterior - NW	8/12/13	BRL <0.066	Unregulated
3	IB-C3	Concrete	Exterior - NW	8/12/13	BRL <0.064	Unregulated
4	IB-C4	Concrete	Exterior - NW	8/12/13	BRL <0.062	Unregulated
5	IB-C5	Concrete	Exterior - NW	8/12/13	BRL <0.065	Unregulated
6	IB-C6	Concrete	Exterior - NW	8/12/13	BRL <0.064	Unregulated
7	IB-C7	Concrete	Exterior - NW	8/12/13	BRL <0.068	Unregulated
8	IB-C8	Concrete	Exterior - NW	8/12/13	0.554	Unregulated
9	IB-C9	Concrete	Exterior - NW	8/12/13	BRL <0.067	Unregulated
10	IB-C10	Concrete	Exterior - NW	8/12/13	BRL <0.067	Unregulated
11	IB-C11	Concrete	Exterior - NW	8/12/13	0.069	Unregulated
12	IB-C12	Concrete	Exterior - NW	8/12/13	0.099	Unregulated
13	IB-C13	Concrete	Exterior - North central	8/12/13	BRL <0.064	Unregulated
14	IB-C14	Concrete	Exterior - North central	8/12/13	BRL <0.064	Unregulated
15	IB-C15	Concrete	Exterior - North central	8/12/13	0.066	Unregulated
16	IB-C16	Concrete	Exterior - North central	8/12/13	BRL <0.067	Unregulated
17	IB-C17	Concrete	Exterior - North central	8/12/13	BRL <0.066	Unregulated
18	IB-C18	Concrete	Exterior - North central	8/12/13	BRL <0.066	Unregulated
19	IB-C19	Concrete	Exterior - North central	8/12/13	BRL <0.065	Unregulated
20	IB-C20	Concrete	Exterior - North central	8/12/13	BRL <0.067	Unregulated
21	IB-C21	Concrete	Exterior - North central	8/12/13	BRL <0.066	Unregulated
22	IB-C22	Concrete	Exterior - North central	8/12/13	BRL <0.063	Unregulated
23	IB-C23	Concrete	Exterior - North central	8/12/13	BRL <0.066	Unregulated
24	IB-C24	Concrete	Exterior - North central	8/12/13	BRL <0.060	Unregulated
25	IB-C25	Concrete	Exterior - North central	8/12/13	BRL <0.062	Unregulated
26	IB-C26	Concrete	Exterior - North central	8/12/13	BRL <0.065	Unregulated
27	IB-C27	Concrete	Exterior - North central	8/12/13	0.091	Unregulated
28	IB-C28	Concrete	Exterior - North central	8/12/13	BRL <0.067	Unregulated
29	IB-C29	Concrete	Exterior - North central	8/12/13	BRL <0.060	Unregulated
30	IB-C30	Concrete	Exterior - North central	8/12/13	BRL <0.065	Unregulated
31	IB-C31	Concrete	Exterior - NE	8/12/13	BRL <0.062	Unregulated
32	IB-C32	Concrete	Exterior - NE	8/12/13	BRL <0.065	Unregulated
33	IB-C33	Concrete	Exterior - NE	8/12/13	BRL <0.066	Unregulated

TABLE 10C
SURFACE COVER SAMPLE ANALYTICAL RESULTS
BRADLEY INTERNATIONAL AIRPORT – TERMINAL B
IAB
WINDSOR LOCKS, CONNECTICUT

ID No.	Sample ID	Sample Substrate	Sample Location	Date Collected	Total PCBs (PPM)	Material Classification
34	IB-C34	Concrete	Exterior - NE	8/12/13	BRL <0.066	Unregulated
35	IB-C35	Concrete	Exterior - NE	8/12/13	BRL <0.062	Unregulated
36	IB-C36	Concrete	Exterior - NE	8/12/13	BRL <0.062	Unregulated
37	IB-C37	Concrete	Exterior - NE	8/12/13	BRL <0.060	Unregulated
38	IB-C38	Concrete	Exterior - NE	8/12/13	BRL <0.061	Unregulated
39	IB-C39	Concrete	East	8/13/13	BRL <0.061	Unregulated
40	IB-C40	Concrete	East	8/13/13	BRL <0.065	Unregulated
41	IB-C41	Concrete	Exterior - SE	8/13/13	BRL <0.064	Unregulated
42	IB-C42	Concrete	Exterior - SE	8/13/13	BRL <0.062	Unregulated
43	IB-C43	Concrete	Exterior - SE	8/13/13	BRL <0.060	Unregulated
44	IB-C44	Concrete	Exterior - SE	8/13/13	BRL <0.062	Unregulated
45	IB-C45	Concrete	Exterior - SE	8/13/13	BRL <0.063	Unregulated
46	IB-C46	Concrete	Exterior - SE	8/13/13	0.168	Unregulated
47	IB-C47	Concrete	Exterior - SE	8/13/13	0.137	Unregulated
48	IB-C48	Concrete	Exterior - SE	8/13/13	BRL <0.064	Unregulated
49	IB-C49	Concrete	South Central	8/13/13	BRL <0.064	Unregulated
50	IB-C50	Concrete	South Central	8/13/13	0.025	Unregulated
51	IB-C51	Concrete	South West	8/13/13	**1.792**	PCB Remediation Waste
52	IB-C52	Concrete	South West	8/13/13	0.569	Unregulated
53	IB-C53	Concrete	South West	8/13/13	BRL <0.053	Unregulated
54	IB-C54	Concrete	South West	8/13/13	BRL <0.06	Unregulated
55	IB-C55	Concrete	Exterior - SE	8/13/13	BRL <0.061	Unregulated
56	IB-C56	Concrete	Exterior - SE	8/13/13	BRL <0.057	Unregulated
57	IB-C57	Concrete	Exterior - SE	8/13/13	BRL <0.067	Unregulated
58	IB-C58	Concrete	Exterior - SE	8/13/13	BRL <0.054	Unregulated
59	IB-C59	Concrete	Exterior - SE	8/13/13	BRL <0.055	Unregulated
60	IB-C60	Concrete	Exterior - SE	8/13/13	BRL <0.053	Unregulated
61	IB-C61	Concrete	Exterior - SE	8/13/13	BRL <0.066	Unregulated
62	IB-C62	Concrete	Exterior - SE	8/13/13	BRL <0.065	Unregulated
63	IB-C54A	Concrete	Exterior – 1st floor outside entry 1	8/29/13	BRL <0.059	Unregulated
64	IB-C55A	Concrete	Exterior – 1st floor outside entry 1	8/29/13	BRL <0.059	Unregulated

TABLE 10C
SURFACE COVER SAMPLE ANALYTICAL RESULTS
BRADLEY INTERNATIONAL AIRPORT – TERMINAL B
IAB
WINDSOR LOCKS, CONNECTICUT

ID No.	Sample ID	Sample Substrate	Sample Location	Date Collected	Total PCBs (PPM)	Material Classification
65	IB-C56A	Concrete	Exterior – 1st floor outside entry 2	8/29/13	BRL <0.060	Unregulated
66	IB-C57A	Concrete	Exterior – 1st floor outside entry 2	8/29/13	BRL <0.054	Unregulated
67	IB-A1	Asphalt	Exterior – North Central	8/13/13	0.196	Unregulated
68	IB-A2	Asphalt	Exterior – North Central	8/13/13	0.152	Unregulated
69	IB-A3	Asphalt	Exterior – North Central	8/12/13	0.148	Unregulated
70	IB-A4	Asphalt	Exterior – North Central	8/12/13	0.247	Unregulated
71	IB-A5	Asphalt	Exterior – North Central	8/12/13	0.372	Unregulated
72	IB-A6	Asphalt	Exterior - NE	8/12/13	0.244	Unregulated
73	IB-A7	Asphalt	Exterior - NE	8/12/13	0.208	Unregulated
74	IB-A8	Asphalt	Exterior - NE	8/12/13	0.158	Unregulated
75	IB-A9	Asphalt	Exterior - NE	8/12/13	0.129	Unregulated
76	IB-A10	Asphalt	Exterior - NE	8/12/13	0.062	Unregulated
77	IB-A11	Asphalt	Exterior - NE	8/12/13	**91.9**	PCB Remediation Waste
78	IB-A12	Asphalt	Exterior – East 4' out	8/13/13	0.070	Unregulated
79	IB-A13	Asphalt	Exterior – East 4' out	8/13/13	0.085	Unregulated
80	IB-A14	Asphalt	Exterior – East 4' out	8/13/13	BRL <0.053	Unregulated
81	IB-A15	Asphalt	Exterior – East 4' out	8/13/13	BRL <0.062	Unregulated
82	IB-A16	Asphalt	Exterior – East 4' out	8/13/13	0.068	Unregulated
83	IB-A17	Asphalt	Exterior – East 7' out	8/13/13	0.075	Unregulated
84	IB-A18	Asphalt	Exterior – East 7' out	8/13/13	0.090	Unregulated
85	IB-A19	Asphalt	Exterior – East 7' out	8/13/13	BRL <0.054	Unregulated
86	IB-A20	Asphalt	Exterior – East 7' out	8/13/13	0.060	Unregulated
87	IB-A21	Asphalt	Exterior – East 7' out	8/13/13	BRL <0.053	Unregulated
88	IB-GR1	Grout	Exterior - SW	8/16/13	BRL <0.068	Unregulated
89	IB-GR2	Grout	Exterior - SW	8/16/13	BRL <0.063	Unregulated
90	IB-GR3	Grout	Exterior - SW	8/16/13	BRL <0.064	Unregulated
91	IB-GR4	Grout	Exterior - SW	8/16/13	BRL <0.056	Unregulated
92	IB-GR5	Grout	Exterior - SC	8/16/13	BRL <0.055	Unregulated
93	IB-GR6	Grout	Exterior - SC	8/16/13	BRL <0.065	Unregulated
94	IB-GR7	Grout	Exterior - SC	8/16/13	BRL <0.068	Unregulated
95	IB-GR8	Grout	Exterior - SC	8/16/13	BRL <0.069	Unregulated

TABLE 10C SURFACE COVER SAMPLE ANALYTICAL RESULTS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT						
ID No.	**Sample ID**	**Sample Substrate**	**Sample Location**	**Date Collected**	**Total PCBs (PPM)**	**Material Classification**
96	IB-GR9	Grout	Exterior - SC	8/16/13	BRL <0.058	Unregulated
97	IB-GR10	Grout	Exterior - SC	8/16/13	BRL <0.06	Unregulated
98	IB-GR14	Grout	Exterior - SW	8/16/13	BRL <0.063	Unregulated
99	IB-GR13	Grout	Exterior - SW	8/16/13	BRL <0.059	Unregulated
100	IB-GR12	Grout	Exterior - SW	8/16/13	BRL <0.059	Unregulated
101	IB-GR11	Grout	Exterior - SW	8/16/13	BRL <0.056	Unregulated

BRL< = Below Reportable Detection Limit

TABLE 10D SURFACE COVER SAMPLE ANALYTICAL RESULTS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT						
ID No.	**Sample ID**	**Sample Substrate**	**Sample Location**	**Date Collected**	**Total PCBs (PPM)**	**Material Classification**
MURPHY TERMINAL						
1	MT-C1	Concrete	Exterior basement – loading dock	8/28/13	0.178	Unregulated
2	MT-C2	Concrete	Exterior basement – loading dock	8/28/13	BRL<0.061	Unregulated
3	MT-C3	Concrete	Exterior basement – public side	8/28/13	BRL <0.063	Unregulated
4	MT-C4	Concrete	Exterior basement – public side	8/28/13	BRL <0.065	Unregulated
5	MT-C5	Concrete	Exterior public side – ground west	8/29/13	BRL <0.062	Unregulated
6	MT-C6	Concrete	Exterior public side – ground west	8/29/13	BRL <0.065	Unregulated
7	MT-C7	Concrete	Exterior public side – ground west	8/29/13	BRL <0.066	Unregulated
8	MT-C8	Concrete	Exterior public side – ground west	8/29/13	BRL <0.060	Unregulated
9	MT-C9	Concrete	Exterior airside – ground west	8/29/13	BRL <0.064	Unregulated
10	MT-C10	Concrete	Exterior public side – 1st floor	8/29/13	BRL <0.070	Unregulated
11	MT-C11	Concrete	Exterior public side – 1st floor	8/29/13	BRL <0.061	Unregulated
12	MT-C12	Concrete	Exterior public side – 1st floor	8/29/13	BRL <0.065	Unregulated
13	MT-C13	Concrete	Exterior public side – 1st floor	8/29/13	BRL <0.061	Unregulated
14	MT-C14	Concrete	Exterior public side – 1st floor	8/29/13	BRL <0.063	Unregulated
15	MT-C15	Concrete	Exterior public side – 1st floor	8/29/13	BRL <0.065	Unregulated
16	MT-C16	Concrete	Exterior public side – 1st floor	8/29/13	BRL <0.066	Unregulated
17	MT-C17	Concrete	Exterior public side – 1st floor	8/29/13	BRL <0.055	Unregulated
18	MT-C18	Concrete	Exterior public side – 1st floor	8/29/13	BRL <0.063	Unregulated

TABLE 10D SURFACE COVER SAMPLE ANALYTICAL RESULTS BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT						
ID No.	**Sample ID**	**Sample Substrate**	**Sample Location**	**Date Collected**	**Total PCBs (PPM)**	**Material Classification**
19	MT-C19	Concrete	Exterior air side – ground east	8/29/13	BRL <0.063	Unregulated
20	MT-C20	Concrete	Exterior air side – ground center	8/29/13	BRL<0.062	Unregulated
21	MT-A1	Asphalt	Exterior basement – public side	8/28/13	BRL <0.065	Unregulated
22	MT-A2	Asphalt	Exterior basement – public side	8/28/13	BRL <0.061	Unregulated
23	MT-A3	Asphalt	Exterior basement – public side	8/29/13	BRL <0.063	Unregulated
24	MT-A4	Asphalt	Exterior basement – public side	8/29/13	BRL <0.065	Unregulated
25	MT-A5	Asphalt	Exterior basement – public side	8/29/13	BRL <0.061	Unregulated
26	MT-A6	Asphalt	Exterior basement – public side	8/29/13	BRL <0.065	Unregulated
27	MT-A7	Asphalt	Exterior ground – West - public	8/29/13	BRL <0.058	Unregulated
28	MT-A8	Asphalt	Exterior ground – West - public	8/29/13	BRL <0.061	Unregulated
29	MT-A9	Asphalt	Exterior public side – ground around overpass	8/29/13	BRL <0.329	Unregulated
30	MT-A10	Asphalt	Exterior public side – ground around overpass	8/29/13	0.139	Unregulated
31	MT-A11	Asphalt	Exterior public side – ground around overpass	8/29/13	BRL <0.061	Unregulated

BRL< = Below Reportable Detection Limit

TABLE 11A IDENTIFIED PCB IMPACTED SUBSTRATES AND SOIL BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE A WINDSOR LOCKS, CONNECTICUT					
Material	**Associated caulks or glazes** **EPA/ CTDEEP**	**Sample Date (mo/yr)**	**General Location of Substrate/Soil Impact**	**Estimated Quantity**	**CTDEEP or EPA Regulated**
CONCOURSE A					
PCB IMPACTED MATERIALS – GROUND COVER (>1.0 ppm)					
All ground cover samples (ID #1-62) were <1.0 ppm. There is no ground cover impact around Concourse A.					
PCB IMPACTED MATERIALS – SUBSTRATES (>1.0 ppm)					
ID #1-13 All adjoining CMU	CC1 EPA	Sampled 8/13 & 9/13	Throughout ground floor along exterior walls of original structure on columns & door frame of electrical 94. *(361 LF of caulk)*	~108 CY	EPA – Bulk Product Waste*
All porous substrate samples (ID #17-33) taken adjacent to remaining EPA regulated caulks (WCa & C12) were <1.0 ppm. These caulks have no impact on the adjacent porous substrates.					
All porous substrate samples (ID #34-36) taken adjacent to CTDEEP regulated caulks were <1.0 ppm. There is no impact on the adjacent porous substrates.					

*EPA PCB impacted substrates characterized as Bulk Product Waste under EPA Waste Disposal Interpretation October 24, 2012.

TABLE 11B IDENTIFIED PCB IMPACTED SUBSTRATES AND SOIL BRADLEY INTERNATIONAL AIRPORT – TERMINAL B CONCOURSE B WINDSOR LOCKS, CONNECTICUT					
Material	**Associated caulks or glazes** **EPA/ CTDEEP**	**Sample Date (mo/yr)**	**General Location of Substrate/Soil Impact**	**Estimated Quantity**	**CTDEEP or EPA Regulated**
CONCOURSE B					
PCB IMPACTED MATERIALS – GROUND COVER (>1.0 ppm)					
All ground cover samples (ID #1-60) were <1.0 ppm. There is no ground cover impact around Concourse B.					
PCB IMPACTED MATERIALS – SUBSTRATES (>1.0 ppm)					
ID #1-16 All adjoining CMU	CC1 EPA	Sampled 9/13	Throughout concourse along exterior walls on columns. *(461 LF of caulk)*	~120 CY	EPA – Bulk Product Waste*
ID#30-35 0", 3" & 6" plaster skimcoat	CC1 EPA	Sampled 8/13 & 9/13	Covering CMU on exterior wall of room 147 *(elevated results due to close proximity to CC1)*	(included with CMU total above)	EPA – Bulk Product Waste*
ID#36-41 0" & 3" CMU	C2 CTDEEP	Sampled 8/13 & 9/13	Throughout areas where CC1 impacts CMU on interior of windows, doors & vents *(elevated results due to close proximity to CC1)*	(included with CMU total above)	EPA – Bulk Product Waste*
ID#17-19 0" & 3" Concrete	C4, C2 EPA/ CTDEEP	Sampled 8/13 & 9/13	On the exterior side/top of the window on all W4 window systems and 2 windows on east end of concourse *(198 LF of caulk)*	2 CY	EPA – Bulk Product Waste*
ID#20-29 0" Brick	C4, C8	Sampled 7/13 & 8/13	C4 – on the exterior sides of all W1 & W4 windows *(350 LF of caulk)*	1.2 CY	EPA – Bulk Product Waste*
	EPA		C8- on the exterior sides of lower slate panels on W4 window systems *(110 LF of caulk)*	0.4 CY	
All porous substrate samples (ID #42-54) taken adjacent to CTDEEP regulated caulks (C2, C3, C5, C6, C10 & C11) were <1.0 ppm**. There is no impact on the adjacent porous substrates (CMU, concrete, brick, sheetrock).					

*EPA PCB impacted substrates characterized as Bulk Product Waste under EPA Waste Disposal Interpretation October 24, 2012.

** This does not include locations where EPA & CTDEEP caulks are in the same locations.

TABLE 11C IDENTIFIED PCB IMPACTED SUBSTRATES AND SOIL BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT					
Material	**Associated caulks or glazes** **EPA/ CTDEEP**	**Sample Date (mo/yr)**	**General Location of Substrate/Soil Impact**	**Estimated Quantity**	**CTDEEP or EPA Regulated**
IAB					
PCB IMPACTED MATERIALS – GROUND COVER (>1.0 ppm)					
ID #51 (IB-C51) Concrete	C4B EPA	Sampled 8/13	Ground floor – exterior – outside entry to Baggage claim 4 (12" off joint along wall)	2 CY	EPA – PCB Remediation Waste
ID #77 (IB-A11) Asphalt	WG1 & C2 EPA	Sampled 8/13	Ground floor – exterior – outside Bay 1	2 CY	EPA – PCB Remediation Waste
PCB IMPACTED MATERIALS – SUBSTRATES (>1.0 ppm)					
ID #1-16 0" Concrete	C2 & C4B	Sampled 8/13	C2 - Throughout the interior & exterior of the building on floor joints ,wall joints, columns, windows, etc. *(6,938 LF of caulk)*	66 CY	EPA – Bulk Product Waste*
	EPA		C4B – ground floor – exterior - outside window on entry to Baggage Claim 4 *(15 LF of caulk)*	0.2 CY	
ID #35-41 0" & 3" small stone/grout over concrete	C2 EPA	Sampled 8/13 & 9/13	Exterior airside & public side on joints/around window frames next to large columns *(700 LF of caulk)*	4.4 CY	EPA – Bulk Product Waste*
ID #48-53 0", 3" & 6" CMU block	C2 EPA	Sampled 8/13	Ground floor – Bay 1 *(80 LF of caulk)*	2 CY	EPA – Bulk Product Waste*

TABLE 11C IDENTIFIED PCB IMPACTED SUBSTRATES AND SOIL BRADLEY INTERNATIONAL AIRPORT – TERMINAL B IAB WINDSOR LOCKS, CONNECTICUT					
Material	**Associated caulks or glazes** **EPA/ CTDEEP**	**Sample Date (mo/yr)**	**General Location of Substrate/Soil Impact**	**Estimated Quantity**	**CTDEEP or EPA Regulated**
IAB					
ID #56-61, 64,65 0", 3", 6" & 12" Brick	C2 & C4B	Sampled 8/13 & 9/13	C2-1st floor exterior – corner joints of building *(50 LF of caulk)*	1 CY	EPA – Bulk Product Waste*
	EPA		C4B- Ground floor – various components on the interior/exterior of ground floor *(220 LF of caulk)*	6 CY	
ID #66 &67 0" grout between non-porous tiles	C2	Sampled 8/13	Ground floor – floor joints in TSA area 1st floor – floor joints throughout *(123 LF on grout/1,472 LF on tile/grout)*	0.2 CY or 2.3 CY	EPA – Bulk Product Waste*
	EPA				
All porous substrate samples (ID #70-80) taken adjacent to CTDEEP regulated caulks were <1.0 ppm. There is no impact on the adjacent porous substrates.					

*EPA PCB impacted substrates characterized as Bulk Product Waste under EPA Waste Disposal Interpretation October 24, 2012.

TABLE 11D IDENTIFIED PCB IMPACTED SUBSTRATES AND SOIL BRADLEY INTERNATIONAL AIRPORT – TERMINAL B MURPHY TERMINAL WINDSOR LOCKS, CONNECTICUT					
Material	**Associated caulks or glazes** **EPA/ CTDEEP**	**Sample Date (mo/yr)**	**General Location of Substrate/Soil Impact**	**Estimated Quantity**	**CTDEEP or EPA Regulated**
Murphy Terminal					
PCB IMPACTED MATERIALS – SOIL (>1.0 ppm)					
All ground cover samples (ID #1-31) were <1.0 ppm. There is no ground cover impact around the Murphy Terminal.					
PCB IMPACTED MATERIALS – SUBSTRATES (>1.0 ppm)					
All porous substrate samples (ID #1-27) taken adjacent to CTDEEP regulated caulks were <1.0 ppm. There is no impact on the adjacent porous substrates.					
EPA caulks or glazes were only adjacent to non-porous substrates, such as metal or glass. No porous substrates were sampled. *					

* This does not include EPA caulks and substrates which were originally sampled in Concourse A or IAB and then later found to be in the Murphy Terminal as well.

APPENDIX A
AERIAL PHOTO

TRC
21 Griffin Road North
Windsor, CT
Phone: 860.298.9692

CONNDOT - BRADLEY INTERNATIONAL AIRPORT
TERMINAL B - WINDSOR, CT

FIGURE 1
SITE LOCATION MAP

DATE: 10/2013	PROJECT NO.183572.4445.0720

APPENDIX B

TRC INSPECTORS LICENSES/CERTIFICATIONS

0002498 FP **PRSRT T9 0 1164 06095
GREGORY A. KACZYNSKI
TRC ENVIRONMENTAL CORP.
21 GRIFFIN ROAD NORTH
WINDSOR CT 06095

Dear Licensed/Certified Professional,
Attached you will find your validated license/certification for the coming year. Should you have any questions about your license/certificate renewal, please do not hesitate to write or call:

Department of Public Health **(860) 509-7603**
P.O. Box 340308
M.S.#12MQA **http://www.dph.state.ct.us**
Hartford, CT 06134-0308

Sincerely,

JEWEL MULLEN, MD, MPH, MPA, COMMISSIONER
DEPARTMENT OF PUBLIC HEALTH

INSTRUCTIONS:

1. Detach and sign each of the cards on this form.
2. Display the large card in a prominent place in your office or place of business.
3. The wallet card is for you to carry on your person. If you do not wish to carry the wallet card, place it in a secure place.
4. The employer's copy is for persons who must demonstrate current licensure/certification in order to retain employment or privileges. The employer's card is to be presented to the employer and kept by them as a part of your personnel file. Only one copy of this card can be supplied to you.

EMPLOYER'S COPY

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME
GREGORY A. KACZYNSKI

VALIDATION NO. 03-434009
LICENSE NO. 000550
CURRENT THROUGH 07/31/13

PROFESSION
ASBESTOS CONSULTANT-INSPECTOR

SIGNATURE
COMMISSIONER

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS LICENSED
BY THIS DEPARTMENT AS A

ASBESTOS CONSULTANT-INSPECTOR

GREGORY A. KACZYNSKI

LICENSE NO.
000550
CURRENT THROUGH
07/31/13
VALIDATION NO.
03-434009

SIGNATURE
COMMISSIONER

CERTIFICATE OF ACHIEVEMENT

This certifies that

Gregory Kaczynski

has successfully completed the

Asbestos Site Inspector Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Gregory J. Morach
Principal Instructor

July 19, 2012
Date of Course

July 19, 2013
Expiration Date

Gregory J. Morach
Regional Manager

SIAR - 4268
Certificate Number

July 19, 2012
Examination Date

0002296 FP **PRSRT T8 0 1164 06096

GREGORY A. KACZYNSKI
TRC ENVIRONMENTAL CORP.
21 GRIFFIN ROAD NORTH
WINDSOR CT 06095

Dear Licensed/Certified Professional,

Attached you will find your validated license/certification for the coming year. Should you have any questions about your license/certificate renewal, please do not hesitate to write or call:

Department of Public Health (860) 509-7603
P.O. Box 340308
M.S.#12MQA http://www.dph.state.ct.us
Hartford, CT 06134-0308

Sincerely,

JEWEL MULLEN, MD, MPH, MPA, COMMISSIONER
DEPARTMENT OF PUBLIC HEALTH

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EMPLOYER'S COPY

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME
GREGORY A. KACZYNSKI

VALIDATION NO. 03-625345
LICENSE NO. 000550
CURRENT THROUGH 07/31/14

PROFESSION
ASBESTOS CONSULTANT-INSPECTOR

SIGNATURE COMMISSIONER

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS LICENSED
BY THIS DEPARTMENT AS A

ASBESTOS CONSULTANT-INSPECTOR

GREGORY A. KACZYNSKI

LICENSE NO.
000550
CURRENT THROUGH
07/31/14
VALIDATION NO.
03-625345

SIGNATURE COMMISSIONER

CERTIFICATE OF ACHIEVEMENT

This certifies that

Greg Kaczynski

has successfully completed the

Asbestos Site Inspector Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by

Cardno ATC
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Marc Santos

Principal Instructor

July 18, 2013

Date of Course

July 18, 2014

Expiration Date

Gregory J. Morach

Regional Manager

SIAR-4621

Certificate Number

July 18, 2013

Examination Date

Dear Licensed/Certified Professional,

Attached you will find your validated license/certification for the coming year. Should you have any questions about your license/certificate renewal, please do not hesitate to write or call:

Department of Public Health **(860) 509-7603**
P.O. Box 340308
M.S.#12MQA **http://www.dph.state.ct.us**
Hartford, CT 06134-0308

Sincerely,

JEWEL MULLEN, MD, MPH, MPA, COMMISSIONER
DEPARTMENT OF PUBLIC HEALTH

0002600 FP **PRSRT T9 0 1164 06095
GREGORY A. KACZYNSKI
TRC ENVIRONMENTAL CORP.
21 GRIFFIN ROAD NORTH
WINDSOR CT 06095

INSTRUCTIONS:

1. Detach and sign each of the cards on this form.
2. Display the large card in a prominent place in your office or place of business.
3. The wallet card is for you to carry on your person. If you do not wish to carry the wallet card, place it in a secure place.
4. The employer's copy [illegible] demonstrate current [illegible] to retain employee [illegible] card is not presented [illegible] them to a court of law [illegible] of this card can be supplied [illegible]

EMPLOYER'S COPY

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME
GREGORY A. KACZYNSKI

VALIDATION NO.	CERTIFICATION NO.	CURRENT THROUGH
03-434011	002158	07/31/13

PROFESSION
LEAD INSPECTOR RISK ASSESSOR

COMMISSIONER

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS CERTIFIED
BY THIS DEPARTMENT AS A

LEAD INSPECTOR RISK ASSESSOR

GREGORY A. KACZYNSKI

CERTIFICATION NO.
002158
CURRENT THROUGH
07/31/13
VALIDATION NO.
03-434011

SIGNATURE

COMMISSIONER

0002294 FP **PRSRT T8 0 1164 06095
GREGORY A. KACZYNSKI
TRC ENVIRONMENTAL CORP.
21 GRIFFIN ROAD NORTH
WINDSOR CT 06095

Dear Licensed/Certified Professional,

Attached you will find your validated license/certification for the coming year. Should you have any questions about your license/certificate renewal, please do not hesitate to write or call:

Department of Public Health (860) 509-7603
P.O. Box 340308
M.S.#12MQA http://www.dph.state.ct.us
Hartford, CT 06134-0308

Sincerely,

JEWEL MULLEN, MD, MPH, MPA, COMMISSIONER
DEPARTMENT OF PUBLIC HEALTH

INSTRUCTIONS:

1. Detach and sign each of the cards on this form.
2. Display the large card in a prominent place in your office or place of business.
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4. The employer's copy is for persons who must demonstrate current licensure/certification in order to retain employment or privileges. The employer's card is to be presented to the employer and kept by them as a part of your personnel file. Only one copy of this card can be supplied to you.

EMPLOYER'S COPY

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME
GREGORY A. KACZYNSKI

VALIDATION NO. 03-625344
CERTIFICATION NO. 002158
CURRENT THROUGH 07/31/14

PROFESSION
LEAD INSPECTOR RISK ASSESSOR

SIGNATURE COMMISSIONER

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS CERTIFIED
BY THIS DEPARTMENT AS A

LEAD INSPECTOR RISK ASSESSOR

CERTIFICATION NO.
002158
CURRENT THROUGH
07/31/14
VALIDATION NO.
03-625344

GREGORY A. KACZYNSKI

SIGNATURE COMMISSIONER

CERTIFICATE OF ACHIEVEMENT

This certifies that

Gregory Kaczynski
21 Lake Drive, Harwinton, CT 06791
000-00-9922

has successfully completed the

INSPECTOR RISK ASSESSOR REFRESHER

Training Course
conducted by
ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

October 6, 2011
Date of Course

October 6, 2012
Exam Date

CTLIRAR-302
Certificate Number

October 6, 2012
Expiration Date

Training Manager

Training received complies with the requirements of the Connecticut Department of Public Health pursuant to Section 2 477 of the Connecticut General Statutes.

CERTIFICATE OF ACHIEVEMENT

This certifies that

Gregory Kaczynski
21 Lake Drive, Harwinton, CT 06791
000-00-9922

has successfully completed the

INSPECTOR RISK ASSESSOR REFRESHER

Training Course
conducted by
Cardno ATC
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

October 4, 2012
Date of Course

October 4, 2012
Exam Date

CTLIRAR-332
Certificate Number

October 4, 2013
Expiration Date

Training Manager

Training received complies with the requirements of the Connecticut Department of Public Health pursuant to Section 2 477 of the Connecticut General Statutes.

skillsoft
Compliance Solutions

This is to certify that:

Gregory Kaczynski
TRAINEE

has successfully completed a web-based training course titled:

Hazwoper Refresher 2011
COURSE TITLE

This is to certify that according to Skillsoft Compliance Solutions' records, the learner has completed the course. By signing this certificate, the learner and/or authorized individual attests that the individual identified as the learner is actually the individual who completed the final exam or knowledge feedbacks without assistance. Additional demonstration of skills and/or on-the-job training may be required by some regulations and are beyond the scope of this course.

TRAINEE

3439531
CERTIFICATE NUMBER

AND/OR AUTHORIZED INDIVIDUAL

ISSUED THIS 4 DAY OF December, 2011

TRC Academy

This is to certify that:

Gregory Kaczynski

TRAINEE

has successfully completed the following course:

HAZWOPER 8 Hr. OSHA Refresher

COURSE TITLE

According to the TRC Academy records, the trainee has completed the above-titled course. By signature, the trainee and/or authorized individual attests that the individual identified as the trainee completed all requirements of the course without assistance. An authorized signature is not required for any course taken through The TRC Academy. Course completion is tracked electronically, therefore an additional signature is not necessary. Additional demonstration of skills or on the job training may be required by some regulations and are beyond the scope of this course. In such cases, trainees will be notified of the additional requirements.

LEARNER

4231283

CERTIFICATE NUMBER

AND/OR AUTHORIZED INDIVIDUAL

ISSUED THIS 9 DAY OF 2, 2013

INSTRUCTIONS:

1. Sign each of the [illegible]
2. Display the [illegible]
3. The wallet card [illegible] the wallet card, place it in a secure place.

4. The employer's copy [illegible] employment [illegible] of this card can be [illegible]

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS LICENSED BY THIS DEPARTMENT AS A

ASBESTOS CONSULTANT-INSPECTOR

THOMAS J. MARTIN

LICENSE NO.
000014
CURRENT THROUGH
02/28/13
VALIDATION NO.
03-374569

SIGNATURE

COMMISSIONER

EMPLOYER'S COPY
STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
NAME
THOMAS J. MARTIN

VALIDATION NO.	LICENSE NO.	CURRENT THROUGH
03-374569	000014	02/28/13

PROFESSION
ASBESTOS CONSULTANT-INSPECTOR

SIGNATURE

COMMISSIONER

WALLET CARD
STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
NAME
THOMAS J. MARTIN

VALIDATION NO.	LICENSE NO.	CURRENT THROUGH
03-374569	000014	02/28/13

PROFESSION
ASBESTOS CONSULTANT-INSPECTOR

SIGNATURE

COMMISSIONER

CERTIFICATE OF ACHIEVEMENT

This certifies that

Tom Martin

has successfully completed the

Asbestos Site Inspector Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

Official record of successful completion of this course is he DOH 2832 cert. issued on February 2, 2012.

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

February 2, 2012
Date of Course

February 2, 2013
Expiration Date

Gregory J. Morsch
Regional Manager

SIAR - 4103
Certificate Number

February 2, 2012
Examination Date

State of Connecticut Online Enterprise Site

State of Connecticut

Lookup Detail View

Name

Name
THOMAS J MARTIN

License Information
lookup

License Type	License Number	Expiration Date	Granted Date	License Name	License Status	Licensure Actions or Pending Charges
Asbestos Consultant-Inspector	14	02/28/2014	09/16/1994	THOMAS J. MARTIN	ACTIVE	None

Generated on: 10/10/2013 10:20:03 AM

CERTIFICATE OF ACHIEVEMENT

This certifies that

Tom Martin

has successfully completed the

Asbestos Site Inspector Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by

Cardno ATC
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Official record of successful completion of this course is the DOH 2832 cert. issued on February 7, 2013.

Principal Instructor

February 7, 2013
Date of Course

February 7, 2014
Expiration Date

Gregory J. Morsch
Regional Manager

SIAR - 4458
Certificate Number

February 7, 2013
Examination Date

INSTRUCTIONS

1. Detach and sign each of the cards on this form.
2. Display the large card in your business place in your office as shown. If both are
3. Give the other card to any employee you hire. If you do not have to display
the wallet card, place it in a safe place.

4. The employee's copy is for persons who must demonstrate current licensure/certification in order to obtain employment or continue. The employee must be identified in the employer's records. Then, as a part of your personnel file, their card may, at this point, be signed and kept.

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS CERTIFIED
BY THIS DEPARTMENT AS A

LEAD INSPECTOR

THOMAS J. MARTIN

CERTIFICATION NO.
002079
CURRENT THROUGH
02/28/13
VALIDATION NO.
03-374572

SIGNATURE

COMMISSIONER

EMPLOYER'S COPY

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME
THOMAS J. MARTIN

VALIDATION NO.
03-374572

CERTIFICATION NO.
002079

CURRENT THROUGH
02/28/13

PROFESSION
LEAD INSPECTOR

SIGNATURE

COMMISSIONER

WALLET CARD

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME
THOMAS J. MARTIN

VALIDATION NO.
03-374572

CERTIFICATION NO.
002079

CURRENT THROUGH
02/28/13

PROFESSION
LEAD INSPECTOR

SIGNATURE

COMMISSIONER

Certificate of Training

Awarded to

THOMAS MARTIN

21 GRIFFIN ROAD NORTH, WINDSOR, CT 06095

has successfully completed a 7 hour, 1 day

Lead Inspector Refresher Training

JANUARY 11, 2012

This training course was approved and given in accordance with the Department of Health Standards established pursuant to Section 20-477 of the Connecticut General Statutes

Presented by

Mystic Air Quality Consultants, Inc.

1204 North Road, Groton, CT 06340 (800) 247-7746

Certificate Number: LITR20667 **Exam Grade:** 97 **Expiration Date:** 01/11/2013

Exam Date: 01/11/2012

Christopher J. Eident, CIH, CSP, RS

George Williamson, Training Director

Richard Haffey, Training Director

0004421 FP **PRSRT T5 0 0664 06279

THOMAS J. MARTIN
16 OLD RIVER ROAD
WILLINGTON CT 06279

Dear Licensed/Certified Professional,

Attached you will find your validated license/certification for the coming year. Should you have any questions about your license/certificate renewal, please do not hesitate to write or call:

Department of Public Health (860) 509-7603
P.O. Box 340308
M.S.#12MQA http://www.dph.state.ct.us
Hartford, CT 06134-0308

Sincerely,

JEWEL MULLEN, MD, MPH, MPA, COMMISSIONER
DEPARTMENT OF PUBLIC HEALTH

INSTRUCTIONS:

1. Detach and sign each of the cards on this form.
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STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS CERTIFIED BY THIS DEPARTMENT AS A
LEAD INSPECTOR

THOMAS J. MARTIN

CERTIFICATION NO. 002079
CURRENT THROUGH 02/28/14
VALIDATION NO. 03-538298

SIGNATURE COMMISSIONER

EMPLOYER'S COPY

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME
THOMAS J. MARTIN

VALIDATION NO.	CERTIFICATION NO.	CURRENT THROUGH
03-538298	002079	02/28/14

PROFESSION
LEAD INSPECTOR

SIGNATURE COMMISSIONER

Certificate of Training

Awarded to

THOMAS MARTIN

21 GRIFFIN ROAD NORTH, WINDSOR, CT 06095

has successfully completed a 7 hour, 1 day

Lead Inspector Refresher Training

January 9, 2013

This training course was approved and given in accordance with the Department of Health Standards established pursuant to Section 20-477 of the Connecticut General Statutes

Presented by

Mystic Air Quality Consultants, Inc.

1204 North Road, Groton, CT 06340 (800) 247-7746

Certificate Number: LITR21840 **Exam Grade: 100** **Expiration Date: 01/09/2014**

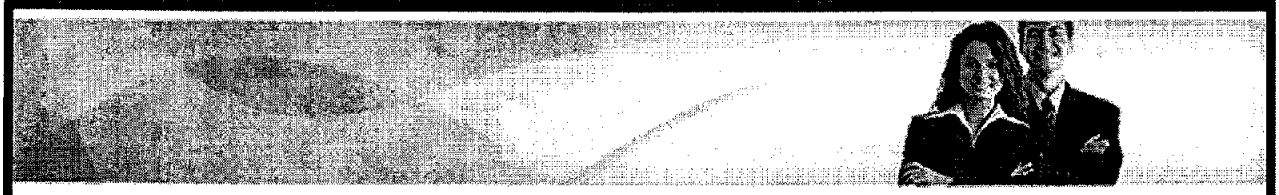
Exam Date: 01/09/2013

Christopher J. Eident, CIH, CSP, RS

George Williamson, Training Director

Richard Haffey, Training Director

TRC Academy



This is to certify that:

Thomas Martin

TRAINEE

has successfully completed the following course:

HAZWOPER 8 Hour Refresher - SA

COURSE TITLE

According to the TRC Academy records, the trainee has completed the above-titled course. By signature, the trainee and/or authorized individual attests that the individual identified as the trainee completed all requirements of the course without assistance. An authorized signature is not required for any course taken through The TRC Academy. Course completion is tracked electronically, therefore an additional signature is not necessary. Additional demonstration of skills or on the job training may be required by some regulations and are beyond the scope of this course. In such cases, trainees will be notified of the additional requirements.

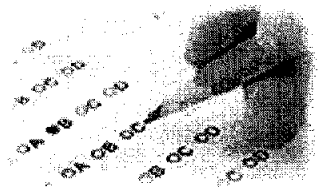
LEARNER

1503465

CERTIFICATE NUMBER

AND/OR AUTHORIZED INDIVIDUAL

ISSUED THIS 24 DAY OF 9, 2012



INSTRUCTIONS:

1. Detach and sign each of the cards on this form.
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3. The wallet card is for you to carry on your person. If you do not wish to carry the wallet card, place it in a secure place.
4. The employer's copy is for persons who must demonstrate current licensure/certification in order to retain employment or privileges. The employer's card is to be presented to the employer and kept by them as a part of your personnel file. Only one copy of this card can be supplied to you.

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS LICENSED
BY THIS DEPARTMENT AS A

ASBESTOS CONSULTANT - INSPECTOR

LICENSE NO.
000792
CURRENT THROUGH
02/28/13
VALIDATION NO.
03-346368

ROBERT J MISBACH

SIGNATURE

COMMISSIONER

EMPLOYER'S COPY

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME
ROBERT J MISBACH

VALIDATION NO.	LICENSE NO.	CURRENT THROUGH
03-346368	000792	02/28/13

PROFESSION
ASBESTOS CONSULTANT-INSPECTOR

SIGNATURE

COMMISSIONER

CERTIFICATE OF ACHIEVEMENT

This certifies that

Robert Misbach

has successfully completed the

Asbestos Site Inspector Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Gregory J. Morsch
Principal Instructor

February 23, 2012
Date of Course

February 23, 2013
Expiration Date

Gregory J. Morsch
Regional Manager

SIAR - 4111
Certificate Number

February 23, 2012
Examination Date

INSTRUCTIONS:

1. Detach and sign each of the cards on this form.
2. Display the large card in a prominent place in your office or place of business.
3. The wallet card is for you to carry on your person. If you do not wish to carry the wallet card, place it in a secure place.
4. The employer's copy – for persons who need to demonstrate current licensure validation in order to retain employment or privileges. The employer's card is to be presented to the employee and kept by them as a part of your personnel file. Only one copy of this card can be supplied to you.

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS CERTIFIED BY THIS DEPARTMENT AS A

LEAD INSPECTOR

CERTIFICATION NO.
002188

CURRENT THROUGH
02/28/13

VALIDATION NO.
03-346367

ROBERT J MISBACH

SIGNATURE

COMMISSIONER

EMPLOYER'S COPY

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME
ROBERT J MISBACH

VALIDATION NO.	CERTIFICATION NO.	CURRENT THROUGH
03-346367	002188	02/28/13

PROFESSION
LEAD INSPECTOR

SIGNATURE

COMMISSIONER

CERTIFICATE OF ACHIEVEMENT

This certifies that

Robert Misbach

28 Elliot Drive, Colchester, CT 06415

has successfully completed the

INSPECTOR RISK ASSESSOR REFRESHER

Training Course
conducted by
ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

Training Manager

February 2, 2012
Date of Course

February 2, 2012
Exam Date

CTLIRAR-319
Certificate Number

February 2, 2013
Expiration Date

Training received complies with the requirements of the Connecticut Department of Public Health pursuant to Section 20-[illegible] 477 of the Connecticut General Statutes.

skillsoft
Compliance Solutions

This is to certify that:

Robert Misbach
TRAINEE

has successfully completed a web-based training course titled:

Hazwoper Refresher 2011
COURSE TITLE

This is to certify that according to Skillsoft Compliance Solutions' records, the learner has completed the course. By signing this certificate, the learner and/or authorized individual attests that the individual identified as the learner is actually the individual who completed the final exam or knowledge feedbacks without assistance. Additional demonstration of skills and/or on-the-job training may be required by some regulations and are beyond the scope of this course.

TRAINEE

3570201
CERTIFICATE NUMBER

AND/OR AUTHORIZED INDIVIDUAL

ISSUED THIS 14 DAY OF December, 2011

Dear Licensed/Certified Professional,

Attached you will find your validated license/certification for the coming year. Should you have any questions about your license/certificate renewal, please do not hesitate to write or call:

Department of Public Health **(860) 509-7603**
P.O. Box 340308
M.S.#12MQA **http://www.dph.state.ct.us**
Hartford, CT 06134-0308

Sincerely,

JEWEL MULLEN, MD, MPH, MPA, COMMISSIONER
DEPARTMENT OF PUBLIC HEALTH

0002872 FP **PRSRT T9 0 1664 06111
MICHAEL C. KOSTRUBA
114 KNOLLWOOD RD
NEWINGTON CT 06111

INSTRUCTIONS:

1. Detach and sign each of the cards on this form.
2. Display the large card in a prominent place in your office or place of business.
3. The wallet card is for you to carry on your person. If you do not wish to carry the wallet card, place it in a secure place.
4. The employer's copy is for persons who must demonstrate current licensure/certification in order to retain employment or privileges. The employer's card is to be presented to the employer and kept by them as a part of your personnel file. Only one copy of this card can be supplied to you.

VOID VOID VOID

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS LICENSED BY THIS DEPARTMENT AS A
ASBESTOS CONSULTANT-INSPECTOR

MICHAEL C. KOSTRUBA

LICENSE NO. 000694
CURRENT THROUGH 11/30/12
VALIDATION NO. 03-331658

SIGNATURE
COMMISSIONER

EMPLOYER'S COPY

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME
MICHAEL C. KOSTRUBA

VALIDATION NO.	LICENSE NO.	CURRENT THROUGH
03-331658	000694	11/30/12

PROFESSION
ASBESTOS CONSULTANT-INSPECTOR

SIGNATURE
COMMISSIONER

0003369 FP **PRSRT T2 0 1664 06111
MICHAEL C. KOSTRUBA
114 KNOLLWOOD RD
NEWINGTON CT 06111

Dear Licensed/Certified Professional,

Attached you will find your validated license/certification for the coming year. Should you have any questions about your license/certificate renewal, please do not hesitate to write or call:

Department of Public Health **(860) 509-7603**
P.O. Box 340308
M.S.#12MQA **http://www.dph.state.ct.us**
Hartford, CT 06134-0308

Sincerely,

JEWEL MULLEN, MD, MPH, MPA, COMMISSIONER
DEPARTMENT OF PUBLIC HEALTH

INSTRUCTIONS:

1. Detach and sign each of the cards on this form.
2. Display the large card in a prominent place in your office [illegible]
3. The wallet card is for you to carry on your person. If you [illegible] the wallet card, place it in a secure place.

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS LICENSED
BY THIS DEPARTMENT AS A:

ASBESTOS CONSULTANT - INSPECTOR

MICHAEL C. KOSTRUBA

LICENSE NO.
000694
CURRENT THROUGH
11/30/13
VALIDATION NO.
03-493719

SIGNATURE

COMMISSIONER

INSPECTOR
PUBLIC HEALTH

MICHAEL C. KOSTRUBA
LICENSE NO. CURRENT THROUGH
03-493719 000694 11/30/13
PROFESSION
ASBESTOS CONSULTANT-INSPECTOR

COMMISSIONER

CERTIFICATE OF ACHIEVEMENT

This certifies that

Mike Kostruba

has successfully completed the

Asbestos Site Inspector Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by

ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Gregory J. Morach

Principal Instructor

August 16, 2012

Date of Course

August 16, 2013

Expiration Date

Gregory J. Morach

Regional Manager

SIAR - 4280

Certificate Number

August 16, 2012

Examination Date

CERTIFICATE OF ACHIEVEMENT

This certifies that

Michael Kostruba

has successfully completed the

Asbestos Site Inspector Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by

Cardno ATC
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Gregory J. Morsch
Principal Instructor

August 15, 2013
Date of Course

August 15, 2014
Expiration Date

Gregory J. Morsch
Regional Manager

SIAR-4639
Certificate Number

August 15, 2013
Examination Date

Dear Licensed/Certified Professional,

Attached you will find your validated license/certification for the coming year. Should you have any questions about your license/certificate renewal, please do not hesitate to write or call:

Department of Public Health **(860) 509-7603**
P.O. Box 340308
M.S.#12MQA **http://www.dph.state.ct.us**
Hartford, CT 06134-0308

Sincerely,

JEWEL MULLEN, MD, MPH, MPA, COMMISSIONER
DEPARTMENT OF PUBLIC HEALTH

0002874 FP **PRSRT T9 0 1664 06111
MICHAEL C. KOSTRUBA
114 KNOLLWOOD RD
NEWINGTON CT 06111

INSTRUCTIONS:

1. Detach and sign each of the cards on this form.
2. Display the large card in a prominent place in your office or place of business.
3. The wallet card is for you to carry on your person. If you do not wish to carry the wallet card, place it in a secure place.
4. The employer's copy is for persons who must demonstrate current licensure/certification in order to retain employment or privileges. The employer's card is to be presented to the employer and kept by them as a part of your personnel file. Only one copy of this card can be supplied to you.

EMPLOYER'S COPY

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME
MICHAEL C. KOSTRUBA

VALIDATION NO.	CERTIFICATION NO.	CURRENT THROUGH
03-331660	002207	11/30/12

PROFESSION
LEAD INSPECTOR RISK ASSESSOR

SIGNATURE COMMISSIONER

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS CERTIFIED BY THIS DEPARTMENT AS A
LEAD INSPECTOR RISK ASSESSOR

MICHAEL C. KOSTRUBA

CERTIFICATION NO.
002207
CURRENT THROUGH
11/30/12
VALIDATION NO.
03-331660

SIGNATURE COMMISSIONER

0003371 FP **PRSRT T2 D 1664 06111
MICHAEL C. KOSTRUBA
114 KNOLLWOOD RD
NEWINGTON CT 06111

Dear Licensed/Certified Professional,

Attached you will find your validated license/certification for the coming year. Should you have any questions about your license/certificate renewal, please do not hesitate to write or call:

Department of Public Health **(860) 509-7603**
P.O. Box 340308
M.S.#12MQA **http://www.dph.state.ct.us**
Hartford, CT 06134-0308

Sincerely,

JEWEL MULLEN, MD, MPH, MPA, COMMISSIONER
DEPARTMENT OF PUBLIC HEALTH

INSTRUCTIONS:

1. Detach and sign each of the cards on this form.
2. Display the large card in a prominent place in your office or place of business.
3. The wallet card is for you to carry on your person. If you [illegible] the wallet card, place it in a secure place.

VOID

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS CERTIFIED
BY THIS DEPARTMENT AS A

LEAD INSPECTOR RISK ASSESSOR

MICHAEL C. KOSTRUBA

CERTIFICATION NO.
002207
CURRENT THROUGH
11/30/13
VALIDATION NO.
03-493721

SIGNATURE

COMMISSIONER

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

MICHAEL C. KOSTRUBA

CERTIFICATION NO.	CURRENT THROUGH
002207	11/30/13

03-493721

LEAD INSPECTOR RISK ASSESSOR

COMMISSIONER

CERTIFICATE OF ACHIEVEMENT

This certifies that

Michael Kostruba
114 Knollwood Road, Newington, CT 06111
000-00-6999

has successfully completed the

INSPECTOR RISK ASSESSOR REFRESHER

Training Course
conducted by
Cardno ATC
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

October 4, 2012
Date of Course

October 4, 2012
Exam Date

CTLIRAR-333
Certificate Number

October 4, 2013
Expiration Date

Gregory J. Morsch
Training Manager

Training received complies with the requirements of the Connecticut Department of Public Health pursuant to Section 2 477 of the Connecticut General Statutes.

CLICKSAFETY

CERTIFICATE OF COURSE COMPLETION

MICHAEL KOSTRUBA

Has Successfully Completed

Hazwoper Refresher 2012

This course was developed and presented by ClickSafety

I confirm that I personally took the course listed above.

5895477	2/9/2012	8 HOURS	
SERIAL NUMBER	COMPLETION DATE	COURSE DURATION	STUDENT SIGNATURE

TRC Academy

This is to certify that:

Michael Kostruba

TRAINEE

has successfully completed the following course:

HAZWOPER 8 Hr. OSHA Refresher

COURSE TITLE

According to the TRC Academy records, the trainee has completed the above-titled course. By signature, the trainee and/or authorized individual attests that the individual identified as the trainee completed all requirements of the course without assistance. An authorized signature is not required for any course taken through The TRC Academy. Course completion is tracked electronically, therefore an additional signature is not necessary. Additional demonstration of skills or on the job training may be required by some regulations and are beyond the scope of this course. In such cases, trainees will be notified of the additional requirements.

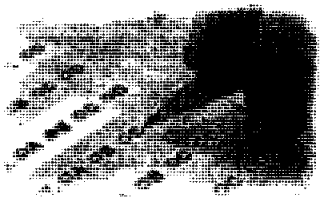
LEARNER

4171499

CERTIFICATE NUMBER

AND/OR AUTHORIZED INDIVIDUAL

ISSUED THIS 16 DAY OF 1, 2013



TRC Academy

This is to certify that:

Zachery Pedersen

TRAINEE

has successfully completed the following course:

HAZWOPER 8 Hr. OSHA Refresher

COURSE TITLE

According to the TRC Academy records, the trainee has completed the above-titled course. By signature, the trainee and/or authorized individual attests that the individual identified as the trainee completed all requirements of the course without assistance. An authorized signature is not required for any course taken through The TRC Academy. Course completion is tracked electronically, therefore an additional signature is not necessary. Additional demonstration of skills or on the job training may be required by some regulations and are beyond the scope of this course. In such cases, trainees will be notified of the additional requirements.

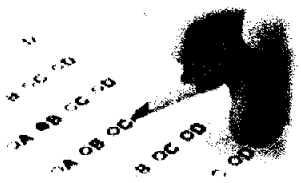
LEARNER

4271069

CERTIFICATE NUMBER

AND/OR AUTHORIZED INDIVIDUAL

ISSUED THIS 13 DAY OF 2, 2013



APPENDIX C

LABORATORY ACCREDITATIONS

State of Connecticut, Department of Public Health

Approved Environmental Laboratory

THIS IS TO CERTIFY THAT THE LABORATORY DESCRIBED BELOW HAS BEEN APPROVED BY THE STATE DEPARTMENT OF PUBLIC HEALTH PURSUANT TO APPLICABLE PROVISIONS OF THE PUBLIC HEALTH CODE AND GENERAL STATUTES OF CONNECTICUT, FOR MAKING THE EXAMINATIONS, DETERMINATIONS OR TESTS SPECIFIED BELOW WHICH HAVE BEEN AUTHORIZED IN WRITING BY THAT DEPARTMENT.

TRC ENVIRONMENTAL CORPORATION

LOCATED AT 21 Griffin Road North IN Windsor, CT 06095

AND REGISTERED IN THE NAME OF Erik Plimpton

THIS CERTIFICATE IS ISSUED IN THE NAME OF Kathleen Williamson WHO HAS BEEN DESIGNATED BY THE REGISTERED OWNER/AUTHORIZED AGENT TO BE IN CHARGE OF THE LABORATORY WORK COVERED BY THIS CERTIFICATE OF APPROVAL AS FOLLOWS:

ASBESTOS
AIR-FIBER COUNTING - PCM
BULK IDENTIFICATION - PLM

SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

THIS CERTIFICATE EXPIRES December 31, 2013 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH

DATED AT HARTFORD, CONNECTICUT, THIS 14th DAY OF December 2011

Registration No.

PH- 0426

SUZANNE BLANCAFLOR, MS
CHIEF, ENVIRONMENTAL HEALTH SECTION

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101424-0

TRC Environmental Corporation

Windsor, CT

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2013-07-01 through 2014-06-30

Effective dates

DEPARTMENT OF COMMERCE ★ UNITED STATES OF AMERICA ★

For the National Institute of Standards and Technology

National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

TRC Environmental Corporation
21 Griffin Road North
Windsor, CT 06095
Ms. Kathleen Williamson
Phone: 860-298-6392 Fax: 860-298-6214
E-Mail: kwilliamson@trcsolutions.com
URL: http://www.trcsolutions.com

BULK ASBESTOS FIBER ANALYSIS (PLM) **NVLAP LAB CODE 101424-0**

NVLAP Code	*Designation / Description*
18/A01	EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

2013-07-01 through 2014-06-30

Effective dates

For the National Institute of Standards and Technology

NVLAP-01S (REV. 2005-05-19)

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101424-0

TRC Environmental Corporation

Windsor, CT

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2012-07-01 through 2013-06-30

Effective dates

For the National Institute of Standards and Technology

NVLAP-01C (REV. 2009-01-28)

National Voluntary
Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

TRC Environmental Corporation
21 Griffin Road North
Windsor, CT 06095
Ms. Kathleen Williamson
Phone: 860-298-6392 Fax: 860-298-6214
E-Mail: kwilliamson@trcsolutions.com
URL: http://www.trcsolutions.com

BULK ASBESTOS FIBER ANALYSIS (PLM) **NVLAP LAB CODE 101424-0**

NVLAP Code	*Designation / Description*
18/A01	EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

2012-07-01 through 2013-06-30

Effective dates

For the National Institute of Standards and Technology

NVLAP-01S (REV. 2005-05-19)

State of Connecticut, Department of Public Health

Approved Environmental Laboratory

THIS IS TO CERTIFY THAT THE LABORATORY DESCRIBED BELOW HAS BEEN APPROVED BY THE STATE DEPARTMENT OF PUBLIC HEALTH PURSUANT TO APPLICABLE PROVISIONS OF THE PUBLIC HEALTH CODE AND GENERAL STATUTES OF CONNECTICUT, FOR MAKING THE EXAMINATIONS, DETERMINATIONS OR TESTS SPECIFIED BELOW WHICH HAVE BEEN AUTHORIZED IN WRITING BY THAT DEPARTMENT.

PROSCIENCE ANALYTICAL SERVICES, INC.

LOCATED AT 22 Cummings Park IN Woburn, MA 01801

AND REGISTERED IN THE NAME OF Harvey Yee

THIS CERTIFICATE IS ISSUED IN THE NAME OF Aimee Cormier WHO HAS BEEN DESIGNATED BY THE REGISTERED OWNER/AUTHORIZED AGENT TO BE IN CHARGE OF THE LABORATORY WORK COVERED BY THIS CERTIFICATE OF APPROVAL AS FOLLOWS:

SOLID WASTE/SOIL
Examination for:
Trace Metals

ASBESTOS
Bulk Identification (PLM)
Air-Fiber Counting (PCM & TEM)

ENVIRONMENTAL HEALTH & HOUSING
Lead in Paint
Lead (Paint) in Soil
Lead in Dust Wipes

SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

THIS CERTIFICATE EXPIRES December 31, 2014 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH

DATED AT HARTFORD, CONNECTICUT, THIS 4 DAY OF December 2012

Registration # PH0209

SUZANNE BLANCHARD, MS
CHIEF, ENVIRONMENTAL HEALTH SECTION

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200090-0

ProScience Analytical Services, Inc.

Woburn, MA

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2013-01-01 through 2013-12-31

Effective dates

For the National Institute of Standards and Technology

NVLAP-01C (REV. 2009-01-28)

National Voluntary
Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ProScience Analytical Services, Inc.
22 Cummings Park
Woburn, MA 01801-2122
Ms. Aimee Cormier
Phone: 781-935-3212 Fax: 781-932-4857
E-Mail: aimee.cormier@proscience.net
URL: http://www.proscience.net

BULK ASBESTOS FIBER ANALYSIS (PLM) **NVLAP LAB CODE 200090-0**

NVLAP Code	*Designation / Description*
18/A01	EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

2013-01-01 through 2013-12-31

Effective dates

For the National Institute of Standards and Technology

NVLAP-01S (REV. 2005-05-19)

State of Connecticut, Department of Public Health

Approved Environmental Laboratory

THIS IS TO CERTIFY THAT THE LABORATORY DESCRIBED BELOW HAS BEEN APPROVED BY THE STATE DEPARTMENT OF PUBLIC HEALTH PURSUANT TO APPLICABLE PROVISIONS OF THE PUBLIC HEALTH CODE AND GENERAL STATUTES OF CONNECTICUT, FOR MAKING THE EXAMINATIONS, DETERMINATIONS OR TESTS SPECIFIED BELOW WHICH HAVE BEEN AUTHORIZED IN WRITING BY THAT DEPARTMENT.

PROSCIENCE ANALYTICAL SERVICES, INC.

LOCATED AT 22 Cummings Park IN Woburn, MA 01801

AND REGISTERED IN THE NAME OF Adrian Stanca

THIS CERTIFICATE IS ISSUED IN THE NAME OF Adrian Stanca WHO HAS BEEN DESIGNATED BY THE REGISTERED OWNER/AUTHORIZED AGENT TO BE IN CHARGE OF THE LABORATORY WORK COVERED BY THIS CERTIFICATE OF APPROVAL AS FOLLOWS:

SOLID WASTE/SOIL
Examination for:
INORGANICS

ASBESTOS
BULK – Identification (PLM)
AIR – Fiber Counting (PCM + TEM)

ENVIRONMENTAL HEALTH & HOUSING
LEAD in PAINT
LEAD (Paint) in SOIL
LEAD in DUST WIPES

SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

THIS CERTIFICATE EXPIRES DECEMBER 31, 2012 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH

DATED AT HARTFORD, CONNECTICUT, THIS 26th DAY OF JANUARY 2011

Registration No.

PH-0209

SUZANNE BLANCAFLOR, MS
CHIEF, ENVIRONMENTAL HEALTH SECTION

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200090-0

ProScience Analytical Services, Inc.

Woburn, MA

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2012-01-01 through 2012-12-31

Effective dates

David F. Alderman

For the National Institute of Standards and Technology

NVLAP-01C (REV. 2009-01-28)

NVLAP® National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ProScience Analytical Services, Inc.
22 Cummings Park
Woburn, MA 01801-2122
Mr. Adrian Stanca
Phone: 781-935-3212 Fax: 781-932-4857
E-Mail: regs@proscience.net
URL: http://www.proscience.net

BULK ASBESTOS FIBER ANALYSIS (PLM) **NVLAP LAB CODE 200090-0**

NVLAP Code	*Designation / Description*
18/A01	EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

2012-01-01 through 2012-12-31

Effective dates

David F. Alderman

For the National Institute of Standards and Technology

NVLAP-01S (REV. 2005-05-19)

State of Connecticut, Department of Public Health

Approved Environmental Laboratory

THIS IS TO CERTIFY THAT THE LABORATORY DESCRIBED BELOW HAS BEEN APPROVED BY THE STATE DEPARTMENT OF PUBLIC HEALTH PURSUANT TO APPLICABLE PROVISIONS OF THE PUBLIC HEALTH CODE AND GENERAL STATUTES OF CONNECTICUT, FOR MAKING THE EXAMINATIONS, DETERMINATIONS OR TESTS SPECIFIED BELOW WHICH HAVE BEEN AUTHORIZED IN WRITING BY THAT DEPARTMENT.

COMPLETE ENVIRONMENTAL TESTING

LOCATED AT 80 LUPES DRIVE IN STRATFORD, CT 06615

AND REGISTERED IN THE NAME OF DAVID DITTA

THIS CERTIFICATE IS ISSUED IN THE NAME OF DAVID DITTA - DIRECTOR
TIMOTHY FUSCO – CO-DIRECTOR WHO HAS BEEN DESIGNATED

BY THE REGISTERED OWNER/AUTHORIZED AGENT TO BE IN CHARGE OF THE LABORATORY WORK COVERED BY THIS CERTIFICATE OF APPROVAL AS FOLLOWS:

DRINKING WATER, NON-POTABLE WATER/WASTEWATER
SOIL/ SOLID WASTE
BACTERIA
INORGANIC CHEMICALS
ORGANIC CHEMICALS
RADIOCHEMICALS

ENVIRONMENTAL HEALTH & HOUSING
LEAD IN PAINT
LEAD IN SOIL
LEAD IN DUST WIPES

SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

THIS CERTIFICATE EXPIRES September 30, 2014 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH

DATED AT HARTFORD, CONNECTICUT, THIS 2nd DAY OF October, 2012

Registration No.

PH-0116

SUZANNE BLANCAFLOR, MS
CHIEF, ENVIRONMENTAL HEALTH SECTION

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH SECTION

ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM

CERTIFIED ANALYTES REPORT

FOR ALL MATRICES

Complete Environmental Testing, Inc.

CT-APP-NUM **PH-0116**

LOCATION

80 LUPES DRIVE

Stratford **CT** **06615-**

PHONE **(203)-377-9984**

REGISTERED OWNER/ AUTHORIZED AGENT **David Ditta**

DIRECTOR **David Ditta**

CO DIRECTOR(S) **Timothy Fusco**

APPROVED BY Dermot Jones DATE 10/02/2012 3:21:07 PM

DERMOT T. JONES

LABORATORY APPROVAL EXPIRATION DATE 09/30/2014

LABORATORY STATUS **APPROVED**

ANY QUESTIONS CONCERNING THIS DOCUMENT SHOULD BE ADDRESSED TO THE ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM AT (860) 509-7389

DRINKING WATER (SDWA)

STATUS REPORTED ON 10/02/2012

SOC: REGULATED SYNTHETIC ORGANIC CHEMICAL WITH MINIMUM MDL REQUIREMENTS

ANALYTE NAME

MICROBIOLOGY/BACTERIA

TOT COLIFORM - COLILERT (SM9223 P/A)

E. COLI - COLILERT (SM9223 P/A)

PHYSICALS

COLOR

ODOR

pH

TURBIDITY

CONDUCTIVITY

MINERALS

ALKALINITY

CHLORIDE

CHLORINE, FREE RESIDUAL

CHLORINE, TOTAL RESIDUAL

FLUORIDE

HARDNESS, TOTAL

HARDNESS, CALCIUM

SILICA

SULFATE

NUTRIENTS

AMMONIA

NITRATE

NITRITE

O-PHOSPHATE

TOTAL PHOSPHOROUS

METALS

ALUMINUM

ANTIMONY

ARSENIC

BARIUM

BERYLLIUM

BORON

CADMIUM

CALCIUM

CHROMIUM

COPPER

IRON

LEAD

MAGNESIUM

MANGANESE

MERCURY

MOLYBDENUM

NICKEL

POTASSIUM

SELENIUM

SILVER

SODIUM

THALLIUM

VANADIUM

ZINC

RESIDUE

TOTAL RESIDUE (SOLIDS)

TOTAL DISSOLVED SOLIDS

MISCELLANEOUS

CYANIDE (TOTAL)

FOAMING AGENTS (MBAS)

CORROSIVITY

INORGANIC DISINFECTION BY-PRODUCTS

BROMIDE

ORGANIC DISINFECTION BY-PRODUCTS

BROMOCHLOROACETIC ACID

DIBROMOACETIC ACID

DICHLOROACETIC ACID

BROMOACETIC ACID

CHLOROACETIC ACID

TRICHLOROACETIC ACID

VOLATILE ORGANICS

VOLATILE ORGANICS - 524.2 (SOC)

1,4-DIOXANE (Mod 8260)

TOTAL TRIHALOMETHANES 524.2 (SOC)

RADIOCHEMICALS

URANIUM - EPA 200.8

NON-POTABLE WATER/ WASTEWATER

STATUS REPORTED ON 10/02/2012

ANALYTE NAME

FIELD TESTING

pH (FIELD TEST)

CHROMIUM, Hexavalent (FIELD TEST)

PHYSICALS

COLOR

pH

TURBIDITY

CONDUCTIVITY

MINERALS

ACIDITY

ALKALINITY

CHLORIDE

CHLORINE, TOTAL & FREE RESIDUAL

FLUORIDE

HARDNESS, TOTAL

HARDNESS, CALCIUM

SILICA

SULFATE

SULFIDE

NUTRIENTS

AMMONIA

KJELDAHL NITROGEN

NITRATE

NITRITE

O-PHOSPHATE

TOTAL PHOSPHOROUS

METALS

ALUMINUM

ANTIMONY

ARSENIC

BARIUM

BERYLLIUM

BORON

CADMIUM

CALCIUM

CHROMIUM

CHROMIUM - Hexavalent

COBALT

COPPER

IRON

LEAD

MAGNESIUM

MANGANESE

MERCURY

MOLYBDENUM

NICKEL

POTASSIUM

SELENIUM

SILVER

SODIUM

STRONTIUM

THALLIUM

TIN

TITANIUM

VANADIUM

ZINC

RESIDUE

TOTAL RESIDUE (SOLIDS)

TOTAL VOLATILE RESIDUE

TOTAL DISSOLVED SOLIDS

TOTAL SUSPENDED SOLIDS

DEMANDS

BOD

COD

MISCELLANEOUS

CYANIDE (TOTAL)

PHENOLICS

FOAMING AGENTS (MBAS)

INORGANIC DISINFECTION BY-PRODUCTS

BROMIDE

PESTICIDES/ PCB's

POLYCHLORINATED BIPHENYLS

PCB IN OIL

ORGANOCHLORINE PESTICIDES (Single Response)

CHLORDANE (TECHNICAL)

TOXAPHENE

SOLVENTS

OIL AND GREASE

CT Extractable Petroleum Hydrocarbons (ETPH)

MA Extractable Petroleum Hydrocarbons (EPH)

HERBICIDES

DALAPON

DICAMBA

DINOSEB

PENTACHLOROPHENOL (Herbicide)

2,4-D

2,4-DB

2,4,5-T

DICHLOROPROP

2,4,5-TP (SILVEX)

MCPA

MCPP

4-NITROPHENOL (Herbicide)

ORGANICS

ACROLEIN & ACRYLONITRILE

ACID EXTRACTABLES (PHENOLS)

BENZIDINES

PHTHALATE ESTERS

NITROSAMINES

NITROAROMATICS & ISOPHORONE

POLYNUCLEAR AROMATIC HYDROCARBONS

HALOETHERS

CHLORINATED HYDROCARBONS

VOLATILE ORGANICS

SOLID WASTE/SOIL

STATUS REPORTED ON 10/02/2012

ANALYTE NAME

ENVIRONMENTAL HEALTH & HOUSING

LEAD IN DUST WIPES
LEAD IN PAINT
LEAD (PAINT) IN SOIL

PHYSICALS

pH

MINERALS

SULFIDE

NUTRIENTS

AMMONIA
KJELDAHL NITROGEN
TOTAL PHOSPHOROUS

METALS

ALUMINUM
ANTIMONY
ARSENIC
BARIUM
BERYLLIUM
BORON
CADMIUM
CALCIUM
CHROMIUM
CHROMIUM - Hexavalent
COBALT
COPPER
IRON
LEAD
MAGNESIUM
MANGANESE
MERCURY
MOLYBDENUM
NICKEL
POTASSIUM
SELENIUM
SILVER
SODIUM
STRONTIUM
THALLIUM
TIN
TITANIUM
VANADIUM
ZINC

RESIDUE

TOTAL RESIDUE (SOLIDS)
TOTAL VOLATILE RESIDUE

DEMANDS

TOTAL ORGANIC CARBON

MISCELLANEOUS

CYANIDE (TOTAL)
IGNITABILITY
CORROSIVITY
TCLP LEACH (1311)
SPLP LEACH (1312)
REACTIVITY

PESTICIDES/ PCB's

POLYCHLORINATED BIPHENYLS
PCB IN OIL
ORGANOCHLORINE PESTICIDES (Single Response)
CHLORDANE (TECHNICAL)
TOXAPHENE

SOLVENTS

CT Extractable Petroleum Hydrocarbons (ETPH)
MA Extractable Petroleum Hydrocarbons (EPH)

HERBICIDES

DALAPON
DICAMBA
DINOSEB
PENTACHLOROPHENOL (Herbicide)
2,4-D
2,4-DB
2,4,5-T
DICHLOROPROP
2,4,5-TP (SILVEX)
4-NITROPHENOL (Herbicide)

RCRA (SW-846) ORGANICS

VOLATILE ORGANICS (SW 8260)

ACID EXTRACTABLES (PHENOLS) (SW 8270)

BENZIDINES (SW 8270)

PHTHALATES (SW 8270)

NITROSOAMINES (SW 8270)

NITROAROMATICS & CYCLIC KETONES (SW 8270)

PAH's (SW 8270)

HALOETHERS (SW 8270)

CHLORINATED HYDROCARBONS (SW 8270)

END OF SECTION FOR Complete Environmental Testing, Inc.

REPORT PROFILE

Report Printed on:	10/02/2012 3:21:07 PM	lab code = ID1045P
Report Name:	APPROVED TESTS_ALT_NEW	test code = *
Printed by:	dermot	matrix code = *
Report published from:	CERTIFICATION REPORTS screen #3	matrix selection = ALL OR SOME MATRICES SELECTED
		certifications approved or provisional on 10/02/2012

THIS IS THE LAST PAGE OF THE REPORT

State of Connecticut, Department of Public Health

Approved Environmental Laboratory

THIS IS TO CERTIFY THAT THE LABORATORY DESCRIBED BELOW HAS BEEN APPROVED BY THE STATE DEPARTMENT OF PUBLIC HEALTH PURSUANT TO APPLICABLE PROVISIONS OF THE PUBLIC HEALTH CODE AND GENERAL STATUTES OF CONNECTICUT, FOR MAKING THE EXAMINATIONS, DETERMINATIONS OR TESTS SPECIFIED BELOW WHICH HAVE BEEN AUTHORIZED IN WRITING BY THAT DEPARTMENT.

SPECTRUM ANALYTICAL, INC.

LOCATED AT 11 Almgren Drive IN Agawam, Massachusetts 01001

AND REGISTERED IN THE NAME OF Hanibal C. Tayeh

THIS CERTIFICATE IS ISSUED IN THE NAME OF Nicole Leja, Director (Chemistry) June O'Connor, Co-Director (Microbiology) WHO HAS BEEN DESIGNATED

BY THE REGISTERED OWNER/AUTHORIZED AGENT TO BE IN CHARGE OF THE LABORATORY WORK COVERED BY THIS CERTIFICATE OF APPROVAL AS FOLLOWS:

DRINKING WATER, NON-POTABLE WATER/WASTEWATER, SOLID WASTE/SOIL

Examination For:

BACTERIA

INORGANIC CHEMICALS

ORGANIC CHEMICALS

SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

THIS CERTIFICATE EXPIRES September 30, 2013 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH

DATED AT HARTFORD, CONNECTICUT, THIS 14th DAY OF October, 2011

Registration No.
PH-0777

SUZANNE BLANCAFLOR, MS
CHIEF, ENVIRONMENTAL HEALTH SECTION

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH SECTION

ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM

CERTIFIED ANALYTES REPORT

FOR ALL MATRICES

Spectrum Analytical, Inc.

CT-APP-NUM PH-0777

LOCATION

11 ALMGREN DRIVE

Agawam **MA** **01001-**

PHONE **(800)-789-9115**

REGISTERED OWNER/ AUTHORIZED AGENT Hanibal C. Tayeh, Ph.D

DIRECTOR Nicole Leja

CO DIRECTOR(S) June O'Conner

APPROVED BY DERMOT T. JONES DATE 08/21/2012 8:47:06 AM

LABORATORY APPROVAL EXPIRATION DATE 09/30/2013

LABORATORY STATUS APPROVED

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DRINKING WATER (SDWA)

STATUS REPORTED ON 08/21/2012

SOC: REGULATED SYNTHETIC ORGANIC CHEMICAL WITH MINIMUM MDL REQUIREMENTS

ANALYTE NAME

MICROBIOLOGY/BACTERIA

TOT COLIFORM -MF MI Medium (EPA 1604)

E. COLI - MF MI Medium (EPA1604)

HPC - POUR PLATE (SM9215B)

FECAL COLIFORM - MF m-FC (SM9222D)

PHYSICALS

COLOR

pH

TURBIDITY

CONDUCTIVITY

MINERALS

ALKALINITY

CHLORIDE

CHLORINE, TOTAL & FREE RESIDUAL

CHLORINE, TOTAL RESIDUAL

FLUORIDE

HARDNESS, CALCIUM

SILICA

SULFATE

NUTRIENTS

NITRATE

NITRITE

O-PHOSPHATE

METALS

ALUMINUM

ANTIMONY

ARSENIC

BARIUM

BERYLLIUM

BORON

CADMIUM

CALCIUM

CHROMIUM

COPPER

IRON

LEAD

MAGNESIUM

MANGANESE

MERCURY

MOLYBDENUM

NICKEL

POTASSIUM

SELENIUM

SILVER

SODIUM

THALLIUM

VANADIUM

ZINC

RESIDUE

TOTAL DISSOLVED SOLIDS

DEMANDS

TOTAL ORGANIC CARBON

MISCELLANEOUS

CYANIDE (TOTAL)

CORROSIVITY

ORGANIC DISINFECTION BY-PRODUCTS

BROMOCHLOROACETIC ACID

DIBROMOACETIC ACID

DICHLOROACETIC ACID

BROMOACETIC ACID

CHLOROACETIC ACID

TRICHLOROACETIC ACID

VOLATILE ORGANICS

VOLATILE ORGANICS - 524.2 (SOC)

1,2-DIBROMO-3-CHLOROPROPANE 504.1 (DBCP) (SOC)

1,4-DIOXANE (Mod 8260)

TOTAL TRIHALOMETHANES 524.2 (SOC)

ETHYLENE DIBROMIDE 504.1 (EDB) (SOC)

NON-POTABLE WATER/ WASTEWATER

STATUS REPORTED ON 08/21/2012

ANALYTE NAME

MICROBIOLOGY/BACTERIA

E. COLI - MF MI Medium (EPA1604)
HPC - POUR PLATE (SM9215B)
FECAL COLIFORM - MF m-FC (SM9222D)
ENTEROCOCCUS - MF mEI Agar (EPA1600)

PHYSICALS

COLOR
pH
TURBIDITY
CONDUCTIVITY

MINERALS

ACIDITY
ALKALINITY
CHLORIDE
CHLORINE, TOTAL RESIDUAL
FLUORIDE
HARDNESS, TOTAL
HARDNESS, CALCIUM
SILICA
SULFATE
SULFIDE

NUTRIENTS

AMMONIA
KJELDAHL NITROGEN
NITRATE
NITRITE
O-PHOSPHATE
TOTAL PHOSPHOROUS

METALS

ALUMINUM
ANTIMONY
ARSENIC
BARIUM
BERYLLIUM
BORON
CADMIUM
CALCIUM
CHROMIUM
CHROMIUM - Hexavalent
COBALT
COPPER
IRON
LEAD
MAGNESIUM
MANGANESE
MERCURY
MOLYBDENUM
NICKEL
POTASSIUM
SELENIUM
SILVER
SODIUM
STRONTIUM
THALLIUM
TIN
TITANIUM
VANADIUM
ZINC

RESIDUE

TOTAL RESIDUE (SOLIDS)
TOTAL DISSOLVED SOLIDS
TOTAL SUSPENDED SOLIDS

DEMANDS

BOD
CARBONACEOUS BOD
COD
TOTAL ORGANIC CARBON

MISCELLANEOUS

CYANIDE (TOTAL)

INORGANIC DISINFECTION BY-PRODUCTS

BROMIDE

PESTICIDES/ PCB's

POLYCHLORINATED BIPHENYLS
PCB IN OIL

ORGANOCHLORINE PESTICIDES (Single Response)

CHLORDANE (TECHNICAL)

TOXAPHENE

SOLVENTS

OIL AND GREASE

CT Extractable Petroleum Hydrocarbons (ETPH)

MA Volatile Petroleum Hydrocarbons (VPH)

MA Extractable Petroleum Hydrocarbons (EPH)

HERBICIDES

DALAPON

DICAMBA

DINOSEB

2,4-D

2,4-DB

2,4,5-T

DICHLOROPROP

2,4,5-TP (SILVEX)

ORGANICS

ACID EXTRACTABLES (PHENOLS)

BENZIDINES

PHTHALATE ESTERS

NITROSAMINES

NITROAROMATICS & ISOPHORONE

POLYNUCLEAR AROMATIC HYDROCARBONS

HALOETHERS

CHLORINATED HYDROCARBONS

VOLATILE ORGANICS

SOLID WASTE/SOIL

STATUS REPORTED ON 08/21/2012

ANALYTE NAME

ENVIRONMENTAL HEALTH & HOUSING

LEAD IN DUST WIPES

LEAD IN PAINT

PHYSICALS

pH

METALS

ALUMINUM

ANTIMONY

ARSENIC

BARIUM

BERYLLIUM

BORON

CADMIUM

CALCIUM

CHROMIUM

CHROMIUM - Hexavalent

COBALT

COPPER

IRON

LEAD

MAGNESIUM

MANGANESE

MERCURY

MOLYBDENUM

NICKEL

POTASSIUM

SELENIUM

SILVER

SODIUM

STRONTIUM

THALLIUM

TIN

TITANIUM

VANADIUM

ZINC

MISCELLANEOUS

CYANIDE (TOTAL)

IGNITABILITY

CORROSIVITY

TCLP LEACH (1311)

SPLP LEACH (1312)

REACTIVITY

PESTICIDES/ PCB's

POLYCHLORINATED BIPHENYLS

PCB IN OIL

ORGANOCHLORINE PESTICIDES (Single Response)

CHLORDANE (TECHNICAL)

TOXAPHENE

SOLVENTS

CT Extractable Petroleum Hydrocarbons (ETPH)

MA Volatile Petroleum Hydrocarbons (VPH)

MA Extractable Petroleum Hydrocarbons (EPH)

HERBICIDES

DALAPON

DICAMBA

DINOSEB

2,4-D

2,4-DB

2,4,5-T

DICHLOROPROP

2,4,5-TP (SILVEX)

MCPA

MCPP

RCRA (SW-846) ORGANICS

VOLATILE ORGANICS (SW 8260)

ACID EXTRACTABLES (PHENOLS) (SW 8270)

BENZIDINES (SW 8270)

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NITROSOAMINES (SW 8270)

NITROAROMATICS & CYCLIC KETONES (SW 8270)

PAH's (SW 8270)

HALOETHERS (SW 8270)

CHLORINATED HYDROCARBONS (SW 8270)

END OF SECTION FOR Spectrum Analytical, Inc.

REPORT PROFILE

Report Printed on:	08/21/2012 8:47:06 AM	lab code = ID1150P
Report Name:	APPROVED TESTS_ALT_NEW	test code = *
Printed by:	dermot	matrix code = *
Report published from:	CERTIFICATION REPORTS screen #3	matrix selection = ALL OR SOME MATRICES SELECTED
		certifications approved or provisional on 08/21/2012

THIS IS THE LAST PAGE OF THE REPORT

SCOPE OF ACCREDITATION TO ISO/IEC 17025: 2005

SPECTRUM ANALYTICAL, INC.
11 Almgren Drive and 830 Silver Street
Agawam, MA 01001
Nicole Leja Phone: (413) 789-9018
nleja@spectrum-analytical.com

ENVIRONMENTAL

Valid To: January 31, 2014 Certificate Number: 3226.01

In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance with ISO IEC 17025:2005, the 2003 NELAC Chapter 5 Standard, and the requirements of the DoD Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in version 4.2 of the DoD Quality Systems Manual for Environmental Laboratories) accreditation is granted to this laboratory to perform recognized EPA methods using the following testing technologies and in the analyte categories identified below:

Testing Technologies

ICP-AES Spectrometry, ICP/MS, Gas Chromatography, Gas Chromatography/Mass Spectrometry, Gravimetry, Ion Chromatography, Misc.- Electronic Probes (pH, O_2), Oxygen Demand, Hazardous Waste Characteristics Tests, Spectrophotometry (Visible), Spectrophotometry (Automated), IR Spectrometry, Titrimetry, Total Organic Carbon, Turbidity

Parameter/Analyte	Air	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Metals				
Aluminum	----------	EPA 6010C	EPA 6010C	EPA 6010C
Antimony	----------	EPA 6010C / 6020A	EPA 6010C	EPA 6010C
Arsenic	----------	EPA 6010C / 6020A	EPA 6010C	EPA 6010C
Barium	----------	EPA 6010C / 6020A	EPA 6010C	EPA 6010C
Beryllium	----------	EPA 6010C / 6020A	EPA 6010C	EPA 6010C
Boron	----------	EPA 6010C	EPA 6010C	EPA 6010C
Cadmium	----------	EPA 6010C / 6020A	EPA 6010C	EPA 6010C
Calcium	----------	EPA 6010C	EPA 6010C	EPA 6010C
Chromium	----------	EPA 6010C / 6020A	EPA 6010C	EPA 6010C
Cobalt	----------	EPA 6010C / 6020A	EPA 6010C	EPA 6010C
Copper	----------	EPA 6010C / 6020A	EPA 6010C	EPA 6010C
Iron	----------	EPA 6010C	EPA 6010C	EPA 6010C
Lead	----------	EPA 6010C / 6020A	EPA 6010C	EPA 6010C
Magnesium	----------	EPA 6010C	EPA 6010C	EPA 6010C
Manganese	----------	EPA 6010C / 6020A	EPA 6010C	EPA 6010C
Mercury	----------	EPA 245.1 / 7470A	EPA 7471B	EPA 7471B
Molybdenum	----------	EPA 6010C / 6020A	EPA 6010C	EPA 6010C

Parameter/Analyte	Air	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Nickel	----------	EPA 6010C / 6020A	EPA 6010C	EPA 6010C
Potassium	----------	EPA 6010C	EPA 6010C	EPA 6010C
Selenium	----------	EPA 6010C / 6020A	EPA 6010C	EPA 6010C
Silicon	----------	EPA 6010C	----------	----------
Silver	----------	EPA 6010C / 6020A	EPA 6010C	EPA 6010C
Sodium	----------	EPA 6010C	EPA 6010C	EPA 6010C
Strontium	----------	EPA 6010C	EPA 6010C	EPA 6010C
Hexavalent Chromium	----------	EPA 7196A / SM 3500-Cr D	EPA 7196A	EPA 7196A
Thallium	----------	EPA 6010C / 6020A	EPA 6010C	EPA 6010C
Tin	----------	EPA 6010C	EPA 6010C	EPA 6010C
Titanium	----------	EPA 6010C	EPA 6010C	EPA 6010C
Vanadium	----------	EPA 6010C / 6020A	EPA 6010C	EPA 6010C
Zinc	----------	EPA 6010C / 6020A	EPA 6010C	EPA 6010C
Nutrients				
Ammonia (as N)	----------	EPA 350.1 / SM 4500 NH3-C	----------	----------
Total Kjeldahl Nitrogen	----------	SM 4500 NH3 C EPA 351.2	----------	----------
Nitrate (as N)	----------	EPA 300.0 / 353.2	----------	----------
Nitrate & Nitrite (as N)	----------	EPA 300.0 / 353.2	----------	----------
Nitrite (as N)	----------	EPA 300.0 / 353.2	----------	----------
Orthophosphate (as P)	----------	ASTM D515-88 A	----------	----------
Total Phosphorus	----------	ASTM D515-88 A	----------	----------
Demands				
Biochemical Oxygen Demand	----------	SM 5210B	----------	----------
Carbonaceous BOD	----------	SM 5210B	----------	----------
Chemical Oxygen Demand	----------	HACH 8000	----------	----------
Total Organic Carbon	----------	SM 5310B	Lloyd Kahn Method	Lloyd Kahn Method
Wet Chemistry				
Acidity	----------	SM 2310B	----------	----------
Alkalinity	----------	SM 2320B	----------	----------
Chloride	----------	EPA 300.0	----------	----------
Chlorine (Free residual)	----------	SM 4500-Cl G	----------	----------
Chlorine (Total residual)	----------	SM 4500-Cl G	----------	----------
Cyanide	----------	EPA 335.4 / 9012B	EPA 9012B	EPA 9012B
Fluoride	----------	EPA 300.0	----------	----------
Calcium Hardness	----------	SM 2340B	----------	----------
Total Hardness	----------	SM 2340B	----------	----------
pH	----------	ASTM D1293-84 / 90 / 99 (A or B)	EPA 9045D	EPA 9045D
Bromide	----------	EPA 300.0	----------	----------
Color	----------	SM 2120B	----------	----------
Corrosivity	----------	SM 2330	----------	----------

Parameter/Analyte	Air	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Corrosivity (as pH)	----------	----------	EPA 9045D	EPA 9045D
Total Petroleum Hydrocarbons	----------	EPA 1664A	----------	----------
Oil and Grease	----------	EPA 1664A	----------	----------
Total Solids	----------	SM 2540B	----------	----------
Settle Able Solids	----------	SM 2540F	----------	----------
Total Dissolved Solids	----------	SM 2540C	----------	----------
Total Suspended Solids	----------	SM 2540D	----------	----------
Specific conductance	----------	SM 2510B	----------	----------
Sulfate	----------	EPA 300.0	----------	----------
Sulfide	----------	SM 4500-S D	----------	----------
Turbidity	----------	EPA 180.1	----------	----------
Ignitability	----------	----------	----------	EPA 1010A / 1030
Free Liquids	----------	----------	EPA 9095B	EPA 9095B
Reactivity	----------	----------	EPA SW 846 Ch 7	EPA SW 846 Ch 7
Purgeable Organics (volatiles)				
Acetone	----------	EPA 8260C	EPA 8260C	EPA 8260C
Acrolein	----------	EPA 8260C	----------	----------
Acrylonitrile	----------	EPA 8260C	EPA 8260C	EPA 8260C
Benzene	----------	EPA 8260C	EPA 8260C	EPA 8260C
Bromobenzene	----------	EPA 8260C	EPA 8260C	EPA 8260C
Bromochloromethane	----------	EPA 8260C	EPA 8260C	EPA 8260C
Bromodichloromethane	----------	EPA 8260C	EPA 8260C	EPA 8260C
Bromoform	----------	EPA 8260C	EPA 8260C	EPA 8260C
Bromomethane	----------	EPA 8260C	EPA 8260C	EPA 8260C
2-Butanone (MEK)	----------	EPA 8260C	EPA 8260C	EPA 8260C
n-Buytlbenzene	----------	EPA 8260C	EPA 8260C	EPA 8260C
sec-Butylbenzene	----------	EPA 8260C	EPA 8260C	EPA 8260C
tert-Butylbenzene	----------	EPA 8260C	EPA 8260C	EPA 8260C
Carbon disulfide	----------	EPA 8260C	EPA 8260C	EPA 8260C
Carbon tetrachloride	----------	EPA 8260C	EPA 8260C	EPA 8260C
Chlorobenzene	----------	EPA 8260C	EPA 8260C	EPA 8260C
Chloroethane	----------	EPA 8260C	EPA 8260C	EPA 8260C
2-Chloroethyl vinyl ether	----------	EPA 8260C	----------	----------
Chloroform	----------	EPA 8260C	EPA 8260C	EPA 8260C
Chloromethane	----------	EPA 8260C	EPA 8260C	EPA 8260C
2-Chlorotoluene	----------	EPA 8260C	EPA 8260C	EPA 8260C
4-Chlorotoluene	----------	EPA 8260C	EPA 8260C	EPA 8260C
Dibromochloromethane	----------	EPA 8260C	EPA 8260C	EPA 8260C
1,2-Dibromo-3-chloropropane (DBCP)	----------	EPA 8260C	EPA 8260C	EPA 8260C
Dibromomethane	----------	EPA 8260C	EPA 8260C	EPA 8260C
1,2 Dibromoethane (EDB)	----------	EPA 8260C	EPA 8260C	EPA 8260C
trans-1,4-Dichloro-2-butene	----------	EPA 8260C	EPA 8260C	EPA 8260C
1,2-Dichlorobenzene	----------	EPA 8260C	EPA 8260C	EPA 8260C
1,3-Dichlorobenzene	----------	EPA 8260C	EPA 8260C	EPA 8260C
1,4-Dichlorobenzene	----------	EPA 8260C	EPA 8260C	EPA 8260C

Parameter/Analyte	Air	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Dichlorodifluoromethane	----------	EPA 8260C	EPA 8260C	EPA 8260C
1,1-Dichloroethane	----------	EPA 8260C	EPA 8260C	EPA 8260C
1,2-Dichloroethane	----------	EPA 8260C	EPA 8260C	EPA 8260C
1,1-Dichloroethene	----------	EPA 8260C	EPA 8260C	EPA 8260C
cis-1,2-Dichloroethene	----------	EPA 8260C	EPA 8260C	EPA 8260C
trans-1,2-Dichloroethene	----------	EPA 8260C	EPA 8260C	EPA 8260C
1,2-Dichloropropane	----------	EPA 8260C	EPA 8260C	EPA 8260C
1,3-Dichloropropane	----------	EPA 8260C	EPA 8260C	EPA 8260C
2,2-Dichloropropane	----------	EPA 8260C	EPA 8260C	EPA 8260C
1,1-Dichloropropene	----------	EPA 8260C	EPA 8260C	EPA 8260C
cis-1,3-Dichloropropene	----------	EPA 8260C	EPA 8260C	EPA 8260C
trans-1,3-Dichloropropene	----------	EPA 8260C	EPA 8260C	EPA 8260C
Ethyl ether	----------	EPA 8260C	EPA 8260C	EPA 8260C
Ethanol	----------	EPA 8260C	EPA 8260C	EPA 8260C
Ethylbenzene	----------	EPA 8260C	EPA 8260C	EPA 8260C
Gas Range Organics (GRO)	----------	EPA 8015B	EPA 8015B	EPA 8015B
2-Hexanone (MBK)	----------	EPA 8260C	EPA 8260C	EPA 8260C
Hexachlorobutadiene	----------	EPA 8260C	EPA 8260C	EPA 8260C
Isopropylbenzene	----------	EPA 8260C	EPA 8260C	EPA 8260C
4-Isopropyltoluene	----------	EPA 8260C	EPA 8260C	EPA 8260C
Methylene chloride	----------	EPA 8260C	EPA 8260C	EPA 8260C
4-Methyl-2-pentanone (MIBK)	----------	EPA 8260C	EPA 8260C	EPA 8260C
Naphthalene	----------	EPA 8260C	EPA 8260C	EPA 8260C
Methyl tert-butyl ether	----------	EPA 8260C	EPA 8260C	EPA 8260C
n-Propylbenzene	----------	EPA 8260C	EPA 8260C	EPA 8260C
Styrene	----------	EPA 8260C	EPA 8260C	EPA 8260C
1,1,1,2-Tetrachloroethane	----------	EPA 8260C	EPA 8260C	EPA 8260C
1,1,2,2-Tetrachloroethane	----------	EPA 8260C	EPA 8260C	EPA 8260C
Tetrachloroethene	----------	EPA 8260C	EPA 8260C	EPA 8260C
Toluene	----------	EPA 8260C	EPA 8260C	EPA 8260C
1,2,3-Trichlorobenzene	----------	EPA 8260C	EPA 8260C	EPA 8260C
1,2,4-Trichlorobenzene	----------	EPA 8260C	EPA 8260C	EPA 8260C
1,3,5-Trichlorobenzene	----------	EPA 8260C	EPA 8260C	EPA 8260C
1,1,1-Trichloroethane	----------	EPA 8260C	EPA 8260C	EPA 8260C
1,1,2-Trichloroethane	----------	EPA 8260C	EPA 8260C	EPA 8260C
1,1,2-Trichlorotrifluoroethane	----------	EPA 8260C	EPA 8260C	EPA 8260C
Trichloroethene	----------	EPA 8260C	EPA 8260C	EPA 8260C
Trichlorofluoromethane	----------	EPA 8260C	EPA 8260C	EPA 8260C
1,2,3-Trichloropropane	----------	EPA 8260C	EPA 8260C	EPA 8260C
1,2,4-Trimethylbenzene	----------	EPA 8260C	EPA 8260C	EPA 8260C
1,3,5-Trimethylbenzene	----------	EPA 8260C	EPA 8260C	EPA 8260C
Tetrahydrofuran	----------	EPA 8260C	EPA 8260C	EPA 8260C
Vinyl acetate	----------	EPA 8260C	----------	----------
Vinyl chloride	----------	EPA 8260C	EPA 8260C	EPA 8260C
m,p-Xylene	----------	EPA 8260C	EPA 8260C	EPA 8260C
o-Xylene	----------	EPA 8260C	EPA 8260C	EPA 8260C
tert-amyl methyl ether	----------	EPA 8260C	EPA 8260C	EPA 8260C
Ethyl tert-butyl ether	----------	EPA 8260C	EPA 8260C	EPA 8260C

Parameter/Analyte	Air	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Di-isopropyl ether	----------	EPA 8260C	EPA 8260C	EPA 8260C
tert-Butanol	----------	EPA 8260C	EPA 8260C	EPA 8260C
1,4-Dioxane	----------	EPA 8260C	EPA 8260C	EPA 8260C
MA-VPH (Carbon Ranges and Targets)	----------	MA-VPH	MA-VPH	MA-VPH
Extractable Organics (semivolatiles)				
Acenaphthene	----------	EPA 8270D / 8270D-SIM	EPA 8270D	EPA 8270D
Acenaphthylene	----------	EPA 8270D / 8270D-SIM	EPA 8270D	EPA 8270D
Aniline	----------	EPA 8270D	EPA 8270D	EPA 8270D
Anthracene	----------	EPA 8270D / 8270D-SIM	EPA 8270D	EPA 8270D
Azobenzene/Diphenyldiazine	----------	EPA 8270D	EPA 8270D	EPA 8270D
Benzidine	----------	EPA 8270D	EPA 8270D	EPA 8270D
Benzoic acid	----------	EPA 8270D	EPA 8270D	EPA 8270D
Benzo (a) anthracene	----------	EPA 8270D / 8270D-SIM	EPA 8270D	EPA 8270D
Benzo (b) fluoranthene	----------	EPA 8270D / 8270D-SIM	EPA 8270D	EPA 8270D
Benzo (k) fluoranthene	----------	EPA 8270D / 8270D-SIM	EPA 8270D	EPA 8270D
Benzo (ghi) fluoranthene	----------	EPA 8270D / 8270D-SIM	EPA 8270D	EPA 8270D
Benzo (a) pyrene	----------	EPA 8270D / 8270D-SIM	EPA 8270D	EPA 8270D
Benzyl alcohol	----------	EPA 8270D	EPA 8270D	EPA 8270D
Bis (2-chloroethoxy)methane	----------	EPA 8270D	EPA 8270D	EPA 8270D
Bis (2-chloroethyl) ether	----------	EPA 8270D	EPA 8270D	EPA 8270D
Bis (2-chloroisopropyl) ether	----------	EPA 8270D	EPA 8270D	EPA 8270D
Bis (2-ethylhexyl) phthalate	----------	EPA 8270D	EPA 8270D	EPA 8270D
4-Bromophenyl phenyl ether	----------	EPA 8270D	EPA 8270D	EPA 8270D
Butyl benzyl phthalate	----------	EPA 8270D	EPA 8270D	EPA 8270D
4,6-Dinitro-2-methylphenol	----------	EPA 8270D	EPA 8270D	EPA 8270D
4-Chloroaniline	----------	EPA 8270D	EPA 8270D	EPA 8270D
Carbazole	----------	EPA 8270D	EPA 8270D	EPA 8270D
4-Chloro-3-methylphenol	----------	EPA 8270D	EPA 8270D	EPA 8270D
2-Chloronaphthalene	----------	EPA 8270D	EPA 8270D	EPA 8270D
2-Chlorophenol	----------	EPA 8270D	EPA 8270D	EPA 8270D
4-Chlorophenyl phenyl ether	----------	EPA 8270D	EPA 8270D	EPA 8270D
Chrysene	----------	EPA 8270D / 8270D-SIM	EPA 8270D	EPA 8270D
Dibenzo (a,h) anthracene	----------	EPA 8270D / 8270D-SIM	EPA 8270D	EPA 8270D
Dibenzofuran	----------	EPA 8270D	EPA 8270D	EPA 8270D
1,2-Dichlorobenzene	----------	EPA 8270D	EPA 8270D	EPA 8270D

Parameter/Analyte	Air	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
1,3-Dichlorobenzene	----------	EPA 8270D	EPA 8270D	EPA 8270D
1,4-Dichlorobenzene	----------	EPA 8270D	EPA 8270D	EPA 8270D
3,3'-Dichlorobenzidine	----------	EPA 8270D	EPA 8270D	EPA 8270D
2,4-Dichlorophenol	----------	EPA 8270D	EPA 8270D	EPA 8270D
Diethyl phthalate	----------	EPA 8270D	EPA 8270D	EPA 8270D
2,4-Dimethylphenol	----------	EPA 8270D	EPA 8270D	EPA 8270D
Dimethyl phthalate	----------	EPA 8270D	EPA 8270D	EPA 8270D
Di-n-butyl phthalate	----------	EPA 8270D	EPA 8270D	EPA 8270D
Di-n-octyl phthalate	----------	EPA 8270D	EPA 8270D	EPA 8270D
2,4-Dinitrophenol	----------	EPA 8270D	EPA 8270D	EPA 8270D
2,4-Dinitrotoluene	----------	EPA 8270D	EPA 8270D	EPA 8270D
2,6-Dinitrotoluene	----------	EPA 8270D	EPA 8270D	EPA 8270D
Diesel Range Organics	----------	EPA 8015C (modified)	EPA 8015C (modified)	EPA 8015C (modified)
Fluoroanthene	----------	EPA 8270D / 8270D-SIM	EPA 8270D	EPA 8270D
Fluorene	----------	EPA 8270D / 8270D-SIM	EPA 8270D	EPA 8270D
Hexachlorobenzene	----------	EPA 8270D	EPA 8270D	EPA 8270D
Hexachlorobutadiene	----------	EPA 8270D	EPA 8270D	EPA 8270D
Hexachlorocyclopentadiene	----------	EPA 8270D	EPA 8270D	EPA 8270D
Hexachloroethane	----------	EPA 8270D	EPA 8270D	EPA 8270D
Indeno (1,2,3-cd) pyrene		EPA 8270D / 8270D-SIM	EPA 8270D	EPA 8270D
Isophorone	----------	EPA 8270D	EPA 8270D	EPA 8270D
1-Methylnaphthalene		EPA 8270D	EPA 8270D	EPA 8270D
2-Methylnaphthalene		EPA 8270D	EPA 8270D	EPA 8270D
2-Methylphenol	----------	EPA 8270D	EPA 8270D	EPA 8270D
3&4-Methylphenol	----------	EPA 8270D	EPA 8270D	EPA 8270D
Naphthalene	----------	EPA 8270D / 8270D-SIM	EPA 8270D	EPA 8270D
2-Nitroaniline	----------	EPA 8270D	EPA 8270D	EPA 8270D
3-Nitroaniline	----------	EPA 8270D	EPA 8270D	EPA 8270D
4-Nitroaniline	----------	EPA 8270D	EPA 8270D	EPA 8270D
Nitrobenzene	----------	EPA 8270D	EPA 8270D	EPA 8270D
2-Nitrophenol	----------	EPA 8270D	EPA 8270D	EPA 8270D
4-Nitrophenol	----------	EPA 8270D	EPA 8270D	EPA 8270D
N-Nitrosodimethylamine	----------	EPA 8270D	EPA 8270D	EPA 8270D
N-Nitrosodi-n-propylamine	----------	EPA 8270D	EPA 8270D	EPA 8270D
N-Nitrosodiphenylamine	----------	EPA 8270D	EPA 8270D	EPA 8270D
Pentachloronitrobenzene	----------	EPA 8270D	EPA 8270D	EPA 8270D
Pentachlorophenol	----------	EPA 8270D	EPA 8270D	EPA 8270D
Phenanthrene	----------	EPA 8270D / 8270D-SIM	EPA 8270D	EPA 8270D
Phenol	----------	EPA 8270D	EPA 8270D	EPA 8270D
Pyrene	----------	EPA 8270D / 8270D-SIM	EPA 8270D	EPA 8270D
Pyridine	----------	EPA 8270D	EPA 8270D	EPA 8270D

Parameter/Analyte	Air	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
1,2,4,5-Tetrachlorobenzene	----------	EPA 8270D	EPA 8270D	EPA 8270D
1,2,4-Trichlorobenzene	----------	EPA 8270D	EPA 8270D	EPA 8270D
2,4,5-Trichlorophenol	----------	EPA 8270D	EPA 8270D	EPA 8270D
2,4,6-Trichlorophenol	----------	EPA 8270D	EPA 8270D	EPA 8270D
Pesticides/Herbicides/PCBs				
Aldrin	----------	EPA 8081B	EPA 8081B	EPA 8081B
alpha-BHC	----------	EPA 8081B	EPA 8081B	EPA 8081B
alpha-Chlordane	----------	EPA 8081B	EPA 8081B	EPA 8081B
beta-BHC	----------	EPA 8081B	EPA 8081B	EPA 8081B
delta-BHC	----------	EPA 8081B	EPA 8081B	EPA 8081B
gamma-BHC (Lindane)	----------	EPA 8081B	EPA 8081B	EPA 8081B
gamma-Chlordane	----------	EPA 8081B	EPA 8081B	EPA 8081B
Chlordane (technical)	----------	EPA 8081B	EPA 8081B	EPA 8081B
2,4-D	----------	EPA 8151A	EPA 8151A	EPA 8151A
Dalapon	----------	EPA 8151A	EPA 8151A	EPA 8151A
2,4-DB	----------	EPA 8151A	EPA 8151A	EPA 8151A
4,4'-DDD	----------	EPA 8081B	EPA 8081B	EPA 8081B
4,4'-DDE	----------	EPA 8081B	EPA 8081B	EPA 8081B
4,4'-DDT	----------	EPA 8081B	EPA 8081B	EPA 8081B
Dicamba	----------	EPA 8151A	EPA 8151A	EPA 8151A
Dichloroprop	----------	EPA 8151A	EPA 8151A	EPA 8151A
Dieldrin	----------	EPA 8081B	EPA 8081B	EPA 8081B
Dinoseb	----------	EPA 8151A	EPA 8151A	EPA 8151A
Endosulfan I	----------	EPA 8081B	EPA 8081B	EPA 8081B
Endosulfan II	----------	EPA 8081B	EPA 8081B	EPA 8081B
Endonsulfan sulfate	----------	EPA 8081B	EPA 8081B	EPA 8081B
Endrin	----------	EPA 8081B	EPA 8081B	EPA 8081B
Endrin aldehyde	----------	EPA 8081B	EPA 8081B	EPA 8081B
Endrin ketone	----------	EPA 8081B	EPA 8081B	EPA 8081B
Heptachlor	----------	EPA 8081B	EPA 8081B	EPA 8081B
Heptachlor epoxide	----------	EPA 8081B	EPA 8081B	EPA 8081B
Isodrin	----------	EPA 8081B	EPA 8081B	EPA 8081B
MCPA	----------	EPA 8151A	EPA 8151A	EPA 8151A
MCPB	----------	EPA 8151A	EPA 8151A	EPA 8151A
MCPP	----------	EPA 8151A	EPA 8151A	EPA 8151A
Methoxychlor	----------	EPA 8081B	EPA 8081B	EPA 8081B
PCB-1016 (Arochlor)	----------	EPA 8082A	EPA 8082A	EPA 8082A
PCB-1221	----------	EPA 8082A	EPA 8082A	EPA 8082A
PCB-1232	----------	EPA 8082A	EPA 8082A	EPA 8082A
PCB-1242	----------	EPA 8082A	EPA 8082A	EPA 8082A
PCB-1248	----------	EPA 8082A	EPA 8082A	EPA 8082A
PCB-1254	----------	EPA 8082A	EPA 8082A	EPA 8082A
PCB-1260	----------	EPA 8082A	EPA 8082A	EPA 8082A
PCB-1262	----------	EPA 8082A	EPA 8082A	EPA 8082A
PCB-1268	----------	EPA 8082A	EPA 8082A	EPA 8082A
2,4,5-T	----------	EPA 8151A	EPA 8151A	EPA 8151A
2,4,5-TP	----------	EPA 8151A	EPA 8151A	EPA 8151A

Parameter/Analyte	Air	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Toxaphene	----------	EPA 8081B	EPA 8081B	EPA 8081B
Mirex	----------	EPA 8081B	EPA 8081B	EPA 8081B
Diallate	----------	EPA 8081B	EPA 8081B	EPA 8081B
Alachlor	----------	EPA 8081B	EPA 8081B	EPA 8081B
Chlorobenzilate	----------	EPA 8081B	EPA 8081B	EPA 8081B
MA-EPH (Carbon Ranges and Targets)	----------	MA-EPH	MA-EPH	MA-EPH
Florida PRO	----------	FL PRO	FL PRO	FL PRO
Inorganic Sample Preparation Methods				
Metals	----------	EPA 3005A	----------	EPA 3010A
Metals	----------	----------	EPA 3050B	EPA 3050B
Hexavalent Chromium	----------	----------	EPA 3060A	EPA 3060A
TKN	----------	SM 4500-N Org B or C EPA 351.2	----------	----------
Ammonia	----------	SM 4500-NH3 B	----------	----------
Cyanide Sample Preparation	----------	----------	EPA 9010C	EPA 9010C
Synthetic Precipitation Leaching Procedure (SPLP)	----------	----------	EPA 1312	EPA 1312
Toxicity Characteristic Leaching Procedure (TCLP)	----------	----------	EPA 1311	EPA 1311
Organic Sample Preparation Methods				
Semi-Volatile	----------	EPA 3535	EPA 3580	EPA 3545A
Semi-Volatile	----------	EPA 3510C	EPA 3550C	----------
Semi-Volatile	----------	----------	----------	EPA 3540C
Volatile	----------	EPA 5030B	EPA 5030B	EPA 5030B
Volatile	----------	EPA 5035A	EPA 5035A	EPA 5035A

Peter Rhyne

Parameter/Analyte	Air	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Propene	TO-15	----------	----------	----------
Dichlorodifluoromethane	TO-15	----------	----------	----------
Chloromethane	TO-15	----------	----------	----------
1,2-Dichlorotetrafluoroethane	TO-15	----------	----------	----------
Vinyl chloride	TO-15	----------	----------	----------
1,3-Butadiene	TO-15	----------	----------	----------
Bromomethane	TO-15	----------	----------	----------
Chloroethane	TO-15	----------	----------	----------
Acetone	TO-15	----------	----------	----------
Trichlorofluoromethane	TO-15	----------	----------	----------
Ethanol	TO-15	----------	----------	----------
Acrylonitrile	TO-15	----------	----------	----------
1,1-Dichloroethene	TO-15	----------	----------	----------
Methylene chloride	TO-15	----------	----------	----------
1,1,2-Trichlorotrifluoroethane	TO-15	----------	----------	----------
Carbon disulfide	TO-15	----------	----------	----------
trans-1,2-Dichloroethene	TO-15	----------	----------	----------
1,1-Dichloroethane	TO-15	----------	----------	----------
Methyl tert-butyl ether	TO-15	----------	----------	----------
Isopropyl alcohol	TO-15	----------	----------	----------
2-Butanone (MEK)	TO-15	----------	----------	----------
cis-1,2-Dichloroethene	TO-15	----------	----------	----------
Hexane	TO-15	----------	----------	----------
Ethyl acetate	TO-15	----------	----------	----------
Chloroform	TO-15	----------	----------	----------
Tetrahydrofuran	TO-15	----------	----------	----------
1,2-Dichloroethane	TO-15	----------	----------	----------
1,1,1-Trichloroethane	TO-15	----------	----------	----------
Benzene	TO-15	----------	----------	----------
Carbon tetrachloride	TO-15	----------	----------	----------
Cyclohexane	TO-15	----------	----------	----------
1,2-Dichloropropane	TO-15	----------	----------	----------
Bromodichloromethane	TO-15	----------	----------	----------
Trichloroethene	TO-15	----------	----------	----------
1,4-Dioxane	TO-15	----------	----------	----------
n-Heptane	TO-15	----------	----------	----------
4-Methyl-2-pentanone (MIBK)	TO-15	----------	----------	----------
Cis-1,3-Dichlorpropene	TO-15	----------	----------	----------
Trans-1,3-Dichloropropene	TO-15	----------	----------	----------
1,1,2-Trichloroethane	TO-15	----------	----------	----------
Toluene	TO-15	----------	----------	----------
2-Hexanone (MBK)	TO-15	----------	----------	----------
Dibromochloromethane	TO-15	----------	----------	----------
1,2-Dibromoethane (EDB)	TO-15	----------	----------	----------
Tetrachloroethene	TO-15	----------	----------	----------
Chlorobenzene	TO-15	----------	----------	----------
1,1,1,2-Tetrachloroethane	TO-15	----------	----------	----------
Ethylbenzene	TO-15	----------	----------	----------

Parameter/Analyte	Air	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
m,p-Xylene	TO-15	----------	----------	----------
o-Xylene	TO-15	----------	----------	----------
1,1,2,2-Tetrachloroethane	TO-15	----------	----------	----------
Isopropylbenzene	TO-15	----------	----------	----------
1,3,5-Trimethylbenzene	TO-15	----------	----------	----------
4-Ethyltoluene	TO-15	----------	----------	----------
1,2,4-Trimethylbenzene	TO-15	----------	----------	----------
Naphthalene	TO-15	----------	----------	----------
1,3-Dichlorobenzene	TO-15	----------	----------	----------
Benzyl chloride	TO-15	----------	----------	----------
1,4-Dichlorobenzene	TO-15	----------	----------	----------
Sec-Butylbenzene	TO-15	----------	----------	----------
4-Isopropyltoluene	TO-15	----------	----------	----------
1,2-Dichlorobenzene	TO-15	----------	----------	----------
n-Butylbenzene	TO-15	----------	----------	----------
1,2,4-Trichlorobenzene	TO-15	----------	----------	----------
Hexachlorobutadiene	TO-15	----------	----------	----------
Bromochloromethane	TO-15	----------	----------	----------
Bromoform	TO-15	----------	----------	----------
Styrene	TO-15	----------	----------	----------
Dissolved Gases				
Methane	----------	EPA 3C modified	----------	----------
Ethane	----------	EPA 3C modified	----------	----------
Ethene	----------	EPA 3C modified	----------	----------
Carbon dioxide	----------	EPA 3C modified	----------	----------
Hydrogen	----------	EPA 3C modified	----------	----------
Nitrogen	----------	EPA 3C modified	----------	----------
Oxygen	----------	EPA 3C modified	----------	----------
Fixed Gases				
Hydrogen	EPA 3C modified	----------	----------	----------
Carbon dioxide	EPA 3C modified	----------	----------	----------
Methane	EPA 3C modified	----------	----------	----------
Carbon monoxide	EPA 3C modified	----------	----------	----------
TO-18 (Ranges and Targets)	TO-18	----------	----------	----------
MA APH (Ranges and Targets)	MA APH	----------	----------	----------

Peter Rhoyer

The American Association for Laboratory Accreditation

World Class Accreditation

Accredited DoD ELAP Laboratory

A2LA has accredited

SPECTRUM ANALYTICAL, INC

Agawam, MA

for technical competence in the field of

Environmental Testing

In recognition of the successful completion of the A2LA evaluation process that includes an assessment of the laboratory's compliance with ISO/IEC 17025:2005, the 2003 NELAC Chapter 5 Standard, and the requirements of the Department of Defense Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in version 4.2 of the DoD Quality System Manual for Environmental Laboratories (QSM); accreditation is granted to this laboratory to perform recognized EPA methods as defined on the associated A2LA Environmental Scope of Accreditation. This accreditation demonstrates technical competence for this defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009*).

Presented this 20th day of March 2012.

President & CEO
For the Accreditation Council
Certificate Number 3226.01
Valid to January 31, 2014
Revised June 1, 2012

For the tests to which this accreditation applies, please refer to the laboratory's Environmental Scope of Accreditation.

APPENDIX D

ASBESTOS PLM LABORATORY ANALYSIS DATA AND CHAINS OF CUSTODY

Concourse A

TRC
Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Site: Bradley International Airport, Terminal B, Concourse A, Windsor Locks, CT
Lab Log #: 41416
Project #: 183572.4445.0710
Date Received: 10/05/12
Date Analyzed: 10/08/12 & 10/09/12

RESULTS

Sample No.	Color	Homogeneous	Multi-Layered	Layer No.	Other Matrix Mat'ls	Asbestos %	Asbestos Type
01	White (joint compound)	No	Yes	1	--	ND<1%	None
01	Grey (sheetrock)	No	Yes	2	--	ND<1%	None
02	White (joint compound)	No	Yes	1	--	ND<1%	None
02	Grey (sheetrock)	No	Yes	2	--	ND<1%	None
03	Brown	Yes	No	--	--	ND<1%	None
04	Brown	Yes	No	--	--	ND<1%	None
05	Dark Grey (skim coat)	No	Yes	1	--	ND<1%	None
05	Light Grey (base coat)	No	Yes	2	--	ND<1%	None
06	Dark Grey (skim coat)	No	Yes	1	--	ND<1%	None
06	Light Grey (base coat)	No	Yes	2	--	ND<1%	None
07	Dark Grey (skim coat)	No	Yes	1	--	ND<1%	None
07	Light Grey (base coat)	No	Yes	2	--	ND<1%	None
08	White (skim coat)	No	Yes	1	--	ND<1%	None
08	Grey (base coat)	No	Yes	2	--	ND<1%	None
09	White (skim coat)	No	Yes	1	--	ND<1%	None
09	Grey (base coat)	No	Yes	2	--	ND<1%	None
10	White (skim coat)	No	Yes	1	--	ND<1%	None
10	Grey (base coat)	No	Yes	2	--	ND<1%	None
11	Blue-Green	Yes	No	--	--	ND<1%	None

12	Blue-Green	Yes	No	--	--	ND<1%	None
13	White	Yes	No	--	--	ND<1%	None
14	White	Yes	No	--	--	ND<1%	None
15	Grey	Yes	No	--	--	ND<1%	None
16	Grey	Yes	No	--	--	ND<1%	None
17	Light Grey	Yes	No	--	--	ND<1%	None
18	Light Grey	Yes	No	--	--	ND<1%	None
19	Dark Grey	Yes	No	--	--	ND<1%	None
20	Dark Grey	Yes	No	--	--	ND<1%	None
21	Maroon	Yes	No	--	--	ND<1%	None
22	Maroon	Yes	No	--	--	ND<1%	None
23	Light Grey	Yes	No	--	--	ND<1%	None
24	Light Grey	Yes	No	--	--	ND<1%	None
25	Light Grey	Yes	No	--	--	ND<1%	None
26	Light Grey	Yes	No	--	--	ND<1%	None
27	White	Yes	No	--	--	ND<1%	None
28	White	Yes	No	--	--	ND<1%	None
29	Grey	Yes	No	--	--	ND<1%	None
30	Grey	Yes	No	--	--	ND<1%	None
31	Grey	Yes	No	--	--	ND<1%	None
32	Grey	Yes	No	--	--	ND<1%	None
33	White	Yes	No	--	--	ND<1%	None
34	White	Yes	No	--	--	ND<1%	None
35	White	Yes	No	--	--	ND<1%	None
36	White	Yes	No	--	--	ND<1%	None
37	Beige (glue)	No	Yes	1	--	ND<1%	None
37	Dark Blue (cove base)	No	Yes	2	--	ND<1%	None
38	Beige (glue)	No	Yes	1	--	ND<1%	None
38	Dark Blue (cove base)	No	Yes	2	--	ND<1%	None
39	Brown (glue)	No	Yes	1	--	ND<1%	None
39	Brown (cove base)	No	Yes	2	--	ND<1%	None
40	Brown (glue)	No	Yes	1	--	ND<1%	None
40	Brown (cove base)	No	Yes	2	--	ND<1%	None
41	Cream (glue)	No	Yes	1	--	ND<1%	None
41	Grey (cove base)	No	Yes	2	--	ND<1%	None
42	Cream (glue)	No	Yes	1	--	ND<1%	None

42	Grey (cove base)	No	Yes	2	--	ND<1%	None
43	White (glue)	No	Yes	1	--	ND<1%	None
43	Brown (cove base)	No	Yes	2	--	ND<1%	None
44	White (glue)	No	Yes	1	--	ND<1%	None
44	Brown (cove base)	No	Yes	2	--	ND<1%	None
45	White (glue)	No	Yes	1	--	ND<1%	None
45	Black (cove base)	No	Yes	2	--	ND<1%	None
46	White (glue)	No	Yes	1	--	ND<1%	None
46	Black (cove base)	No	Yes	2	--	ND<1%	None
47	Cream (glue)	No	Yes	1	--	ND<1%	None
47	Blue (cove base)	No	Yes	2	--	ND<1%	None
48	Cream (glue)	No	Yes	1	--	ND<1%	None
48	Blue (cove base)	No	Yes	2	--	ND<1%	None
49	Yellow (glue)	No	Yes	1	--	ND<1%	None
49	Grey (cove base)	No	Yes	2	--	ND<1%	None
50	Yellow (glue)	No	Yes	1	--	ND<1%	None
50	Grey (cove base)	No	Yes	2	--	ND<1%	None
51	Tan (glue)	No	Yes	1	--	ND<1%	None
51	Brown (cove base)	No	Yes	2	--	ND<1%	None
52	Tan (glue)	No	Yes	1	--	ND<1%	None
52	Brown (cove base)	No	Yes	2	--	ND<1%	None
53	Tan/Brown (glue)	No	Yes	1	--	Trace	Anthophyllite
53	Grey/Blue (cove base)	No	Yes	2	--	ND<1%	None
54	Tan/Brown (glue)	No	Yes	1	--	Trace	Anthophyllite
54	Grey/Blue (cove base)	No	Yes	2	--	ND<1%	None
55	Brown/Cream (glue)	No	Yes	1	--	ND<1%	None
55	Pink/Maroon (cove base)	No	Yes	2	--	ND<1%	None
56	Brown/Cream (glue)	No	Yes	1	--	ND<1%	None
56	Pink/Maroon (cove base)	No	Yes	2	--	ND<1%	None
57	Yellow (glue)	No	Yes	1	--	ND<1%	None
57	Dark Blue (cove base)	No	Yes	2	--	ND<1%	None
58	Yellow (glue)	No	Yes	1	--	ND<1%	None
58	Dark Blue (cove base)	No	Yes	2	--	ND<1%	None
59	Beige (glue)	No	Yes	1	--	ND<1%	None
59	Grey (cove base)	No	Yes	2	--	ND<1%	None
60	Beige (glue)	No	Yes	1	--	ND<1%	None

60	Grey (cove base)	No	Yes	2	--	ND<1%	None
61	White/Grey	Yes	No	--	30% cellulose 30% mineral wool	ND<1%	None
62	White/Grey	Yes	No	--	30% cellulose 30% mineral wool	ND<1%	None
63	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
64	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
65	White/Grey	Yes	No	--	30% cellulose 60% mineral wool	ND<1%	None
66	White/Grey	Yes	No	--	30% cellulose 60% mineral wool	ND<1%	None
67	White/Grey	Yes	No	--	30% cellulose 60% mineral wool	ND<1%	None
68	White/Grey	Yes	No	--	30% cellulose 60% mineral wool	ND<1%	None
69	White/Grey	Yes	No	--	30% cellulose 60% mineral wool	ND<1%	None
70	White/Grey	Yes	No	--	30% cellulose 60% mineral wool	ND<1%	None
71	White/Grey	Yes	No	--	10% cellulose 80% mineral wool	ND<1%	None
72	White/Grey	Yes	No	--	10% cellulose 80% mineral wool	ND<1%	None
73	White/Grey	Yes	No	--	10% cellulose 80% mineral wool	ND<1%	None
74	White/Grey	Yes	No	--	10% cellulose 80% mineral wool	ND<1%	None
75	Black (mastic)	No	Yes	1	--	20%	Chrysotile
75	Tan/Brown (tile)	No	Yes	2	--	3%	Chrysotile
76	--	--	--	--	--	NA/PS	--
76	--	--	--	--	--	NA/PS	--
77	Black (mastic)	No	Yes	1	--	10%	Chrysotile
77	White (tile)	No	Yes	2	--	ND<1%	None
78	--	--	--	--	--	NA/PS	--
78	White (tile)	No	Yes	2	--	ND<1%	None
79	Black (mastic)	No	Yes	1	--	ND<1%	None
79	Grey (tile)	No	Yes	2	--	3%	Chrysotile
80	Black (mastic)	No	Yes	1	--	ND<1%	None
80	--	--	--	--	--	NA/PS	--
81	Tan	Yes	No	--	--	ND<1%	None
82	Tan	Yes	No	--	--	ND<1%	None
83	Tan (mastic)	No	Yes	1	--	ND<1%	None
83	Cream (tile)	No	Yes	2	--	ND<1%	None
84	Tan (mastic)	No	Yes	1	--	ND<1%	None
84	Cream (tile)	No	Yes	2	--	ND<1%	None
85	Black (mastic)	No	Yes	1	--	ND<1%	None

85	Tan/Brown (tile)	No	Yes	2	--	3%	Chrysotile
86	Black (mastic)	No	Yes	1	--	ND<1%	None
86	--	--	--	--	--	NA/PS	--
87	Black (mastic)	No	Yes	1	--	ND<1%	None
87	Grey (tile)	No	Yes	2	--	ND<1%	None
88	Black (mastic)	No	Yes	1	--	ND<1%	None
88	Grey (tile)	No	Yes	2	--	ND<1%	None
89	White/Blue	Yes	No	--	--	ND<1%	None
90	White/Blue	Yes	No	--	--	ND<1%	None
91	Black (mastic)	No	Yes	1	--	Trace	Chrysotile
91	White (tile)	No	Yes	2	--	ND<1%	None
92	Black (mastic)	No	Yes	1	--	Trace	Chrysotile
92	White (tile)	No	Yes	2	--	ND<1%	None
93	Yellow	Yes	No	--	--	ND<1%	None
94	Yellow	Yes	No	--	--	ND<1%	None
95	Brown	Yes	No	--	--	ND<1%	None
96	Brown	Yes	No	--	--	ND<1%	None
97	Cream	Yes	No	--	--	ND<1%	None
98	Cream	Yes	No	--	--	ND<1%	None
99	Black	Yes	No	--	--	30%	Chrysotile
100	--	--	--	--	--	NA/PS	--
101	Tan	Yes	No	--	--	ND<1%	None
102	Tan	Yes	No	--	--	ND<1%	None
103	Brown	Yes	No	--	--	ND<1%	None
104	Brown	Yes	No	--	--	ND<1%	None
105	Tan	Yes	No	--	--	ND<1%	None
106	Tan	Yes	No	--	--	ND<1%	None
107	Tan	Yes	No	--	--	ND<1%	None
108	Tan	Yes	No	--	--	ND<1%	None
109	Black	Yes	No	--	--	ND<1%	None
110	Black	Yes	No	--	--	ND<1%	None
111	Beige/Brown	Yes	No	--	--	ND<1%	None
112	Beige/Brown	Yes	No	--	--	ND<1%	None
113	Brown	Yes	No	--	--	ND<1%	None
114	Brown	Yes	No	--	--	ND<1%	None
115	Tan	Yes	No	--	--	ND<1%	None

116	Tan	Yes	No	--	--	ND<1%	None
117	Brown	Yes	No	--	--	ND<1%	None
118	Brown	Yes	No	--	--	ND<1%	None
119	Yellow	Yes	No	--	--	ND<1%	None
120	Yellow	Yes	No	--	--	ND<1%	None
121	Yellow	Yes	No	--	--	ND<1%	None
122	Yellow	Yes	No	--	--	ND<1%	None
123	Brown/Yellow	Yes	No	--	--	ND<1%	None
124	Brown/Yellow	Yes	No	--	--	ND<1%	None
125	Tan	Yes	No	--	--	ND<1%	None
126	Tan	Yes	No	--	--	ND<1%	None
127	Yellow	Yes	No	--	--	ND<1%	None
128	Yellow	Yes	No	--	--	ND<1%	None
129	Tan	Yes	No	--	--	ND<1%	None
130	Tan	Yes	No	--	--	ND<1%	None
131	White	Yes	No	--	--	ND<1%	None
132	White	Yes	No	--	--	ND<1%	None
133	Light Brown	Yes	No	--	--	ND<1%	None
134	Light Brown	Yes	No	--	--	ND<1%	None
135	Tan	Yes	No	--	--	ND<1%	None
136	Tan	Yes	No	--	--	ND<1%	None
137	White-Grey	Yes	No	--	--	ND<1%	None
138	White-Grey	Yes	No	--	--	ND<1%	None
139	Tan	Yes	No	--	--	ND<1%	None
140	Tan	Yes	No	--	--	ND<1%	None
141	Yellow	Yes	No	--	--	ND<1%	None
142	Yellow	Yes	No	--	--	ND<1%	None
143	Cream	Yes	No	--	--	ND<1%	None
144	Cream	Yes	No	--	--	ND<1%	None
145	Grey	Yes	No	--	--	ND<1%	None
146	Grey	Yes	No	--	--	ND<1%	None
147	Grey	Yes	No	--	--	ND<1%	None
148	Grey	Yes	No	--	--	ND<1%	None
149	Tan	Yes	No	--	--	ND<1%	None
150	Tan	Yes	No	--	--	ND<1%	None
151	Black	Yes	No	--	--	Trace	Anthophyllite

152	Black	Yes	No	--	--	Trace	Anthophyllite
153	Grey	Yes	No	--	--	Trace	Anthophyllite
154	Grey	Yes	No	--	--	Trace	Anthophyllite
155	White	Yes	No	--	--	ND<1%	None
156	White	Yes	No	--	--	ND<1%	None
157	Yellow	Yes	No	--	--	ND<1%	None
158	Yellow	Yes	No	--	--	ND<1%	None
159	White/Yellow	Yes	No	--	20% cellulose 20% fiberglass	ND<1%	None
160	White/Yellow	Yes	No	--	20% cellulose 20% fiberglass	ND<1%	None
161	Brown/Orange	Yes	No	--	--	ND<1%	None
162	Brown/Orange	Yes	No	--	--	ND<1%	None
163	Black	Yes	No	--	--	ND<1%	None
164	Black	Yes	No	--	--	ND<1%	None
165	Black	Yes	No	--	30% cellulose	ND<1%	None
166	Black	Yes	No	--	30% cellulose	ND<1%	None
167	Yellow	Yes	No	--	--	Trace	Chrysotile
168	Yellow	Yes	No	--	--	Trace	Chrysotile
169	Yellow	Yes	No	--	--	ND<1%	None
170	Yellow	Yes	No	--	--	ND<1%	None
171	Green	Yes	No	--	--	ND<1%	None
172	Green	Yes	No	--	--	ND<1%	None
173	Orange/Colorless	Yes	No	--	--	ND<1%	None
174	Orange/Colorless	Yes	No	--	--	ND<1%	None
175	Yellow	Yes	No	--	--	ND<1%	None
176	Yellow	Yes	No	--	--	ND<1%	None
177	Cream	Yes	No	--	--	ND<1%	None
178	Cream	Yes	No	--	--	ND<1%	None
179	Yellow	Yes	No	--	--	ND<1%	None
180	Yellow	Yes	No	--	--	ND<1%	None
181	White	Yes	No	--	--	ND<1%	None
182	White	Yes	No	--	--	ND<1%	None
183	Tan	Yes	No	--	--	ND<1%	None
184	Tan	Yes	No	--	--	ND<1%	None
185	Grey	Yes	No	--	--	ND<1%	None
186	Grey	Yes	No	--	--	ND<1%	None

187	Grey/Yellow	Yes	No	--	--	ND<1%	None
188	Grey/Yellow	Yes	No	--	--	ND<1%	None
189*	Beige	Yes	No	--	--	6.5%	Chrysotile
190	--	--	--	--	--	NA/PS	--
191	--	--	--	--	--	NA/PS	--
192	Yellow	Yes	No	--	--	ND<1%	None
193	Yellow	Yes	No	--	--	ND<1%	None
194	Grey	Yes	No	--	2% cellulose	ND<1%	None
195	Grey	Yes	No	--	2% cellulose	ND<1%	None
196	Grey	Yes	No	--	--	Trace	Chrysotile
197	Grey	Yes	No	--	--	Trace	Chrysotile
198	Black	Yes	No	--	--	10%	Chrysotile
199	--	--	--	--	--	NA/PS	--
200	White	Yes	No	--	--	ND<1%	None
201	White	Yes	No	--	--	ND<1%	None
202	Black	Yes	No	--	--	ND<1%	None
203	Black	Yes	No	--	--	ND<1%	None
204	Dark Brown	Yes	No	--	--	ND<1%	None
205	Dark Brown	Yes	No	--	--	ND<1%	None
206	Black	Yes	No	--	--	ND<1%	None
207	Black	Yes	No	--	--	ND<1%	None
208	White	Yes	No	--	20% cellulose	ND<1%	None
209	White	Yes	No	--	20% cellulose	ND<1%	None
210	Grey	Yes	No	--	--	ND<1%	None
211	Grey	Yes	No	--	--	ND<1%	None
212	Brown	Yes	No	--	60% cellulose	ND<1%	None
213	Brown	Yes	No	--	60% cellulose	ND<1%	None
214	Dark Brown	Yes	No	--	--	ND<1%	None
215	Dark Brown	Yes	No	--	--	ND<1%	None
216	Red	Yes	No	--	--	ND<1%	None
217	Red	Yes	No	--	--	ND<1%	None
218	Black/Silver	Yes	No	--	60% cellulose	ND<1%	None
219	Black/Silver	Yes	No	--	60% cellulose	ND<1%	None
220	Black/Silver	Yes	No	--	60% cellulose	ND<1%	None
221	Black/Silver	Yes	No	--	60% cellulose	ND<1%	None
222	White	Yes	No	--	10% cellulose 10% fiberglass	ND<1%	None

223	White	Yes	No	--	10% cellulose 10% fiberglass	ND<1%	None
224	White	Yes	No	--	10% cellulose 10% fiberglass	ND<1%	None
225	White	Yes	No	--	--	ND<1%	None
226	White	Yes	No	--	--	ND<1%	None
227	White	Yes	No	--	--	ND<1%	None
228	Black	Yes	No	--	--	20%	Chrysotile
229	--	--	--	--	--	NA/PS	--
230	Black	Yes	No	--	--	5%	Chrysotile
231	--	--	--	--	--	NA/PS	--
232	Black	Yes	No	--	--	20%	Chrysotile
233	--	--	--	--	--	NA/PS	--
234	Black	Yes	No	--	--	ND<1%	None
235	Black	Yes	No	--	--	ND<1%	None
236	Grey	Yes	No	--	30% mineral wool	ND<1%	None
237	Grey	Yes	No	--	30% mineral wool	ND<1%	None
238	Grey	Yes	No	--	30% mineral wool	ND<1%	None
239	Tan	Yes	No	--	--	60%	Chrysotile
240	--	--	--	--	--	NA/PS	--
241	Pink	Yes	No	--	--	5%	Chrysotile
242	--	--	--	--	--	NA/PS	--
243	Beige	Yes	No	--	--	ND<1%	None
244	Beige	Yes	No	--	--	ND<1%	None
245	Black (mastic)	No	Yes	1	2% cellulose	ND<1%	None
245	White (tile)	No	Yes	2	--	5%	Chrysotile
246	Black (mastic)	No	Yes	1	2% cellulose	ND<1%	None
246	--	--	--	--	--	NA/PS	--

NA/PS- Not Analyzed/Positive Stop

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace- asbestos was observed at level of less than 1%

* Analyzed by 400 Point Count Method

Reporting limit- asbestos present at 0.25% for 400 Point Count Method
ND- No asbestos was detected by 400 Point Count Method
Trace concentrations of asbestos are concentrations that are less than or equal 1% including samples that contain zero asbestos points out of 400 nonempty points, but did contain asbestos positively identified by PLM.

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2013. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by _____
Kathleen Williamson, Laboratory Manager

Reviewed by _____
Kathleen Williamson, Laboratory Manager
or other approved signatory

Date Issued: 10-09-2012

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 414/6

PROJECT NUMBER	PROJECT NAME CT DOT	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	BIA - Terminal B, Concourse A		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day
SIGNATURE	INSPECTOR Gregory Kaczynski									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
01	9/25/12	1439		x	1st Floor DAL G4	X		X	X		Shr_1 Gray shtr w/white JC
02	9/27/12	0918		x	1st Floor Security Area	X		X	X		Shr_1 Gray shtr w/white JC
03	**10/1/12**	1011		x	Gr.Fl. Women's E	X			X		Shr_2 Brown Shtr/no JC
04	**10/1/12**	1014		x	Gr.Fl. Men's F	X			X		Shr_2 Brown Shtr/no JC
05	**10/1/12**	1115		x	Gr.Fl Room 94, Mech.	X		X	X		Pl_1 Lt. Gray base coat w/dk. Gray skim coat
06	**10/1/12**	1116		x	Gr.Fl Room 94, Mech.	X		X	Xx		Pl_1 Lt. Gray base coat w/dk. Gray skim coat
07	**10/1/12**	1117		x	Gr.Fl Room 94, Mech.	X		X	X		Pl_1 Lt. Gray base coat w/dk. Gray skim coat
08	10/1/12	1202		x	Gr. Fl stairwell 94	X		X	X		Pl_2 Wht. Skim coat w. gray base coat
09	10/1/12	1203		x	Gr. Fl stairwell 94	X		X	X		Pl_2 Wht. Skim coat w. gray base coat
10	10/1/12	1205		x	Gr. Fl stairwell 94	X		X	X		Pl_2 Wht. Skim coat w. gray base coat
11	9/26/12	0854		x	1st Fl. Paradies Gift	X			X		Gr_1 Blue/Grn bet.12x12 stone panels on cntr facade

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/5/2012	10/5/12			
(Printed) Gregory Kaczynski	Time: 1645	(Printed) Kathleen Williamson 1700	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: ok
Acceptable: Yes ✓ No
Comments:

Edition: October 2009
Supersede Previous Edition

TRC

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41416

TURNAROUND TIME								
PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr	X	3day		5day

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA - Terminal B, Concourse A
SIGNATURE	INSPECTOR: Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
12	9/26/12	0858		x	1st Fl. Paradies Gift	X			X		Gr_1 Blue/Grn bet.12x12 stone panels on cntr facade
13	9/26/12	0920		x	1st Men's	X			X		Gr_2 Wht. grout bet. 4x4 ceramic wall tile
14	9/26/12	1127		x	1st Fl. Women's 2	X			X		Gr_2 Wht. grout bet. 4x4 ceramic wall tile
15	9/26/12	1130		x	1st Fl. Women's 2	X			X		Gr_3 Gray grout assoc. w/2 in. ceramic floor tile
16	10/3/12	1158		x	1st Fl. Women's	X			X		Gr_3 Gray grout assoc. w/2 in. ceramic floor tile
17	9/26/12	1002		x	1st Fl. Janitor's Closet	X			X		Gr_{4a} Lt. Gray Grout bet. Multi sized sm. Cer. tile
18	10/3/12	1153		x	1st Fl. Janitor's Closet	X			X		Gr_{4a} Lt. Gray Grout bet. Multi sized sm. Cer. tile
19	9/26/12	1000		x	1st Fl. Janitor's Closet	X			X		Gr_{4b} Dk. Gray Grout under Multi sized sm. Cer. tile
20	10/3/12	1154		x	1st Fl. Janitor's Closet	X			X		Gr_{4b} Dk. Gray Grout under Multi sized sm. Cer. tile
21	9/26/12	1028		x	1st Fl. Host Bar	X			X		Gr_{5a} Maroon Grout bet. 4 in. x 8 in. Cer. Fl. Tile
22	9/26/12	1029		x	1st Fl. Host Bar	X			X		Gr_{5a} Maroon Grout bet. 4 in. x 8 in. Cer. Fl. Tile

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/5/2012	10/5/12			
(Printed) Gregory Kaczynski	Time: 1645	(Printed) Kathleen Williamson 1700	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41416

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	BIA - Terminal B, Concourse A		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day
SIGNATURE	INSPECTOR Gregory Kaczynski									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
23	9/26/12	1030		X	1st Fl. Host Bar	X			X		Gr_{5b} Lt. Gray Grout under 4 in. x 8 in. Cer. Fl. Tile
24	9/26/12	1032		X	1st Fl. Host Bar	X			X		Gr_{5b} Lt. Gray Grout under 4 in. x 8 in. Cer. Fl. Tile
25	9/26/12	1144		X	1st Fl. Women's 2	X			X		Gr_6 Lt. Gray Grout/paper und. 2 in. Cer. Fl. Tile
26	9/26/12	1145		X	1st Fl. Women's 2	X			X		Gr_6 Lt. Gray Grout/paper und. 2 in. Cer. Fl. Tile
27	9/27/12	1330		X	Grnd. Fl. Hall o/s 116 BSX	X			X		Gr_{7a} Wht. Grout bet. 4 in. Cer. Wall base
28	9/27/12	1326		X	Grnd. Fl. Hall o/s 116 BSX	X			X		Gr_{7a} Wht. Grout bet. 4 in. Cer. Wall base
29	9/27/12	1331		X	Grnd. Fl. Hall o/s 116 BSX	X			X		Gr_{7b} Gray Grout behind 4 in. Cer. Wall base
30	9/27/12	1324		X	Grnd. Fl. Hall o/s 116 BSX	X			X		Gr_{7b} Gray Grout behind 4 in. Cer. Wall base
31	10/1/12	1002		X	Grnd. Fl. Women's E	X			X		Gr_8 Gray Grout assoc. w/.75x.75 in. Cer. Fl. Tile
32	10/1/12	1005		X	Grnd. Fl. Women's E	X			X		Gr_8 Gray Grout assoc. w/.75x.75 in. Cer. Fl. Tile
33	10/1/12	1009		X	Grnd. Fl. Women's E	X			X		Gr_{9a} Wht. Grout bet. 4 in. x 4 in. Cer. Wall Tile

Relinquished by: (Signature)	Date:	Received by: (Signature) 10/5/12	Relinquished by: (Signature)	Date:	Received by: (Signature)
(Printed) Gregory Kaczynski	Time: 1645	(Printed) Kathleen Williamson 1700	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 414/6

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	BIA - Terminal B, Concourse A		PLM: 8hr / 24hr / 48hr / X 3day TEM: 24hr / 48hr / X 3day / 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
34	10/1/12	1016		X	Grnd. Fl. Men's F	X			X		Gr_{9a} Wht. Grout bet. 4 in. x 4 in. Cer. Wall Tile
35	10/1/12	1010		X	Grnd. Fl. Women's E	X			X		Gr_{9b} Wht. Grout und. 4 in. x 4 in. Cer. Wall Tile
36	10/1/12	1018		X	Grnd. Fl. Men's F	X			X		Gr_{9b} Wht. Grout und. 4 in. x 4 in. Cer. Wall Tile
37	9/25/12	1334		X	1st Fl. Near Gate B3/DAL	X		X		X	CB_1 4 in. Dk. Blue Cove Base w/dk. Brn/beige glue
38	10/3/12	1130		X	1st Fl. Near Gate B3/DAL	X		X			CB_1 4 in. Dk. Blue Cove Base w/dk. Brn/beige glue
39	9/25/12	1408		X	1st Walkway o/s Men's	X		X		X	CB_2 4 in. Brn. Cove Base (no lip) w/Brn. Glue
40	10/3/12	1136		X	1st Fl. DAL	X		X			CB_2 4 in. Brn. Cove Base (no lip) w/Brn. Glue
41	9/26/12	0846		X	1st Fl. Paradies Gift	X		X		X	CB_3 4 in. Gray Cove Base w/cream glue
42	9/27/12	0758		X	1st Fl. B4 Boarding Ramp	X		X			CB_3 4 in. Gray Cove Base w/cream glue
43	9/26/12	1051		X	1st Fl. Room 106	X		X		X	CB_4 4 in. Brn. Cove Base w/Wht glue
44	10/3/12	1150		X	1st Fl. Room 106	X		X			CB_4 4 in. Brn. Cove Base w/Wht glue

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/5/2012	10/5/12			
(Printed) Gregory Kaczynski	Time: 1645	(Printed) Kathleen Williamson 1700	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples:
Acceptable: Yes ___ No ___
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 4141 6

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA - Terminal B, Concourse A

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME								
PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr	X	3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
45	9/26/12	1502		X	1st Fl. B5 Boarding Ramp	X		X		X	CB_5 Blk 4 in. Cove Base w/wht stretchy glue
46	9/26/12	1503		X	1st Fl. B5 Boarding Ramp	X		X			CB_5 Blk 4 in. Cove Base w/wht stretchy glue
47	9/27/12	0858		X	1st Fl. Security Lobby	X		X		X	CB_6 6 in. Blue Cove Base w/cream glue
48	10/3/12	1315		X	1st Fl. Security Lobby	X		X			CB_6 6 in. Blue Cove Base w/cream glue
49	9/27/12	1035		X	Gr. Fl. 117A	X		X		X	CB_7 4 in. Gray Cove Base w/ Yellow Glue
50	9/27/12	1036		X	Gr. Fl. 117A	X		X			CB_7 4 in. Gray Cove Base w/ Yellow Glue
51	9/27/12	1337		X	Gr. Fl. Hallway o/s N. Stairwell	X		X		X	CB_8 4 in. Brn. Cove Base w/Tan Glue
52	9/27/12	1501		X	Gr. Fl. G-05	X		X			CB_8 4 in. Brn. Cove Base w/Tan Glue
53	9/28/12	1211		X	Gr. Fl. AAL Rm. 138	X		X		X	CB_9 4 in. Gray/Blue Cove Base w/Tan, Brn Glue
54	9/28/12	1214		X	Gr. Fl. AAL Rm. 139	X		X			CB_9 4 in. Gray/Blue Cove Base w/Tan, Brn Glue
55	10/1/12	0820		X	G. Fl. Room 106	X		X		X	CB_{10} 4 in. Pink/maroon Cove Base w/Brn, cream Gl.

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(Printed) Gregory Kaczynski	Time: 1645	(Printed) 1700 Kathleen Williamson	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples OK
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 4141L

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA - Terminal B, Concourse A

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME								
PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr	X	3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
56	10/1/12	0821		X	Gr. Fl. Room 107	X		X			CB_{10} 4 in. Pink/maroon Cove Base w/Brn, cream Gl.
57	10/1/12	0903		X	Gr. Fl. Room 103B	X		X		X	CB_{11} 4 in. Dk. Blue Cove Base w/Yellow Glue
58	10/1/12	0904		X	Gr. Fl. Room 103B	X		X			CB_{11} 4 in. Dk. Blue Cove Base w/Yellow Glue
59	10/1/12	1130		X	Gr. Fl. Room 103	X		X		X	CB_{12} 6 in. Cove Base w/Beige Glue
60	10/1/12	1131		X	Gr. Fl. Room 103	X		X			CB_{12} 6 in. Cove Base w/Beige Glue
61	9/26/12	1048		X	1st Fl. Room 106	X			X		CT_1 2x4 Comma/Pinhole Ceiling Tile
62	9/27/12	1048		X	Gr. Fl. Room 117A	X			X		CT_1 2x4 Comma/Pinhole Ceiling Tile
63	9/28/12	0959		X	Gr. Fl. G-06	X			X		CT_3 2x4 sm. Pinhole w/sm. Numerous wormhole
64	9/28/12	1001		X	Gr. Fl. G-06	X			X		CT_3 2x4 sm. Pinhole w/sm. Numerous wormhole
65	10/1/12	0825		X	1st Fl. Room 106	X			X		CT_4 2x4 lg. Wormhole/Pinhole Ceiling Tile
66	10/1/12	0836		X	1st Fl. Room 105	X			X		CT_4 2x4 lg. Wormhole/Pinhole Ceiling Tile

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/5/2012	10/5/12			
(Printed) Gregory Kaczynski	Time: 1645	(Printed) Kathleen Williamson 1700	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ____ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41916

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA - Terminal B, Concourse A

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME								
PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr	X	3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
67	10/1/12	0846		X	Gr. Fl. Hallway o/s Room 97	X			X		CT_5 2x4 Clean Pinhole/sm. Dash Ceiling Tile
68	10/1/12	0847		X	Gr. Fl. Hallway o/s Room 97	X			X		CT_5 2x4 Clean Pinhole/sm. Dash Ceiling Tile
69	10/1/12	0856		X	Gr. Fl. 103B	X			X		CT_6 2x4 Clean Pinhole/Wormhole Ceiling Tile
70	10/1/12	0858		X	Gr. Fl. 103B	X			X		CT_6 2x4 Clean Pinhole/Wormhole Ceiling Tile
71	10/3/12	1115		X	1st Fl. State Room	X			X		CT_7 2x2 Coarse/Pinhole Ceiling Tile
72	10/3/12	1116		X	1st Fl. State Room	X			X		CT_7 2x2 Coarse/Pinhole Ceiling Tile
73	10/3/12	1313		X	1st Fl. Gate 2 Hallway	X			X		CT_8 2x2 Heavy Coarse/Pinhole Ceiling Tile
74	10/3/12	1314		X	1st Fl. Gate 2 Hallway	X			X		CT_8 2x2 Heavy Coarse/Pinhole Ceiling Tile
75	9/25/12	1410		X	DAL Storage Room	X		X		X	FT_1 12x12 Tan w/Brown Striations/Blk Mastic
76	10/3/12	1142		X	DAL Storage Room	X		X			FT_1 12x12 Tan w/Brown Striations/Blk Mastic
77	9/26/12	1115		X	1st Fl. AAL	X		X		X	FT_2 Wht. Floor Tile w/Black Mastic

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/5/2012	10/5/12			
(Printed) Gregory Kaczynski	Time: 1645	(Printed) Kathleen Williamson 1700	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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TELEPHONE (860) 298-9692
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 4141 6

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA - Terminal B, Concourse A

SIGNATURE	INSPECTOR
	Gregory Kaczynski

PARAMETERS

TURNAROUND TIME									
PLM:		8hr		24hr		48hr	X	3day	
TEM:		24hr		48hr	X	3day		5day	

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
78	9/26/12	1116		X	1st Fl. AAL	X		X			FT_2 Wht. Floor Tile w/Black Mastic
79	9/27/12	1128		X	Gr. Fl. Room 116	X		X		X	FT_3 Thin Gray Floor Tile w/ Black Mastic
80	9/27/12	1129		X	Gr. Fl. Room 116	X		X			FT_3 Thin Gray Floor Tile w/ Black Mastic
81	9/26/12	1116		X	1st Fl. Stairwell	X				X	FT_{3a} 12x12 Tan Confetti Self Stick Floor Tile
82	10/3/12	1201		X	1st Fl. Stairwell B	X					FT_{3a} 12x12 Tan Confetti Self Stick Floor Tile
83	9/27/12	1130		X	Gr. Fl. Room 116	X		X		X	FT_4 Cream Floor Tile w/Tan Mastic
84	9/27/12	1131		X	Gr. Fl. Room 116	X		X			FT_4 Cream Floor Tile w/Tan Mastic
85	9/27/12	1412		X	Gr. Fl. G-04	X		X		X	FT_5 9x9 Thin Tan w/Brn. Streaks w/Black Mastic
86	9/27/12	1414		X	Gr. Fl. G-04	X		X			FT_5 9x9 Thin Tan w/Brn. Streaks w/Black Mastic
87	9/28/12	1123		X	Gr. Fl. G-10	X		X		X	FT_6 12x12 Mottled Gray w/ Black Mastic
88	9/28/12	1127		X	Gr. Fl. G-10	X		X			FT_6 12x12 Mottled Gray w/ Black Mastic

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/5/2012	10/5/12			
(Printed) Gregory Kaczynski	Time: 1645	(Printed) 1700 Kathleen Williamson	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: ok
Acceptable: Yes ✓ No _____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41416

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	BIA - Terminal B, Concourse A		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day

SIGNATURE

INSPECTOR: Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
89	10/1/12	0906		X	Gr. Fl. Room 97	X				X	FT_7 12x12 Wht w/Blue Confetti Pattern (no Glue)
90	10/1/12	0908		X	Gr. Fl. Room 97	X					FT_7 12x12 Wht w/Blue Confetti Pattern (no Glue)
91	10/1/12	1118		X	Gr. Fl. Room 103	X		X		X	FT_8 12x12 Wht Stone Pattern w/Black Mastic
92	10/1/12	1119		X	Gr. Fl. Room 103	X		X			FT_8 12x12 Wht Stone Pattern w/Black Mastic
93	9/25/12	1328		X	1st Fl. Near Gate B3 Walkway	X				X	G_1 Yellow Glue Under Gray Leveler
94	10/3/12	1124		X	1st Fl. DAL	X					G_1 Yellow Glue Under Gray Leveler
95	9/26/12	0842		X	1st Fl. Paradies Gift	X				X	G_2 Brn. Glue Behind 4 in. Wood Baseboard
96	9/26/12	0853		X	1st Fl. Paradies Gift	X					G_2 Brn. Glue Behind 4 in. Wood Baseboard
97	9/26/12	0855		X	1st Fl. Paradies Gift	X				X	G_3 Cream Glue Behind 12x12 Stone Panels (counter)
98	9/26/12	0859		X	1st Fl. Paradies Gift	X					G_3 Cream Glue Behind 12x12 Stone Panels (counter)
99	9/26/12	1012		X	1st Fl. Host Bar	X				X	G_4 Black Residual Glue Daubs Behind Mirrors

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/5/2012	10/5/12			
(Printed) Gregory Kaczynski	Time: 1645	(Printed) Kathleen Williamson 1700	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: ✓
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41416

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA - Terminal B, Concourse A
SIGNATURE	INSPECTOR: Gregory Kaczynski

TURNAROUND TIME								
PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr	X	3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
100	9/26/12	1014		X	1st Fl. Host Bar	X					G_4 Black Residual Glue Daubs Behind Mirrors
101	9/26/12	1036		X	1st Fl. Host Bar	X				X	G_5 Tan Glue Behind 8 in. Cer. Wall Base on Facade
102	9/26/12	1037		X	1st Fl. Host Bar	X					G_5 Tan Glue Behind 8 in. Cer. Wall Base on Facade
103	9/26/12	1044		X	1st Fl. Room 106	X				X	G_6 Brn. Glue under Windowsill Particle Board
104	9/26/12	1046		X	1st Fl. Room 106	X					G_6 Brn. Glue under Windowsill Particle Board
105	9/26/12	1058		X	1st Fl. Room 106A	X				X	G_7 Tan Glue assoc. w/CB_4
106	9/26/12	1109		X	1st Fl. AAL	X					G_7 Tan Glue assoc. w/CB_4
107	9/26/12	1308		X	1st Fl. AAL Area	X				X	G_8 Tan Glue under CB_2
108	9/26/12	1310		X	1st Fl. AAL Area	X					G_8 Tan Glue under CB_2
109	9/26/12	1344		X	1st Fl. Stairwell A	X				X	G_9 Black Mastic
110	9/26/12	1346		X	1st Fl. Stairwell A	X					G_9 Black Mastic

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/5/2012	10/5/12			
(Printed) Gregory Kaczynski	Time: 1645	(Printed) Kathleen Williamson	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 4/4/6

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	BIA - Terminal B, Concourse A		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day
SIGNATURE	INSPECTOR Gregory Kaczynski									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
111	9/26/12	1349		x	1st Fl. B7 Boarding Ramp	X				X	G_{10} Beige/Brown Glue Under Rubber Tread
112	9/26/12	1425		x	1st Fl. B9 Boarding Ramp	X					G_{10} Beige/Brown Glue Under Rubber Tread
113	9/26/12	1412		x	1st Fl. B7 Boarding Ramp	X				X	G_{11} Brn. Glue Under Rubber Tread
114	9/26/12	1413		x	1st Fl. B7 Boarding Ramp	X					G_{11} Brn. Glue Under Rubber Tread
115	9/26/12	1431		x	1st Fl. B10 Boarding Ramp	X				X	G_{12} Tan Glue Under Rubber Tread
116	9/26/12	1432		x	1st Fl. B10 Boarding Ramp	X					G_{12} Tan Glue Under Rubber Tread
117	9/27/12	0804		x	1st Fl. B1 Boarding Ramp	X				X	G_{13} Brn. Stretchy Glue Under Rubber Tread
118	9/27/12	0805		x	1st Fl. B1 Boarding Ramp	X					G_{13} Brn. Stretchy Glue Under Rubber Tread
119	9/27/12	1051		x	Gr. Fl. Room 117	X				X	G_{14} Super Sticky Yellow Cove Base Glue
120	9/27/12	1055		x	Gr. Fl. Room 117	X					G_{14} Super Sticky Yellow Cove Base Glue
121	10/1/12	1003		x	Gr. Fl. Women's E	X				X	G_{14a} Yellow Glue Connectors Between Gr_8 Tiles

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/5/2012	10/5/12			
(Printed) Gregory Kaczynski	Time: 1645	(Printed) Kathleen Williamson 1700	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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WINDSOR, CONNECTICUT 06095
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 414/6

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA - Terminal B, Concourse A

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME

PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr	X	3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
122	10/1/12	1006		X	Gr. Fl. Women's E	X					G_{14a} Yellow Glue Connectors Between Gr_8 Tiles
123	10/1/12	1024		X	Gr.Fl. Hallway 93A	X				X	G_{15} Brn/Yellow Glue Under Rubber Tread
124	10/1/12	1025		X	Gr.Fl. Hallway 93A	X					G_{15} Brn/Yellow Glue Under Rubber Tread
125	10/1/12	1040		X	Gr.Fl. Room 92	X				X	G_{16} Tan Glue Behind Counter/Wall
126	10/1/12	1042		X	Gr.Fl. Room 92	X					G_{16} Tan Glue Behind Counter/Wall
127	10/3/12	0956		X	Gr. Fl. Room 111B	X				X	G_{17} Yellow Residual Glue on Wall
128	10/3/12	1000		X	Gr. Fl. Room 111B	X					G_{17} Yellow Residual Glue on Wall
129	9/25/12	1356		X	1st Floor DAL	X				X	WPG_1 Tan Wall Panel Glue on Plastic Corner Trim
130	9/26/12	1153		X	1st Floor Walkway	X					WPG_1 Tan Wall Panel Glue on Plastic Corner Trim
131	9/25/12	1355		X	1st Floor DAL	X				X	WPG_2 Wht Wall Panel Glue Behind Wht Panel
132	10/3/12	1137		X	1st Floor DAL	X					WPG_2 Wht Wall Panel Glue Behind Wht Panel

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/5/2012	10/5/12			
(Printed) Gregory Kaczynski	Time: 1645	(Printed) Kathleen Williamson 1702	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ____ No ____
Comments:

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WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 4/4/6

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	BIA - Terminal B, Concourse A		PLM: 8hr / 24hr / 48hr / X 3day TEM: 24hr / 48hr / X 3day / 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
133	9/25/12	1435		X	1st Fl. Near Gate 4 DAL	X				X	WPG_3 Lt. Brn. Wall Panel Glue (Btw shtr layers)
134	10/3/12	1145		X	1sr Floor DAL	X					WPG_3 Lt. Brn. Wall Panel Glue (Btw shtr layers)
135	9/26/12	1319		X	1st Floor AA Near Gate B6	X				X	**WPG_{3a} Tan Glue Behind Carpet Wall Surface**
136	9/26/12	1321		X	1st Floor AA Near Gate B6	X					WPG_{3a} Tan Glue Behind Carpet Wall Surface
137	9/27/12	0910		X	1st Floor Security Area	X				X	WPG_4 Wht. Grayish Glue Under Plastic Wall Panel
138	9/27/12	0912		X	1st Floor Security Area	X					WPG_4 Wht. Grayish Glue Under Plastic Wall Panel
139	9/27/12	0915		X	1st Floor Security Area	X				X	WPG_5 Tan Glue Between shtr Wall Panels
140	9/27/12	0917		X	1st Floor Security Area	X					WPG_5 Tan Glue Between shtr Wall Panels
141	9/27/12	0920		X	1st Floor Security Area	X				X	WPG_6 Yellow Glue Behind Chair Rail (4 In. High)
142	9/27/12	0923		X	1st Floor Security Area	X					WPG_6 Yellow Glue Behind Chair Rail (4 In. High)
143	10/1/12	0900		X	Gr. Fl. Room 97	X				X	WPG_7 Cream Glue Behind Wht Plastic Wall Panel

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/5/2012	10/5/12			
(Printed) Gregory Kaczynski	Time: 1645	(Printed) Kathleen Williamson 1702	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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WINDSOR, CONNECTICUT 06095
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41416

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA - Terminal B, Concourse A

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME								
PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr	X	3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
144	10/1/12	0903		X	Gr. Fl. Room 103B	X					WPG_7 Cream Glue Behind Wht Plastic Wall Panel
145	9/25/12	1415		X	1st Fl. DAL Gate B3 Door	X				X	C_1 Gray Flexible Sticky Caulk
146	10/3/12	1141		X	1st Fl. DAL	X					C_1 Gray Flexible Sticky Caulk
147	9/26/12	1258		X	1st Fl. AA Gate 5	X				X	C_3 Gray Flexible Caulk
148	9/25/12	1431		X	1st Fl. AA Gate 5	X					C_3 Gray Flexible Caulk
149	9/26/12	1141		X	1st Fl. Women's 2	X				X	C_4 Tan Caulk Around Sink Counter Top
150	9/26/12	1142		X	1st Fl. Women's 2	X					C_4 Tan Caulk Around Sink Counter Top
151	9/27/12	0932		X	1st Fl. Security Area	X				X	C_5 Black Pliable Caulk on Cer. Wall Tile
152	9/28/12	0857		X	Gr. Fl. Janitor's Closet	X					C_5 Black Pliable Caulk on Cer. Wall Tile
153	10/1/12	1038		X	Gr. Fl. Utility rm near Locker rm	X				X	C_6 Gray Pliable Caulk
154	10/1/12	1155		X	Gr. Fl. Hallway Ramp Area	X					C_6 Gray Pliable Caulk

Relinquished by: (Signature)	Date:	Received by: (Signature) 10/5/12	Relinquished by: (Signature)	Date:	Received by: (Signature)
(Printed) Gregory Kaczynski	Time: 1645	(Printed) 1700 Kathleen Williamson	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes _____ No _____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41416

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	BIA - Terminal B, Concourse A		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day
SIGNATURE	INSPECTOR: Gregory Kaczynski									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
155	10/3/12	0948		X	Gr. Room 111A	X				X	C_7 Wht Flexible Caulk
156	10/3/12	0949		X	Gr. Room 111A	X					C_7 Wht Flexible Caulk
157	9/27/12	1407		X	Gr. Fl. Hallway o/s G-04	X				X	DS_1 Yellow Glue Under Fiberglass Duct Insulation
158	9/27/12	1103		X	Gr. Fl. Room 117A	X					DS_1 Yellow Glue Under Fiberglass Duct Insulation
159	9/27/12	1426		X	Gr. Fl. G-04	X				X	DS_2 Wht Seam Sealant o/s Fiberglass Duct Seams
160	9/27/12	1428		X	Gr. Fl. G-04	X					DS_2 Wht Seam Sealant o/s Fiberglass Duct Seams
161	9/27/12	1450		X	Gr. Fl. G-04	X				X	DS_3 Brn/Orng glue between layers of Otr. Duct Ins.
162	9/27/12	1451		X	Gr. Fl. G-04	X					DS_3 Brn/Orng glue between layers of Outr. Duct Ins.
163	10/3/12	1012		X	Gr. Fl. 110 Mech. Room	X				X	DS_4 Black Sticky Putty Seam Sealant on HVAC 1
164	10/3/12	1013		X	Gr. Fl. 110 Mech. Room	X					DS_4 Black Sticky Putty Seam Sealant on HVAC 1
165	10/3/12	1020		X	Gr. Fl. 110 Mech. Room	X				X	DS_5 Black Putty Seam Sealant on HVAC 2

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/5/2012	10/5/12			
(Printed) Gregory Kaczynski	Time: 1645	(Printed) Kathleen Williamson 1700	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ____ No ____
Comments:

TRC

Edition: October 2009
Supersede Previous Edition

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WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 4/4/6

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA - Terminal B, Concourse A

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME								
PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr	X	3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
166	10/3/12	1021		X	Gr. Fl. 110 Mech. Room	X					DS_5 Black Putty Seam Sealant on HVAC 2
167	10/3/12	1025		X	Gr. Fl. 115 A	X				X	DS_6 Hard Brittle Yellow Caulk on Duct Sealant
168	10/3/12	1026		X	Gr. Fl. 115 A	X					DS_6 Hard Brittle Yellow Caulk on Duct Sealant
169	9/25/12	1333		X	1st Floor Near Gate B3 DAL	X				X	CG_1 Yellow Carpet Glue
170	9/26/12	1304		X	1st Floor AA Area	X					CG_1 Yellow Carpet Glue
171	9/25/12	1330		X	1st Floor Near Gate B3 Walkway	X				X	CG_2 Green Carpet Glue
172	9/26/12	1305		X	1st Floor AA Walkway	X					CG_2 Green Carpet Glue
173	9/26/12	1348		X	1st Floor B7 Boarding Ramp	X				X	CG_3 Orange Clear Super Sticky Carpet Glue
174	9/26/12	1348		X	1st Floor B7 Boarding Ramp	X					CG_3 Orange Clear Super Sticky Carpet Glue
175	9/26/12	1408		X	1st Floor B7 Boarding Ramp	X				X	CG_4 Yellow Carpet Glue
176	9/26/12	1409		X	1st Floor B7 Boarding Ramp	X					CG_4 Yellow Carpet Glue

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/5/2012	10/5/12			
(Printed) Gregory Kaczynski	Time: 1645	(Printed) Kathleen Williamson 1700	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: ✓
Acceptable: Yes ✓ No ____
Comments:

TRC

Edition: October 2009
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WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 4/4/16

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA - Terminal B, Concourse A

TURNAROUND TIME								
PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr	X	3day		5day

SIGNATURE

INSPECTOR: Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
177	9/27/12	1025		X	Gr. Fl. Room 117	X				X	CG_5 Cream Carpet Glue
178	9/27/12	1026		X	Gr. Fl. Room 117	X					CG_5 Cream Carpet Glue
179	9/27/12	1136		X	Gr. Fl. Room 116	X				X	CG_6 Yellow Carpet Glue
180	9/27/12	1137		X	Gr. Fl. Room 116	X					CG_6 Yellow Carpet Glue
181	9/26/12	0921		X	1st Fl. Men's	X				X	CTG_1 Wht Hard Glue Behind 4x4 in. Cer. Wall Tile
182	9/26/12	0922		X	1st Fl. Men's	X					CTG_1 Wht Hard Glue Behind 4x4 in. Cer. Wall Tile
183	9/26/12	1133		X	1st Women's 2	X				X	CTG_2 Tan Glue Behind 4x4 in. Cer. Wall Tile
184	9/26/12	1136		X	1st Women's 2	X					CTG_2 Tan Glue Behind 4x4 in. Cer. Wall Tile
185	9/25/12	1339		X	1st Fl. Near Gate B3 Walkway	X			X		Lev_1 Gray soft Leveler
186	10/3/12	1135		X	1st Fl. DAL	X			X		Lev_1 Gray soft Leveler
187	9/27/12	0854		X	1st Fl. Security Area	X			X		Lev_2 Gray/Yellow Material

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/5/2012	10/5/12			
(Printed) Gregory Kaczynski	Time: 1645	(Printed) Kathleen Williamson 1700	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

TRC

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 4/4/16

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA - Terminal B, Concourse A

TURNAROUND TIME								
PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr	X	3day		5day

SIGNATURE

INSPECTOR: Gregory Kaczynski

PARAMETERS

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
188	9/27/12	0855		X	1st Fl. Security Area	X			X		Lev_2 Gray/Yellow Material
189	9/27/12	0814		X	1st Fl. B1 Boarding Ramp	X			X		**TC_1 Beige Textured Coating**
190	9/27/12	0816		X	1st Fl. B1 Boarding Ramp	X			X		TC_1 Beige Textured Coating
191	9/27/12	0817		X	1st Fl. B1 Boarding Ramp	X			X		TC_1 Beige Textured Coating
192	9/25/12/	1503		X	1st Fl. Walkway Near Women's	X				X	WCG_1 Yellow Wall Carpet Glue
193	9/27/12	0906		X	1sr Fl. Security Area	X					WCG_1 Yellow Wall Carpet Glue
194	9/27/12	0930		X	1sr Fl. Security Area	X				X	WG_1 Interior Gray Pliable Glaze on 4x4 Windows
195	9/27/12	1031		X	Gr. Fl. Room 117A	X					WG_1 Interior Gray Pliable Glaze on 4x4 Windows
196	10/1/12	0945		X	Gr. Fl. Room 97	X				X	WG_2 Gray Pliable Glaze on Interior Windows
197	10/1/12	0948		X	Gr. Fl. Room 97	X					**WG_2 Gray Pliable Glaze on Interior Windows**
198	9/26/12	1117		X	1s Fl. Stairwell	X				X	**DWG_1 Black Putty Window Glaze on 1x1 door Window**

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/5/2012	10/5/12			
(Printed) Gregory Kaczynski	Time: 1645	(Printed) Kathleen Williamson 1750	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

TRC

Edition: October 2009
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 414116

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA - Terminal B, Concourse A

SIGNATURE	INSPECTOR
	Gregory Kaczynski

PARAMETERS

TURNAROUND TIME								
PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr	X	3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
199	9/26/12	1350		x	Gr. Fl. Door to North Stairwell	X					DWG_1 Black Putty Window Glaze on 1x1 door Window
200	9/26/12	1438		x	1st Fl. B10 Boarding Ramp	X				X	DWG_2 Wht Semi-Putty on 2x3 door Window
201	9/26/12	1439		x	1st Fl. B10 Boarding Ramp	X					DWG_2 Wht Semi-Putty on 2x3 door Window
202	9/27/12	1203		x	Gr. Fl. Room 113	X				X	DWG_3 Black Putty 2x3 door window
~~203~~	~~10/3/12~~	~~1314~~		~~x~~	~~Gr. Fl. Room 113~~	~~X~~					~~DWG_3 Black Putty 2x3 door window~~
204	9/26/12	1018		x	1st Fl. Host Bar	X				X	SU_1 Dark Brown Sink Undercoating
205	9/26/12	1019		x	1st Fl. Host Bar	X					SU_1 Dark Brown Sink Undercoating
206	10/1/12	1044		x	Gr. Fl Room 92	X				X	SU_2 Black Sink Undercoating
207	10/1/12	1046		x	Gr. Fl Room 92	X					SU_2 Black Sink Undercoating
208	9/26/12	1055		x	1st Fl. Room 106	X				X	SU_3 White Sink Undercoating
209	9/26/12	1056		x	1st Fl. Room 106	X					SU_3 White Sink Undercoating

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/5/2012	10/5/12			
(Printed) Gregory Kaczynski	Time: 1645	(Printed) Kathleen Williamson 1700	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: ✓
Acceptable: Yes ____ No ____
Comments:

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Edition: October 2009
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 4/4/6

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA - Terminal B, Concourse A

TURNAROUND TIME								
PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr	X	3day		5day

SIGNATURE

INSPECTOR: Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
210	9/26/12	0954		X	1st Fl. Women's	X			X		VB_1 Dark Flexible Vapor Barrier Under Gr_3
211	10/3/12	1158		X	1st Fl. Women's	X			X		VB_1 Dark Flexible Vapor Barrier Under Gr_3
212	9/26/12	1033		X	1st Fl. Host Bar	X			X		VB_2 Greenish Paper Barrier Under Counter top
213	9/26/12	1034		X	1st Fl. Host Bar	X			X		VB_2 Greenish Paper Barrier Under Counter top
214	9/28/12	1156		X	Gr. Fl. Gate B7A	X				X	FS_1 Dark Brn Fire Stop Around Elec. Conduits
215	10/1/12	1128		X	Gr. Fl. Room 103	X					FS_1 Dark Brn Fire Stop Around Elec. Conduits
216	10/1/12	1129		X	Gr. Fl. Room 103	X				X	FS_2 Red Flexible Fire Penetration Caulk
217	10/1/12	1130		X	Gr. Fl. Room 103	X					FS_2 Red Flexible Fire Penetration Caulk
218	9/27/12	1112		X	Gr. Fl. Room 117A	X				X	PC_1 Black Tar/Foil on Fiberglass Pipe Insulation
219	10/3/12	1008		X	Gr. Fl. Room 110 Mech. Room	X					PC_1 Black Tar/Foil on Fiberglass Pipe Insulation
220	9/27/12	1136		X	Gr. Fl. Room 116	X				X	PC_2 Black Tar/Foil on 2 in o/d Tan Paper Water Line

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/5/2012	10/5/12			
(Printed) Gregory Kaczynski	Time: 1645	(Printed) Kathleen Williamson 1700	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: R
Acceptable: Yes ✓ No ____
Comments:

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 4/4/6

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA - Terminal B, Concourse A

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME

PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr	X	3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
221	9/27/12	1137		X	Gr. Fl. Room 116	X					PC_2 Black Tar/Foil on 2 in o/d Tan Paper Water Line
222	9/27/12	1422		X	Gr. Fl. G-04	X				X	PS_1 Wht Seam Sealant on F/G/PVC Insulation Seams
223	9/27/12	1423		X	Gr. Fl. G-04	X					PS_1 Wht Seam Sealant on F/G/PVC Insulation Seams
224	10/3/12	1014		X	Gr. Fl. 110 Mech. Room	X					PS_1 Wht Seam Sealant on F/G/PVC Insulation Seams
225	9/27/12	1443		X	Gr. Fl. G-04	X			X		CI_1 Wht CalSil Block Insulation
226	9/27/12	1445		X	Gr. Fl. G-04	X			X		CI_1 Wht CalSil Block Insulation
227	10/1/12	1154		X	Gr. Fl. Hallway Ramp Area	X			X		CI_1 Wht CalSil Block Insulation
228	9/25/12	1500		X	1st Fl. BSX Area	X				X	**M_1 Thin Black Floor Coating (not Sticky)**
229	10/3/12	1146		X	1st Fl. BSX Area	X					M_1 Thin Black Floor Coating (not Sticky)
230	10/1/12	0811		X	Gr. Fl. Room 106	X				X	**M_2 Residual Black Mastic**

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/5/2012	10/5/12			
(Printed) Gregory Kaczynski	Time: 1645	(Printed) Kathleen Williamson 1700	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: ✓
Acceptable: Yes ✓ No ____
Comments:

TRC

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 414/16

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA - Terminal B, Concourse A

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME								
PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr	X	3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
231	10/1/12	0815		X	Gr. Fl. Room 107	X					M_2 Residual Black Mastic
232	9/25/12	1401		X	1st Fl. DAL	X				X	FL_1 Black Remnant Flashing Tar on Metal Column (1 Ft. Off Floor)
233	10/3/12	1132		X	1st Fl. Hall o/s Room 106	X					FL_1 Black Remnant Flashing Tar on Metal Column (1 Ft. Off Floor)
234	10/1/12	1019		X	Gr. Fl. Women's E	X				X	TR_1 Black Tar Flashing Remnant
235	10/1/12	1019		X	Gr. Fl. Women's E	X					TR_1 Black Tar Flashing Remnant
236	9/27/12	1438		X	Gr. Fl. G-04	X			X		MI_1 Gray Mud on CI_1
237	9/27/12	1439		X	Gr. Fl. G-04	X			X		MI_1 Gray Mud on CI_1
238	9/27/12	1441		X	Gr. Fl. G-04	X			X		MI_1 Gray Mud on CI_1
239	10/5/12	1337		X	Gr. Fl. – room 112B	X				X	LIN1-biege small stone pattern linoleum (glue too thin to sample)
240	10/5/12	1335		X	Gr. Fl. – room 112B	X					LIN1-biege small stone pattern linoleum (glue too thin to sample)

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/5/2012	10/5/12			
(Printed) Gregory Kaczynski	Time: 1645	(Printed) Kathleen Williamson	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

TRC

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 4141G

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA - Terminal B, Concourse A

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME								
PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr	X	3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
241	10/5/12	1328		X	Gr. Fl. – room 112B	X				X	SU4-pink sink undercoating
242	10/5/12	1331		X	Gr. Fl. – room 112B	X					SU4-pink sink undercoating
243	10/5/12	1342		X	Gr. Fl. – room 112B	X				X	WPG8-beige glue behind counter wall panel
244	10/5/12	1345		X	Gr. Fl. – room 112B	X					WPG8-beige glue behind counter wall panel
245	10/5/12	1339		X	Gr. Fl. – room 112A	X		X		X	FT9-9"x9" thin white floor tile/black mastic
246	10/5/12	1338		X	Gr. Fl. – room 112A	X		X			FT9-9"x9" thin white floor tile/black mastic

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/5/2012	10/5/12			
(Printed) Gregory Kaczynski	Time: 1645	(Printed) Kathleen Williamson 1702	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 10/09/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Concourse A

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
37	41416	CB & Glue	See COC		
39	41416	CB & Glue			
41	41416	CB & Glue			
43	41416	CB & Glue			
45	41416	CB & Glue			
47	41416	CB & Glue			
49	41416	CB & Glue			
51	41416	CB & Glue			
53	41416	CB & Glue			
55	41416	CB & Glue			
57	41416	CB & Glue			
59	41416	CB & Glue			
77	41416	Tile only			
81	41416	Tile			
83	41416	Tile & Mastic			
85	41416	Mastic only			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 10/09/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Concourse A

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
87	41416	Tile & Mastic	See COC		
89	41416	Tile			
91	41416	Tile & Mastic			
93	41416	Glue			
95	41416	Glue			
97	41416	Glue			
101	41416	Glue			
103	41416	Glue			
105	41416	Glue			
107	41416	Glue			
109	41416	Mastic			
111	41416	Glue			
113	41416	Glue			
115	41416	Glue			
117	41416	Glue			
119	41416	Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 10/09/12

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC
Client Job#: 183572.4445.0710
Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Concourse A
Relinquished by: K. Williamson- KWilliamson@trcsolutions.com
Received by:
Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com
Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
121	41416	Glue	See COC		
123	41416	Glue			
125	41416	Glue			
127	41416	Glue			
129	41416	Glue			
131	41416	Glue			
133	41416	Glue			
135	41416	Glue			
137	41416	Glue			
139	41416	Glue			
141	41416	Glue			
143	41416	Glue			
145	41416	Caulk			
147	41416	Caulk			
149	41416	Caulk			
151	41416	Caulk			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 10/09/12

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Concourse A

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
153	41416	Caulk	See COC		
155	41416	Caulk			
157	41416	Glue			
159	41416	Sealant			
161	41416	Glue			
163	41416	Sealant			
165	41416	Sealant			
167	41416	Caulk			
169	41416	Glue			
171	41416	Glue			
173	41416	Glue			
175	41416	Glue			
177	41416	Glue			
179	41416	Glue			
181	41416	Glue			
183	41416	Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 10/09/12

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Concourse A

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
192	41416	Glue	See COC		
194	41416	Glaze			
196	41416	Glaze			
200	41416	Glaze			
202	41416	Glaze			
204	41416	Undercoating			
206	41416	Undercoating			
208	41416	Undercoating			
214	41416	Fire Stop			
216	41416	Caulk			
218	41416	Tar/Foil			
220	41416	Tar/Foil			
222	41416	Sealant			
234	41416	Flashing			
243	41416	Glue			
245	41416	Mastic only			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Concourse A ✓

TRC
Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Site: Bradley International Airport, Terminal B, Concourse A, Windsor Locks, CT
Lab Log #: 41530
Project #: 183572.4445.0710
Date Received: 11/09/12
Date Analyzed: 11/12/12

RESULTS

Sample No.	Color	Homogeneous	Multi-Layered	Layer No.	Other Matrix Mat'ls	Asbestos %	Asbestos Type
247	Black	Yes	No	--	--	ND<1%	None
248	Black	Yes	No	--	--	ND<1%	None
249	Black	Yes	No	--	--	ND<1%	None
250	Black	Yes	No	--	--	ND<1%	None
251	Black	Yes	No	--	--	ND<1%	None
252	Black	Yes	No	--	--	ND<1%	None
253	Black	Yes	No	--	2% cellulose	ND<1%	None
254	Black	Yes	No	--	2% cellulose	ND<1%	None
255	Black	Yes	No	--	--	ND<1%	None
256	Black	Yes	No	--	--	ND<1%	None
257	Grey	Yes	No	--	--	ND<1%	None
258	Grey	Yes	No	--	--	ND<1%	None
259	Grey	Yes	No	--	--	ND<1%	None
260	Grey	Yes	No	--	--	ND<1%	None
261	Cream	Yes	No	--	--	ND<1%	None
262	Cream	Yes	No	--	--	ND<1%	None
263	Black	Yes	No	--	2% cellulose	ND<1%	None
264	Black	Yes	No	--	2% cellulose	ND<1%	None

265	Black	Yes	No	--	--	ND<1%	None
266	Black	Yes	No	--	--	ND<1%	None
267	Grey	Yes	No	--	--	ND<1%	None
268	Grey	Yes	No	--	--	ND<1%	None
269	Light Grey	Yes	No	--	--	10%	Chrysotile
270	--	--	--	--	--	NA/PS	--
271	White	Yes	No	--	--	5%	Chrysotile
272	--	--	--	--	--	NA/PS	--
273	White	Yes	No	--	--	3%	Chrysotile
274	--	--	--	--	--	NA/PS	--
275	Grey	Yes	No	--	--	ND<1%	None
276	Grey	Yes	No	--	--	ND<1%	None
277	White	Yes	No	--	--	ND<1%	None
278	White	Yes	No	--	--	ND<1%	None
279	Dark Grey	Yes	No	--	--	ND<1%	None
280	Dark Grey	Yes	No	--	--	ND<1%	None
281	Light Grey	Yes	No	--	--	ND<1%	None
282	Light Grey	Yes	No	--	--	ND<1%	None
283	Silver/Dark Grey	Yes	No	--	--	5%	Chrysotile
284	--	--	--	--	--	NA/PS	--
285	White	Yes	No	--	--	10%	Anthophyllite
286	--	--	--	--	--	NA/PS	--
287	Grey	Yes	No	--	--	10%	Anthophyllite
288	--	--	--	--	--	NA/PS	--
289	Light Grey	Yes	No	--	--	ND<1%	None
290	Light Grey	Yes	No	--	--	ND<1%	None
291	Light Grey	Yes	No	--	--	ND<1%	None
292	Light Grey	Yes	No	--	--	ND<1%	None
293	Black	Yes	No	--	--	ND<1%	None
294	Black	Yes	No	--	--	ND<1%	None
295	Grey	Yes	No	--	--	ND<1%	None
296	Grey	Yes	No	--	--	ND<1%	None

NA/PS- Not Analyzed/Positive Stop

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace- asbestos was observed at level of less than 1%

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2013. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by _____
Kathleen Williamson, Laboratory Manager

Reviewed by _____
Kathleen Williamson, Laboratory Manager
or other approved signatory

Date Issued: 11/13/12

TRC

Edition: October 2009
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21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41530

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT - BIA Terminal B Concourse A, Windsor Locks, CT		PLM: 8hr 24hr 48hr X 3day TEM: 24hr 48hr 3day 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
247	11/1/12	1006		x	Exterior	X				X	EJ1 Black rubbery expansion joint material
248	10/31/12	1120		x	Exterior	X					EJ1 Black rubbery expansion joint material
249	10/31/12	1123		x	Exterior	X				X	EJ2 Black brittle tar-like material between concrete pad floor joints
250	10/31/12	1124		x	Exterior	X					EJ2 Black brittle tar-like material between concrete pad floor joints
251	10/31/12	1424		x	Exterior	X				X	EJ3 Black hard expansion joint material above TVB1
252	10/31/12	1425		x	Exterior	X					EJ3 Black hard expansion joint material above TVB1
253	10/31/12	1350		x	Exterior	X				X	PM1 Black fibrous tar pipe material
254	10/31/12	1351		x	Exterior	X					PM1 Black fibrous tar pipe material
255	11/1/12	0828		x	Exterior boarding ramp B8	X				X	DT1 Black flashing tar at door seam
256	11/1/12	0829		x	Exterior boarding ramp B8	X					DT1 Black flashing tar at door seam

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	11/9/12			
(Printed) Gregory Kaczynski	Time: 1425	(Printed) Kathleen Williamson 1530	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41530

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT - BIA Terminal B Concourse A, Windsor Locks, CT		PLM: 8hr 24hr 48hr [X] 3day TEM: 24hr 48hr 3day 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
257	10/31/12	1050		x	Exterior	X			X		ST1 –small stone/grey grout material
258	11/1/12	1057		x	Exterior	X			X		ST1 –small stone/grey grout material
259	11/1/12	1052		x	Exterior	X			X		ST2–small stone/grey grout material(patch)
260	11/1/12	1053		x	Exterior	X			X		ST2–small stone/grey grout material(patch)
261	11/1/12	1132		x	Exterior	X					RG1
262	11/1/12	1133		x	Exterior	X					RG1
263	10/31/12	1325		x	Exterior	X				X	TVB1 Black fibrous tar material
264	10/31/12	1340		x	Exterior	X					TVB1 Black fibrous tar material
265	11/1/12	0904		x	Exterior	X				X	TVB2 Tar covering copper
266	11/1/12	0905		x	Exterior	X					TVB2 Tar covering copper
267	11/2/12	0906		x	Lower roof						HHM1

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	11/9/12 K Williamson			
(Printed) Gregory Kaczynski	Time: 1425	(Printed) Kathleen Williamson 1530	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

TRC

Edition: October 2009
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21 GRIFFIN ROAD NORTH
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TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41530

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT - BIA Terminal B Concourse A, Windsor Locks, CT		PLM: 8hr 24hr 48hr [X] 3day TEM: 24hr 48hr 3day 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
268	11/2/12	0909		x	Lower roof	X					HHM1
269	11/1/12	1004		x	Exterior	X				X	G1A light gray sticky glaze behind vertical metal frame pieces between windows
270	10/31/12	1110		x	Exterior	X					G1A Light gray sticky glaze behind vertical metal frame pieces between windows
271	11/2/12	0959		x	Area A roof	X				X	RPS1 Hard pipe seam sealant
272	11/2/12	1000		x	Area A roof	X					RPS1 Hard pipe seam sealant
273	11/1/12	0934		x	Exterior B6 boarding ramp	X				X	DWG2 White semi-putty glaze on 2x3 door
274	11/1/12	0936		x	Exterior B6 boarding ramp	X					DWG2 White semi-putty glaze on 2x3 door
275	11/1/12	0932		x	Exterior	X				X	DWG4 Gray putty door window glaze
276	11/1/12	0930		x	Exterior	X					DWG4 Gray putty door window glaze
277	10/31/12	1110		x	Exterior (concourse B materials)	X				X	C7 White flexible caulk

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	K. Williamson 11/9/12			
(Printed) Gregory Kaczynski	Time: 1425	(Printed) Kathleen Williamson 1530	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: GC
Acceptable: Yes ✓ No
Comments:

TRC

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41530

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT - BIA Terminal B Concourse A, Windsor Locks, CT		PLM: ☐ 8hr ☐ 24hr ☐ 48hr ☒ 3day TEM: ☐ 24hr ☐ 48hr ☐ 3day ☐ 5day
SIGNATURE	INSPECTOR		
	Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
278	10/31/12	1111		x	Exterior	X					C7 White flexible caulk
279	10/31/12	1102		x	Exterior	X				X	C8 Dark gray crumbly soft daub under 4" metal windowsill
280	10/31/12	1104		x	Exterior	X					C8 Dark gray crumbly soft daub under 4" metal windowsill
281	10/31/12	1107		x	Exterior	X				X	C9 Light gray hard flex caulk
282	11/1/12	1008		x	Exterior	X					C9 Light gray hard flex caulk
283	10/31/12	1108		x	Exterior	X				X	C10 Silver brittle crumbly caulk
284	11/1/12	1110		x	Exterior	X					C10 Silver brittle crumbly caulk
285	10/31/12	1154		x	Exterior	X				X	C11 White brittle caulk
286	10/31/12	1155		x	Exterior	X					C11 White brittle caulk
287	10/31/12	1205		x	Exterior	X				X	C12 Gray hard layered brittle caulk

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	K Williamson 11/9/12			
(Printed) Gregory Kaczynski	Time: 1425	(Printed) Kathleen Williamson 1530	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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Edition: October 2009
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41530

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT - BIA Terminal B Concourse A, Windsor Locks, CT		PLM: 8hr 24hr 48hr X 3day TEM: 24hr 48hr 3day 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
288	10/31/12	1206		X	Exterior	X					C12 Gray hard layered brittle caulk
289	10/31/12	1435		X	Exterior	X				X	C13 Light gray powdery surface sticky caulk
290	11/1/12	0840		X	Exterior	X					C13 Light gray powdery surface sticky caulk
291	11/2/12	0840		X	Upper roof	X				X	C14 Light gray flexible stretchy caulk on vents
292	11/2/12	0841		X	Upper roof	X					C14 Light gray flexible stretchy caulk on vents
293	11/2/12	0844		X	Upper roof	X				X	C15 Black flexible caulk on parapet seams
294	11/2/12	0845		X	Upper roof	X					C15 Black flexible caulk on parapet seams
295	11/2/12	0956		X	Lower roof	X				X	C16 Gray flexible somewhat crumbly caulk
296	11/2/12	0957		X	Lower roof	X					C16 Gray flexible somewhat crumbly caulk

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	11/9/12			
(Printed) Gregory Kaczynski	Time: 1425	(Printed) Kathleen Williamson 1530	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples:
Acceptable: Yes_____ No _____
Comments:

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/13/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Concourse A, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
247	41530	Black Expansion Material	See COC		
249	41530	Black			
251	41530	Black Expansion Material			
253	41530	Black Tar			
255	41530	Black Tar			
263	41530	Black Tar			
265	41530	Black Tar			
267	41530	HHM1			
275	41530	Grey Window Glaze			
277	41530	White Caulk			
279	41530	Dark Grey Caulk			
281	41530	Light Grey Caulk			
289	41530	Light Grey Caulk			
291	41530	Light Grey Caulk			
293	41530	Black Caulk			
295		Grey Caulk			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

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BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Lab Log #: 0042905
Project #: 183572.4445.0710
Date Received: 09/17/2013
Date Analyzed: 09/17/2013

Site: Bradley International Airport, Concourse A, Windsor Locks, CT

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
1	Black	Yes	No	- -	- - -	ND<1%	None
2	Black	Yes	No	- -	- - -	ND<1%	None
3	Black	Yes	No	- -	- - -	ND<1%	None
4	Black	Yes	No	- -	- - -	ND<1%	None
5	Black	Yes	No	- -	- - -	ND<1%	None
6	Black	Yes	No	- -	- - -	ND<1%	None

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2014. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

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Analyzed by: K. Williamson
Kathleen Williamson, Laboratory Manager

Reviewed by: Amanda Parkins
Amanda Parkins, Approved Signatory

Date Issued
09/17/2013

TRC

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Edition: October 2009
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 42905

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BEA Concourse A Wall Inspection.

SIGNATURE	INSPECTOR
[signature]	Mike Kostrubs. Tom Martin.

TURNAROUND TIME

PLM:		8hr		24hr		48hr		3day
TEM:		24hr	X	48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
1	9/5/13	1021		X	Loc#5, NW, o/s Rm 606	X					CF1 - Copper Flashing with thin layer of black tar
2		1301			Loc#11, NE, o/s Rm 1418	X				X	CF1 - " "
3		1216			Loc#10, SW, o/s Rm 92	X					CF2 - Copper Flashing with thick layer black tar
4		1140			Loc#8, SW, o/s Rm 98	X				X	CF2 - " "
5		1005			Loc#4, NW o/s Rm 608	X					CBT1 - Black Column Base tar
6		1000			Loc#4, NW, o/s Rm 608	X				X	CBT1 - " "

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	9/12/13	[signature] 9/17/13			
(Printed) Mike Kostrubs.	Time: 1000	(Printed) 1100 [signature]	(Printed)	Time:	(Printed)

Remarks: Send Results to Greg Kaczynski

Condition of Samples: OK
Acceptable: Yes ___ No ___
Comments:

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 09/18/13

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT – BIA- Concourse A

Relinquished by: K. Williamson - KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: M. Kostruba

Turn Around Time: <12 Hour <24 Hour **<48 Hour** <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
2	42905	Flashing	See COC		
4	42905	Flashing			
6	42905	Tar			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

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BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Lab Log #: 0042918
Project #: 183572.4445.0710
Date Received: 09/18/2013
Date Analyzed: 09/20/2013

Site: Bradley International Airport, Concourse A, Windsor Locks, CT

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
1	Black	Yes	No	- -	- - -	ND<1%	None
2	Black	Yes	No	- -	- - -	ND<1%	None
3	Black	Yes	No	- -	- - -	ND<1%	None
4	Black	Yes	No	- -	- - -	ND<1%	None

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos iu Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2014. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

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Analyzed by: K. Williamson
Kathleen Williamson, Laboratory Manager

Reviewed by: Amanda Parkins
Amanda Parkins, Approved Signatory

Date Issued
09/20/2013

TRC

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Edition: October 2009
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 42918

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA - Concourse A

SIGNATURE	INSPECTOR
[signature]	Mike Fostnbg. Greg Kaczynski

TURNAROUND TIME

PLM:		8hr		24hr		48hr		3day
TEM:		24hr	X	48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
1	9/6/13	1215		X	Room 98	X					Tar Coating on I-Beam.
2	—	1230			Room 98	X				X	" "
3	9/4/13	1550			Exterior - West side, 25' from Bld	X					EJ1 - Black Rubberized Expansion Joint Material between concrete slabs
4	9/3/13	1440			Exterior - East side 25' from Bld	X				X	EJ1 - " "

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	9/18/13	[signature] 9/18/13			
(Printed) Mike Fostnbs	Time: 0940	(Printed) 1600 J Williamson	(Printed)	Time:	(Printed)

Remarks: Send Results to G. Kaczynski.

Condition of Samples: ok
Acceptable: Yes ____ No ____
Comments:

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 09/20/13

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT – BIA-Concourse A

Relinquished by: K. Williamson - KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: M. Kostruba

Turn Around Time: <12 Hour <24 Hour **<48 Hour** <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
2	42918	Tar	See COC		
4	42918	Expansion Material			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

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BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Lab Log #: 0042978
Project #: 183572.4445.0710
Date Received: 09/30/2013
Date Analyzed: 09/30/2013

Site: Bradley International Airport, Concourse A, Windsor Locks, CT

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
01	Grey	Yes	No	--	---	Trace	Anthophyllite
02	Grey	Yes	No	--	---	Trace	Anthophyllite

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2014. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

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Analyzed by: Amanda Parkins, Laboratory Analyst

Reviewed by: Kathleen Williamson, Laboratory Manager

Date Issued 09/30/2013

TRC

Edition: October 2009
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FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 42978

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT – BIA-Concourse A, Windsor Locks, CT		PLM: ✓ 8hr / 24hr / 48hr / 3day TEM: ✗ 24hr / 48hr / 3day / 5day
SIGNATURE for M. Kostruba	INSPECTOR Mike Kostruba		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
01	9/26/13	1745		X	Ground floor – room 105	X				X	CC1-grey pliable caulk on columns
02	9/26/13	1754		X	Ground floor	X					CC1-grey pliable caulk on columns

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
for M. Kostruba	9/30/13	9/30/13			
(Printed) Mike Kostruba	Time: 0930	(Printed) 1000	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: ok
Acceptable: Yes ✓ No
Comments:

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 09/30/13

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT – BIA - Concourse A, Windsor, CT

Relinquished by: A. Parkins – Aparkins@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: M. Kostruba

Turn Around Time: <12 Hour **<24 Hour** <48 Hour <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
01	42978	Caulk	See COC		

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

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BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Lab Log #: 0042990
Project #: 183572.4445.0710
Date Received: 10/02/2013
Date Analyzed: 10/02/2013

Site: Bradley International Airport, Terminal B, Windsor Locks, CT

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
1	Black	Yes	No	- -		- - -	ND<1%	None
2	Black	Yes	No	- -		- - -	ND<1%	None
3	Black	Yes	No	- -		- - -	ND<1%	None
4	Black	Yes	No	- -		- - -	ND<1%	None
5	Black	Yes	No	- -		- - -	ND<1%	None
6	Black	Yes	No	- -		- - -	ND<1%	None
7	Black	Yes	No	- -		- - -	ND<1%	None
8	Black	Yes	No	- -		- - -	ND<1%	None
9	Black	Yes	No	- -	40%	cellulose	ND<1%	None
10	Black	Yes	No	- -	40%	cellulose	ND<1%	None
11	Brown	Yes	No	- -		- - -	ND<1%	None
12	Brown	Yes	No	- -		- - -	ND<1%	None

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

TRC
Results you can rely on

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2014. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

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Analyzed by: K. Williamson — Kathleen Williamson, Laboratory Manager

Reviewed by: Amanda Parkins — Amanda Parkins, Approved Signatory

Date Issued 10/02/2013

TRC

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21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 42950

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572-4445-00710	BIA – Terminal B Windsor Locks, CT		PLM: X 8hr 24hr 48hr 3day TEM: X 24hr 48hr 3day 5day
SIGNATURE	INSPECTOR		
Tom Martin	Tom Martin/Mike Kostruba		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
1	9/26/13	1400			IAB – 1st floor Men's room	X					FVB1 – black, sticky floor tar vapor barrier
2	9/26/13	1401			IAB – 1st floor Men's room	X				X	FVB1 – black, sticky floor tar vapor barrier
3	9/27/13	0913			IAB – ground floor - room 171	X					FVB2 – black plastic-like floor vapor barrier
4	9/27/13	0955			IAB – ground floor - room 171	X				X	FVB2 – black plastic-like floor vapor barrier
5	9/27/13	1005			IAB – ground floor – room 8A	X					FVB3 – black tarry vapor barrier with fibers
6	9/27/13	1008			IAB – ground floor – room 8A	X				X	FVB3 – black tarry vapor barrier with fibers
7	9/30/13	1428			MT – ground floor	X					FVB4 – tar-like floor vapor barrier
8	9/30/13	1430			MT – ground floor	X				X	FVB4 – tar-like floor vapor barrier
9	10/1/13	1100			Concourse A – ground floor, hallway o/s 112D	X					FVB5 – black, plastic-like floor vapor barrier
10	10/1/13	1111			Concourse A – ground floor, room 111A	X				X	FVB5 – black, plastic-like floor vapor barrier

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Tom Martin	10/2/13	10/2/13			
(Printed)	Time:	(Printed)	(Printed)	Time:	(Printed)
Tom Martin	1515	1520 Williamson			

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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WINDSOR, CONNECTICUT 06095
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FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 42990

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572-4445-00710	BIA – Terminal B Windsor Locks, CT		PLM:	X	8hr		24hr		48hr		3day
			TEM:	X	24hr		48hr		3day		5day

SIGNATURE	INSPECTOR
Tom Martin	Tom Martin/Mike Kostruba

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
11	10/1/13	0826			MT – basement, room 157	X					CONC1 – soft, brownish floor concrete(under ceramic layer)
12	10/1/13	0828			MT – basement, room 157	X					CONC1 – soft, brownish floor concrete(under ceramic layer)

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Tom Martin	10/2/13	10/2/13			
(Printed)	Time:	(Printed)	(Printed)	Time:	(Printed)
Tom Martin	1515	1520			

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 10/02/13

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT – BIA - Concourse B, Windsor, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: T. Martin

Turn Around Time: <12 Hour **<24 Hour** <48 Hour <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
2	42990	Tar VB	See COC		
4	42990	Tar VB			
6	42990	Tar VB			
8	42990	Tar VB			
10	42990	Tar VB			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Concourse B

TRC
Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Site: Bradley International Airport, Terminal B, Concourse B, Windsor Locks, CT
Lab Log #: 41532
Project #: 183572.4445.0710
Date Received: 11/09/12
Date Analyzed: 11/12/12

RESULTS

Sample No.	Color	Homogeneous	Multi-Layered	Layer No.	Other Matrix Mat'ls	Asbestos %	Asbestos Type
01	Beige	Yes	No	--	--	ND<1%	None
02	Beige	Yes	No	--	--	ND<1%	None
03	Yellow	Yes	No	--	10% cellulose	ND<1%	None
04	Yellow	Yes	No	--	10% cellulose	ND<1%	None
05	Beige	Yes	No	--	--	ND<1%	None
06	Beige	Yes	No	--	--	ND<1%	None
07	Brown	Yes	No	--	--	ND<1%	None
08	Brown	Yes	No	--	--	ND<1%	None
09	Tan	Yes	No	--	1% synthetic	ND<1%	None
10	Tan	Yes	No	--	1% synthetic	ND<1%	None
11	Grey	Yes	No	--	--	ND<1%	None
12	Grey	Yes	No	--	--	ND<1%	None
13	Tan	Yes	No	--	--	ND<1%	None
14	Tan	Yes	No	--	--	ND<1%	None
15	Cream	Yes	No	--	--	ND<1%	None
16	Cream	Yes	No	--	--	ND<1%	None
17	Dark Cream	Yes	No	--	--	ND<1%	None
18	Dark Cream	Yes	No	--	--	ND<1%	None
19	Tan	Yes	No	--	--	ND<1%	None
20	Tan	Yes	No	--	--	ND<1%	None

21	White	Yes	No	--	--	ND<1%	None
22	White	Yes	No	--	--	ND<1%	None
23	Yellow	Yes	No	--	--	ND<1%	None
24	Yellow	Yes	No	--	--	ND<1%	None
25	Yellow	Yes	No	--	--	ND<1%	None
26	Yellow	Yes	No	--	--	ND<1%	None
27	Grey	Yes	No	--	--	10%	Chrysotile
28	--	--	--	--	--	NA/PS	--
29	Beige	Yes	No	--	--	ND<1%	None
30	Beige	Yes	No	--	--	ND<1%	None
31	Tan	Yes	No	--	--	10%	Anthophyllite
32	--	--	--	--	--	NA/PS	--
33	White	Yes	No	--	--	ND<1%	None
34	White	Yes	No	--	--	ND<1%	None
35	Grey	Yes	No	--	--	3%	Chrysotile
36	--	--	--	--	--	NA/PS	--
37	Silver	Yes	No	--	--	5%	Chrysotile
38	--	--	--	--	--	NA/PS	--
39	Dark Grey	Yes	No	--	--	Trace	Chrysotile
40	Dark Grey	Yes	No	--	--	Trace	Chrysotile
41	Light Grey	Yes	No	--	--	ND<1%	None
42	Light Grey	Yes	No	--	--	ND<1%	None
43	Dark Grey	Yes	No	--	--	ND<1%	None
44	Dark Grey	Yes	No	--	--	ND<1%	None
45	White	Yes	No	--	--	ND<1%	None
46	White	Yes	No	--	--	ND<1%	None
47	Light Grey	Yes	No	--	--	ND<1%	None
48	Light Grey	Yes	No	--	--	ND<1%	None
49	White	Yes	No	--	--	ND<1%	None
50	White	Yes	No	--	--	ND<1%	None
51	Grey	Yes	No	--	--	ND<1%	None
52	Grey	Yes	No	--	--	ND<1%	None
53	Maroon	Yes	No	--	--	ND<1%	None
54	Maroon	Yes	No	--	--	ND<1%	None
55	Grey/White	Yes	No	--	--	ND<1%	None
56	Grey/White	Yes	No	--	--	ND<1%	None
57	Grey	Yes	No	--	--	ND<1%	None

58	Grey	Yes	No	--	--	ND<1%	None
59	White	Yes	No	--	--	ND<1%	None
60	White	Yes	No	--	--	ND<1%	None
61	White	Yes	No	--	--	ND<1%	None
62	White	Yes	No	--	--	ND<1%	None
63	Light Grey	Yes	No	--	--	ND<1%	None
64	Light Grey	Yes	No	--	--	ND<1%	None
65	Yellow	Yes	No	--	--	ND<1%	None
66	Yellow	Yes	No	--	--	ND<1%	None
67	Black/Grey	Yes	No	--	--	ND<1%	None
68	Black/Grey	Yes	No	--	--	ND<1%	None
69	Grey	Yes	No	--	--	ND<1%	None
70	Grey	Yes	No	--	--	ND<1%	None
71	Grey	Yes	No	--	--	ND<1%	None
72	Grey	Yes	No	--	--	ND<1%	None
73	Tan	Yes	No	--	--	ND<1%	None
74	Tan	Yes	No	--	--	ND<1%	None
75	Black	Yes	No	--	--	ND<1%	None
76	Black	Yes	No	--	--	ND<1%	None
77	Blue	Yes	No	--	--	ND<1%	None
78	Blue	Yes	No	--	--	ND<1%	None
79	Beige	Yes	No	--	--	ND<1%	None
80	Beige	Yes	No	--	--	ND<1%	None
81	Blue	Yes	No	--	--	ND<1%	None
82	Blue	Yes	No	--	--	ND<1%	None
83	Grey	Yes	No	--	--	ND<1%	None
84	Grey	Yes	No	--	--	ND<1%	None
85	Beige	Yes	No	--	2% cellulose	ND<1%	None
86	Beige	Yes	No	--	2% cellulose	ND<1%	None
87	Dark Olive	Yes	No	--	--	ND<1%	None
88	Dark Olive	Yes	No	--	--	ND<1%	None
89	Tan	Yes	No	--	--	ND<1%	None
90	Tan	Yes	No	--	--	ND<1%	None
91	Yellow	Yes	No	--	--	ND<1%	None
92	Yellow	Yes	No	--	--	ND<1%	None
93	Black (mastic)	No	Yes	1	--	ND<1%	None
93	Grey (tile)	No	Yes	2	--	Trace	Chrysotile

94	Black (mastic)	No	Yes	1	--	ND<1%	None
94	Grey (tile)	No	Yes	2	--	Trace	Chrysotile
95	Yellow (glue)	No	Yes	1	--	ND<1%	None
95	White/Black (tile)	No	Yes	2	--	ND<1%	None
96	Yellow (glue)	No	Yes	1	--	ND<1%	None
96	White/Black (tile)	No	Yes	2	--	ND<1%	None
97	Yellow (glue)	No	Yes	1	--	ND<1%	None
97	Light Grey (tile)	No	Yes	2	--	3%	Chrysotile
98	Yellow (glue)	No	Yes	1	--	ND<1%	None
98	--	--	--	--	--	NA/PS	--
99	Tan	Yes	No	--	--	ND<1%	None
100	Tan	Yes	No	--	--	ND<1%	None
101	White	Yes	No	--	20% cellulose	ND<1%	None
102	White	Yes	No	--	20% cellulose	ND<1%	None
103	Grey	Yes	No	--	10% cellulose	ND<1%	None
104	Grey	Yes	No	--	10% cellulose	ND<1%	None
105	Off-White	Yes	No	--	--	ND<1%	None
106	Off-White	Yes	No	--	--	ND<1%	None
107	Black	Yes	No	--	60% cellulose	ND<1%	None
108	Black	Yes	No	--	60% cellulose	ND<1%	None
109	Light Brown	Yes	No	--	--	ND<1%	None
110	Light Brown	Yes	No	--	--	ND<1%	None
111	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
112	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
113	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
114	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
115	Brown	Yes	No	--	--	ND<1%	None
116	Brown	Yes	No	--	--	ND<1%	None
117	Black	Yes	No	--	60% cellulose	ND<1%	None
118	Black	Yes	No	--	60% cellulose	ND<1%	None
119	Black	Yes	No	--	--	ND<1%	None
120	Black	Yes	No	--	--	ND<1%	None
121	Black	Yes	No	--	--	ND<1%	None
122	Black	Yes	No	--	--	ND<1%	None
123	White	Yes	No	--	10% cellulose	ND<1%	None
124	White	Yes	No	--	10% cellulose	ND<1%	None

125	Black	Yes	No	--	10% cellulose	ND<1%	None
126	Black	Yes	No	--	10% cellulose	ND<1%	None
127	Grey	Yes	No	--	--	ND<1%	None
128	Grey	Yes	No	--	--	ND<1%	None
129	Black	Yes	No	--	10% cellulose	ND<1%	None
130	Black	Yes	No	--	10% cellulose	ND<1%	None
131	White/Grey	Yes	No	--	--	ND<1%	None
132	White/Grey	Yes	No	--	--	ND<1%	None
133	Dark Grey	Yes	No	--	--	ND<1%	None
134	Dark Grey	Yes	No	--	--	ND<1%	None
135	Beige/Silver/Black	Yes	No	--	60% cellulose	ND<1%	None
136	Beige/Silver/Black	Yes	No	--	60% cellulose	ND<1%	None
137	Beige/Silver/Black	Yes	No	--	60% cellulose	ND<1%	None
138	Beige/Silver/Black	Yes	No	--	60% cellulose	ND<1%	None
139	Beige/Silver/Black	Yes	No	--	60% cellulose	ND<1%	None
140	Beige/Silver/Black	Yes	No	--	60% cellulose	ND<1%	None
141	White	Yes	No	--	10% fiberglass	ND<1%	None
142	White	Yes	No	--	10% fiberglass	ND<1%	None
143	Grey	Yes	No	--	--	ND<1%	None
144	Grey	Yes	No	--	--	ND<1%	None

NA/PS- Not Analyzed/Positive Stop

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace- asbestos was observed at level of less than 1%

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2013. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

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Analyzed by _____
Kathleen Williamson, Laboratory Manager

Reviewed by _____
Kathleen Williamson, Laboratory Manager
or other approved signatory

Date Issued: 11/13/12

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WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41532

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	ConnDOT-BIA Concourse B, Windsor Locks, CT

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME									
PLM:		8hr		24hr		48hr	X	3day	
TEM:		24hr		48hr		3day		5day	

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
01	10/23/12	1035		x	Room 147	X				X	G1 Hard beige glue under windowsill
02	10/23/12	1037		x	Room 147	X					G1 Hard beige glue under windowsill
03	10/23/12	1035		x	Room 147	X				X	G2 Yellow glue assoc. w/16x16 rubber tread flooring
04	10/23/12	1036		x	Room 147	X					G2 Yellow glue assoc. w/16x16 rubber tread flooring
05	10/23/12	1140		x	BHEE	X				X	G3 Beige pliable shr glue to mirror in wall
06	10/23/12	1142		x	BHEE	X					G3 Beige pliable shr glue to mirror in wall
07	10/23/12	1141		x	BHEE	X				X	G4 Brown mirror glue on shr wall
08	10/28/12	1144		x	BHEE	X					G4 Brown mirror glue on shr wall
09	10/23/12	1156		x	Secure Corridor	X				X	G5 Tan glue behind shr covered columns
10	10/23/12	1158		x	Secure Corridor	X					G5 Tan glue behind shr covered columns
11	10/24/12	1105		x	Gr. Fl. Public corridor	X				X	G6 Gray glue behind plastic wall coverings

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	K. Williamson 11/9/12			
(Printed) Gregory Kaczynski	Time: 1440	(Printed) Kathleen Williamson 1540	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: AC
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41532

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	ConnDOT-BIA Concourse B, Windsor Locks, CT

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME									
PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
12	10/24/12	1106		X	Gr. Fl. Public corridor	X					G6 Gray glue behind plastic wall coverings
13	10/24/12	1110		X	Gr. Fl. Public corridor	X				X	G7 Tan brittle glue behind shr walls
14	10/24/12	1111		X	Gr. Fl. Public corridor	X					G7 Tan brittle glue behind shr walls
15	10/24/12	1132		X	Gr. Fl. Public corridor	X				X	G8 Cream glue behind plastic wall panel
16	10/24/12	1133		X	Gr. Fl. Public corridor	X					G8 Cream glue behind plastic wall panel
17	10/24/12	1138		X	Gr. Fl. Public corridor	X				X	G9 Dark cream glue under brick cer. floor tile
18	10/24/12	1140		X	Gr. Fl. Public corridor	X					G9 Dark cream glue under brick cer. floor tile
19	10/24/12	1408		X	Gr. Fl. Room 124b	X				X	G10 Tan glue under slate window sills
20	10/24/12	1409		X	Gr. Fl. Room 124b	X					G10 Tan glue under slate window sills
21	10/24/12	1437		X	Gr. Fl. Men's room	X				X	G11 White glue behind 4" cer. wall tile patch
22	10/24/12	1439		X	Gr. Fl. Men's room	X					G11 White glue behind 4" cer. wall tile patch

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	11/9/12			
(Printed) Gregory Kaczynski	Time: 1440	(Printed) Kathleen Williamson 1540	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

TRC

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WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41532

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	ConnDOT-BIA Concourse B, Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr		3day		5day
SIGNATURE	INSPECTOR: Gregory Kaczynski									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
23	10/24/12	1456		X	Gr. Fl. Room 123c	X				X	G12 Yellow glue behind 2" cer. wall tiles
24	10/24/12	1457		X	Gr. Fl. Room 123c	X					G12 Yellow glue behind 2" cer. wall tiles
25	10/25/12	0914		X	Gr. Fl. TWA Holdroom	X				X	G13 Yellow glue between shr walls
26	10/25/12	0915		X	Gr. Fl. TWA Holdroom	X					G13 Yellow glue between shr walls
27	10/25/12	1146		X	Concourse B Ext.	X				X	[redacted]
28	10/25/12	1147		X	Concourse B Ext.	X					G14 Gray sticky glue (thin) under vertical metal frame piece between individual windows
29	10/23/12	1046		X	Room 147	X				X	C1 Beige pliable interior door caulk
30	10/23/12	1047		X	Room 147	X					C1 Beige pliable interior door caulk
31	10/25/12	1357		X	Ext. on vent	X				X	[redacted]
32	10/25/12	1359		X	Ext. on vent	X					C2 Interior tan putty-like window caulk

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	K. Williamson 11/9/12			
(Printed) Gregory Kaczynski	Time: 1440	(Printed) Kathleen Williamson 1140	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: ok
Acceptable: Yes ✓ No ____
Comments:

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41532

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	ConnDOT-BIA Concourse B, Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr		3day		5day
SIGNATURE	INSPECTOR: Gregory Kaczynski									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF>1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
33	10/25/12	1038		X	Gr. Fl. TWA Holding area	X				X	C3 White flexible caulk
34	10/25/12	1040		X	Gr. Fl. TWA Holding area	X					C3 White flexible caulk
35	10/25/12	1125		X	Concourse B exterior	X				X	[redacted]
36	10/26/12	0845		X	Concourse B exterior	X					C4 Gray hard surface semi-flexible
37	10/25/12	1128		X	Concourse B exterior	X				X	[redacted]
38	10/26/12	0904		X	Concourse B exterior	X					C5 Brittle silver caulk (white flakes visible)
39	10/25/12	1130		X	Concourse B exterior	X				X	C6 Dark gray crumbly soft (daub) caulk under 4" metal window sill.
40	10/26/12	0843		X	Concourse B exterior	X					C6 Dark gray crumbly soft (daub) caulk under 4" metal window sill.
41	10/25/12	1135		X	Concourse B exterior	X				X	C7 light gray flexible w/lighter powdery surface (on new exterior surfacing material)
42	10/25/12	1134		X	Concourse B exterior	X					C7 light gray flexible w/lighter powdery surface (on new exterior surfacing material)

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	11/9/12	11/9/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 1440	(Printed) Kathleen Williamson 1540	(Printed)	Time:	(Printed)

Remarks:

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			TEM:		24hr		48hr		3day		5day

SIGNATURE

INSPECTOR: Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
42	10/25/12	1155		x	Concourse B exterior	X				X	C8 Dark gray hard (slight flex) caulk (around old marble lower window panes)
44	10/25/12	1336		x	Concourse B exterior	X					C8 Dark gray hard (slight flex) caulk (around old marble lower window panes)
45	10/25/12	1503		x	Concourse B exterior boarding ramp	X				X	C9 White semi-flexible caulk
46	10/25/12	1504		x	Concourse B exterior boarding ramp	X					C9 White semi-flexible caulk
47	10/26/12	0810		x	Concourse B exterior	X				X	C10 Light gray very flexible (powder snap) Caulk
48	10/26/12	0830		x	Concourse B exterior	X					C10 Light gray very flexible (powder snap) Caulk
49	10/26/12	0916		x	Concourse B exterior	X				X	C11 Light flex caulk on ground Concrete slab seams
50	10/26/12	0917		x	Concourse B exterior	X					C11 Light flex caulk on ground Concrete slab seams
51	10/24/12	1430		x	Gr. Fl. Men's room	X			X		WB1 Gray hard wall board
52	10/24/12	1431		x	Gr. Fl. Men's room	X			X		WB1 Gray hard wall board

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	11/9/12	11/9/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 1440	(Printed) Kathleen Williamson 1540	(Printed)	Time:	(Printed)

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LAB ID #. 41532

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	ConnDOT-BIA Concourse B, Windsor Locks, CT

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME

PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
53	10/24/12	1137		x	Gr. Fl. Public corridor	X			X		Gr1 Maroon grout between/under brick cer. floor tile
54	10/24/12	1138		x	Gr. Fl. Public corridor	X			X		Gr1 Maroon grout between/under brick cer. floor tile
55	10/24/12	1355		x	Gr. Fl. Room 124b	X			X		Gr2 Gray grout w/white specks between slate stone window sills
56	10/24/12	1356		x	Gr. Fl. Room 124b	X			X		Gr2 Gray grout w/white specks between slate stone window sills
57	10/24/12	1421		x	Gr. Fl. Men's room	X			X		Gr3 Gray grout between/under 3/4" cer. floor tiles
58	10/24/12	1433		x	Gr. Fl. Men's room	X			Xx		Gr3 Gray grout between/under 3/4" cer. floor tiles
59	10/24/12	1434		x	Gr. Fl. Men's room	X			X		Gr4a White grout between 4" cer. wall tile
60	10/24/12	1434		x	Gr. Fl. Men's room	X			X		Gr4a White grout between 4" cer. wall tile
61	10/24/12	1440		x	Gr. Fl. Men's room	X			X		Gr4b White grout behind 4" cer. wall tile
62	10/24/12	1441		x	Gr. Fl. Men's room	X			X		Gr4b White grout behind 4" cer. wall tile

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	11/9/12				
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LAB ID #. 41532

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	ConnDOT-BIA Concourse B, Windsor Locks, CT

TURNAROUND TIME								
PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr		3day		5day

SIGNATURE

INSPECTOR: Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
63	10/24/12	1455		X	Gr. Fl. Room 123c	X			X		Gr5 Light gray grout between 2" cer. wall tile
64	10/24/12	1458		X	Gr. Fl. Room 123c	X			X		Gr5 Light gray grout between 2" cer. wall tile
65	10/24/12	1102		X	Gr. Fl. Public corridor	X				X	DS1 Yellow glue on gray duct fiberglass cover
66	10/24/12	1108		X	Gr. Fl. Public corridor	X					DS1 Yellow glue on gray duct fiberglass cover
67	10/26/12	1005		X	LMA	X				X	DS2 Black/gray surface putty flex bet. Duct unit seams
68	10/26/12	1007		X	LMA	X					DS2 Black/gray surface putty flex bet. Duct unit seams
69	10/26/12	1008		X	LMA	X				X	DS3 gray putty sealant bet. Duct unit seam
70	10/26/12	1009		X	LMA	X					DS3 gray putty sealant bet. Duct unit seam
71	10/26/12	1010		X	LMA	X				X	DS4 Gray flex putty bet. Duct unit seams
72	10/26/12	1011		X	LMA	X					DS4 Gray flex putty bet. Duct unit seams

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(Printed) Gregory Kaczynski	Time: 1440	(Printed) Kathleen Williamson 1540	(Printed)	Time:	(Printed)

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PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	ConnDOT-BIA Concourse B, Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr		3day		5day

SIGNATURE

INSPECTOR: Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
73	10/26/12	1016		X	LMA	X				X	DS5 Tan crumbly sealant bet. Trane duct seam
74	10/26/12	1017		X	LMA	X					DS5 Tan crumbly sealant bet. Trane duct seam
75	10/23/12	1041		X	Room 147	X				X	CB1 4" black cove base
76	10/23/12	1043		X	Room 147	X					CB1 4" black cove base
77	10/23/12	1059		X	Secure corridor	X				X	CB2 6" blue cove base
78	10/23/12	1101		X	Secure corridor	X					CB2 6" blue cove base
79	10/24/12	1050		X	Room 130	X				X	CB3 4" beige cove base
80	10/24/12	1058		X	Room 130	X					CB3 4" beige cove base
81	10/24/12	1335		X	Room 127	X				X	CB4 4" blue cove base
82	10/24/12	1336		X	Room 127	X					CB4 4" blue cove base
83	10/25/12	1103		X	TWA Gate B17	X				X	CB5 6" gray cove base

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(Printed) Gregory Kaczynski	Time: 1440	(Printed) Kathleen Williamson 1540	(Printed)	Time:	(Printed)

Remarks:

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LAB ID #. 41532

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	ConnDOT-BIA Concourse B, Windsor Locks, CT

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME									
PLM:		8hr		24hr		48hr	X	3day	
TEM:		24hr		48hr		3day		5day	

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
84	10/25/12	1104		x	TWA Gate B17	X					CB5 6" gray cove base
85	10/23/12	1045		x	Room 147	X				X	CBG1 beige glue
86	10/23/12	1432		x	Room 130	X					CBG1 beige glue
87	10/23/12	1315		x	Room 133	X				X	CBG2 Dark olive brittle cove base glue
88	10/23/12	1316		x	Room 133	X					CBG2 Dark olive brittle cove base glue
89	10/24/12	1151		x	Room 130	X				X	CBG3 Tan stretchy cove base glue
90	10/24/12	1154		x	Room 130	X					CBG3 Tan stretchy cove base glue
91	10/25/12	1105		x	TWA Gate B17	X				X	CBG4 Yellow thin cove base glue
92	10/25/12	1106		x	TWA Gate B17	X					CBG4 Yellow thin cove base glue
93	10/23/12	1330		x	Room 133	X		X		X	FT1 Thin gray floor tile w/black mastic
94	10/23/12	1333		x	Room 133	X		X			FT1 Thin gray floor tile w/black mastic

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	K. Williamson 11/9/12			
(Printed) Gregory Kaczynski	Time: 1440	(Printed) Kathleen Williamson 1540	(Printed)	Time:	(Printed)

Remarks:

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PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
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			TEM:		24hr		48hr		3day		5day
SIGNATURE	INSPECTOR: Gregory Kaczynski									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
95	10/23/12	1407		x	Room 132	X		X		X	FT2 12x12 white w/black streak floor tile and yellow glue
96	10/23/12	1409		x	Room 132	X		X			FT2 12x12 white w/black streak floor tile and yellow glue
97	10/24/12	1330		x	Room 127	X		X		X	FT3 [redacted] w/yellow glue
98	10/24/12	1331		x	Room 127	X		X			FT3 12x12 lt. gray w/striations floor tile w/yellow glue
99	10/23/12	1022		x	Room 147	X				X	CG1 Tan semi-pliable carpet glue
100	10/23/12	1025		x	Room 147	X					CG1 Tan semi-pliable carpet glue
101	10/24/12	1448		x	Room 123a	X				X	SU1 White sink undercoating
102	10/24/12	1449		x	Room 123a	X					SU1 White sink undercoating
103	10/23/12	1033		x	Room 147	X			X		Lev1 Gray levelastic
104	10/23/12	1034		x	Room 147	X			X		Lev1 Gray levelastic

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	11/9/12	11/9/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 1440	(Printed) Kathleen Williamson 1540	(Printed)	Time:	(Printed)

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			TEM:		24hr		48hr		3day		5day
SIGNATURE	INSPECTOR Gregory Kaczynski									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
105	10/23/12	1440		X	Secure Corridor	X			X		Lev2 Off-white levelastic
106	10/23/12	1442		X	Secure Corridor	X			X		Lev2 Off-white levelastic
107	10/23/12	1138		X	BHEE	X				X	FBGLT1 Fiberglass board with tar paper
108	10/23/12	1150		X	BHEE	X					FBGLT1 Fiberglass board with tar paper
109	10/25/12	1329		X	Exterior	X			X		Shr1 Light brown sheetrock behind ST1 covering
110	10/26/12	0911		X	Exterior	X			X		Shr1 Light brown sheetrock behind ST1 covering
111	10/23/12	1030		X	Room 147	X			X		CT1 2x2 small worm pinhole ceiling tiles
112	10/23/12	1033		X	Room 147	X			X		CT1 2x2 small worm pinhole ceiling tiles
113	10/24/12	1155		X	Room 130	X			X		CT2 2x4 wormhole pinhole ceiling tiles
114	10/24/12	1156		X	Room 130	X			X		CT2 2x4 wormhole pinhole ceiling tiles
115	10/23/12	1424		X	Room 1 Utility	X				X	FS1 Brown firestop

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	11/9/12			
(Printed) Gregory Kaczynski	Time: 1440	(Printed) Kathleen Williamson 1540	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41532 ~~5143~~

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	ConnDOT-BIA Concourse B, Windsor Locks, CT

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME

PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
116	10/23/12	1425		x	Room 1 Utility	X					FS1 Brown firestop
117	10/24/12	1400		x	Concourse B exterior	X				X	TVB1 Black fibery vapor barrier (3/4" Thick)
118	10/25/12	1402		x	Concourse B exterior	X					TVB1 Black fibery vapor barrier (3/4" Thick)
119	10/26/12	0841		x	Concourse B exterior	X				X	T1 Tar vapor barrier along ext. of ground at foundation
120	10/25/12	1120		x	Concourse B exterior	X					T1 Tar vapor barrier along ext. of ground at foundation
121	10/26/12	0827		x	Exterior B20 boarding ramp	X				X	DWG1 Black stretchy door window glaze
122	10/26/12	0828		x	Exterior B20 boarding ramp	X					DWG1 Black stretchy door window glaze
123	10/26/12	1016		x	LMA	X			X		EC1 White flaky end cap insulation
124	10/26/12	1017		x	LMA	X			X		EC1 White flaky end cap insulation
125	10/25/12	1405		x	Concourse B exterior	X				X	PM1 Black tar/fibery pipe material

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	11/9/12			
~~(Printed)~~ Gregory Kaczynski	Time: 1440	(Printed) Kathleen Williamson ~~1440~~ 1540	(Printed)	Time:	(Printed)

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PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Concourse B, Windsor Locks, CT		PLM: 8hr, 24hr, 48hr, X 3day TEM: 24hr, 48hr, 3day, 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
126	10/25/12	1406		x	Concourse B exterior	X					PM1 Black tar/fibery pipe material
127	10/25/12	1118		x	Concourse B exterior	X				X	WG1 Interior and exterior gray brittle window glaze
128	10/25/12	1119		x	Concourse B exterior	X					WG1 Interior and exterior gray brittle window glaze
129	10/25/12	1028		x	TWA Holding area	X				X	WG2 Black flex-putty glaze on new windows
130	10/25/12	1029		x	TWA Holding area	X					WG2 Black flex-putty glaze on new windows
131	10/24/12	1330		x	Concourse B exterior	X				X	WG3 White outer/gray inner window glaze
132	10/24/12	1331		x	Concourse B exterior	X					WG3 White outer/gray inner window glaze
133	10/25/12	1448		x	Concourse B exterior	X				X	WG4 Dark gray (slight silverish) glaze on windows
134	10/25/12	1449		x	Concourse B exterior	X					WG4 Dark gray (slight silverish) glaze on windows
135	10/28/12	1136		x	Secure corridor	X					PI1 Canvas/tar foil wrap on fiberglass insulation
136	10/28/12	1138		x	Secure corridor	X					PI1 Canvas/tar foil wrap on fiberglass insulation

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	K. Williamson 11/9/12			
(Printed) Gregory Kaczynski	Time: 1440	(Printed) Kathleen Williamson 1540	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41532

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	ConnDOT-BIA Concourse B, Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr		3day		5day

SIGNATURE

INSPECTOR: Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
137	10/28/12	1140		X	Secure corridor	X					PI1 Canvas/tar foil wrap on fiberglass insulation
138	10/24/12	1205		X	Room 130	X					PI2 Canvas/tar foil on fiberglass pipe insulation (Larger line)
139	10/24/12	1206		X	Room 130	X					PI2 Canvas/tar foil on fiberglass pipe insulation (Larger line)
140	10/24/12	1206		X	Room 130	X					PI2 Canvas/tar foil on fiberglass pipe insulation (Larger line)
141	10/26/12	1021		X	LMB	X				X	PS 1 White seam sealant on fiberglass/PVC pipe insulation
142	10/26/12	1022		X	LMB	X					PS 1 White seam sealant on fiberglass/PVC pipe insulation
143	10/25/12	1136		X	Concourse B Exterior	X			X		ST1 Stone/gray stucco like wall covering
144	10/25/12	1138		X	Concourse B Exterior	X			X		ST1 Stone/gray stucco like wall covering

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	K. Williamson 11/9/12			
(Printed) Gregory Kaczynski	Time: 1440	(Printed) Kathleen Williamson 1540	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/13/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Concourse B, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
01	41532	Beige Glue	See COC		
03	41532	Yellow Glue			
05	41532	Beige Glue			
07	41532	Brown Glue			
09	41532	Tan Glue			
11	41532	Grey Glue			
13	41532	Tan Glue			
15	41532	Cream Glue			
17	41532	Dark Cream Glue			
19	41532	Tan Glue			
21	41532	White Glue			
23	41532	Yellow Glue			
25	41532	Yellow Glue			
29	41532	Beige Caulk			
33	41532	White Caulk			
39	41532	Dark Grey Caulk			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/13/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Concourse B, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
41	41532	Light Grey Caulk	See COC		
43	41532	Dark Grey Caulk			
45	41532	White Caulk			
47	41532	Light Grey Caulk			
49	41532	Caulk			
65	41532	Yellow Glue			
67	41532	Black			
69	41532	Grey Sealant			
71	41532	Grey			
73	41532	Tan Sealant			
75	41532	Black Covebase			
77	41532	Blue Covebase			
79	41532	Beige Covebase			
81	41532	Blue Covebase			
83	41532	Grey Covebase			
85	41532	Beige Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/13/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Concourse B, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
87	41532	Dark Olive Covebase	See COC		
89	41532	Tan Glue			
91	41532	Yellow Glue			
93	41532	Mastic & Tile			
95	41532	Mastic & Tile			
97	41532	Glue only			
99	41532	Tan Glue			
101	41532	White Undercoating			
107	41532	Black Tar Paper			
115	41532	Brown			
117	41532	Black Vapor Barrier			
119	41532	Black Vapor Barrier			
121	41532	Black Window Glaze			
125	41532	Black Pipe Material			
127	41532	Grey Window Glaze			
129	41532	Black Window Glaze			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/13/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Concourse B, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
131	41532	White Window Glaze	See COC		
133	41532	Dark Grey Window Glaze			
141	41532	White Sealant			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Concourse B ✓

TRC

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Site: Bradley International Airport, Concourse B, Windsor Locks, CT
Lab Log #: 41555
Project #: 183572.4445.0710
Date Received: 11/16/12
Date Analyzed: 11/20/12

RESULTS

Sample No.	Color	Homogeneous	Multi-Layered	Layer No.	Other Matrix Mat'ls	Asbestos %	Asbestos Type
145	Grey	Yes	No	--	--	ND<1%	None
146	Grey	Yes	No	--	--	ND<1%	None
147	Grey	Yes	No	--	--	ND<1%	None
148	Grey	Yes	No	--	--	ND<1%	None
149	White/Beige	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
150	White/Beige	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
151	Brown	Yes	No	--	10% cellulose	ND<1%	None
152	Brown	Yes	No	--	10% cellulose	ND<1%	None
153	Yellow	Yes	No	--	20% cellulose	ND<1%	None
154	Yellow	Yes	No	--	20% cellulose	ND<1%	None

NA/PS- Not Analyzed/Positive Stop

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace- asbestos was observed at level of less than 1%
Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2013. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0 **AIHA #100122** **CT #PH-0426** **ME LA-0075, LB-0071** **MA #AA000052** **NY #10980** **WV# LT000356**
RI #AAL-007C3 **TX #300354** **VT #AL014538** **VA #3333 000283** **AZ #A20944** **HI #L-09-004** **NJ #CT004** **CA #10275CA**

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Analyzed by _____
Kathleen Williamson, Laboratory Manager

Reviewed by _____
Kathleen Williamson, Laboratory Manager
or other approved signatory

Date Issued: 11-21-2012

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41555

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	ConnDOT-BIA Concourse B, Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr		3day		5day
SIGNATURE	INSPECTOR: Gregory Kaczynski									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
145	11/14/12	1307		X	B20 boarding ramp – storage 1	X				X	C12-grey tacky flexible caulk
146	11/14/12	1309		X	B20 boarding ramp – storage 1	X					C12-grey tacky flexible caulk
147	11/14/12	1313		X	B20 boarding ramp	X				X	CB6-4" grey covebase
148	11/14/12	1312		X	B20 boarding ramp	X					CB6-4" grey covebase
149	11/14/12	1350		X	B20 boarding ramp	X			X		CT3-2'x4' thin divot/pinhole ceiling tile
150	11/14/12	1349		X	B20 boarding ramp	X			X		CT3-2'x4' thin divot/pinhole ceiling tile
151	11/14/12	1345		X	B20 metal boarding ramp	X				X	G15-brown glue under rubber floor tread
152	11/14/12	1346		X	B20 metal boarding ramp	X					G15-brown glue under rubber floor tread
153	11/14/12	1348		X	B20 metal boarding ramp	X				X	G16-yellow carpet glue
154	11/14/12	1347		X	B20 metal boarding ramp	X					G16-yellow carpet glue

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/16/12	K. Williamson 11/16/12			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Kathleen Williamson 1600	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/26/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Concourse B, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
145	41555	Caulk	See COC		
147	41555	CB			
151	41555	Glue			
153	41555	Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Concourse B (V)

TRC

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Site: Bradley International Airport, Terminal B, Concourse B, Windsor Locks, CT
Lab Log #: 41582
Project #: 183572.4445.0710
Date Received: 12/03/12
Date Analyzed: 12/03/12

RESULTS

Sample No.	Color	Homogeneous	Multi-Layered	Layer No.	Other Matrix Mat'ls	Asbestos %	Asbestos Type
155	Yellow	Yes	No	--	--	ND<1%	None
156	Yellow	Yes	No	--	--	ND<1%	None
157	Black (mastic)	No	Yes	1	--	20%	Chrysotile
157	Black (tile)	No	Yes	2	--	ND<1%	None
158	--	--	--	--	--	ND/PS	--
158	Black (tile)	No	Yes	2	--	ND<1%	None

NA/PS- Not Analyzed/Positive Stop

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace- asbestos was observed at level of less than 1%

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2013. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

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Analyzed by
Kathleen Williamson, Laboratory Manager

Reviewed by
Kathleen Williamson, Laboratory Manager
or other approved signatory

Date Issued: 12/5/12

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41582

PROJECT NUMBER	PROJECT NAME
183572-4445-00710	BIA – Terminal B, Concourse B

SIGNATURE	INSPECTOR
	Greg Kaczynski

TURNAROUND TIME

PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr		3day	X	5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
155	11/6/12	1009		X	B 17 ramp roof	X				X	RG1 – yellow glue under rubber tread roofing material
156	11/6/12	1010		X	B 17 ramp roof	X					RG1 – yellow glue under rubber tread roofing material
157	11/29/12	0843		X	Ground floor – room 129	X		X		X	FT4 – 12x12 black floor tile w/ black mastic
158	11/29/12	0844		X	Ground floor – room 129	X		X			FT4 – 12x12 black floor tile w/ black mastic

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	12/3/12			
(Printed) Greg Kaczynski	Time: 1515	(Printed) Kathleen Williamson 0840	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: K
Acceptable: Yes ___ No ___
Comments:

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 12/04/12

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Concourse B, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
155	41582	Glue	See COC		
157	41582	Tile only			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

TRC
Results you can rely on

BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Lab Log #: 0042904
Project #: 183572.4445.0710
Date Received: 09/17/2013
Date Analyzed: 09/17/2013

Site: Bradley International Airport, Concourse B, Windsor Locks, CT

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
1	Black	Yes	No	--	---		ND<1%	None
2	Black	Yes	No	--	---		ND<1%	None
3	Tan	Yes	No	--	95%	cellulose	ND<1%	None
4	Tan	Yes	No	--	95%	cellulose	ND<1%	None

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2014. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

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Analyzed by: K. Williamson
Kathleen Williamson, Laboratory Manager

Reviewed by: Amanda Parkins
Amanda Parkins, Approved Signatory

Date Issued
09/17/2013

TRC

Edition: October 2009
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WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 42904

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA - Concourse B Wall Inspection.

SIGNATURE	INSPECTOR
[signature]	Mike Kostrubi. Tom Martin.

TURNAROUND TIME								
PLM:		8hr		24hr		48hr		3day
TEM:		24hr	X	48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
1	9/5/13	1505		X	Loc#5 NE, ds TWA Hold Rm	X					CBT I - Black Column Base Tar
2		1506			Loc#5 " "	X				X	CBT I - " "
3		1358			Loc# 2, SC, ds Rm 123D	X					VB I - Tan Paper Vapor Barrier
4		1336			Loc# C, " "	X					VB I - " "

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	9/17/13	[signature] 9/17/13			
(Printed) Mike Kostrubi	Time: 1042	(Printed) 1100 Williamson	(Printed)	Time:	(Printed)

Remarks: Send Results to Greg Kaczynski

Condition of Samples: OK
Acceptable: Yes ____ No ____
Comments:

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 09/18/13

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT – BIA- Concourse B

Relinquished by: K. Williamson - KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: M. Kostruba

Turn Around Time: <12 Hour <24 Hour **<48 Hour** <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
2	42904	Tar	See COC		

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

TRC
Results you can rely on

BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Lab Log #: 0042980
Project #: 183572.4445.0710
Date Received: 09/30/2013
Date Analyzed: 09/30/2013

Site: Bradley International Airport, Concourse B, Windsor Locks, CT

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
01	Grey	Yes	No	--	---	Trace	Anthophyllite
02	Grey	Yes	No	--	---	Trace	Anthophyllite

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2014. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

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Analyzed by: Amanda Parkins, Laboratory Analyst

Reviewed by: Kathleen Williamson, Laboratory Manager

Date Issued 09/30/2013

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 42980

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT – BIA-Concourse B, Windsor Locks, CT		PLM: ✓ 8hr / 24hr / 48hr / 3day TEM: ✗ 24hr / 48hr / 3day / 5day
SIGNATURE: for M. Kostruba	INSPECTOR: Mike Kostruba		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
01	9/26/13	1600		X	TWA holding	X				X	CC1-grey pliable caulk on columns
02	9/26/13	1616		X	Near NW entrance	X					CC1-grey pliable caulk on columns

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
for M. Kostruba	9/30/13	9/30/13			
(Printed) Mike Kostruba	Time: 0930	(Printed) 1000 Williamson	(Printed)	Time:	(Printed)
Remarks:			Condition of Samples: ✓ Acceptable: Yes ✓ No ____ Comments:		Page 1 of 1

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 09/30/13

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT – BIA - Concourse B, Windsor, CT

Relinquished by: A. Parkins – AParkins@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: M. Kostruba

Turn Around Time: <12 Hour **<24 Hour** <48 Hour <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
01	42980	Caulk	See COC		

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

IAB (✓)
(connector)

TRC

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Site: Bradley International Airport, Terminal A-B Connector, Windsor Locks, CT
Lab Log #: 41554
Project #: 183572.4445.0710
Date Received: 11/16/12
Date Analyzed: 11/20/12

RESULTS

Sample No.	Color	Homogeneous	Multi-Layered	Layer No.	Other Matrix Mat'ls	Asbestos %	Asbestos Type
28	Black	Yes	No	--	--	ND<1%	None
29	Tan	Yes	No	--	--	ND<1%	None
30	Yellow	Yes	No	--	--	ND<1%	None
31	White	Yes	No	--	--	ND<1%	None
32	White	Yes	No	--	--	ND<1%	None
33	White/Light Grey	Yes	No	--	20% cellulose 60% mineral wool	ND<1%	None
34	White/Light Grey	Yes	No	--	20% cellulose 60% mineral wool	ND<1%	None

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace- asbestos was observed at level of less than 1%

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2013. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

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Analyzed by
Kathleen Williamson, Laboratory Manager

Reviewed by
Kathleen Williamson, Laboratory Manager
or other approved signatory

Date Issued: 11-21-2012

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41554

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	ConnDOT-BIA Terminal A-B connector, Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr		3day		5day
SIGNATURE	INSPECTOR Gregory Kaczynski									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
28	11/13/12	1335		X	Terminal A-B Connector	X					6" black cove base
29	11/13/12	1336		X	Terminal A-B Connector	X					Tan cove base glue
30	11/13/12	1341		X	Terminal A-B Connector	X					Yellow carpet glue
31	11/13/12	1345		X	Terminal A-B Connector	X				X	White flexible caulk
32	11/13/12	1346		X	Terminal A-B Connector	X					White flexible caulk
33	11/13/12	1340		X	Terminal A-B Connector	X			X		2'x 2' smooth ceiling tile
34	11/13/12	1345		X	Terminal A-B Connector	X			X		2'x 2' smooth ceiling tile

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/16/12	K. Williamson 11/16/12			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Kathleen Williamson 1600	(Printed)	Time:	(Printed)
Remarks:			Condition of Samples: OK Acceptable: Yes ✓ No ____ Comments:		Page 1 of 1

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/26/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal A-B Connector, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
31	41554	Caulk	See COC		

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

IAB ✓

TRC
Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Site: Bradley International Airport, Terminal B, IAB, Windsor Locks, CT
Lab Log #: 41581
Project #: 183572.4445.0710
Date Received: 12/03/12
Date Analyzed: 12/06/12 & 12/07/12

RESULTS

Sample No.	Color	Homogeneous	Multi-Layered	Layer No.	Other Matrix Mat'ls	Asbestos %	Asbestos Type
01	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
02	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
03	White/Grey	Yes	No	--	30% cellulose 60% mineral wool	ND<1%	None
04	White/Grey	Yes	No	--	30% cellulose 60% mineral wool	ND<1%	None
05	White/Grey	Yes	No	--	80% mineral wool	ND<1%	None
06	White/Grey	Yes	No	--	80% mineral wool	ND<1%	None
07	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
08	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
09	White/Grey	Yes	No	--	20% cellulose 60% mineral wool	ND<1%	None
10	White/Grey	Yes	No	--	20% cellulose 60% mineral wool	ND<1%	None
11*	--	--	--	--	--	--	--
12*	--	--	--	--	--	--	--
13*	--	--	--	--	--	--	--
14*	--	--	--	--	--	--	--
15*	--	--	--	--	--	--	--
16*	--	--	--	--	--	--	--
17*	--	--	--	--	--	--	--
18*	--	--	--	--	--	--	--

19*	--	--	--	--	--	--	--
20*	--	--	--	--	--	--	--
21	Orange (glue)	No	Yes	1	--	ND<1%	None
21	Brown/Light Brown/Dark Brown (tile)	No	Yes	2	--	ND<1%	None
22	Orange (glue)	No	Yes	1	--	ND<1%	None
22	Brown/Light Brown/Dark Brown (tile)	No	Yes	2	--	ND<1%	None
23	Black (mastic)	No	Yes	1	--	10%	Chrysotile
23	Off-White (tile)	No	Yes	2	--	3%	Chrysotile
24	--	--	--	--	--	NA/PS	--
24	--	--	--	--	--	NA/PS	--
25	Black (mastic)	No	Yes	1	--	ND<1%	None
25	White/Grey (tile)	No	Yes	2	--	ND<1%	None
26	Black (mastic)	No	Yes	1	--	ND<1%	None
26	White/Grey (tile)	No	Yes	2	--	ND<1%	None
27	Black (mastic)	No	Yes	1	--	ND<1%	None
27	Light Green (tile)	No	Yes	2	--	ND<1%	None
28	Black (mastic)	No	Yes	1	--	ND<1%	None
28	Light Green (tile)	No	Yes	2	--	ND<1%	None
29	Black (mastic)	No	Yes	1	--	10%	Chrysotile
29	Light Brown (tile)	No	Yes	2	--	3%	Chrysotile
30	--	--	--	--	--	NA/PS	--
30	--	--	--	--	--	NA/PS	--
31	Brown	Yes	No	--	--	ND<1%	None
32	Brown	Yes	No	--	--	ND<1%	None
33	Light Brown/Mauve	Yes	No	--	--	ND<1%	None
34	Light Brown/Mauve	Yes	No	--	--	ND<1%	None
35	Black	Yes	No	--	--	ND<1%	None
36	Black	Yes	No	--	--	ND<1%	None
37	Dark Blue	Yes	No	--	--	ND<1%	None
38	Dark Blue	Yes	No	--	--	ND<1%	None
39	Blue	Yes	No	--	--	ND<1%	None
40	Blue	Yes	No	--	--	ND<1%	None
41	Grey	Yes	No	--	--	ND<1%	None
42	Grey	Yes	No	--	--	ND<1%	None
43	Green	Yes	No	--	--	ND<1%	None

44	Green	Yes	No	--	--	ND<1%	None
45	Black/Silver	Yes	No	--	1% cellulose	ND<1%	None
46	Black/Silver	Yes	No	--	1% cellulose	ND<1%	None
47	Black	Yes	No	--	10% fiberglass 1% synthetic	ND<1%	None
48	Black	Yes	No	--	10% fiberglass 1% synthetic	ND<1%	None
49	Black/Silver	Yes	No	--	10% synthetic	20%	Chrysotile
50	--	--	--	--	--	NA/PS	--
51	Black	Yes	No	--	10% fiberglass 10% synthetic	ND<1%	None
52	Black	Yes	No	--	10% fiberglass 10% synthetic	ND<1%	None
53	Black/Silver	Yes	No	--	20% synthetic	ND<1%	None
54	Black/Silver	Yes	No	--	20% synthetic	ND<1%	None
55	Black/Silver	Yes	No	--	30% cellulose	ND<1%	None
56	Black/Silver	Yes	No	--	30% cellulose	ND<1%	None
57	Light Brown	Yes	No	--	--	ND<1%	None
58	Light Brown	Yes	No	--	--	ND<1%	None
59	Light Brown	Yes	No	--	--	ND<1%	None
60	Light Brown	Yes	No	--	--	ND<1%	None
61	Light Grey	Yes	No	--	--	ND<1%	None
62	Light Grey	Yes	No	--	--	ND<1%	None
63	Black/Silver	Yes	No	--	30% cellulose	ND<1%	None
64	Black/Silver	Yes	No	--	30% cellulose	ND<1%	None
65	Black/Silver/Brown	Yes	No	--	30% cellulose 30% synthetic	ND<1%	None
66	Black/Silver/Brown	Yes	No	--	30% cellulose 30% synthetic	ND<1%	None
67	Black/Silver	Yes	No	--	10% cellulose	ND<1%	None
68	Black/Silver	Yes	No	--	10% cellulose	ND<1%	None
69	Black/Silver	Yes	No	--	10% cellulose	ND<1%	None
70	Black	Yes	No	--	30% cellulose	ND<1%	None
71	Black	Yes	No	--	30% cellulose	ND<1%	None
72	Black	Yes	No	--	--	10%	Chrysotile
73	--	--	--	--	--	NA/PS	--
74	Black	Yes	No	--	30% cellulose	ND<1%	None
75	Black	Yes	No	--	30% cellulose	ND<1%	None
76	Grey	Yes	No	--	--	ND<1%	None
77	Grey	Yes	No	--	--	ND<1%	None
78	Grey	Yes	No	--	--	ND<1%	None

79	Beige	Yes	No	--	--	ND<1%	None
80	Beige	Yes	No	--	--	ND<1%	None
81	Beige	Yes	No	--	--	ND<1%	None
82	Black	Yes	No	--	80% cellulose	ND<1%	None
83	Black	Yes	No	--	80% cellulose	ND<1%	None
84	Tan	Yes	No	--	80% cellulose	ND<1%	None
85	Tan	Yes	No	--	80% cellulose	ND<1%	None
86	Silver	Yes	No	--	10% cellulose	ND<1%	None
87	Silver	Yes	No	--	10% cellulose	ND<1%	None
88	Silver	Yes	No	--	10% cellulose	ND<1%	None
89	Light Tan	Yes	No	--	--	ND<1%	None
90	Light Tan	Yes	No	--	--	ND<1%	None
91	Beige	Yes	No	--	--	ND<1%	None
92	Beige	Yes	No	--	--	ND<1%	None
93	Yellow	Yes	No	--	--	ND<1%	None
94	Yellow	Yes	No	--	--	ND<1%	None
95	Beige	Yes	No	--	--	ND<1%	None
96	Beige	Yes	No	--	--	ND<1%	None
97	Cream	Yes	No	--	--	ND<1%	None
98	Cream	Yes	No	--	--	ND<1%	None
99	Yellow	Yes	No	--	--	ND<1%	None
100	Yellow	Yes	No	--	--	ND<1%	None
101	Green	Yes	No	--	--	ND<1%	None
102	Green	Yes	No	--	--	ND<1%	None
103	Tan	Yes	No	--	--	ND<1%	None
104	Tan	Yes	No	--	--	ND<1%	None
105	Beige	Yes	No	--	--	ND<1%	None
106	Beige	Yes	No	--	--	ND<1%	None
107	Black	Yes	No	--	--	ND<1%	None
108	Black	Yes	No	--	--	ND<1%	None
109	Grey	Yes	No	--	--	ND<1%	None
110	Grey	Yes	No	--	--	ND<1%	None
111	Brown/Grey	Yes	No	--	--	ND<1%	None
112	Brown/Grey	Yes	No	--	--	ND<1%	None
113	Brown	Yes	No	--	--	ND<1%	None
114	Brown	Yes	No	--	--	ND<1%	None

115	Brown	Yes	No	--	--	ND<1%	None
116	Brown	Yes	No	--	--	ND<1%	None
117	White	Yes	No	--	--	10%	Chrysotile
118	--	--	--	--	--	NA/PS	--
119	Cream	Yes	No	--	--	ND<1%	None
120	Cream	Yes	No	--	--	ND<1%	None
121	Grey	Yes	No	--	--	ND<1%	None
122	Brown	Yes	No	--	--	ND<1%	None
123	Brown	Yes	No	--	--	ND<1%	None
124	Brown	Yes	No	--	--	ND<1%	None
125	Brown	Yes	No	--	--	ND<1%	None
126	Grey	Yes	No	--	--	5%	Chrysotile
127	--	--	--	--	--	NA/PS	--
128	Brown	Yes	No	--	--	10%	Chrysotile
129	--	--	--	--	--	NA/PS	--
130	Brown	Yes	No	--	--	5%	Chrysotile
131	--	--	--	--	--	NA/PS	--
132	Black	Yes	No	--	--	ND<1%	None
133	Black	Yes	No	--	--	ND<1%	None
134	White	Yes	No	--	--	ND<1%	None
135	White	Yes	No	--	--	ND<1%	None
136	Black	Yes	No	--	--	ND<1%	None
137	Black	Yes	No	--	--	ND<1%	None
138	Dark Brown	Yes	No	--	--	10%	Anthophyllite
139	--	--	--	--	--	NA/PS	--
140	Tan	Yes	No	--	--	ND<1%	None
141	Tan	Yes	No	--	--	ND<1%	None
142	Cream	Yes	No	--	--	ND<1%	None
143	Cream	Yes	No	--	--	ND<1%	None
144	White	Yes	No	--	--	ND<1%	None
145	White	Yes	No	--	--	ND<1%	None
146	Black	Yes	No	--	2% cellulose	ND<1%	None
147	Black	Yes	No	--	2% cellulose	ND<1%	None
148	Black	Yes	No	--	--	ND<1%	None
149	Black	Yes	No	--	--	ND<1%	None
150	Brown	Yes	No	--	--	ND<1%	None

151	Brown	Yes	No	--	--	ND<1%	None
152	Grey	Yes	No	--	30% mineral wool	ND<1%	None
153	Grey	Yes	No	--	30% mineral wool	ND<1%	None
154	Grey	Yes	No	--	30% mineral wool	30%	Chrysotile
155	Grey	Yes	No	--	30% mineral wool	30%	Chrysotile
156	White	Yes	No	--	60% mineral wool	30%	Chrysotile
157	--	--	--	--	--	NA/PS	--
158	--	--	--	--	--	NA/PS	--
159	--	--	--	--	--	NA/PS	--
160	Grey	Yes	No	--	80% mineral wool	ND<1%	None
161	Grey	Yes	No	--	80% mineral wool	ND<1%	None
162	Grey	Yes	No	--	80% mineral wool	ND<1%	None
163	Yellow/White/Black	Yes	No	--	--	10%	Chrysotile
164	--	--	--	--	--	NA/PS	--
165	Yellow	Yes	No	--	--	ND<1%	None
166	Yellow	Yes	No	--	--	ND<1%	None
167	Black	Yes	No	--	--	10%	Chrysotile
168	--	--	--	--	--	NA/PS	--
169	Black	Yes	No	--	--	ND<1%	None
170	Black	Yes	No	--	--	ND<1%	None
171	Yellow	Yes	No	--	2% synthetic	ND<1%	None
172	Yellow	Yes	No	--	2% synthetic	ND<1%	None
173	Green	Yes	No	--	2% synthetic	ND<1%	None
174	Green	Yes	No	--	2% synthetic	ND<1%	None
175	Yellow	Yes	No	--	2% cellulose	ND<1%	None
176	Yellow	Yes	No	--	2% cellulose	ND<1%	None
177	Grey	Yes	No	--	10% cellulose	ND<1%	None
178	Grey	Yes	No	--	10% cellulose	ND<1%	None
179	Grey	Yes	No	--	10% cellulose	ND<1%	None
180	Grey	Yes	No	--	20% mineral wool	ND<1%	None
181	Grey	Yes	No	--	20% mineral wool	ND<1%	None
182	Grey	Yes	No	--	20% mineral wool	ND<1%	None
183	Grey	Yes	No	--	--	ND<1%	None
184	Grey	Yes	No	--	--	ND<1%	None
185	Grey	Yes	No	--	--	ND<1%	None
186	Black	Yes	No	--	40% fiberglass	ND<1%	None

187	Black	Yes	No	--	40% fiberglass	ND<1%	None
188	Black	Yes	No	--	40% fiberglass	ND<1%	None
189	White	Yes	No	--	10% fiberglass	ND<1%	None
190	White	Yes	No	--	10% fiberglass	ND<1%	None
191	White	Yes	No	--	10% fiberglass	ND<1%	None
192	Light Yellow	Yes	No	--	1% cellulose	ND<1%	None
193	Light Yellow	Yes	No	--	1% cellulose	ND<1%	None
194	Grey	Yes	No	--	--	10%	Chrysotile
195	--	--	--	--	--	NA/PS	--
196	Grey	Yes	No	--	--	ND<1%	None
197	Grey	Yes	No	--	--	ND<1%	None
198	Red	Yes	No	--	--	ND<1%	None
199	Red	Yes	No	--	--	ND<1%	None
200	Grey	Yes	No	--	--	ND<1%	None
201	Grey	Yes	No	--	--	ND<1%	None
202	Grey	Yes	No	--	--	ND<1%	None
203	Grey	Yes	No	--	--	ND<1%	None
204	Tan (joint compound)	No	Yes	1	--	ND<1%	None
204	White (sheetrock)	No	Yes	2	2% cellulose	ND<1%	None
205	Tan (joint compound)	No	Yes	1	--	ND<1%	None
205	White (sheetrock)	No	Yes	2	2% cellulose	ND<1%	None
206	White (joint compound)	No	Yes	1	--	ND<1%	None
206	Grey (sheetrock)	No	Yes	2	--	ND<1%	None
207	White (joint compound)	No	Yes	1	--	ND<1%	None
207	Grey (sheetrock)	No	Yes	2	--	ND<1%	None
208	White (skim coat)	No	Yes	1	--	ND<1%	None
208	Grey (base coat)	No	Yes	2	--	ND<1%	None
209	White (skim coat)	No	Yes	1	--	ND<1%	None
209	Grey (base coat)	No	Yes	2	--	ND<1%	None
210	White (skim coat)	No	Yes	1	--	ND<1%	None
210	Grey (base coat)	No	Yes	2	--	ND<1%	None
211	Grey	Yes	No	--	--	ND<1%	None
212	Grey	Yes	No	--	--	ND<1%	None
213	White (skim coat)	No	Yes	1	--	ND<1%	None
213	Grey (base coat)	No	Yes	2	--	ND<1%	None
214	Grey	Yes	No	--	--	ND<1%	None

215	Grey	Yes	No	--	--	ND<1%	None
216	Grey	Yes	No	--	--	ND<1%	None
217	White	Yes	No	--	--	ND<1%	None
218	White	Yes	No	--	--	ND<1%	None
219	Cream	Yes	No	--	--	ND<1%	None
220	Cream	Yes	No	--	--	ND<1%	None
221	Black	Yes	No	--	20% fiberglass	20%	Chrysotile
222	Black	Yes	No	--	10% cellulose	ND<1%	None
223	Black	Yes	No	--	10% cellulose	ND<1%	None
224	Black	Yes	No	--	30% fiberglass	ND<1%	None
225	Light Brown	Yes	No	--	--	ND<1%	None
226	Light Brown	Yes	No	--	--	ND<1%	None
227	Grey	Yes	No	--	--	ND<1%	None
228	Black/Grey	Yes	No	--	2% cellulose	10%	Chrysotile
229	--	--	--	--	--	NA/PS	--
230	Black/Brown	Yes	No	--	10% cellulose	ND<1%	None
231	Black/Brown	Yes	No	--	10% cellulose	ND<1%	None
232	White	Yes	No	--	--	ND<1%	None
233	White	Yes	No	--	--	ND<1%	None
234	White	Yes	No	--	--	ND<1%	None
235	Black	Yes	No	--	--	3%	Chrysotile
236	--	--	--	--	--	NA/PS	--
237	White/Light Grey	Yes	No	--	20% mineral wool	ND<1%	None
238	White/Light Grey	Yes	No	--	20% mineral wool	ND<1%	None
239	White	Yes	No	--	--	ND<1%	None
240	White	Yes	No	--	--	ND<1%	None
241	Mauve	Yes	No	--	--	ND<1%	None
242	Mauve	Yes	No	--	--	ND<1%	None
243	Grey	Yes	No	--	--	ND<1%	None
244	White	Yes	No	--	--	20%	Amosite
245	--	--	--	--	--	NA/PS	--
246	--	--	--	--	--	NA/PS	--
247	Grey	Yes	No	--	20% cellulose	ND<1%	None
248	Grey	Yes	No	--	20% cellulose	ND<1%	None
249	Grey	Yes	No	--	20% cellulose	ND<1%	None

* Sample missing

NA/PS- Not Analyzed/Positive Stop

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace- asbestos was observed at level of less than 1%

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2013. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by _____
Kathleen Williamson, Laboratory Manager

Reviewed by _____
Kathleen Williamson, Laboratory Manager
or other approved signatory

Date Issued: 12-11-2012

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41581

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA Terminal B, IAB

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME

PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr		3day	X	5day

PARAMETERS

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
01	10/31/12	0900		x	Ground Fl. Room 156	X			X		CT1- 2x2 comma/pinhole ceiling tile
02	11/8/12	1038		x	Room 8B	X					CT1- 2x2 comma/pinhole ceiling tile
03	10/31/12	0901		x	Ground fl. Room 167	X					CT2- 2x2 divot/multi pinhole size ceiling tile
04	11/8/12	0800		x	Gr. FL. Stairwell #1	X					CT2- 2x2 divot/multi pinhole size ceiling tile
05	11/7/12	1345		x	Gr. Fl. Room 169	X					CT3- 1x1 canyon pattern spline ceiling tile
06	11/7/12	1500		x	Room 172	X					CT3- 1x1 canyon pattern spline ceiling tile
07	11/7/12	1440		x	Room 172a	X					CT4- 2x4 comma/pinhole ceiling tile
08	11/7/12	1441		x	Room 172a	X					CT4- 2x4 comma/pinhole ceiling tile
09	11/7/12	1440		x	Room 172	X					CT5- 1x1 spline snowflake pattern ceiling tile
10	11/7/12	1444		x	Room 172	X					CT5- 1x1 spline snowflake pattern ceiling tile
~~11~~											~~CT6- 1x1 wormhole/pinhole ceiling tile (splined)~~

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	12/3/12			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Kathleen Williamson 0840	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: X
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41581

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	BIA Terminal B, IAB		PLM: 8hr 24hr 48hr 3day TEM: 24hr 48hr 3day 5day
SIGNATURE	INSPECTOR		
	Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
~~12~~				~~x~~		~~X~~			~~X~~		~~CT6- 1x1 wormhole/pinhole ceiling tile (splined)~~
13	11/8/12	0842		x	Bay 1c	X					CT7- 2x4 wormhole/pinhole ceiling tile
14	11/8/12	0843		x	Bay 1c	X					CT7- 2x4 wormhole/pinhole ceiling tile
15	11/8/12	0850		x	Bay 1a	X					CT8- 2x4 wormhole/pinhole ceiling tile
16	11/8/12	0851		x	Bay 1a	X					CT8- 2x4 wormhole/pinhole ceiling tile
17	11/8/12	1120		x	Stair tower one	X					CT9- 2x2 wormhole/pinhole ceiling tile
18	11/8/12	1121		x	Stair tower one	X					CT9- 2x2 wormhole/pinhole ceiling tile
19	11/8/12	1310		x	Baggage claim 4	X					CT10- 2x2 ridgeline ceiling tile
20	11/8/12	1312		x	Baggage claim 4	X					CT10- 2x2 ridgeline ceiling tile
21	11/7/12	1422		x	Room 171a	X		X		X	FT1- 12x12 brown w/dark and light brown confetti floor tile w/ orange glue

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	12/3/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) 0940 Kathleen Williamson	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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LAB ID #. 41581

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA Terminal B, IAB

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME								
PLM:		8hr		24hr		48hr		3day
TEM:		24hr		48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
22	11/7/12	1424		x	Room 171a	X		X			FT1- 12x12 brown w/dark and light brown confetti floor tile w/ orange glue
23	11/1/12	1420		x	Room 171a	X		X		X	FT2- 9x9 off white floor tile w/black mastic
24	11/7/12	1421		x	Room 171a	X		X			FT2- 9x9 off white floor tile w/black mastic
25	11/8/12	1013		x	Room 8a	X		X		X	FT 3- 12x12 white w/gray confetti pattern floor tile w/black mastic
26	11/8/12	1015		x	Room 8a	X		X			FT 3- 12x12 white w/gray confetti pattern floor tile w/black mastic
27	11/8/12	1117		x	Room 8a	X		X		X	FT4- 12x12 pale green confetti pattern floor tile w/black mastic
28	11/8/12	1116		x	Room 8a	X		X			FT4- 12x12 pale green confetti pattern floor tile w/black mastic
29	11/8/12	1325		x	Baggage claim	X		X		X	FT5- 12x12 light brown w/small white and dark brown streaks floor tile w/black mastic

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	12/3/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) 0840 Kathleen Williamson	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes _____ No _____
Comments:

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SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME								
PLM:		8hr		24hr		48hr		3day
TEM:		24hr		48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
30	11/8/12	1326		x	Baggage claim	X		X			FT5- 12x12 light brown w/small white and dark brown streaks floor tile w/black mastic
31	10/31/12	0858		x	Room 166	X				X	CB1- 6" brown cove base
32	10/31/12	0859		x	Room 167	X					CB1- 6" brown cove base
33	11/7/12	1158		x	Room 169	X				X	CB2- 6" light brown mauve cove base
34	11/7/12	1159		x	Room 169a	X					CB2- 6" light brown mauve cove base
35	11/8/12	1117		x	Room8a	X				X	CB3- 4" black cove base
36	11/8/12	1118		x	Room 8a hallway	X					CB3- 4" black cove base
37	11/8/12	1115		x	Stair tower one	X				X	CB4- 4" dark blue cove base
38	11/8/12	1117		x	Stair tower one	X					CB4- 4" dark blue cove base
39	11/8/12	1330		x	Baggage claim 4	X				X	CB5- 6" blue cove base
40	11/8/12	1330		x	Baggage claim 4	X					CB5- 6" blue cove base

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	K. Williamson 12/3/12			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Kathleen Williamson 0840	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No _____
Comments:

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LAB ID #. 41581

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA Terminal B, IAB

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME

PLM:		8hr		24hr		48hr		3day
TEM:		24hr		48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
41	11/8/12	1331		x	Baggage claim 4	X				X	CB6- 6" gray cove base
42	11/8/12	1332		x	Baggage claim 4	X					CB6- 6" gray cove base
43	11/8/12	1450		x	Bathroom 1a	X				X	CB7- 4" green cove base
44	11/8/12	1451		x	Bathroom 1a	X					CB7- 4" green cove base
45	11/6/12	1356		x	Roof 1	X				X	PEN1- Penetration flashing tar
46	11/6/12	1358		x	Roof 1	X					PEN1- Penetration flashing tar
47	11/6/12	1419		x	Roof 2	X		X		X	PEN2- Silver asphalt roll on/asphalt/tar layers
48	11/6/12	1420		x	Roof 2	X		X			PEN2- Silver asphalt roll on/asphalt/tar layers
49	11/7/12	1005		x	Roof 3	X		X		X	PEN3- Silver/black asphalt penetration flashing
50	11/7/12	1218		x	Roof 3b	X		X			PEN3- Silver/black asphalt penetration flashing
51	11/6/12	1348		x	Roof 1	X				X	PER1- Perimeter flashing tar

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	12/3/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Kathleen Williamson 0840	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

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LAB ID #. 41581

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA Terminal B, IAB

SIGNATURE	INSPECTOR
	Gregory Kaczynski

PARAMETERS

TURNAROUND TIME

PLM:		8hr		24hr		48hr		3day
TEM:		24hr		48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
52	11/6/12	1340		x	Roof 1	X					PER1- Perimeter flashing tar
53	11/6/12	1410		x	Roof 2	X				X	PER2- Perimeter flashing tar
54	11/6/12	1414		x	Roof 2	X					PER2- Perimeter flashing tar
55	11/7/12	1009		x	Roof 3	X				X	PER3- Silver black asphalt perimeter flashing
56	11/7/12	1022		x	Roof 3b	X					PER3- Silver black asphalt perimeter flashing
57	11/6/12	1320		x	Roof1	X					RSC1- Soft concrete under RF1
58	11/7/12	1029		x	Roof 3c	X					RSC1- Soft concrete under RF1
59	11/6/12	1410		x	Roof 2	X					RSC2- Soft concrete under RF2
60	11/6/12	1412		x	Roof 2	X					RSC2- Soft concrete under RF2
61	11/7/12	0959		x	Roof 3	X					RSC3- Soft concrete under RF3
62	11/7/12	1016		x	Roof 3b	X					RSC3- Soft concrete under RF3

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	12/3/12			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Kathleen Williamson 0840	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: N
Acceptable: Yes ✓ No
Comments:

TRC

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41581

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	BIA Terminal B, IAB		PLM: 8hr 24hr 48hr 3day TEM: 24hr 48hr 3day 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
63	11/6/12	1315		X	Roof 1	X				X	RF1- Silver asphalt roll-on 2" thick/asphalt layer
64	11/6/12	1318		X	Roof 1	X					RF1- Silver asphalt roll-on 2" thick/asphalt layer
65	11/6/12	1408		X	Roof 2	X				X	RF2- Penetration flashing tar
66	11/6/12	1411		X	Roof 2	X					RF2- Penetration flashing tar
67	11/7/12	1000		X	Roof 3	X				X	RF3- Silver asphalt/tar layers (1.5" thick)
68	11/7/12	1024		X	Roof 3	X					RF3- Silver asphalt/tar layers (1.5" thick)
69	11/7/12	1015		X	Roof 3	X					RF3- Silver asphalt/tar layers (1.5" thick)
70	10/26/12	1157		X	IAB Exterior	X				X	FL1- Black flashing tar around duct/HVAC interface
71	10/26/12	1158		X	IAB Exterior	X					FL1- Black flashing tar around duct/HVAC interface
72	11/7/12	1030		X	West canopy	X				X	FL2- Black flashing on top of canopy seam
73	11/7/12	1031		X	West canopy	X					FL2- Black flashing on top of canopy seam

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	K. Williamson 12/3/12			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Kathleen Williamson 0840	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

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LAB ID #. 41581

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	BIA Terminal B, IAB		PLM:		8hr		24hr		48hr		3day
			TEM:		24hr		48hr		3day		5day
SIGNATURE	INSPECTOR: Gregory Kaczynski									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
74	11/6/12	1359		X	Roof 1	X				X	RT1- Asphalt roof walkway tiles 2.5x4 ft.
75	11/6/12	1400		X	Roof 1	X					RT1- Asphalt roof walkway tiles 2.5x4 ft.
76	11/7/12	1045		X	West façade overhang	X			X		TC1- [redacted]
77	11/7/12	1047		X	West façade overhang	X					TC1- [redacted]
78	11/7/12	1049		X	West façade overhang	X					TC1- [redacted]
79	11/8/12	1315		X	Baggage claim 4	X			X		TC2- [redacted]
80	11/8/12	1317		X	Baggage claim 4	X					TC2- [redacted]
81	11/8/12	1319		X	Baggage claim 4	X					TC2- [redacted]
82	10/26/12	1132		X	Exterior	X				X	TVB1- Black tar vapor barrier/fibrous ground joint material
83	10/26/12	1143		X	Exterior	X					TVB1- Black tar vapor barrier/fibrous ground joint material

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	12/3/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Kathleen Williamson 0540	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ____ No ____
Comments:

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SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME								
PLM:		8hr		24hr		48hr		3day
TEM:		24hr		48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
84	10/26/12	1152		x	Exterior	X				X	TC1- Tan coating on outside of HVAC duct
85	10/26/12	1153		x	Exterior	X					TC1- Tan coating on outside of HVAC duct
86	11/7/10	1030		x	Roof 3	X				X	SRC1- Silver roof coating
87	11/7/10	1032		x	Roof 3	X					SRC1- Silver roof coating
88	11/7/10	1033		x	Roof 3	X					SRC1- Silver roof coating
89	11/7/12	1428		X	Room 171A	X				X	G1-light tan glue behind fiberboard wall panel
90	11/7/12	1430		X	Room 171A	X					G1-light tan glue behind fiberboard wall panel
91	11/8/12	1046		X	Room 8C	X				X	G2-beige glue behind counter wall panel
92	11/8/12	1045		X	Room 8C	X					G2-beige glue behind counter wall panel
93	11/8/12	1112		X	Stair tower 1	X				X	G3-yellow glue under 1.5'x1.5' rubber floor tiles
94	11/8/12	1110		X	Stair tower 1	X					G3-yellow glue under 1.5'x1.5' rubber floor tiles

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	K. Williamson 12/3/12			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Kathleen Williamson 0840	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41581

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA Terminal B, IAB

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME

PLM:		8hr		24hr		48hr		3day
TEM:		24hr		48hr		3day		5day

PARAMETERS

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
95	11/8/12	1351		X	Baggage claim 4	X				X	G4-beige glue behind sheetrock walls
96	11/8/12	1350		X	Baggage claim 4	X					G4-beige glue behind sheetrock walls
97	11/12/12	1049		X	Room 174	X				X	G5-cream glue behind plastic wall panel
98	11/12/12	1047		X	Room 174	X					G5-cream glue behind plastic wall panel
99	11/12/12	1050		X	Room 174	X				X	G6-yellow residual glue (behind sheetrock wall)
100	11/12/12	1052		X	Room 174	X					G6-yellow residual glue (behind sheetrock wall)
101	11/12/12	1155		X	B23 area	X				X	G7-greenish wall panel glue behind metal panel
102	11/12/12	1155		X	B23 area	X					G7-greenish wall panel glue behind metal panel
103	11/12/12	1159		X	B23 area	X				X	G8-tan wall panel glue behind metal panel
104	11/12/12	1158		X	B23 area	X					G8-tan wall panel glue behind metal panel
105	11/12/12	1400		X	Area 3	X				X	G9-beige glue behind sheetrock wall

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	12/3/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Kathleen Williamson 0840	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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LAB ID #. 41581

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA Terminal B, IAB

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME

PLM:		8hr		24hr		48hr		3day
TEM:		24hr		48hr		3day		5day

PARAMETERS

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
106	11/12/12	1358		X	Area 3	X					G9-beige glue behind sheetrock wall
107	10/26/12	1050		X	Exterior	X				X	C1-black flexible caulk
108	10/26/12	1106		X	Exterior	X					C1-black flexible caulk
109	10/26/12	1137		X	Exterior	X				X	C2-grey flexible caulk
110	10/31/12	0909		X	Ground floor-167	X					C2-grey flexible caulk
111	10/26/12	1058		X	Exterior	X				X	C3-hard semi-flex caulk (brownish-dirty grey)
112	10/26/12	1131		X	Exterior	X					C3-hard semi-flex caulk (brownish-dirty grey)
113	10/26/12	1110		X	Exterior	X				X	C4-brown powdery exterior real flexible caulk
114	11/5/12	1330		X	Exterior – west side	X					C4-brown powdery exterior real flexible caulk
115	10/26/12	1142		X	Exterior	X				X	C5-brown sticky slight flex caulk
116	11/7/12	1340		X	Exterior – outside room 66	X					C5-brown sticky slight flex caulk

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	12/3/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Kathleen Williamson 0840	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: ac
Acceptable: Yes ✓ No
Comments:

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LAB ID #. 41581

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	BIA Terminal B, IAB		PLM: 8hr 24hr 48hr 3day TEM: 24hr 48hr 3day 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
117	10/26/12	1145		X	Exterior	X				X	C6-white fibrous putty-like caulk
118	10/26/12	1147		X	Exterior	X					C6-white fibrous putty-like caulk
119	11/6/12	1156		X	Exterior – NW entry roof	X				X	C7-cream hard brittle caulk
120	11/6/12	1155		X	Exterior – NW entry roof	X					C7-cream hard brittle caulk
121	11/5/12	1416		X	Exterior – 1st floor west	X					C22-grey caulk (from MT series)
122	10/26/12	1108		X	Exterior	X				X	WG1-brown semi pliable, crumbly window glaze
123	10/26/12	1140		X	Exterior	X					WG1-brown semi pliable, crumbly window glaze
124	11/12/12	0850		X	Ground floor-TSA	X				X	WG1A-brown semi pliable glaze on interior of WG1 windows
125	11/12/12	1035		X	Room 174D	X					WG1A-brown semi pliable glaze on interior of WG1 windows
126	10/26/12	1220		X	Exterior	X				X	WG2-hard grey brittle window glaze

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	12/3/12			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Kathleen Williamson 0840	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ___ No ___
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41541

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	BIA Terminal B, IAB		PLM: 8hr 24hr 48hr 3day TEM: 24hr 48hr 3day 5day
SIGNATURE	INSPECTOR		
	Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
127	10/26/12	1221		X	Exterior	X					WG2-hard grey brittle window glaze
128	10/31/12	0848		X	Ground floor – 167	X				X	WG3-brown putty sticky window glaze
129	10/31/12	0850		X	Ground floor	X					WG3-brown putty sticky window glaze
130	11/12/12	1108		X	Room 174	X				X	WG4-brown putty glaze in overhang windows
131	11/12/12	1109		X	Room 174	X					WG4-brown putty glaze in overhang windows
132	11/12/12	1401		X	Area 3	X				X	WG5-black putty window glaze
133	11/12/12	1359		X	Area 3	X					WG5-black putty window glaze
134	10/26/12	1123		X	Exterior B21 boarding ramp	X				X	DWG1-white hard door window glaze
135	10/26/12	1125		X	Exterior B21 boarding ramp	X					DWG1-white hard door window glaze
136	11/8/12	1140		X	B22 boarding ramp	X				X	DWG2-black putty door window glaze
137	11/8/12	1100		X	Ground floor – 8D	X					DWG2-black putty door window glaze

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	12/3/12 K. Williamson			
(Printed)	Time:	(Printed)	(Printed)	Time:	(Printed)
Gregory Kaczynski	1600	0840 Kathleen Williamson			

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41581

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA Terminal B, IAB

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME

PLM:		8hr		24hr		48hr		3day
TEM:		24hr		48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
138	10-31-12	0855		X	Ground floor-166	X				X	CBG1-dark brown cove base glue
139	11-12-12	0922		X	Ground floor-TSA	X					CBG1- dark brown cove base glue
140	10-31-12	0855		X	Ground floor-166	X				X	CBG2-tan cove base glue
141	10-31-12	0852		X	Ground floor-166	X					CBG2-tan cove base glue
142	11-12-12	146		X	Area 3	X				X	CBG3-cream cove base glue
143	11-7-12	1445		X	Room 172 A	X					CBG3-cream cove base glue
144	11-8-12	1125		X	Stairwell 1	X				X	CBG4-white cove base glue
145	11-8-12	1127		X	Stairwell 1	X					CBG4- white cove base glue
146	11-13-12	1110		X	Elevated Area	X				X	CBG5-black cove base glue
147	11-13-12	1115		X	Elevated Area	X					CBG5-black cove base glue
148	11-12-12	1033		X	Room 174 D	X				X	CB8-6" black cove base

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	12/3/12			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) 0840 Kathleen Williamson	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: ok
Acceptable: Yes ✓ No ____
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PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA Terminal B, IAB

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME								
PLM:		8hr		24hr		48hr		3day
TEM:		24hr		48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PARAMETERS: PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
149	11-12-12	1034		X	Room 174 D	X					CB8-4" black cove base
150	11-12-12	1345		X	Area 3	X				X	CB9-4" brown cove base
151	11-12-12	1346		X	Area 3	X			X		CB9-4" brown covebase
152	11-13-12	1320		X	Public corridor	X					SPFa-Gray spray-on fireproofing with red coloring
153	11-13-12	1317		X	Public corridor	X					SPFa-Gray spray-on fireproofing with red coloring
154	11-13-12	1131		X	Public corridor	X					SPFa-Gray spray-on fireproofing with red coloring
155	11-13-12	1100		X	Elevated area	X					SPFa-Gray spray-on fireproofing with red coloring
156	11-2-12	1136		X	B23 area	X					SPF1-White soft spray-on fireproofing
157	11-8-12	1021		X	Room 8A	X					SPF1-White soft spray-on fireproofing
158	11-8-12	1020		X	Room 8A	X					SPF1-White soft spray-on fireproofing
159	11-8-12	1021		X	Room 8A	X					SPF1-White soft spray-on fireproofing

Relinquished by: (Signature)	Date:	Received by: (Signature) 12/3/12	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	K. Williamson			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) 0840 Kathleen Williamson	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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LAB ID #. 41581

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA Terminal B, IAB

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME								
PLM:		8hr		24hr		48hr		3day
TEM:		24hr		48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
160	11-162	1142		X	Entry 2	X			X		SPF2-Gray spray-on fireproofing with pinkish coloring
161	11-16-12	1143		X	Entry 2	X					SPF2-Gray spray-on fireproofing with pinkish coloring
162	11-16-12	1137		X	Entry 1	X					SPF2-Gray spray-on fireproofing with pinkish coloring
163	11-7-12	1155		X	Room 169 A	X				X	M1-Yellow glue/white leveler/black mastic
164	11-7-12	1350		X	Room 169	X					M1-Yellow glue/white leveler/black mastic
165	11-7-12	1405		X	Room 171	X				X	M2-Yellow glue under 12x12 pink VCT
166	11-7-12	1407		X	Room 171	X					M2-Yellow glue under 12x12 pink VCT
167	11-7-12	1410		X	Room 172	X				X	M3-Black mastic under FT1
168	11-7-12	1412		X	Room 172	X					M3-Black mastic under FT1
169	11-13-12	1142		X	Elevated area	X				X	M4-Black residual mastic around carpet perimeter

Relinquished by: (Signature)	Date:	Received by: (Signature) 12/3/12	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	K. Williamson			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) 0840 Kathleen Williamson	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No _____
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LAB ID #. 41581

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA Terminal B, IAB

SIGNATURE	INSPECTOR
	Gregory Kaczynski

PARAMETERS

TURNAROUND TIME

PLM:		8hr		24hr		48hr		3day
TEM:		24hr		48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
170	11-13-12	1122		X	Elevated area	X					M4-Black residual mastic around/under carpet perimeter
171	11-8-12	1050		X	Room 8 C	X				X	CG1-Yellow carpet glue
172	11-8-12	1328		X	Bag Claim 4	X					CG1-Yellow carpet glue
173	11-12-12	1027		X	Room 174 D	X				X	CG2-Green sticky carpet glue
174	11-8-12	1052		X	Room 8 C	X					CG2-Green sticky carpet glue
175	11-13-12	1136		X	Public corridor	X				X	WCG1-Yellow wall carpet glue
176	11-8-12	1340		X	Bag claim 4	X					WCG1-Yellow wall carpet glue
177	11-13-12	0856		X	Mechanical room	X			X		EC1-Mudded end-cap insulation
178	11-13-12	0857		X	Mechanical room	X					EC1-Mudded end-cap insulation
179	11-13-12	0858		X	Mechanical room	X					EC1-Mudded end-cap insulation
180	11-13-12	0900		X	Mechanical room	X					MF1-Mudded fittings in Mechanical room

Relinquished by: (Signature)	Date:	Received by: (Signature) 12/3/12	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	K Williamson			
(Printed)	Time:	(Printed) 0840	(Printed)	Time:	(Printed)
Gregory Kaczynski	1600	Kathleen Williamson			

Remarks:

Condition of Samples: ok
Acceptable: Yes ✓ No
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LAB ID #. 41581

PROJECT NUMBER	PROJECT NAME
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SIGNATURE	INSPECTOR
	Gregory Kaczynski

PARAMETERS

TURNAROUND TIME

PLM:		8hr		24hr		48hr		3day
TEM:		24hr		48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
181	11-13-12	0859		X	Mechanical room	X			X		MF1-Mudded fittings in mechanical room
182	11-13-12	0858		X	Mechanical room	X			X		MF1-Mudded fittings in mechanical room
183	11-13-12	0844		X	Mechanical room	X			X		BR1-Gray brittle breaching cement on chimney
184	11-13-12	0844		X	Mechanical room	X					BR1-Gray brittle breaching cement on chimney
185	11-13-12	0842		X	Mechanical room	X					BR1-Gray brittle breaching cement on chimney
186	11-13-12	0904		X	Mechanical room	X			X		PI1-Black tar paper layer under paper of fiber glass pipe insulation
187	11-13-12	0905		X	Mechanical room	X					PI1-Black tar paper layer under paper of fiber glass pipe insulation
188	11-13-12	0904		X	Mechanical room	X					PI1-Black tar paper layer under paper of fiber glass pipe insulation
189	11-13-12	0846		X	Mechanical room	X				X	PS1-White seam sealant on white fiberglass lines with PVC fittings

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	12/3/12			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Kathleen Williamson 0840	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: ok
Acceptable: Yes ✓ No ____
Comments:

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LAB ID #. 41581

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	BIA Terminal B, IAB		PLM: 8hr 24hr 48hr 3day TEM: 24hr 48hr 3day 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
190	11-13-12	0845		X	Mechanical room	X					PS1-White seam sealant on white fiberglass lines with PVC fittings
191	11-8-12	1354		X	Stairwell 2	X					PS1-White seam sealant on white fiberglass lines with PVC fittings
192	11-3-12	1051		X	Mechanical room	X				X	DS1-light yellow glue under silver wrapped fiberglass duct insulation
193	10-31-12	0951		X	Ground floor-Room 167	X					DS1-light yellow glue under silver wrapped fiberglass duct insulation
194	11-6-12	1153		X	Roof 1	X				X	DS2-Gray putty duct sealant between HVAC1 seams
195	11-6-12	1152		X	Roof 1	X					DS2-Gray putty duct sealant between HVAC1 seams
196	11-3-12	1048		X	TSA Mechanical room	X				X	DS3-Gray flex sealant in "Trane" HVAC unit
197	11-3-12	1050		X	TSA Mechanical room	X					DS3-Gray flex sealant in "Trane" HVAC unit
198	11-12-12	1410		X	Area 3	X				X	FS1-Red flexible fire penetration sealant
199	11-12-12	1409		X	Area 3	X					FS1-Red flexible fire penetration sealant

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	K. Williamson 12/3/12			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Kathleen Williamson 0840	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41581

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA Terminal B, IAB

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME

PLM:		8hr		24hr		48hr		3day
TEM:		24hr		48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
200	11-8-12	1039		X	Women's room 8	X			X		GR1-Gray grout behind and between 1.5" ceramic wall tiles
201	11-8-12	1040		X	Women's room 8	X					GR1-Gray grout behind and between 1.5" ceramic wall tiles
202	11-8-12	1459		X	Bathroom 1A	X					GR2-Gray grout under and between 1.5" ceramic floor tiles
203	11-8-12	1501		X	Bathroom 1A	X					GR2-Gray grout under and between 1.5" ceramic floor tiles
204	10-31-12	0906		X	Ground floor – room 166	X		X	X		SHR1-White sheetrock with tan joint compound
205	11-7-12	1400		X	Room 169 A	X		X			SHR1-White sheetrock with tan joint compound
206	11-12-12	1023		X	Room 174 D	X		X			SHR2-Light gray sheetrock with white joint compound
207	11-8-12	0840		X	Bay 1 C	X		X			SHR2-Light gray sheetrock with white joint compound
208	11-12-12	1023		X	Room 174 D	X		X			PL1-Gray plaster basecoat with white skim coat

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	12/3/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) 0840 Kathleen Williamson	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41581

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA Terminal B, IAB

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME

PLM:		8hr		24hr		48hr		3day
TEM:		24hr		48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
209	11-12-12	0825		X	TSA lobby	X		X	X		PL1-Gray plaster basecoat with white skim coat
210	11-12-12	0847		X	TSA- Main area	X		X			PL1-Gray plaster basecoat with white skim coat
211	11-13-12	1050		X	TSA Mechanical room	X					PL1-(Gray plaster basecoat only)
212	11-8-12	1440		X	Generator room 1	X					PL1-(Gray plaster basecoat only)
213	11-8-12	1042		X	Women's room 8	X		X			PL1-Gray plaster basecoat with white skim coat
214	11-8-12	1336		X	Bag claim 4	X			X		LEV1-Gray leveler
215	11-7-12	1404		X	Room 171	X					LEV1-Gray leveler
216	11-7-12	1402		X	Room 171	X					LEV1-Gray leveler
217	11-8-12	1337		X	Bag claim 4	X					LEV2-White leveler
218	11-8-12	1335		X	Bag claim 4	X					LEV2-White leveler
219	11-13-12	1120		X	Elevated area	X					LEV3-Cream leveler

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	12/3/12			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Kathleen Williamson 0840	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

TRC

Edition: October 2009
Supersede Previous Edition

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WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41581

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA Terminal B, IAB

SIGNATURE	INSPECTOR
	Gregory Kaczynski

PARAMETERS

TURNAROUND TIME

PLM:		8hr		24hr		48hr		3day
TEM:		24hr		48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
220	11-13-12	1050		X	Elevated area	X			X		LEV3-Cream leveler
221	11-15-12	1335		X	Entry roof-lower- south	X				X	FL3-Black flashing tar
222	11-15-12	1110		X	Entry roof-upper-north	X				X	RF4-Stone/asphalt built-up layer
223	11-15-12	1310		X	Entry roof-upper center	X		X			RF4-Stone/asphalt tar built-up layer
224	11-15-12	1329		X	Entry roof-lower-south	X		X		X	RF5-Stone/asphalt tar built-up layer
225	11-5-12	1118		X	Entry roof-upper-north	X			X		RSC4-Soft concrete under RF4
226	11-5-12	1134		X	Entry roof -upper-center	X					RSC4-Soft concrete under RF4
227	11-15-12	1338		X	Entry roof-lower-south	X					RSC5-Soft concrete under RF5
228	11-15-12	1315		X	Entry roof-upper-center	X		X		X	PER4-Tar/asphalt built-up layer-perimeter flashing
229	11-15-12	1125		X	Entry roof-upper-north	X		X			PER4-Tar/asphalt built-up layer-perimeter flashing
230	11-15-12	1130		X	Entry roof-upper-north	X		X		X	PEN4-Tar/asphalt built-up layer-penetration flashing

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	K Williamson 12/3/12			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Kathleen Williamson 0840	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: ok
Acceptable: Yes ✓ No
Comments:

TRC

Edition: October 2009
Supersede Previous Edition

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WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41581

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	BIA Terminal B, IAB		PLM: 8hr / 24hr / 48hr / 3day TEM: 24hr / 48hr / 3day / 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
231	11-15-12	1316		X	Entry roof-upper-center	X		X			PEN4-Tar/asphalt built-up layers-penetration flashing
232	11-8-12	1035		X	Rom 8 A	X			X		SC1-Rough white skim coat on concrete drop tile
233	11-8-12	1030		X	Room 8 A	X					SC1-Rough white skim coat on concrete drop tile
234	11-8-12	1036		X	Room 8 A- hall	X					SC1-Rough white skim coat on concrete drop tile
235	11-12-12	1353		X	Area 3	X				X	SU1-Black sink undercoating
236	11-12-12	1352		X	Area 3	X					SU1-Black sink undercoating
237	11-12-12	0920		X	TSA- room 2	X			X		CT6-1'x1' wormhole, pinhole pattern-splined ceiling tile
238	11-12-12	0916		X	TSA- room 2	X					CT6-1'x1' wormhole, pinhole pattern-splined ceiling tile
239	11-16-12	1130		X	Entry 1	X					CT1-2'x4' sheetrock ceiling tile with light texture
240	11-6-12	1134		X	Entry 1	X					CT1-2'x4' sheetrock ceiling tile with light texture

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	12/3/12			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Kathleen Williamson 0840	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: ok
Acceptable: Yes ✓ No
Comments:

TRC

Edition: October 2009
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WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41581

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	BIA Terminal B, IAB		PLM: 8hr 24hr 48hr 3day TEM: 24hr 48hr 3day 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
241	11-16-12	1140		X	Entry 1	X				X	C8-mauve caulk - hard
242	11-16-12	1138		X	Entry 2	X					C8-mauve caulk – hard
243	11-5-12	1415		X	Exterior-1st floor-west	X					ST1- stone grey stucco-like wall covering
244	11-27-12	1443		X	Ground floor –room BC4	X			X		PI1 – white ½ round piece of pipe ins.
245	11-27-12	1445		X	Ground floor –room BC4	X					PI1 – white ½ round piece of pipe ins.
246	11-27-12	1450		X	Ground floor –room BC4	X					PI1 – white ½ round piece of pipe ins.
247	11-28-12	0814		X	Ground floor – Bay1A	X					SPF3 – grey spray-on fireproofing
248	11-28-12	0815		X	Ground floor – Bay1A	X					SPF3 – grey spray-on fireproofing
249	11-28-12	0816		X	Ground floor – Bay1A	X					SPF3 – grey spray-on fireproofing

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/30/12	12/3/12 K Williamson			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Kathleen Williamson 0840	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ___ No ___
Comments:

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 12/11/12

PO#: **C183572**

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, IAB, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
21	41581	Tile & Glue	See COC		
25	41581	Tile & Mastic			
27	41581	Tile & Mastic			
31	41581	Cove base			
33	41581	Cove base			
35	41581	Cove base			
37	41581	Cove base			
39	41581	Cove base			
41	41581	Cove base			
43	41581	Cove base			
45	41581	Flashing			
47	41581	Roofing			
51	41581	Flashing			
53	41581	Flashing			
55	41581	Flashing			
63	41581	Roofing			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 12/11/12

PO#: **C183572**

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, IAB, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
65	41581	Flashing	See COC		
67	41581	Tar			
70	41581	Flashing			
74	41581	Roofing			
82	41581	Tar VB			
84	41581	Duct Coating			
86	41581	Roof Coating			
89	41581	Glue			
91	41581	Glue			
93	41581	Glue			
95	41581	Glue			
97	41581	Glue			
99	41581	Glue			
101	41581	Glue			
103	41581	Glue			
105	41581	Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 12/11/12

PO#: **C183572**
Client: TRC
Client Job#: 183572.4445.0710
Client Job Ref./Loc.: CT DOT- BIA, Terminal B, IAB, Windsor Locks, CT
Relinquished by: K. Williamson- KWilliamson@trcsolutions.com
Received by:
Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com
Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
107	41581	Caulk	See COC		
109	41581	Caulk			
111	41581	Caulk			
113	41581	Caulk			
115	41581	Caulk			
119	41581	Caulk			
122	41581	Glaze			
124	41581	Glaze			
132	41581	Glaze			
134	41581	Glaze			
136	41581	Glaze			
140	41581	Glue			
142	41581	Glue			
144	41581	Glue			
146	41581	Glue			
148	41581	Cove base			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 12/11/12

PO#: **C183572**

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, IAB, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
150	41581	Cove base	See COC		
165	41581	Glue			
169	41581	Mastic			
171	41581	Glue			
173	41581	Glue			
175	41581	Glue			
189	41581	Sealant			
192	41581	Glue			
196	41581	Sealant			
198	41581	Sealant			
222	41581	Roofing			
224	41581	Roofing			
230	41581	Flashing			
241	41581	Caulk			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

IAB ✓

TRC

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Site: Bradley International Airport, Terminal B, IAB, Windsor Locks, CT
Lab Log #: 41622
Project #: 183572.4445.0710
Date Received: 12/07/12
Date Analyzed: 12/10/12

RESULTS

Sample No.	Color	Homogeneous	Multi-Layered	Layer No.	Other Matrix Mat'ls	Asbestos %	Asbestos Type
250	Black/Dark Brown	Yes	No	--	--	ND<1%	None
251	Black/Dark Brown	Yes	No	--	--	ND<1%	None
252	Black	Yes	No	--	--	ND<1%	None
253	Black	Yes	No	--	--	ND<1%	None

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace- asbestos was observed at level of less than 1%

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiher Analysis, NVLAP Code 18/A01, effective through June 30, 2013. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by _____
Kathleen Williamson, Laboratory Manager

Reviewed by _____
Kathleen Williamson, Laboratory Manager
or other approved signatory

Date Issued: 12-11-2012

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41622

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA – Terminal B - IAB

SIGNATURE	INSPECTOR
	Gregory Kaczynski

TURNAROUND TIME

PLM:		8hr		24hr		48hr	X	3day
TEM:		24hr		48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
250	11/13/12	1140		X	Elevated area	X			X		LEV4-dark brown/black leveler
251	11/13/12	1045		X	Elevated area	X			X		LEV4-dark brown/black leveler
252	11/13/12	1323		X	1st floor women's bathroom	X				X	TVB2-black tar at floor/wall
253	11/13/12	1322		X	1st floor women's bathroom	X					TVB2-black tar at floor/wall

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	12/7/12	12/7/12			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) 1600	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ___ No ___
Comments:

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 12/10/12

PO#: **C183572**

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, IAB, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
252	41622	Tar	See COC		

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

IAB ✓

TRC

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Site: BIA, Terminal B, IAB, Windsor Locks, CT
Lab Log #: 41661
Project #: 183572.0445.0710
Date Received: 12/21/12
Date Analyzed: 12/22/12

RESULTS

Sample No.	Color	Homogeneous	Multi-Layered	Layer No.	Other Matrix Mat'ls	Asbestos %	Asbestos Type
254	White	Yes	No	--	--	ND<1%	None
255	White	Yes	No	--	--	ND<1%	None
256	Tan (glue)	No	Yes	1	--	ND<1%	None
256	Grey/Black (tile)	No	Yes	2	--	ND<1%	None
257	Tan (glue)	No	Yes	1	--	ND<1%	None
257	Grey/Black (tile)	No	Yes	2	--	ND<1%	None
258	Yellow (glue)	No	Yes	1	--	ND<1%	None
258	Grey (cove base)	No	Yes	2	--	ND<1%	None
259	Yellow (glue)	No	Yes	1	--	ND<1%	None
259	Grey (cove base)	No	Yes	2	--	ND<1%	None
260	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
261	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
262	White	Yes	No	--	--	ND<1%	None
263	White	Yes	No	--	--	ND<1%	None
264	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
265	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
266	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
267	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
268	Orange	Yes	No	--	--	ND<1%	None

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace- asbestos was observed at level of less than 1%

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2013. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

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Analyzed by _____
Kathleen Williamson, Laboratory Manager

Reviewed by _____
Kathleen Williamson, Laboratory Manager
or other approved signatory

Date Issued: 12/24/12

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41661

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572-0445-00710	BIA – Terminal B - IAB Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr		3day		5day
SIGNATURE	INSPECTOR Gregory Kaczynski									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
254	12/5/12	0932		X	1st floor – Verizon room	X				X	C9-white flexible caulk
255	12/5/12	0931		X	1st floor – Verizon room	X					C9-white flexible caulk
256	12/5/12	0941		X	1st floor – Verizon room	X		X		X	FT6-12"x12" grey w/ black spots/tan glue
257	12/5/12	0940		X	1st floor – Verizon room	X		X			FT6-12"x12" grey w/ black spots/tan glue
258	12/5/12	0935		X	1st floor – Verizon room	X		X		X	CB10-4" grey covebase/CBG6-yellow glue
259	12/5/12	0936		X	1st floor – Verizon room	X		X			CB10-4" grey covebase/CBG6-yellow glue
260	12/14/12	1415		X	Bay 1c	X			X		CT7- 2x4 wormhole/pinhole ceiling tile
261	12/14/12	1416		X	Bay 1c	X			X		CT7- 2x4 wormhole/pinhole ceiling tile
262	12/14/12	1414		X	Bay 1a	X			X		CT8- 2x4 wormhole/pinhole ceiling tile
263	12/14/12	1416		X	Bay 1a	X			X		CT8- 2x4 wormhole/pinhole ceiling tile
264	12/14/12	1358		X	Stair tower one	X			X		CT9- 2x2 wormhole/pinhole ceiling tile

Relinquished by: (Signature)	Date:	Received by: (Signature) 12/21/12	Relinquished by: (Signature)	Date:	Received by: (Signature)
(Printed) Gregory Kaczynski	Time: 1205	(Printed) 1300 Williamson	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ___ No ___
Comments:

TRC

Edition: October 2009
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 416661

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572-0445-00710	BIA – Terminal B - IAB Windsor Locks, CT		PLM: 8hr 24hr 48hr X 3day TEM: 24hr 48hr 3day 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
265	12/14/12	1359		X	Stair tower one	X			X		CT9- 2x2 wormhole/pinhole ceiling tile
266	12/14/12	1453		X	Baggage claim 4	X			X		CT10- 2x2 ridgeline ceiling tile
267	12/14/12	1349		X	Baggage claim 4	X			X		CT10- 2x2 ridgeline ceiling tile
268	12/14/12	1408		X	Ground floor – rm 171A					X	Orange glue associated w/ FT21

Relinquished by: (Signature)	Date:	Received by: (Signature) 12/21/12	Relinquished by: (Signature)	Date:	Received by: (Signature)
	12/21/12				
(Printed) Gregory Kaczynski	Time: 1205	(Printed) 1300	(Printed)	Time:	(Printed)
Remarks:			Condition of Samples: OK Acceptable: Yes ✓ No ____ Comments:		Page 2 of 2

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 12/24/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.0445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B- IAB, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
254	41661	Caulk	See COC		
256	41661	Tile & Glue			
258	41661	CB & Glue			
268	41661	Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

TRC
Results you can rely on

BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Lab Log #: 0042908
Project #: 183572.4445.0710
Date Received: 09/17/2013
Date Analyzed: 09/19/2013

Site: Bradley International Airport, IAB, Windsor Locks, CT

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
1	Black	Yes	No	- -	10%	cellnlose	ND<1%	None
2	Black	Yes	No	- -	10%	cellulose	ND<1%	None
3	Black	Yes	No	- -	10%	cellulose	ND<1%	None
4	Black	Yes	No	- -	10%	cellulose	ND<1%	None

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2014. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

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Analyzed by: K. Williamson
Kathleen Williamson, Laboratory Manager

Reviewed by: Amanda Parkins
Amanda Parkins, Approved Signatory

Date Issued
09/20/2013

TRC

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Edition: October 2009
Supersede Previous Edition

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 42908

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA - FAB Wall Inspection.

SIGNATURE	INSPECTOR
[signature]	Mike Kostrubs Tom Martin

TURNAROUND TIME								
PLM:		8hr		24hr		48hr		3day
TEM:		24hr	X	48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
1	9/10/13	1320		X	Loc#1-Airside-o/s boiler Rm.	X					VB1-Black tar/cloth vapor barrier-Boiler Rm.
2		1322			Loc#2- " "	X				X	VB1- " "
3		1400			Loc#6-Airside-o/s Bay 1	X					VB2-Black tar/cloth vapor barrier
4		1406			Loc#5-Airside-o/s TSA	X				X	VB2- " "

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	9/12/13	[signature] 9/12/13			
(Printed) Mike Kostrubs	Time: 1125	(Printed) Williamson 1700	(Printed)	Time:	(Printed)

Remarks: Send Results to G. Kaczynski.

Condition of Samples: [illegible]
Acceptable: Yes ✓ No ____
Comments:

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 09/20/13

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT – BIA-IAB Wall Inspection

Relinquished by: K. Williamson - KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: M. Kostruba

Turn Around Time: <12 Hour <24 Hour **<48 Hour** <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
2	42908	Tar VB	See COC		
4	42908	Tar VB			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Industrial Hygiene Laboratory
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Windsor, CT 06095
(860) 298-6308

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BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Lab Log #: 0042915
Project #: 183572.4445.0710
Date Received: 09/18/2013
Date Analyzed: 09/20/2013

Site: Bradley International Airport, IAB, Windsor Locks, CT

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
1	White/Grey	Yes	No	- -	80%	cellulose	ND<1%	None
2	White/Grey	Yes	No	- -	80%	cellulose	ND<1%	None
3	Tan	Yes	No	- -		- - -	10%	Chrysotile
4	- -	- -	- -	- -		- -	NA/PS	- -
5	Black	Yes	No	- -	40%	fibrous glass	ND<1%	None
6	Black	Yes	No	- -	40%	fibrous glass	ND<1%	None
7	Black	Yes	No	- -	10% 10%	cellulose synthetic fiber	ND<1%	None
8	Black	Yes	No	- -	10% 10%	cellulose synthetic fiber	ND<1%	None
9	Grey	Yes	No	- -	30%	mineral wool	ND<1%	None
10	Grey	Yes	No	- -	30%	mineral wool	ND<1%	None
11	Grey	Yes	No	- -	30%	mineral wool	ND<1%	None
12	Grey	Yes	No	- -	30%	mineral wool	ND<1%	None
13	Grey	Yes	No	- -	30%	mineral wool	ND<1%	None
14	Grey	Yes	No	- -	30%	mineral wool	ND<1%	None

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POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2014. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

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Analyzed by: K. Williamson — Kathleen Williamson, Laboratory Manager

Reviewed by: Amanda Parkins — Amanda Parkins, Approved Signatory

Date Issued 09/20/2013

TRC

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Edition: October 2009
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 42915

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA - IAB

TURNAROUND TIME								
PLM:		8hr		24hr		48hr		3day
TEM:		24hr	X	48hr		3day		5day

SIGNATURE

INSPECTOR: Mike Kostrubs, Greg Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
1	8/30/13	1455		X	Attic HVAC #2	X					FC1a - white (dirty) Flexconnector - cloth
2		1452									FC1a " "
3		1445									G1a - tan/tue behind Fiberglass pipe pans
4		1445								X	G1a " "
5	9/16/13	1301			Air Side - 1st Flr - Interior Bedroom						RPT1 - Tar, black on Radiator panel (Inner Panel)
6		1323			" "					X	RPT1 - " "
7	8/20/13	~~8/24~~ 1400			Exterior, dismantling / Former Oil Fill Line						TVB1A - Tar Vapor Barrier wrapped around Former Fill Line
8		1402			" "					X	TVB1A - " "
9	7/09/13	0955			Boiler Room						Chillwater ~~System~~ Supply Mudded Fitting
10		0950									Chillwater ~~System~~ Supply End Cap Insulation.
11		1000									Hotwater ~~System~~ Supply Large mudded Fittings.

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	9/18/13	9/18/13			
(Printed) Mike Kostrubs	Time: 1145	(Printed) Williamson 1600	(Printed)	Time:	(Printed)

Remarks: Send Results to Greg Kaczynski

Condition of Samples: Acceptable: Yes ✓ No ____ Comments:

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FAX (860) 298-6380

Edition: October 2009
Supersede Previous Edition

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 42915

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BEA - IAB

SIGNATURE	INSPECTOR
[signature]	Mike Kostrubs, Greg Kaczynski

TURNAROUND TIME								
PLM:		8hr		24hr		48hr		3day
TEM:		24hr	✓	48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
12	7/24/13	0947		X	Bake Room	X					Hot water Return Large Mudded Fitting.
13		0945									Hot Water Supply Medium Mudded Fitting.
14		0950									Small Mudded Fitting

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	9/18/13	[signature] 9/18/13			
(Printed) Mike Kostrubs	Time: 1145	(Printed) Williamson 1600	(Printed)	Time:	(Printed)

Remarks: Send Results to Greg Kaczynski

Condition of Samples: ✓
Acceptable: Yes ✓ No ____
Comments:

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 09/20/13

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT – BIA-IAB

Relinquished by: K. Williamson - KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: M. Kostruba

Turn Around Time: <12 Hour <24 Hour **<48 Hour** <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
6	42915	Tar	See COC		
8	42915	Tar VB			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

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Windsor, CT 06095
(860) 298-6308

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BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Lab Log #: 0043045
Project #: 183572.4445.0710
Date Received: 10/18/2013
Date Analyzed: 10/18/2013

Site: BIA, Terminal A-B Connector, Windsor Locks, CT

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
01	Grey	Yes	No	- -		- - -	ND<1%	None
02	Grey	Yes	No	- -		- - -	ND<1%	None
03	Beige	Yes	No	- -		- - -	ND<1%	None
04	Beige	Yes	No	- -		- - -	ND<1%	None
05	Brown	Yes	No	- -	2%	cellulose	ND<1%	None
06	Brown	Yes	No	- -	2%	cellulose	ND<1%	None

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2014. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

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Analyzed by: K. Williamson
Kathleen Williamson, Laboratory Manager

Reviewed by: Amanda Parkins
Amanda Parkins, Approved Signatory

Date Issued
10/18/2013

TRC

Edition: October 2009
Supersede Previous Edition

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 43045

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	ConnDOT-BIA-Terminal A-B Connector Windsor Locks, CT		PLM:		8hr	X	24hr		48hr		3day
			TEM:	X	24hr		48hr		3day		5day

SIGNATURE

INSPECTOR: Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
01	10/17/13	1320		X	Exterior - doorway	X				X	Grey flexible & tacky caulk on exterior doors and windows
02	10/17/13	1322		X	Exterior - doorway	X					Grey flexible & tacky caulk on exterior doors and windows
03	10/17/13	1330		X	Exterior	X				X	Beige glue between outer metal walls and inner Styrofoam insulation
04	10/17/13	1331		X	Exterior	X					Beige glue between outer metal walls and inner Styrofoam insulation
05	10/17/13	1340		X	Hallway	X			X		Brown sheetrock (no JC)
06	10/17/13	1343		X	Hallway	X			X		Brown sheetrock (no JC)

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/17/13	10/18/13			
(Printed) Gregory Kaczynski	Time: 1645	(Printed) 0700	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: ___
Acceptable: Yes ___ No ___
Comments:

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 10/18/13

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0720

Client Job Ref./Loc.: CT DOT – BIA- Terminal A-B Connector, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour **<24 Hour** <48 Hour <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
01	43045	Caulk	See COC		
03	43045	Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

MT

TRC

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Site: Bradley International Airport, Terminal B, Murphy Terminal, Windsor Locks, CT
Lab Log #: 41493
Project #: 183572.4445.0710
Date Received: 10/23/12
Date Analyzed: 10/24/12, 10/25/12 & 10/26/12

RESULTS

Sample No.	Color	Homogeneous	Multi-Layered	Layer No.	Other Matrix Mat'ls	Asbestos %	Asbestos Type
01	Brown	Yes	No	--	--	ND<1%	None
02	Brown	Yes	No	--	--	ND<1%	None
03	Beige	Yes	No	--	--	ND<1%	None
04	Beige	Yes	No	--	--	ND<1%	None
05	Yellow	Yes	No	--	--	ND<1%	None
06	Yellow	Yes	No	--	--	ND<1%	None
07	Beige	Yes	No	--	--	ND<1%	None
08	Beige	Yes	No	--	--	ND<1%	None
09	Beige	Yes	No	--	--	ND<1%	None
10	Beige	Yes	No	--	--	ND<1%	None
11	Light Brown	Yes	No	--	--	ND<1%	None
12	Light Brown	Yes	No	--	--	ND<1%	None
13	Black	Yes	No	--	--	ND<1%	None
14	Black	Yes	No	--	--	ND<1%	None
15	Black	Yes	No	--	--	60%	Chrysotile
16	--	--	--	--	--	NA/PS	--
17	Cream	Yes	No	--	--	ND<1%	None
18	Cream	Yes	No	--	--	ND<1%	None
19	White	Yes	No	--	--	ND<1%	None
20	White	Yes	No	--	--	ND<1%	None

21	Green	Yes	No	--	--	ND<1%	None
22	Green	Yes	No	--	--	ND<1%	None
23	Black	Yes	No	--	--	10%	Chrysotile
24	--	--	--	--	--	NA/PS	--
25	Cream	Yes	No	--	--	ND<1%	None
26	Cream	Yes	No	--	--	ND<1%	None
27	Light Brown	Yes	No	--	--	ND<1%	None
28	Light Brown	Yes	No	--	--	ND<1%	None
29	Yellow	Yes	No	--	--	ND<1%	None
30	Yellow	Yes	No	--	--	ND<1%	None
31	Dark Tan	Yes	No	--	10% cellulose	ND<1%	None
32	Dark Tan	Yes	No	--	10% cellulose	ND<1%	None
33	Beige	Yes	No	--	--	ND<1%	None
34	Beige	Yes	No	--	--	ND<1%	None
35	Tan	Yes	No	--	--	ND<1%	None
36	Tan	Yes	No	--	--	ND<1%	None
37	Tan	Yes	No	--	10% cellulose	ND<1%	None
38	Tan	Yes	No	--	10% cellulose	ND<1%	None
39	Yellow	Yes	No	--	10% cellulose	ND<1%	None
40	Yellow	Yes	No	--	10% cellulose	ND<1%	None
41	Light Brown	Yes	No	--	--	ND<1%	None
42	Light Brown	Yes	No	--	--	ND<1%	None
43	White	Yes	No	--	--	ND<1%	None
44	White	Yes	No	--	--	ND<1%	None
45	Brown	Yes	No	--	--	ND<1%	None
46	Brown	Yes	No	--	--	ND<1%	None
47	Black	Yes	No	--	--	5%	Chrysotile
48	--	--	--	--	--	NA/PS	--
49	Tan	Yes	No	--	--	ND<1%	None
50	Tan	Yes	No	--	--	ND<1%	None
51	Cream	Yes	No	--	10% cellulose	ND<1%	None
52	Cream	Yes	No	--	10% cellulose	ND<1%	None
53	Brown	Yes	No	--	--	ND<1%	None
54	Brown	Yes	No	--	--	ND<1%	None
55	Black	Yes	No	--	--	ND<1%	None
56	Black	Yes	No	--	--	ND<1%	None
57	Tan	Yes	No	--	--	ND<1%	None

58	Tan	Yes	No	--	--	ND<1%	None
59	Light Brown	Yes	No	--	--	ND<1%	None
60	Light Brown	Yes	No	--	--	ND<1%	None
61	Tan	Yes	No	--	--	ND<1%	None
62	Tan	Yes	No	--	--	ND<1%	None
63	Brown	Yes	No	--	--	ND<1%	None
64	Brown	Yes	No	--	--	ND<1%	None
65	Tan	Yes	No	--	--	ND<1%	None
66	Tan	Yes	No	--	--	ND<1%	None
67	Dark Brown	Yes	No	--	--	10%	Chrysotile
68	--	--	--	--	--	NA/PS	--
69	Light Brown	Yes	No	--	--	ND<1%	None
70	Light Brown	Yes	No	--	--	ND<1%	None
71	Black	Yes	No	--	--	ND<1%	None
72	Black	Yes	No	--	--	ND<1%	None
73	Tan	Yes	No	--	5% cellulose	10%	Anthophyllite
74	--	--	--	--	--	NA/PS	--
75	Brown	Yes	No	--	--	ND<1%	None
76	Brown	Yes	No	--	--	ND<1%	None
77	Dark Brown	Yes	No	--	10% cellulose	ND<1%	None
78	Dark Brown	Yes	No	--	10% cellulose	ND<1%	None
79	Dark Brown	Yes	No	--	--	ND<1%	None
80	Dark Brown	Yes	No	--	--	ND<1%	None
81	Black	Yes	No	--	--	5%	Chrysotile
82	--	--	--	--	--	NA/PS	--
83	Tan	Yes	No	--	--	ND<1%	None
84	Tan	Yes	No	--	--	ND<1%	None
85	Dark Brown	Yes	No	--	--	ND<1%	None
86	Dark Brown	Yes	No	--	--	ND<1%	None
87	Tan	Yes	No	--	--	ND<1%	None
88	Tan	Yes	No	--	--	ND<1%	None
89	Black	Yes	No	--	--	40%	Chrysotile
90	--	--	--	--	--	NA/PS	--
91	Tan	Yes	No	--	--	ND<1%	None
92	Tan	Yes	No	--	--	ND<1%	None
93	Black	Yes	No	--	--	10%	Chrysotile
94	--	--	--	--	--	NA/PS	--

95	Yellow	Yes	No	--	2% cellulose	ND<1%	None
96	Yellow	Yes	No	--	2% cellulose	ND<1%	None
97	Yellow	Yes	No	--	--	ND<1%	None
98	Yellow	Yes	No	--	--	ND<1%	None
99	Black	Yes	No	--	10% cellulose	5%	Chrysotile
100	--	--	--	--	--	NA/PS	--
101	Orange	Yes	No	--	--	ND<1%	None
102	Orange	Yes	No	--	--	ND<1%	None
103	Light Brown	Yes	No	--	--	10%	Anthophyllite
104	--	--	--	--	--	NA/PS	--
105	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
106	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
107	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
108	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
109	White/Grey	Yes	No	--	30% cellulose 60% mineral wool	ND<1%	None
110	White/Grey	Yes	No	--	30% cellulose 60% mineral wool	ND<1%	None
111	White/Grey	Yes	No	--	30% cellulose 60% mineral wool	ND<1%	None
112	White/Grey	Yes	No	--	30% cellulose 60% mineral wool	ND<1%	None
113	White/Grey	Yes	No	--	30% cellulose 60% mineral wool	ND<1%	None
114	White/Grey	Yes	No	--	20% cellulose 60% mineral wool	ND<1%	None
115	White/Grey	Yes	No	--	20% cellulose 60% mineral wool	ND<1%	None
116	White/Grey	Yes	No	--	20% cellulose 60% mineral wool	ND<1%	None
117	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
118	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
119	White/Grey	Yes	No	--	20% cellulose 60% mineral wool	ND<1%	None
120	White/Grey	Yes	No	--	20% cellulose 60% mineral wool	ND<1%	None
121	White/Light Grey	Yes	No	--	80% mineral wool	ND<1%	None
122	White/Light Grey	Yes	No	--	80% mineral wool	ND<1%	None
123	White	Yes	No	--	80% mineral wool	ND<1%	None
124	White	Yes	No	--	80% mineral wool	ND<1%	None
125	White/Grey	Yes	No	--	20% cellulose 60% mineral wool	ND<1%	None
126	White/Grey	Yes	No	--	20% cellulose 60% mineral wool	ND<1%	None
127	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None

128	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
129	White	Yes	No	--	1% cellulose	ND<1%	None
130	White	Yes	No	--	1% cellulose	ND<1%	None
131	Grey	Yes	No	--	80% mineral wool	ND<1%	None
132	Grey	Yes	No	--	80% mineral wool	ND<1%	None
133	White/Grey	Yes	No	--	30% cellulose 40% mineral wool	ND<1%	None
134	White/Grey	Yes	No	--	30% cellulose 40% mineral wool	ND<1%	None
135	White/Grey	Yes	No	--	30% cellulose 40% mineral wool	ND<1%	None
136	White/Grey	Yes	No	--	30% cellulose 40% mineral wool	ND<1%	None
137	White/Grey	Yes	No	--	10% cellulose 80% mineral wool	ND<1%	None
138	White/Grey	Yes	No	--	10% cellulose 80% mineral wool	ND<1%	None
139	White	Yes	No	--	2% cellulose	ND<1%	None
140	White	Yes	No	--	2% cellulose	ND<1%	None
141	Pink/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
142	Pink/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
143	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
144	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
145	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
146	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
147	Silver/Light Grey	Yes	No	--	80% mineral wool	ND<1%	None
148	Silver/Light Grey	Yes	No	--	80% mineral wool	ND<1%	None
149	White/Grey	Yes	No	--	30% cellulose 60% mineral wool	ND<1%	None
150	White/Grey	Yes	No	--	30% cellulose 60% mineral wool	ND<1%	None
151	White/Light Grey	Yes	No	--	90% mineral wool	ND<1%	None
152	White/Light Grey	Yes	No	--	90% mineral wool	ND<1%	None
153	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
154	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
155	White/Grey	Yes	No	--	10% cellulose 80% mineral wool	ND<1%	None
156	White/Grey	Yes	No	--	10% cellulose 80% mineral wool	ND<1%	None
157	White/Grey	Yes	No	--	20% cellulose 60% mineral wool	ND<1%	None
158	White/Grey	Yes	No	--	20% cellulose 60% mineral wool	ND<1%	None
159	White/Grey	Yes	No	--	20% cellulose 60% mineral wool	ND<1%	None
160	White/Grey	Yes	No	--	20% cellulose 60% mineral wool	ND<1%	None

161	White/Grey	Yes	No	--	10% cellulose 80% mineral wool	ND<1%	None
162	White/Grey	Yes	No	--	10% cellulose 80% mineral wool	ND<1%	None
163	White/Grey	Yes	No	--	30% cellulose 60% mineral wool	ND<1%	None
164	White/Grey	Yes	No	--	30% cellulose 60% mineral wool	ND<1%	None
165	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
166	White/Grey	Yes	No	--	40% cellulose 40% mineral wool	ND<1%	None
167	Grey	Yes	No	--	--	ND<1%	None
168	Grey	Yes	No	--	--	ND<1%	None
169	Light Grey	Yes	No	--	--	ND<1%	None
170	Light Grey	Yes	No	--	--	ND<1%	None
171	Dark Grey	Yes	No	--	--	ND<1%	None
172	Dark Grey	Yes	No	--	--	ND<1%	None
173	Dark Grey	Yes	No	--	--	ND<1%	None
174	Dark Grey	Yes	No	--	--	ND<1%	None
175	Light Grey	Yes	No	--	--	ND<1%	None
176	Light Grey	Yes	No	--	--	ND<1%	None
177	Grey	Yes	No	--	--	ND<1%	None
178	Grey	Yes	No	--	--	ND<1%	None
179	White	Yes	No	--	--	ND<1%	None
180	White	Yes	No	--	--	ND<1%	None
181	Grey	Yes	No	--	--	ND<1%	None
182	Grey	Yes	No	--	--	ND<1%	None
183	Light Grey	Yes	No	--	--	ND<1%	None
184	Light Grey	Yes	No	--	--	ND<1%	None
185	Dark Brown	Yes	No	--	--	ND<1%	None
186	Dark Brown	Yes	No	--	--	ND<1%	None
187	Light Grey	Yes	No	--	--	ND<1%	None
188	Light Grey	Yes	No	--	--	ND<1%	None
189	Pink	Yes	No	--	--	ND<1%	None
190	Pink	Yes	No	--	--	ND<1%	None
191	Cream	Yes	No	--	--	ND<1%	None
192	Cream	Yes	No	--	--	ND<1%	None
193	Grey	Yes	No	--	--	ND<1%	None
194	Grey	Yes	No	--	--	ND<1%	None
195	Grey	Yes	No	--	--	ND<1%	None
196	Grey	Yes	No	--	--	ND<1%	None

197	Grey	Yes	No	--	--	ND<1%	None
198	Grey	Yes	No	--	--	ND<1%	None
199	White	Yes	No	--	--	ND<1%	None
200	White	Yes	No	--	--	ND<1%	None
201	Grey	Yes	No	--	--	ND<1%	None
202	Grey	Yes	No	--	--	ND<1%	None
203	White	Yes	No	--	--	ND<1%	None
204	White	Yes	No	--	--	ND<1%	None
205	Dark Brown	Yes	No	--	--	ND<1%	None
206	Dark Brown	Yes	No	--	--	ND<1%	None
207	Grey-Red	Yes	No	--	--	ND<1%	None
208	Grey-Red	Yes	No	--	--	ND<1%	None
209	Grey	Yes	No	--	--	ND<1%	None
210	Grey	Yes	No	--	--	ND<1%	None
211	Dark Maroon	Yes	No	--	--	ND<1%	None
212	Dark Maroon	Yes	No	--	--	ND<1%	None
213	White	Yes	No	--	--	ND<1%	None
214	White	Yes	No	--	--	ND<1%	None
215	Grey	Yes	No	--	--	ND<1%	None
216	Grey	Yes	No	--	--	ND<1%	None
217	Black (mastic)	No	Yes	1	--	3%	Chrysotile
217	Tan (tile)	No	Yes	2	--	ND<1%	None
218	--	--	--	--	--	NA/PS	--
218	Tan (tile)	No	Yes	2	--	ND<1%	None
219	Black (mastic)	No	Yes	1	--	10%	Chrysotile
219	Tan (tile)	No	Yes	2	--	3%	Chrysotile
220	--	--	--	--	--	NA/PS	--
220	--	--	--	--	--	NA/PS	--
221	Black (mastic)	No	Yes	1	--	3%	Chrysotile
221	Grey (tile)	No	Yes	2	--	3%	Chrysotile
222	--	--	--	--	--	NA/PS	--
222	--	--	--	--	--	NA/PS	--
223	Black (mastic)	No	Yes	1	--	3%	Chrysotile
223	Grey (tile)	No	Yes	2	--	ND<1%	None
224	--	--	--	--	--	NA/PS	--
224	Grey (tile)	No	Yes	2	--	ND<1%	None
225	Black (mastic)	No	Yes	1	--	ND<1%	None

225	Grey (tile)	No	Yes	2	--	ND<1%	None
226	Black (mastic)	No	Yes	1	--	ND<1%	None
226	Grey (tile)	No	Yes	2	--	ND<1%	None
227	Tan (glue)	No	Yes	1	--	ND<1%	None
227	Light Brown (tile)	No	Yes	2	--	ND<1%	None
228	Tan (glue)	No	Yes	1	--	ND<1%	None
228	Light Brown (tile)	No	Yes	2	--	ND<1%	None
229	Black (mastic)	No	Yes	1	--	10%	Chrysotile
229	White (tile)	No	Yes	2	--	3%	Chrysotile
230	--	--	--	--	--	NA/PS	--
230	--	--	--	--	--	NA/PS	--
231	Yellow (glue)	No	Yes	1	--	ND<1%	None
231	Grey (tile)	No	Yes	2	--	ND<1%	None
232	Yellow (glue)	No	Yes	1	--	ND<1%	None
232	Grey (tile)	No	Yes	2	--	ND<1%	None
233	White	Yes	No	--	--	ND<1%	None
234	White	Yes	No	--	--	ND<1%	None
235	Black (mastic)	No	Yes	1	--	ND<1%	None
235	White (tile)	No	Yes	2	--	ND<1%	None
236	Black (mastic)	No	Yes	1	--	ND<1%	None
236	White (tile)	No	Yes	2	--	ND<1%	None
237	Black (mastic)	No	Yes	1	--	ND<1%	None
237	Grey (tile)	No	Yes	2	--	ND<1%	None
238	Black (mastic)	No	Yes	1	--	ND<1%	None
238	Grey (tile)	No	Yes	2	--	ND<1%	None
239	Tan/Black (mastic)	No	Yes	1	--	3%	Chrysotile
239	Grey (tile)	No	Yes	2	--	ND<1%	None
240	--	--	--	--	--	NA/PS	--
240	Grey (tile)	No	Yes	2	--	ND<1%	None
241	Black (mastic)	No	Yes	1	--	10%	Chrysotile
241	Beige (tile)	No	Yes	2	--	3%	Chrysotile
242	--	--	--	--	--	NA/PS	--
242	--	--	--	--	--	NA/PS	--
243	Black (mastic)	No	Yes	1	--	5%	Chrysotile
243	Blue (tile)	No	Yes	2	--	ND<1%	None
244	--	--	--	--	--	NA/PS	--
244	Blue (tile)	No	Yes	2	--	ND<1%	None

245	Black (mastic)	No	Yes	1	--	10%	Chrysotile
245	Cream/Brown (tile)	No	Yes	2	--	5%	Chrysotile
246	--	--	--	--	--	NA/PS	--
246	--	--	--	--	--	NA/PS	--
247	Black (mastic)	No	Yes	1	--	3%	Chrysotile
247	Beige (tile)	No	Yes	2	--	5%	Chrysotile
248	--	--	--	--	--	NA/PS	--
248	--	--	--	--	--	NA/PS	--
249	Orange (glue)	No	Yes	1	--	ND<1%	None
249	Cream (tile)	No	Yes	2	--	ND<1%	None
250	Orange (glue)	No	Yes	1	--	ND<1%	None
250	Cream (tile)	No	Yes	2	--	ND<1%	None
251	Black (mastic)	No	Yes	1	--	10%	Chrysotile
251	Tan (tile)	No	Yes	2	--	10%	Chrysotile
252	--	--	--	--	--	NA/PS	--
252	--	--	--	--	--	NA/PS	--
253	Black (mastic)	No	Yes	1	--	ND<1%	None
253	Maroon (tile)	No	Yes	2	--	ND<1%	None
254	Black (mastic)	No	Yes	1	--	ND<1%	None
254	Maroon (tile)	No	Yes	2	--	ND<1%	None
255	Black (mastic)	No	Yes	1	--	5%	Chrysotile
255	Grey/Black/White (tile)	No	Yes	2	--	5%	Chrysotile
256	--	--	--	--	--	NA/PS	--
256	--	--	--	--	--	NA/PS	--
257	Black (mastic)	No	Yes	1	20% cellulose	ND<1%	None
257	Tan/Brown/White (tile)	No	Yes	2	--	ND<1%	None
258	Black (mastic)	No	Yes	1	20% cellulose	ND<1%	None
258	Tan/Brown/White (tile)	No	Yes	2	--	ND<1%	None
259	Yellow (glue)	No	Yes	1	--	ND<1%	None
259	Black/White (tile)	No	Yes	2	--	ND<1%	None
260	Yellow (glue)	No	Yes	1	--	ND<1%	None
260	Black/White (tile)	No	Yes	2	--	ND<1%	None
261	Black (mastic)	No	Yes	1	--	ND<1%	None
261	Brown (tile)	No	Yes	2	--	5%	Chrysotile
262	Black (mastic)	No	Yes	1	--	ND<1%	None
262	--	--	--	--	--	NA/PS	--
263	Black (mastic)	No	Yes	1	--	3%	Chrysotile

263	Light Blue/Grey/White (tile)	No	Yes	2	--	ND<1%	None
264	--	--	--	--	--	NA/PS	--
264	Light Blue/Grey/White (tile)	No	Yes	2	--	ND<1%	None
265	Cream	Yes	No	--	--	ND<1%	None
266	Cream	Yes	No	--	--	ND<1%	None
267	Black (mastic)	No	Yes	1	--	ND<1%	None
267	Cream/Grey (tile)	No	Yes	2	--	ND<1%	None
268	Black (mastic)	No	Yes	1	--	ND<1%	None
268	Cream/Grey (tile)	No	Yes	2	--	ND<1%	None
269	Black (mastic)	No	Yes	1	--	10%	Chrysotile
269	Tan/Maroon/Brown/White (tile)	No	Yes	2	--	5%	Chrysotile
270	--	--	--	--	--	NA/PS	--
270	--	--	--	--	--	NA/PS	--
271	Black (mastic)	No	Yes	1	--	10%	Chrysotile
271	Light Brown/Maroon (tile)	No	Yes	2	--	ND<1%	None
272	--	--	--	--	--	NA/PS	--
272	Light Brown/Maroon (tile)	No	Yes	2	--	ND<1%	None
273	Black (mastic)	No	Yes	1	--	10%	Chrysotile
273	Light Green/Black/White (tile)	No	Yes	2	--	5%	Chrysotile
274	--	--	--	--	--	NA/PS	--
274	--	--	--	--	--	NA/PS	--
275	Black (mastic)	No	Yes	1	--	3%	Chrysotile
275	Tan/Maroon/White (tile)	No	Yes	2	--	5%	Chrysotile
276	--	--	--	--	--	NA/PS	--
276	--	--	--	--	--	NA/PS	--
277	Black (mastic)	No	Yes	1	--	ND<1%	None
277	Tan/Maroon/White/Orange (tile)	No	Yes	2	--	ND<1%	None
278	Black (mastic)	No	Yes	1	--	ND<1%	None
278	Tan/Maroon/White/Orange (tile)	No	Yes	2	--	ND<1%	None
279	Grey	Yes	No	--	--	60%	Amosite
280	Grey	Yes	No	--	--	60%	Amosite
281	Grey	Yes	No	--	--	60%	Amosite
282	Grey	Yes	No	--	80% mineral wool	ND<1%	None
283	Grey	Yes	No	--	80% mineral wool	ND<1%	None
284	Grey	Yes	No	--	80% mineral wool	ND<1%	None
285	Grey	Yes	No	--	30% cellulose	ND<1%	None
286	Grey	Yes	No	--	30% cellulose	ND<1%	None

287	Grey	Yes	No	--	30% cellulose	ND<1%	None
288	Grey	Yes	No	--	30% cellulose	ND<1%	None
289	Grey	Yes	No	--	30% cellulose	ND<1%	None
290	Grey	Yes	No	--	30% mineral wool	ND<1%	None
291	Grey	Yes	No	--	30% mineral wool	ND<1%	None
292	Grey	Yes	No	--	30% mineral wool	ND<1%	None
293	Grey	Yes	No	--	30% mineral wool	ND<1%	None
294	Grey	Yes	No	--	30% mineral wool	ND<1%	None
295	Grey	Yes	No	--	30% mineral wool	ND<1%	None
296	White	Yes	No	--	30% cellulose	ND<1%	None
297	White	Yes	No	--	30% cellulose	ND<1%	None
298	White	Yes	No	--	30% cellulose	ND<1%	None
299	Cream	Yes	No	--	30% cellulose	ND<1%	None
300	Cream	Yes	No	--	30% cellulose	ND<1%	None
301	Cream	Yes	No	--	30% cellulose	ND<1%	None
302	Grey	Yes	No	--	60% mineral wool	ND<1%	None
303	Grey	Yes	No	--	60% mineral wool	ND<1%	None
304	Grey	Yes	No	--	60% mineral wool	ND<1%	None
305	Grey	Yes	No	--	80% mineral wool	ND<1%	None
306	Grey	Yes	No	--	90% mineral wool	ND<1%	None
307	Grey	Yes	No	--	30% mineral wool	ND<1%	None
308	Grey	Yes	No	--	60% mineral wool	ND<1%	None
309	Grey	Yes	No	--	40% mineral wool	40%	Amosite
310	Grey	Yes	No	--	60% mineral wool	ND<1%	None
311	Grey	Yes	No	--	60% mineral wool	ND<1%	None
312	Grey	Yes	No	--	80% mineral wool	ND<1%	None
313	Blue	Yes	No	--	--	ND<1%	None
314	Blue	Yes	No	--	--	ND<1%	None
315	Black	Yes	No	--	--	ND<1%	None
316	Black	Yes	No	--	--	ND<1%	None
317	Grey	Yes	No	--	--	ND<1%	None
318	Grey	Yes	No	--	--	ND<1%	None
319	Dark Brown	Yes	No	--	--	ND<1%	None
320	Dark Brown	Yes	No	--	--	ND<1%	None
321	Black	Yes	No	--	--	ND<1%	None
322	Black	Yes	No	--	--	ND<1%	None
323	Brown	Yes	No	--	--	ND<1%	None

324	Brown	Yes	No	--	--	ND<1%	None
325	Blue	Yes	No	--	--	ND<1%	None
326	Blue	Yes	No	--	--	ND<1%	None
327	Grey	Yes	No	--	--	ND<1%	None
328	Grey	Yes	No	--	--	ND<1%	None
329	White	Yes	No	--	--	ND<1%	None
330	White	Yes	No	--	--	ND<1%	None
331	Cream	Yes	No	--	--	ND<1%	None
332	Cream	Yes	No	--	--	ND<1%	None
333	Tan	Yes	No	--	--	ND<1%	None
334	Tan	Yes	No	--	--	ND<1%	None
335	Cream	Yes	No	--	--	ND<1%	None
336	Cream	Yes	No	--	--	ND<1%	None
337	Light Brown	Yes	No	--	--	ND<1%	None
338	Light Brown	Yes	No	--	--	ND<1%	None
339	Tan	Yes	No	--	--	ND<1%	None
340	Tan	Yes	No	--	--	ND<1%	None
341	Tan	Yes	No	--	--	ND<1%	None
342	Dark Brown	Yes	No	--	--	ND<1%	None
343	Dark Brown	Yes	No	--	--	ND<1%	None
344	Black	Yes	No	--	--	ND<1%	None
345	Black	Yes	No	--	--	ND<1%	None
346	Brown-Green	Yes	No	--	--	5%	Chrysotile
347	--	--	--	--	--	NA/PS	--
348	Light Brown	Yes	No	--	--	5%	Chrysotile
349	--	--	--	--	--	NA/PS	--
350	Tan	Yes	No	--	--	20%	Anthophyllite
351	--	--	--	--	--	NA/PS	--
352	Grey	Yes	No	--	--	ND<1%	None
353	Grey	Yes	No	--	--	ND<1%	None
354	White	Yes	No	--	--	ND<1%	None
355	White	Yes	No	--	--	ND<1%	None
356	Grey	Yes	No	--	--	ND<1%	None
357	Grey	Yes	No	--	--	ND<1%	None
358	Dark Brown	Yes	No	--	--	ND<1%	None
359	Dark Brown	Yes	No	--	--	ND<1%	None
360	Light Brown	Yes	No	--	--	ND<1%	None

361	Light Brown	Yes	No	--	--	ND<1%	None
362	Grey	Yes	No	--	--	5%	Chrysotile
363	--	--	--	--	--	NA/PS	--
364	Grey	Yes	No	--	--	ND<1%	None
365	Grey	Yes	No	--	--	ND<1%	None
366	Grey/Brown	Yes	No	--	--	20%	Anthophyllite
367	--	--	--	--	--	NA/PS	--
368	Brown	Yes	No	--	--	ND<1%	None
369	Brown	Yes	No	--	--	ND<1%	None
370	Tan	Yes	No	--	--	10%	Chrysotile
371	--	--	--	--	--	NA/PS	--
372	White	Yes	No	--	--	10%	Anthophyllite
373	--	--	--	--	--	NA/PS	--
374	Dark Brown	Yes	No	--	--	3%	Chrysotile
375	--	--	--	--	--	NA/PS	--
376	Tan	Yes	No	--	--	3%	Chrysotile
377	--	--	--	--	--	NA/PS	--
378	White (skim coat)	No	Yes	1	--	ND<1%	None
378	Grey (base coat)	No	Yes	2	--	ND<1%	None
379	White (skim coat)	No	Yes	1	--	ND<1%	None
379	Grey (base coat)	No	Yes	2	--	ND<1%	None
380	White (skim coat)	No	Yes	1	--	ND<1%	None
380	Grey (base coat)	No	Yes	2	--	ND<1%	None
381	White (skim coat)	No	Yes	1	--	ND<1%	None
381	Grey (base coat)	No	Yes	2	--	ND<1%	None
382	White (skim coat)	No	Yes	1	--	ND<1%	None
382	Grey (base coat)	No	Yes	2	--	ND<1%	None
383	White (skim coat)	No	Yes	1	--	ND<1%	None
383	Grey (base coat)	No	Yes	2	--	ND<1%	None
384	White (skim coat)	No	Yes	1	--	ND<1%	None
384	Grey (base coat)	No	Yes	2	--	ND<1%	None
385	White (skim coat)	No	Yes	1	--	ND<1%	None
385	Grey (base coat)	No	Yes	2	--	ND<1%	None
386	White (skim coat)	No	Yes	1	--	ND<1%	None
386	Grey (base coat)	No	Yes	2	--	ND<1%	None
387	White (skim coat)	No	Yes	1	--	ND<1%	None
387	Grey (base coat)	No	Yes	2	--	ND<1%	None

388	White (skim coat)	No	Yes	1	--	ND<1%	None
388	Grey (base coat)	No	Yes	2	--	ND<1%	None
389	White (skim coat)	No	Yes	1	--	ND<1%	None
389	Grey (base coat)	No	Yes	2	--	ND<1%	None
390	White (skim coat)	No	Yes	1	--	ND<1%	None
390	Grey (base coat)	No	Yes	2	--	ND<1%	None
391	Grey	Yes	No	--	--	ND<1%	None
392	Grey	Yes	No	--	--	ND<1%	None
393	Grey	Yes	No	--	--	ND<1%	None
394	Grey	Yes	No	--	--	ND<1%	None
395	White (skim coat)	No	Yes	1	--	ND<1%	None
395	Grey (base coat)	No	Yes	2	--	ND<1%	None
396	White (skim coat)	No	Yes	1	--	ND<1%	None
396	Grey (base coat)	No	Yes	2	--	ND<1%	None
397	White (skim coat)	No	Yes	1	--	ND<1%	None
397	Grey (base coat)	No	Yes	2	--	ND<1%	None
398	White (joint compound)	No	Yes	1	--	ND<1%	None
398	Light Grey (sheetrock)	No	Yes	2	--	ND<1%	None
399	White (joint compound)	No	Yes	1	--	ND<1%	None
399	Light Grey (sheetrock)	No	Yes	2	--	ND<1%	None
400	White (joint compound)	No	Yes	1	--	ND<1%	None
400	Light Grey (sheetrock)	No	Yes	2	--	ND<1%	None
401	White (joint compound)	No	Yes	1	--	ND<1%	None
401	Light Grey (sheetrock)	No	Yes	2	2% cellulose	ND<1%	None
402	White (joint compound)	No	Yes	1	--	ND<1%	None
402	Light Grey (sheetrock)	No	Yes	2	2% cellulose	ND<1%	None
403	White (joint compound)	No	Yes	1	--	ND<1%	None
403	Light Grey (sheetrock)	No	Yes	2	2% cellulose	ND<1%	None
404	White (joint compound)	No	Yes	1	--	ND<1%	None
404	Brown (sheetrock)	No	Yes	2	--	ND<1%	None
405	White (joint compound)	No	Yes	1	--	ND<1%	None
405	Brown (sheetrock)	No	Yes	2	--	ND<1%	None
406	Black/Grey	Yes	No	--	--	ND<1%	None
407	Black/Grey	Yes	No	--	--	ND<1%	None
408	Grey	Yes	No	--	--	ND<1%	None
409	Grey	Yes	No	--	--	ND<1%	None
410	Tan	Yes	No	--	--	ND<1%	None

411	Tan	Yes	No	--	--	ND<1%	None
412	Grey	Yes	No	--	--	ND<1%	None
413	Grey	Yes	No	--	--	ND<1%	None
414	White	Yes	No	--	--	ND<1%	None
415	White	Yes	No	--	--	ND<1%	None
416	Black	Yes	No	--	--	10%	Chrysotile
417	--	--	--	--	--	NA/PS	--
418	Grey	Yes	No	--	--	10%	Chrysotile
419	--	--	--	--	--	NA/PS	--
420	White	Yes	No	--	--	ND<1%	None
421	White	Yes	No	--	--	ND<1%	None
422	Grey	Yes	No	--	--	ND<1%	None
423	Grey	Yes	No	--	--	ND<1%	None
424	Grey	Yes	No	--	--	ND<1%	None
425	Grey	Yes	No	--	--	ND<1%	None
426	Black	Yes	No	--	20% cellulose	ND<1%	None
427	Black	Yes	No	--	20% cellulose	ND<1%	None
428	Black	Yes	No	--	--	ND<1%	None
429	Black	Yes	No	--	--	ND<1%	None
430	Grey	Yes	No	--	--	10%	Chrysotile
431	--	--	--	--	--	NA/PS	--
432	White	Yes	No	--	--	Trace	Chrysotile
433	White	Yes	No	--	--	Trace	Chrysotile
434	Black	Yes	No	--	10% cellulose	ND<1%	None
435	Black	Yes	No	--	10% cellulose	ND<1%	None
436	Black	Yes	No	--	--	60%	Chrysotile
437	--	--	--	--	--	NA/PS	--
438	Black	Yes	No	--	--	30%	Chrysotile
439	--	--	--	--	--	NA/PS	--
440	Black	Yes	No	--	--	ND<1%	None
441	Black	Yes	No	--	--	ND<1%	None
442	Black	Yes	No	--	--	10%	Chrysotile
443	--	--	--	--	--	NA/PS	--
444	Black	Yes	No	--	--	60%	Chrysotile
445	--	--	--	--	--	NA/PS	--
446	Black	Yes	No	--	--	60%	Chrysotile
447	--	--	--	--	--	NA/PS	--

448	Black	Yes	No	--	--	30%	Chrysotile
449	--	--	--	--	--	NA/PS	--
450	Black	Yes	No	--	10% cellulose	60%	Chrysotile
451	--	--	--	--	--	NA/PS	--
452	Black	Yes	No	--	10% cellulose	60%	Chrysotile
453	--	--	--	--	--	NA/PS	--
454	Tan	Yes	No	--	10% fiberglass	ND<1%	None
455	Tan	Yes	No	--	10% fiberglass	ND<1%	None
456	Cream/Tan	Yes	No	--	--	5%	Chrysotile
457	--	--	--	--	--	NA/PS	--
458	Brown	Yes	No	--	--	ND<1%	None
459	Brown	Yes	No	--	--	ND<1%	None
460	Grey	Yes	No	--	--	20%	Chrysotile
461	--	--	--	--	--	NA/PS	--
462	Yellow	Yes	No	--	10% fiberglass	ND<1%	None
463	Yellow	Yes	No	--	10% fiberglass	ND<1%	None
464	Red	Yes	No	--	--	ND<1%	None
465	Red	Yes	No	--	--	ND<1%	None
466	Grey	Yes	No	--	--	ND<1%	None
467	Grey	Yes	No	--	--	ND<1%	None
468	Black/White	Yes	No	--	--	ND<1%	None
469	Black/White	Yes	No	--	--	ND<1%	None
470	Brown	Yes	No	--	--	ND<1%	None
471	Brown	Yes	No	--	--	ND<1%	None
472	Grey	Yes	No	--	--	ND<1%	None
473	Grey	Yes	No	--	--	ND<1%	None
474	Grey/Black/Green	Yes	No	--	--	ND<1%	None
475	Grey/Black/Green	Yes	No	--	--	ND<1%	None
476	White	Yes	No	--	--	ND<1%	None
477	White	Yes	No	--	--	ND<1%	None
478	Yellow-Orange	Yes	No	--	--	ND<1%	None
479	Yellow-Orange	Yes	No	--	--	ND<1%	None
480	Beige	Yes	No	--	--	ND<1%	None
481	Beige	Yes	No	--	--	ND<1%	None
482	Green	Yes	No	--	30% synthetic	ND<1%	None
483	Green	Yes	No	--	30% synthetic	ND<1%	None
484	Yellow	Yes	No	--	--	ND<1%	None

485	Yellow	Yes	No	--	--	ND<1%	None
486	Yellow/Orange	Yes	No	--	10% synthetic	ND<1%	None
487	Yellow/Orange	Yes	No	--	10% synthetic	ND<1%	None
488	White	Yes	No	--	--	ND<1%	None
489	White	Yes	No	--	--	ND<1%	None
490	Dark Orange	Yes	No	--	--	ND<1%	None
491	Dark Orange	Yes	No	--	--	ND<1%	None
492	Yellow	Yes	No	--	--	ND<1%	None
493	Yellow	Yes	No	--	--	ND<1%	None
494	Cream	Yes	No	--	--	ND<1%	None
495	Cream	Yes	No	--	--	ND<1%	None
496	White	Yes	No	--	20% cellulose	ND<1%	None
497	White	Yes	No	--	20% cellulose	ND<1%	None
498	Black	Yes	No	--	--	ND<1%	None
499	Black	Yes	No	--	--	ND<1%	None
500	Black	Yes	No	--	--	ND<1%	None
501	Black	Yes	No	--	--	ND<1%	None
502	Black	Yes	No	--	--	ND<1%	None
503	Black	Yes	No	--	--	ND<1%	None
504	Dark Red	Yes	No	--	--	ND<1%	None
505	Dark Red	Yes	No	--	--	ND<1%	None
506	Brown	Yes	No	--	--	ND<1%	None
507	Brown	Yes	No	--	--	ND<1%	None
508	Grey	Yes	No	--	--	ND<1%	None
509	Grey	Yes	No	--	--	ND<1%	None
510	Off-White	Yes	No	--	--	ND<1%	None
511	Off-White	Yes	No	--	--	ND<1%	None
512	Off-White	Yes	No	--	--	ND<1%	None
513	Black	Yes	No	--	--	10%	Chrysotile
514	--	--	--	--	--	NA/PS	--
515	White	Yes	No	--	--	ND<1%	None
516	White	Yes	No	--	--	ND<1%	None
517	Black	Yes	No	--	--	30%	Chrysotile
518	--	--	--	--	--	NA/PS	--
519	Black	Yes	No	--	--	ND<1%	None
520	Black	Yes	No	--	--	ND<1%	None
521	Black	Yes	No	--	--	3%	Chrysotile

522	--	--	--	--	--	NA/PS	--
523	White	Yes	No	--	20% cellulose	ND<1%	None
524	White	Yes	No	--	20% cellulose	ND<1%	None
525	White	Yes	No	--	--	30% 3%	Chrysotile Amosite
526	--	--	--	--	--	NA/PS	--
527	White	Yes	No	--	--	60% 5%	Chrysotile Amosite
528	--	--	--	--	--	NA/PS	--
529	White	Yes	No	--	--	ND<1%	None
530	White	Yes	No	--	--	ND<1%	None
531	White	Yes	No	--	--	ND<1%	None
532	Black	Yes	No	--	10% cellulose	ND<1%	None
533	Black	Yes	No	--	10% cellulose	ND<1%	None
534	Black	Yes	No	--	--	ND<1%	None
535	Black	Yes	No	--	--	ND<1%	None
536	Black	Yes	No	--	--	ND<1%	None
537	Black	Yes	No	--	--	ND<1%	None
538	Grey	Yes	No	--	60% cellulose	30%	Chrysotile
539	--	--	--	--	--	NA/PS	--
540	--	--	--	--	--	NA/PS	--
541	White	Yes	No	--	--	ND<1%	None
542	White	Yes	No	--	--	ND<1%	None
543	White	Yes	No	--	--	ND<1%	None
544	White	Yes	No	--	--	ND<1%	None
545	White	Yes	No	--	--	ND<1%	None
546	Grey/Brown	Yes	No	--	--	ND<1%	None
547	Grey/Brown	Yes	No	--	--	ND<1%	None
548	Yellow (glue)	No	Yes	1	--	ND<1%	None
548	Brown/Dark Grey (linoleum)	No	Yes	2	--	ND<1%	None
549	Yellow (glue)	No	Yes	1	--	ND<1%	None
549	Brown/Dark Grey (linoleum)	No	Yes	2	--	ND<1%	None
550	Yellow (glue)	No	Yes	1	--	ND<1%	None
550	Tan (linoleum)	No	Yes	2	30% cellulose	ND<1%	None
551	Yellow (glue)	No	Yes	1	--	ND<1%	None
551	Tan (linoleum)	No	Yes	2	30% cellulose	ND<1%	None
552	Black	Yes	No	--	--	ND<1%	None
553	Black	Yes	No	--	--	ND<1%	None

554	Black	Yes	No	--	--	ND<1%	None
555	Black	Yes	No	--	--	ND<1%	None
556	White	Yes	No	--	--	5%	Chrysotile
557	--	--	--	--	--	NA/PS	--
558	Black	Yes	No	--	10% cellulose	20%	Chrysotile
559	--	--	--	--	--	NA/PS	--
560	Grey/Tan	Yes	No	--	30% cellulose	ND<1%	None
561	Grey/Tan	Yes	No	--	30% cellulose	ND<1%	None
562	Grey/Tan	Yes	No	--	30% cellulose	ND<1%	None
563	Grey/White	Yes	No	--	--	30%	Chrysotile
564	--	--	--	--	--	NA/PS	--
565	White	Yes	No	--	10% cellulose 10% fiberglass	ND<1%	None
566	White	Yes	No	--	10% cellulose 10% fiberglass	ND<1%	None
567	White	Yes	No	--	10% cellulose 10% fiberglass	ND<1%	None
568	Black	Yes	No	--	60% cellulose	ND<1%	None
569	Black	Yes	No	--	60% cellulose	ND<1%	None
570	Black/Brown/Silver	Yes	No	--	60% cellulose	ND<1%	None
571	Black/Brown/Silver	Yes	No	--	60% cellulose	ND<1%	None
572	Black/Brown/Silver	Yes	No	--	60% cellulose	ND<1%	None
573	Tan/Black	Yes	No	--	80% cellulose 5% fiberglass	10%	Chrysotile
574	--	--	--	--	--	NA/PS	--
575	--	--	--	--	--	NA/PS	--
576	Black	Yes	No	--	--	3%	Chrysotile
577	--	--	--	--	--	NA/PS	--
578	White	Yes	No	--	--	ND<1%	None
579	White	Yes	No	--	--	ND<1%	None
580	White	Yes	No	--	80% synthetic	10%	Chrysotile
581	--	--	--	--	--	NA/PS	--
582	Grey	Yes	No	--	--	60%	Chrysotile
583	--	--	--	--	--	NA/PS	--
584	Tan	Yes	No	--	99% synthetic	ND<1%	None
585	Tan	Yes	No	--	99% synthetic	ND<1%	None
586	Dark Brown	Yes	No	--	--	ND<1%	None
587	White/Black	Yes	No	--	--	60%	Amosite
588	Black	Yes	No	--	--	ND<1%	None
589	White	Yes	No	--	20% synthetic	ND<1%	None

590	White	Yes	No	--	20% synthetic	ND<1%	None
591	White	Yes	No	--	20% synthetic	ND<1%	None
592	White	Yes	No	--	--	ND<1%	None
593	White	Yes	No	--	--	ND<1%	None

NA/PS- Not Analyzed/Positive Stop

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace- asbestos was observed at level of less than 1%

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2013. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by
Kathleen Williamson, Laboratory Manager

Reviewed by
Margaret Blanuyan
Kathleen Williamson, Laboratory Manager
or other approved signatory

Date Issued: 10-31-2012

TRC

Edition: October 2009
Supersede Previous Edition

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day

SIGNATURE

INSPECTOR: Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
01	10/1/12	1351		X	Ground floor – delta bag area	X				X	G1-brown glue behind wood chair rail
02	10/18/12	1015		X	1st floor – public concourse A	X					G1-brown glue behind wood chair rail
03	10/1/12	1445		X	Ground floor – delta hallway/public councourse A	X				X	G2-beige glue behind plywood(or sheetrock)
04	10/9/12	1337		X	Ground floor – 2B	X					G2-beige glue behind plywood(or sheetrock)
05	10/2/12	1043		X	Ground floor – public concourse A	X				X	G3-yellow residual glue (between sheetrock walls)
06	10/2/12	0900		X	Ground floor - public concourse A	X					G3-yellow residual glue (between sheetrock walls)
07	10/2/12	1050		X	Ground floor- public concourse A	X				X	G4-beige residual glue
08	10/2/12	1051		X	Ground floor- public concourse A	X					G4-beige residual glue

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr, 24hr, 48hr, X 3day TEM: 24hr, 48hr, X 3day, 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
09	10/2/12	1123		X	Ground floor- public concourse A	X				X	G5-beige riser stair glue
10	10/2/12	1125		X	Ground floor- public concourse A	X					G5-beige riser stair glue
11	10/2/12	1200		X	Ground floor- public concourse A	X				X	G6-light brown rubber floor tread glue
12	10/2/12	11154		X	Ground floor- public concourse A	X					G6-light brown rubber floor tread glue
13	10/5/12	1132		X	Gournd floor – hall G	X				X	G7-black glue under rubber floor treads
14	10/5/12	1135		X	Ground floor – hall G	X					G7-black glue under rubber floor treads
15	10/5/12	1423		X	Ground floor –rm 23	X				X	[redacted]
16	10/5/12	1424		X	Fround floor – rm 23	X					G8-black remnant glue daubs
17	10/8/12	0911		X	Ground floor – American baggage	X				X	G9-cream glue behind 3" corner trim guard

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr, 24hr, 48hr, X 3day TEM: 24hr, 48hr, X 3day, 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
18	10/8/12	0912		X	Ground floor – American baggage	X					G9-cream glue behind 3" corner trim guard
19	10/8/12	1153		X	1st floor – snack bar 15	X				X	G10-white brittle glue behind 4" ceramic wall tile
20	10/8/12	1151		X	1st floor – snack bar 15	X					G10-white brittle glue behind 4" ceramic wall tile
21	10/8/12	1206		X	1st floor – snack bar 15	X				X	G11-greenish glue behind plastic wall panel
22	10/8/12	1208		X	1st floor – snack bar 15	X					G11-greenish glue behind plastic wall panel
23	10/8/12	1313		X	1st floor - Host lounge A	X				X	G12-black glue behind thick fiberboard wall panel (4' high)
24	10/8/12	1315		X	1st floor - Host lounge A	X					G12-black glue behind thick fiberboard wall panel (4' high)
25	10/8/12	1320		X	1st floor - Host lounge A	X				X	G13-cream glue behind ceramic tile bar wall base (8" high)
26	10/8/12	1321		X	1st floor - Host lounge A	X					G13-cream glue behind ceramic tile bar wall base (8" high)

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

TRC

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 4/493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr / X 3day TEM: 24hr / 48hr / X 3day / 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
27	10/9/12	0758		X	1st floor – STR lobby 1	X				X	G14-light brown glue behind sheetrock
28	10/9/12	0800		X	1st floor – STR lobby 1	X					G14-light brown glue behind sheetrock
29	10/10/12	0808		X	1st floor – family bathroom	X				X	G15-yellow glue behind 2" ceramic wall tile
30	10/10/12	0815		X	1st floor – family bathroom	X					G15-yellow glue behind 2" ceramic wall tile
31	10/10/12	1010		X	1st floor - paradies	X				X	G16-dark tan glue behind wood baseboard
32	10/10/12	1016		X	1st floor - paradies	X					G16-dark tan glue behind wood baseboard
33	10/10/12	1019		X	1st floor - paradies	X				X	G17-beige glue behind wood baseboard
34	10/10/12	1018		X	1st floor - paradies	X					G17-beige glue behind wood baseboard
35	10/10/12	1014		X	1st floor - paradies	X				X	G18-tan glue behind laminate counter panels
36	10/10/12	1013		X	1st floor - paradies	X					G18-tan glue behind laminate counter panels
37	10/10/12	1020		X	1st floor - paradies	X				X	G19-tan mirror glue daubs

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	10/23/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) 1000 Kathleen Williamson	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day

SIGNATURE

INSPECTOR: Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
38	10/10/12	1022		X	1st floor - paradies	X					G19-tan mirror glue daubs
39	10/10/12	1114		X	1st floor – men's bathroom 6	X				X	G20-yellow glue behind 4" ceramic wall tiles
40	10/10/12	1115		X	1st floor – men's bathroom 6	X					G20-yellow glue behind 4" ceramic wall tiles
41	10/10/12	1258		X	Ground floor – SP66B	X				X	G21-light brown wall panel glue
42	10/10/12	1259		X	Ground floor – SP66B	X					G21-light brown wall panel glue
43	10/10/12	1327		X	Ground floor –men;s bathroom 1	X				X	G22-white glue behind counter sideboard
44	10/10/12	1328		X	Ground floor –men;s bathroom 1	X					G22-white glue behind counter sideboard
45	10/10/12	1432		X	1st floor – G25	X				X	G23-brown ceiling tile glue daubs under 1'x1' cellulose ceiling tile
46	10/10/12	1433		X	1st floor – G25	X					G23-brown ceiling tile glue daubs under 1'x1' cellulose ceiling tile
47	10/11/12	0833		X	1st floor – wicked subs	X				X	G24-black glue daubs behind thick stain wood panel (4')

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: ok
Acceptable: Yes_____ No_____
Comments:

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LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr X 3day TEM: 24hr / 48hr X 3day / 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
48	10/11/12	0855		X	1st floor – wicked subs	X					G24-black glue daubs behind thick stain wood panel (4')
49	10/11/12	0905		X	1st floor – wicked subs	X				X	G25-tan glue daubs behind wall paneling
50	10/11/12	0906		X	1st floor – wicked subs	X					G25-tan glue daubs behind wall paneling
51	10/11/12	0908		X	1st floor – wicked subs	X				X	G26-cream glue behind 4"ceramic wall tile
52	10/11/12	0909		X	1st floor – wicked subs	X					G26-cream glue behind 4"ceramic wall tile
53	10/11/12	0910		X	1st floor – wicked subs kitchen	X				X	G27-brown glue behind white plastic wall panel
54	10/11/12	1203		X	1st floor – paradies 16B	X					G27-brown glue behind white plastic wall panel
55	10/11/12	1145		X	1st floor – paradies 16A	X				X	G28-black mirror glue daubs
56	10/11/12	1146		X	1st floor – paradies 16A	X					G28-black mirror glue daubs
57	10/12/12	0820		X	Basement – room 157 walk-in cooler	X				X	G29-tan glue daubs behind plastic panel in walk-in freezer

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr, 24hr, 48hr, X 3day TEM: 24hr, 48hr, X 3day, 5day

SIGNATURE

INSPECTOR: Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
58	10/12/12	0821		X	Basement – room 157 walk-in cooler	X					G29-tan glue daubs behind plastic panel in walk-in freezer
59	10/12/12	1151		X	1st floor- sam adams	X				X	G30-light brown glue daubs behind column panels
60	10/12/12	1152		X	1st floor- sam adams	X					G30-light brown glue daubs behind column panels
61	10/12/12	1155		X	1st floor- sam adams back room	X				X	G31-tan glue behind plastic panel
62	10/12/12	1157		X	1st floor- sam adams back room	X					G31-tan glue behind plastic panel
63	10/12/12	1312		X	1st floor-munsons 143	X				X	G32-brown glue behind 12x12 ceramic wall tile
64	10/12/12	1303		X	1st floor-munsons 143	X					G32-brown glue behind 12x12 ceramic wall tile
65	10/12/12	1315		X	1st floor-munsons 143	X				X	G33-tan glue under fiberboard wall panel
66	10/12/12	1317		X	1st floor-munsons 143	X					G33-tan glue under fiberboard wall panel
67	10/12/12	1321		X	1st floor-munsons 143	X				X	~~G34-dark brown glue behind sheetrock wall~~
68	10/12/12	1323		X	1st floor-munsons 143	X					G34-dark brown glue behind sheetrock wall

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41453

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr / X 3day TEM: 24hr / 48hr / X 3day / 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
69	10/12/12	1451		X	1st floor – murphy conference room	X				X	G35-light brown wall panel glue behind fiberboard wall panel
70	10/12/12	1453		X	1st floor – murphy conference room	X					G35-light brown wall panel glue behind fiberboard wall panel
71	10/15/12	1318		X	3rd floor stairwell C	X				X	G36-black glue under rubber stair treads
72	10/15/12	1320		X	3rd floor stairwell C	X					G36-black glue under rubber stair treads
73	10/15/12	1432		X	3rd floor rm 51	X				X	G37-tan wall panel glue behind fiberboard
74	10/15/12	1433		X	3rd floor rm 51	X					G37-tan wall panel glue behind fiberboard
75	10/15/12	1412		X	3rd floor rm 50	X				X	G38-brown glue behind fiberboard wall panel
76	10/15/12	1413		X	3rd floor rm 50	X					G38-brown glue behind fiberboard wall panel
77	10/15/12	1412		X	3rd floor rm 50	X				X	G39-dark brown glue daubs behind old 2'x4' Ceiling tiles

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	10/23/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr 24hr 48hr X 3day TEM: 24hr 48hr X 3day 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
78	10/15/12	1413		X	3rd floor rm 50	X					G39-dark brown glue daubs behind old 2'x4' Ceiling tiles
79	10/15/12	1436		X	3rd floor FAA1	X				X	G40-dark brown glue daubs behind fiberboard wall panel
80	10/15/12	1437		X	3rd floor FAA1	X					G40-dark brown glue daubs behind fiberboard wall panel
81	10/16/12	0840		X	2nd floor – rm 208 (SP)	X				X	G41-black glue daubs behind fiberboard wall panel
82	10/16/12	0841		X	2nd floor – rm 208 (SP)	X					G41-black glue daubs behind fiberboard wall panel
83	10/16/12	0845		X	2nd floor – rm 208 (SP)	X				X	G42-tan glue daubs behind fiberboard wall panel
84	10/16/12	0846		X	2nd floor – rm 208 (SP)	X					G42-tan glue daubs behind fiberboard wall panel
85	10/16/12	0901		X	2nd floor – SP 210	X				X	G43-dark brown residual glue daubs
86	10/16/12	0922		X	2nd floor – SP 210	X					G43-dark brown residual glue daubs
87	10/16/12	1435		X	2nd floor – men's room Hall 2C	X				X	G44-tan glue behind 1.5" ceramic wall tile

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

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LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day

SIGNATURE

INSPECTOR: Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
88	10/16/12	1436		X	2nd floor – men's room Hall 2C	X					G44-tan glue behind 1.5" ceramic wall tile
89	10/16/12	1444		X	2nd floor – men's room Hall 2C	X				X	G45-black mirror glue daubs
90	10/16/12	1445		X	2nd floor – men's room Hall 2C	X					G45-black mirror glue daubs
91	10/17/12	0823		X	2nd floor –host kitchen women's room	X				X	G46-tan glue behind plastic wall panel
92	10/17/12	0825		X	2nd floor –host kitchen men's room	X					G46-tan glue behind plastic wall panel
93	10/17/12	1039		X	2nd floor sky lounge	X				X	G47-black residual glue on wood beams above ceiling
94	10/17/12	1040		X	2nd floor sky lounge	X					G47-black residual glue on wood beams above ceiling
95	10/17/12	1311		X	2nd floor OPS	X				X	G48-yellow glue under thin baseboard wood covering & lwr wood panel

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr X 3day TEM: 24hr / 48hr X 3day / 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
96	10/17/12	1312		X	2nd floor OPS	X					G48-yellow glue under thin baseboard wood covering & lwr wood panel
97	10/17/12	1416		X	3rd floor men's room	X				X	G49-yellow glue behind plastic wall panel
98	10/17/12	1416		X	3rd floor men's room	X					G49-yellow glue behind plastic wall panel
99	10/17/12	1424		X	3rd floor rm 78A	X				X	G50-black glue behind fiberboard wall panel
100	10/17/12	1425		X	3rd floor rm 78A	X					G50-black glue behind fiberboard wall panel
101	10/17/12	1426		X	3rd floor rm 78A	X				X	G51-orange glue between styrafoam window insulation
102	10/17/12	1427		X	3rd floor rm 78	X					G51-orange glue between styrafoam window insulation
103	10/18/12	0806		X	3rd floor rm 80A	X				X	G52-light brown glue behind fiberboard/cellulose wall panel
104	10/18/12	0807		X	3rd floor rm 80A	X					G52-light brown glue behind fiberboard/cellulose wall panel

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr X 3day TEM: 24hr / 48hr X 3day / 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
105	10/1/12	1415		X	Ground floor – public concourse A delta	X			X		CT1-2'x2' comma/pinhole ceiling tile
106	10/2/12	0858		X	Ground floor – public concourse A	X			X		CT1-2'x2' comma/pinhole ceiling tile
107	10/8/12	1101		X	Ground floor rm 24	X			X		CT1-2'x2' comma/pinhole ceiling tile
108	10/9/12	1003		X	1st floor rm 35	X			X		CT1-2'x2' comma/pinhole ceiling tile
109	10/2/12	0755		X	Ground floor south escalator	X			X		CT2-2'x2' divot/pinhole ceiling tile
110	10/9/12	1106		X	1st floor room 30B	X			X		CT2-2'x2' divot/pinhole ceiling tile
111	10/9/12	1107		X	1st floor room 30B	X			X		CT2-2'x2' divot/pinhole ceiling tile
112	10/10/12	0911		X	1st floor AA tickets	X			X		CT2-2'x2' divot/pinhole ceiling tile
113	10/15/12	1008		X	Control tower	X			X		CT2-2'x2' divot/pinhole ceiling tile
114	10/2/12	1323		X	Ground floor public concourse A	X			X		CT3-2'x2' ridgeline ceiling tile (partial spline)

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

TRC

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr / X 3day TEM: 24hr / 48hr / X 3day / 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
115	10/3/12	1504		X	Ground floorDAL 1	X			X		CT3-2'x2' ridgeline ceiling tile (partial spline)
116	10/8/12	0804		X	Ground floor ammerican baggage	X			X		CT3-2'x2' ridgeline ceiling tile (partial spline)
117	10/2/12	1336		X	Ground floor – Public concourse A (PCA)	X			X		CT4-2'x2' dropped pinhole/splotch ceiling tile
118	10/8/12	1508		X	1st floor paradies 16 entry	X			X		CT4-2'x2' dropped pinhole/splotch ceiling tile
119	10/2/12	1351		X	Ground floor women's bath 1	X			X		CT5-2'x2' multi-size pinhole ceiling tile w/ laminate surface
120	10/18/12	1116		X	Ground floor women's bath 1	X			X		CT5-2'x2' multi-size pinhole ceiling tile w/ laminate surface
121	10/2/12	1435		X	Ground floor Hall B	X			X		CT6-2'x2' heavy coarse ceiling tile w/ foil backing
122	10/18/12	1035		X	Ground floor Hall B	X			X		CT6-2'x2' heavy coarse ceiling tile w/ foil backing
123	10/3/12	1445		X	Ground floor rm 73	X			X		CT7-2'x2' heavy coarse ceiling tile

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr X 3day TEM: 24hr / 48hr X 3day / 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
124	10/3/12	1445		X	Ground floor rm 73	X			X		CT7-2'x2' heavy coarse ceiling tile
125	10/5/12	0804		X	Ground floor DAL 3	X			X		CT8-2'x2' heavy coarse pinhole ceiling tiles
126	10/5/12	0805		X	Ground floor DAL 3	X			X		CT8-2'x2' heavy coarse pinhole ceiling tiles
127	10/5/12	1049		X	Ground floor – rm 66A	X			X		CT9-2'x4' comma/pinhole ceiling tile
128	10/18/12	1040		X	Ground floor – rm 66B	X			X		CT9-2'x4' comma/pinhole ceiling tile
129	10/8/12	1209		X	1st floor snack bar 15	X			X		CT10-2'x4' smooth ceiling tile
130	10/8/12	1210		X	1st floor snack bar 15	X			X		CT10-2'x4' smooth ceiling tile
131	10/8/12	1305		X	1st floor host lounge A	X			X		CT11-2'x2' light brown heavy coarse ceiling tile
132	10/11/12	0813		X	1st floor wicked subs	X			X		CT11-2'x2' light brown heavy coarse ceiling tile
133	10/8/12	1425		X	1st floor PCA	X			X		CT12-2'x2' wormhole/pinhole ceiling tile
134	10/8/12	1426		X	1st floor PCA	X			X		CT12-2'x2' wormhole/pinhole ceiling tile

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41453

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr X 3day TEM: 24hr / 48hr X 3day / 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
135	10/8/12	1450		X	1st floor TP5	X			X		CT13-2'x4' comma/pinhole ceiling tile
136	10/8/12	1452		X	1st floor TP5	X			X		CT13-2'x4' comma/pinhole ceiling tile
137	10/16/12	1025		X	2nd floor – SP 202A	X			X		CT14-2'x4' long wormhole/pinhole ceiling tile
138	10/16/12	1025		X	2nd floor – SP 202A	X			X		CT14-2'x4' long wormhole/pinhole ceiling tile
139	10/11/12	0826		X	1st floor wicked subs	X			X		CT15-2'x2' smooth sheetrock ceiling tile
140	10/11/12	0828		X	1st floor wicked subs kitchen	X			X		CT15-2'x2' smooth sheetrock ceiling tile
141	10/11/12	1142		X	1st floor paradies 16A	X			X		CT16-2'x2' splotchy/ pinhole (w/ pink edges above hangars)
142	10/11/12	1143		X	1st floor paradies 16A	X			X		CT16-2'x2' splotchy/ pinhole (w/ pink edges above hangars)
143	10/12/12	1108		X	1st floor sam adams back room	X			X		CT17-2'x2' deep terrain comma/comma pinhole ceiling tile

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	10/23/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr, 24hr, 48hr, X 3day TEM: 24hr, 48hr, X 3day, 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
144	10/12/12	1109		X	1st floor sam adams back room	X			X		CT17-2'x2' deep terrain comma/comma pinhole ceiling tile
145	10/12/12	1312		X	1st floor-munsons 43	X			X		CT18-2'x4' comma/pinhole (2'x2' design)
146	10/12/12	1313		X	1st floor-munsons 43	X			X		CT18-2'x4' comma/pinhole (2'x2' design)
147	10/12/12	1442		X	2nd floor conference room	X			X		CT19-2'x2' stony ceiling tile w/ foil backing
148	10/12/12	1444		X	2nd floor conference room	X			X		CT19-2'x2' stony ceiling tile w/ foil backing
149	10/15/12	1209		X	4th flr FAA office	X			X		CT20-2'x4' wormhole/pinhole ceiling tile
150	10/15/12	1415		X	3rd flr rm 50	X			X		CT20-2'x4' wormhole/pinhole ceiling tile
151	10/15/12	1439		X	3rd flr rm 51	X			X		CT21-2'x2' heavy coral ceiling tile
152	10/15/12	1441		X	3rd flr rm 51	X			X		CT21-2'x2' heavy coral ceiling tile
153	10/15/12	1451		X	3rd flr rm 76	X			X		CT22-2'x4' clean comma (straight)/pinhole
154	10/15/12	1452		X	3rd flr rm 76	X			X		CT22-2'x4' clean comma (straight)/pinhole

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

TRC

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Supersede Previous Edition

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day

SIGNATURE

INSPECTOR: Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
155	10/16/12	0833		X	2nd floor SP rm210	X			X		CT23-2'x2' long wormhole w/ multisize pinhole
156	10/16/12	0834		X	2nd floor SP rm210	X			X		CT23-2'x2' long wormhole w/ multisize pinhole
157	10/16/12	1040		X	2nd floor SP 200A	X			X		CT24-2'x4' divot/pinhole ceiling tile
158	10/16/12	1041		X	2nd floor SP 200A	X			X		CT24-2'x4' divot/pinhole ceiling tile
159	10/16/12	1126		X	2nd floor SP 203	X			X		CT25-2'x4' long wormhole (horizontal)/pinhole ceiling tile
160	10/16/12	1127		X	2nd floor SP 203	X			X		CT25-2'x4' long wormhole (horizontal)/pinhole ceiling tile
161	10/17/12	1020		X	2nd floor sky lounge	X			X		CT26-2'x2' light texture drop down ceiling tile
162	10/17/12	1020		X	2nd floor sky lounge	X			X		CT26-2'x2' light texture drop down ceiling tile
163	10/17/12	1411		X	3rd floor women's bathroom	X			X		CT27-2'x2' light rough w/ pinhole ceiling tile
164	10/17/12	1413		X	3rd floor women's bathroom	X			X		CT27-2'x2' light rough w/ pinhole ceiling tile

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: [ ] 8hr [ ] 24hr [ ] 48hr [X] 3day TEM: [ ] 24hr [ ] 48hr [X] 3day [ ] 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
165	10/17/12	1428		X	3rd floor rm 76	X			X		CT28-2'x4' multi-size pinhole ceiling tile
166	10/17/12	1430		X	3rd floor rm 76	X			X		CT28-2'x4' multi-size pinhole ceiling tile
167	10/2/12	1104		X	Ground floor PCA	X			X		GR1-grey grout behind ceramic wall tiles (on columns)
168	10/2/12	1105		X	Ground floor PCA	X			X		GR1-grey grout behind ceramic wall tiles (on columns)
169	10/2/12	1343		X	Ground floor women's bathroom 1	X			X		GR2A-light grey grout between 4" ceramic wall tiles
170	10/2/12	1347		X	Ground floor women's bathroom 1	X			X		GR2A-light grey grout between 4" ceramic wall tiles
171	10/2/12	1345		X	Ground floor women's bathroom 1	X			X		GR2B-dark grey grout behind 4"ceramic wall tiles
172	10/2/12	1354		X	Ground floor women's bathroom 1	X			X		GR2B-dark grey grout behind 4"ceramic wall tiles

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	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr 24hr 48hr X 3day TEM: 24hr 48hr X 3day 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
173	10/2/12	1406		X	Ground floor women's bathroom 1	X			X		GR3A-dark grey grout between 1.5" ceramic wall tile
174	10/2/12	1407		X	Ground floor women's bathroom 1	X			X		GR3A-dark grey grout between 1.5" ceramic wall tile
175	10/2/12	1418		X	Ground floor women's bathroom 1	X			X		GR3B-light grey grout behind 1.5" ceramic wall tile
176	10/2/12	1419		X	Ground floor women's bathroom 1	X			X		GR3B-light grey grout behind 1.5" ceramic wall tile
177	10/5/12	1012		X	Grounds floor men's lav 2	X			X		GR4-grey grout between/under 1.25" smooth ceramic floor tiles
178	10/5/12	1013		X	Grounds floor men's lav 2	X			X		GR4-grey grout between/under 1.25" smooth ceramic floor tiles
179	10/8/12	1154		X	1st floor snack bar 15	X			X		GR5-white grout between 4" ceramic wall tiles
180	10/8/12	1156		X	1st floor snack bar 15	X			X		GR5-white grout between 4" ceramic wall tiles

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr X 3day TEM: 24hr / 48hr X 3day / 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
181	10/8/12	1157		X	1st floor snack bar 15	X			X		GR6A-grey grout between mulit-size ceramic floor tiles
182	10/8/12	1158		X	1st floor snack bar 15	X			X		GR6A-grey grout between mulit-size ceramic floor tiles
183	10/8/12	1200		X	1st floor snack bar 15	X			X		GR6B-light grey grout under mulit-size ceramic floor tiles
184	10/8/12	1203		X	1st floor snack bar 15	X			X		GR6B-light grey grout under mulit-size ceramic floor tiles
185	10/8/12	1319		X	1st floor host lounge A	X			X		GR7A-dark brown grout between brick shape ceramic floor tiles
186	10/8/12	1320		X	1st floor host lounge A	X			X		GR7A-dark brown grout between brick shape ceramic floor tiles
187	10/8/12	1323		X	1st floor host lounge A	X			X		GR7B-light grey grout under brick shape ceramic floor tiles

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	10/23/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr X 3day TEM: 24hr / 48hr X 3day / 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
188	10/8/12	1325		X	1st floor host lounge A	X			X		GR7B-light grey grout under brick shape ceramic floor tiles
189	10/8/12	1334		X	1st floor PCA	X			X		GR8A-pink grout between pink hue marble wall tiles
190	10/8/12	1335		X	1st floor PCA	X			X		GR8A-pink grout between pink hue marble wall tiles
191	10/8/12	1336		X	1st floor PCA	X			X		GR8B-cream grout behind pink hue marble wall tiles
192	10/8/12	1338		X	1st floor PCA	X			X		GR8B-cream grout behind pink hue marble wall tiles
193	10/9/12	0825		X	1st floor women's bath	X			X		GR9-grey grout between/under 1.5" cereramic floor tiles
194	10/9/12	0826		X	1st floor women's bath	X			X		GR9-grey grout between/under 1.5" cereramic floor tiles
195	10/10/12	0816		X	1st floor family bathroom	X			X		GR11-grey grout between 3" ceramic wall tile
196	10/10/12	0818		X	1st floor family bathroom	X			X		GR11-grey grout between 3" ceramic wall tile
197	10/10/12	1025		X	1st floor paradies	X			X		GR11A-grey grout between 1'x1' marble floor tiles

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	10/23/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: [ ] 8hr [ ] 24hr [ ] 48hr [X] 3day TEM: [ ] 24hr [ ] 48hr [X] 3day [ ] 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
198	10/10/12	1028		X	1st floor paradies	X			X		GR11A-grey grout between 1'x1' marble floor tiles
199	10/10/12	1025		X	1st floor paradies	X			X		GR11B-white grout under 1'x1' marble floor tiles
200	10/10/12	1028		X	1st floor paradies	X			X		GR11B-white grout under 1'x1' marble floor tiles
201	10/10/12	1110		X	1st floor men's bathroom 6	X			X		GR12-grey grout between/under .75" ceramic floor tiles
202	10/10/12	1112		X	1st floor men's bathroom 6	X			X		GR12-grey grout between/under .75" ceramic floor tiles
203	10/10/12	1241		X	Ground flr SP66A	X			X		GR13-white grout behind 6" ceramic wall base
204	10/10/12	1242		X	Ground flr SP66A	X			X		GR13-white grout behind 6" ceramic wall base
205	10/11/12	0858		X	1st floor wicked subs	X			X		GR14A-dark brown grout between tan brick style ceramic floor tiles
206	10/11/12	0902		X	1st floor wicked subs	X			X		GR14A-dark brown grout between tan brick style ceramic floor tiles

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	10/23/12 K Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day

SIGNATURE

INSPECTOR: Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
207	10/11/12	0900		X	1st floor wicked subs	X			X		GR14B-greyish red grout under tan brick style ceramic floor tiles
208	10/11/12	0903		X	1st floor wicked subs	X			X		GR14B-greyish red grout under tan brick style ceramic floor tiles
209	10/11/12	1150		X	1st floor paradies 16A	X			X		GR15-grey grout under/between 1'x1' marble floor tiles
210	10/11/12	1151		X	1st floor paradies 16A	X			X		GR15-grey grout under/between 1'x1' marble floor tiles
211	10/12/12	1257		X	1st floor sam adams	X			X		GR16A-dark maroon grout between brick style ceramic floor tiles
212	10/12/12	1256		X	1st floor sam adams	X			X		GR16A-dark maroon grout between brick style ceramic floor tiles
213	10/12/12	1254		X	1st floor sam adams	X			X		GR16B-white grout under brick style ceramic floor tiles
214	10/12/12	1255		X	1st floor sam adams	X			X		GR16B-white grout under brick style ceramic floor tiles

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	10/23/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr X 3day TEM: 24hr / 48hr X 3day / 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
215	10/17/12	1023		X	2nd floor sky lounge kitchen	X			X		GR17-grey grout between/under 3" ceramic floor tiles
216	10/17/12	1024		X	2nd floor sky lounge kitchen	X			X		GR17-grey grout between/under 3" ceramic floor tiles
217	10/1/12	1530		X	Ground floor-delta baggage area	X		X		X	FT1-12x12 light brown confetti floor tile/black mastic
218	10/1/12	1529		X	Ground floor-delta baggage area	X		X			FT1-12x12 light brown confetti floor tile/black mastic
219	10/2/12	756		X	Ground floor south escalator	X		X		X	FT2-12x12 tan floor tile/black mastic
220	10/2/12	754		X	Ground floor south escalator	X		X			FT2-12x12 tan floor tile/black mastic
221	10/2/12	1151		X	Ground floor PCA	X		X		X	FT3-thin grey floor tile/black mastic
222	10/2/12	1150		X	Ground floor PCA	X		X			FT3-thin grey floor tile/black mastic
223	10/2/12	1418		X	Ground floor stairwell S2	X		X		X	FT4-12x12 grey confetti floor tile/black mastic

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	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
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LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day

SIGNATURE

INSPECTOR: Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
224	10/2/12	1416		X	Ground floor stairwell S2	X		X			FT4-12x12 grey confetti floor tile/black mastic
225	10/2/12	1422		X	Ground floor stairwell S2	X		X		X	FT5-12x12 grey confetti (thicker confetti)/black mastic
226	10/2/12	1419		X	Ground floor stairwell S2	X		X			FT5-12x12 grey confetti (thicker confetti)/black mastic
227	10/3/12	1419		X	Ground floor SC2	X		X		X	FT6-12x12 light brown confetti/ tan glue
228	10/3/12	1418		X	Ground floor SC2	X		X			FT6-12x12 light brown confetti /tan glue
229	10/3/12	1512		X	Ground floor DAL2	X		X		X	[illegible] mastic
230	10/3/12	1511		X	Ground floor DAL2	X		X			FT7-9x9 white floor tile/black mastic
231	10/5/12	1050		X	Ground floor 66A	X		X		X	FT8-12x12 grey confetti floor tile/yellow glue
232	10/5/12	1051		X	Ground floor 66A	X		X			FT8-12x12 grey confetti floor tile/yellow glue
233	10/5/12	1052		X	Ground floor 66A	X				X	FT9-white floor tile

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	10/23/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day

SIGNATURE

INSPECTOR: Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
234	10/5/12	1053		X	Ground floor 66A	X					FT9-white floor tile
235	10/5/12	1105		X	Ground floor 66B	X		X		X	FT10-white floor tile/black mastic
236	10/5/12	1106		X	Ground floor 66B	X		X			FT10-white floor tile/black mastic
237	10/5/12	1109		X	Ground floor 66A	X		X		X	FT11-grey floor tile/black mastic
238	10/5/12	1108		X	Ground floor 66B	X		X			FT11-grey floor tile/black mastic
239	10/8/12	0821		X	Ground floor American baggage	X		X		X	FT12-grey floor tile/~~black & tan mastic~~
240	10/8/12	0822		X	Ground floor American baggage	X		X			FT12-grey floor tile/black & tan mastic
241	10/8/12	1025		X	Ground floor American baggage	X		X		X	~~FT13-biege floor~~ tile/black mastic
242	10/8/12	1026		X	Ground floor American baggage	X		X			FT13-biege floor tile/black mastic
243	10/9/12	1124		X	1st floor rm31	X		X		X	FT14-blue floor tile/~~black mastic~~
244	10/9/12	1125		X	1st floor rm31	X		X			FT14-blue floor tile/black mastic

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	10/23/12 K Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ___ No ___
Comments:

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PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr, 24hr, 48hr, X 3day TEM: 24hr, 48hr, X 3day, 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
245	10/9/12	1346		X	Ground floor rm 2A	X		X		X	FT15-12x12 crema w/ brown streaks floor tile/black mastic
246	10/9/12	1348		X	Ground floor rm 2A	X		X			FT15-12x12 crema w/ brown streaks floor tile/black mastic
247	10/9/12	1420		X	1st floor Jazz1	X		X		X	FT16—9x9 thin beige w/ streaks floor tile/black mastic
248	10/9/12	1421		X	1st floor Jazz1	X		X			FT16—9x9 thin beige w/ streaks floor tile/black mastic
249	10/10/12	1028		X	1st floor PA1	X		X		X	FT17-12x12 cream w/ darker cream streaks floor tile/orange glue
250	10/10/12	1029		X	1st floor PA2	X		X			FT17-12x12 cream w/ darker cream streaks floor tile/orange glue
251	10/12/12	1420		X	Ground floor PCA closet 1	X		X		X	FT18-tan (orange hue) confetti floor tile/black mastic
252	10/12/12	1421		X	Ground floor PCA closet 1	X		X			FT18-tan (orange hue) confetti floor tile/black mastic

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
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PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr 24hr 48hr X 3day TEM: 24hr 48hr X 3day 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
253	10/15/12	1004		X	Control tower	X		X		X	FT19-9x9 maroon w/ dark maroon & white streaks floor tile/black mastic
254	10/15/12	1004		X	Control tower	X		X			FT19-9x9 maroon w/ dark maroon & white streaks floor tile/black mastic
255	10/15/12	1419		X	3rd floor hall	X		X		X	FT20-9x9 grey w/black & white streaks/black mastic
256	10/16/12	824		X	2nd floor SP 210	X		X			FT20-9x9 grey w/black & white streaks/black mastic
257	10/16/12	1010		X	2nd floor SP 202	X		X		X	FT21-12x12 tan w/ brown & white streaks floor tile/brown & black mastic
258	10/16/12	1012		X	2nd floor SP 202	X		X			FT21-12x12 tan w/ brown & white streaks floor tile/brown & black mastic
259	10/16/12	1038		X	2nd floor SP 200A	X		X		X	FT22-12x12 black w/ white specks floor tile/yellow glue
260	10/16/12	1040		X	2nd floor SP 200A	X		X			FT22-12x12 black w/ white specks floor tile/yellow glue

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	10/23/12	10/23/12 K Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

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PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr X 3day TEM: 24hr / 48hr X 3day / 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
261	10/16/12	1125		X	2nd floor SP 203	X		X		X	FT23-brown floor tile/black mastic
262	10/16/12	1125		X	2nd floor SP 203	X		X			FT23-brown floor tile/black mastic
263	10/16/12	1152		X	2nd floor SP break room 1	X		X		X	FT24-12x12 pale blue w/grey white confett floor tile/black mastic
264	10/16/12	1152		X	2nd floor SP break room 2	X		X			FT24-12x12 pale blue w/grey white confett floor tile/black mastic
265	10/17/12	1034		X	2nd floor sky lounge	X				X	FT25-12x12 cream confetti floor tile (glut to thin to sample)
266	10/1712	1032		X	2nd floor sky lounge	X					FT25-12x12 cream confetti floor tile (glut to thin to sample)
267	10/17/12	1155		X	2nd floor OPS 3	X		X		X	FT26-12x12 cream w/ grey confetti floor tile (greenish hue)/black mastic
268	10/1712	1155		X	2nd floor OPS 3	X		X			FT26-12x12 cream w/ grey confetti floor tile (greenish hue)/black mastic

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

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PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr X 3day TEM: 24hr / 48hr X 3day / 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
269	10/17/12	1442		X	3rd floor – room 81	X		X		X	FT27-9x9 tan w/maroon, brown & white streaks/black mastic
270	10/1712	1440		X	3rd floor – room 81	X		X			FT27-9x9 tan w/maroon, brown & white streaks/black mastic
271	10/17/12	1444		X	3rd floor-room 81	X		X		X	FT28-12x12 light brown floor tile w/ long maroon & white streaks/black mastic
272	10/1712	1443		X	3rd floor-room 81	X		X			FT28-12x12 light brown floor tile w/ long maroon & white streaks/black mastic
273	10/18/12	0800		X	3rd floor room 80	X		X		X	FT29-9x9 light green w/ small black & white streaks/black mastic
274	10/1812	0801		X	3rd floor room 80	X		X			FT29-9x9 light green w/ small black & white streaks/black mastic
275	10/18/12	0822		X	3rd floor-stair D	X		X		X	FT30-12x12 tan maroon/white confetti floor tile/black mastic
276	10/1812	0822		X	3rd floor-stair D	X		X			FT30-12x12 tan maroon/white confetti floor tile/black mastic

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: DM
Acceptable: Yes ✓ No
Comments:

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr, 24hr, 48hr, X 3day TEM: 24hr, 48hr, X 3day, 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
277	10/18/12	0900		X	Ground floor BAD 5	X		X		X	FT31-12x12 tan w/ maroon & white confetti/orange& black mastic
278	10/18/12	0901		X	Ground floor BAD 5	X		X			FT31-12x12 tan w/ maroon & white confetti/orange& black mastic
279	10/8/12	1015		X	Ground floor – location E (or C)	X			X		SPF1-remnant spray-on fireproofing
280	10/10/12	0828		X	1st floor men's room	X			X		SPF1-remnant spray-on fireproofing
281	10/17/12	1453		X	3rd floor room 81	X			X		SPF1-remnant spray-on fireproofing
282	10/2/12	0820		X	Ground floor location C	X			X		SPF2-grey fluffy spray-on
283	10/2/12	0818		X	Ground floor location C	X			X		SPF2-grey fluffy spray-on
284	10/2/12	0816		X	Ground floor location C	X			X		SPF2-grey fluffy spray-on
285	10/5/12	1415		X	Ground floor rm 23	X			X		SPF3-grey trowled on fireproofing w/mica flecks
286	10/5/12	1416		X	Ground floor rm 23	X			X		SPF3-grey trowled on fireproofing w/mica flecks

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	10/23/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

TRC

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr / X 3day TEM: 24hr / 48hr / X 3day / 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
287	10/8/12	0910		X	Ground floor American baggage	X			X		SPF3-grey trowled on fireproofing w/mica flecks
288	10/8/12	1205		X	1st floor snack bar 15	X			X		SPF3-grey trowled on fireproofing w/mica flecks
289	10/8/12	1453		X	1st floor TPS room	X			X		SPF3-grey trowled on fireproofing w/mica flecks
290	10/9/12	1501		X	1st floor 55A	X			X		SPF4-light grey fluffy spray-on (lighter then SPFa)
291	10/9/12	1503		X	1st floor 55A	X			X		SPF4-light grey fluffy spray-on (lighter then SPFa)
292	10/9/12	1505		X	1st floor 55A	X			X		SPF4-light grey fluffy spray-on (lighter then SPFa)
293	10/11/12	0800		X	1st floor wicked subs	X			X		SPF4A-thin grey (no mica flecks) spray-on fire proofing (thin application)
294	10/11/12	0848		X	1st floor wicked subs	X			X		SPF4A-thin grey (no mica flecks) spray-on fire proofing (thin application)
295	10/11/12	0850		X	1st floor wicked subs	X			X		SPF4A-thin grey (no mica flecks) spray-on fire proofing (thin application)
296	10/11/12	0754		X	1st floor wicked subs	X			X		SPF5-white trowled on hard fireproofing

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	10/23/12 K Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr, 24hr, 48hr X 3day TEM: 24hr, 48hr X 3day, 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
297	10/11/12	0758		X	1st floor wicked subs	X			X		SPF5-white trowled on hard fireproofing
298	10/11/12	0753		X	1st floor wicked subs	X			X		SPF5-white trowled on hard fireproofing
299	10/11/12	0834		X	1st floor wicked subs kitchen	X			X		SPF6-cream rough trowled-on spray-on patch
300	10/11/12	0829		X	1st floor wicked subs kitchen	X			X		SPF6-cream rough trowled-on spray-on patch
301	10/11/12	0830		X	1st floor wicked subs kitchen	X			X		SPF6-cream rough trowled-on spray-on patch
302	10/2/12	1040		X	Ground floor baggage corridor	X			X		SPFa-grey spray-on fireproofing (confirmation samples)
303	10/2/12	1503		X	1st floor 55A	X			X		SPFa-grey spray-on fireproofing(confirmation samples)
304	10/2/12	812		X	1st floor wicked subs	X			X		SPFa-grey spray-on fireproofing(confirmation samples)
305	10/8/12	1151		X	2nd floor OPS lobby	X			X		SPFa-grey spray-on fireproofing(confirmation samples)

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	10/23/12	10/23/12 K Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr X 3day TEM: 24hr / 48hr X 3day / 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
306	10/9/12	1322		X	2nd floor OPS room 1	X			X		SPFa-grey spray-on fireproofing(confirmation samples)
307	10/11/12	0821		X	Ground floor location C	X			X		SPFa-grey spray-on fireproofing(confirmation samples)
308	10/17/12	0850		X	Ground floor location D	X			X		SPFa-grey spray-on fireproofing(confirmation samples)
309	10/17/12	1401		X	Ground floor women's bathroom	X			X		SPFa-grey spray-on fireproofing (confirmation samples)
310	10/3/12	1447		X	Ground floor room 73	X			X		SPFb-grey spray-on fireproofing (confirmation samples)
311	10/3/12	1448		X	Ground floor room 73	X			X		SPFb-grey spray-on fireproofing (confirmation samples)
312	10/8/12	1143		X	1st floor public corridor A	X			X		SPFc-grey spray-on fireproofing (confirmation samples)
313	10/1/12	1316		X	Ground floor delta baggage	X				X	CB1-6" blue vinyl covebase

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ___ No ___
Comments:

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LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr 24hr 48hr X 3day TEM: 24hr 48hr X 3day 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
314	10/1/12	1318		X	Ground floor delta baggage	X					CB1-6" blue vinyl covebase
315	10/1/12	1413		X	Ground floor delta baggage	X				X	CB2-6" black covebase
316	10/3/12	1416		X	Ground floor SC2	X					CB2-6" black covebase
317	10/2/12	0752		X	Ground floor south escalator	X				X	CB3-6" grey covebase
318	10/8/12	1355		X	1st floor PCA	X					CB3-6" grey covebase
319	10/2/12	1427		X	Ground floor stairwell S2	X				X	CB4-4" dark brown covebase
320	10/9/12	1434		X	1st floor mech elec. Rm 110	X					CB4-4" dark brown covebase
321	10/2/12	1440		X	Ground floor hall B	X				X	CB5-4" black covebase
322	10/3/12	1515		X	Ground floor DAL 2	X					CB5-4" black covebase
323	10/3/12	1412		X	Ground floor SC1	X				X	CB6-6" brown covebase
324	10/11/12	0943		X	1st floor wicked subs	X					CB6-6" brown covebase

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	10/23/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ___ No ___
Comments:

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LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr, 24hr, 48hr, X 3day TEM: 24hr, 48hr, X 3day, 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
325	10/3/12	1506		X	Ground floor DAL1	X				X	CB7-4" blue covebase
326	10/8/12	1350		X	1st floor PCA	X					CB7-4" blue covebase
327	10/5/12	1053		X	Ground floor 66A	X				X	CB8-4" grey cove base
328	10/5/12	1053		X	Ground floor 66A	X					CB8-4" grey cove base
329	10/9/12	0828		X	Women's bathroom 5	X				X	CB9-4" white covebase
330	10/9/12	0829		X	Women's bathroom 5	X					CB9-4" white covebase
331	10/15/12	1458		X	3rd floor hall	X				X	CB11-6" cream covebase
332	10/15/12	1500		X	3rd floor hall	X					CB11-6" cream covebase
333	10/16/12	1307		X	2nd floor host kitchen hall	X				X	CB12-4" tan covebase
334	10/16/12	1308		X	2nd floor host kitchen host 1	X					CB12-4" tan covebase
335	10/1/12	1340		X	Ground floor delta baggage	X				X	CBG1-cream covebase glue

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	10/23/12 K Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ____ No ____
Comments:

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LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr X 3day TEM: 24hr / 48hr X 3day / 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
336	10/1/12	1342		X	Ground floor delta baggage	X					CBG1-cream covebase glue
337	10/8/12	1412		X	1st floor Public corridor A	X				X	CBG2-light brown covebase glue
338	10/1/12	1413		X	Ground floor delta baggage area	X					CBG2-light brown covebase glue
339	10/2/12	0752		X	Ground floor south escalator	X				X	CBG3-tan covebase glue
340	10/3/12	1410		X	Ground floor SC1	X					CBG3-tan covebase glue
341	10/2/12	1430		X	Ground floor stairwell S2	X					CBG3-tan covebase glue
342	10/2/12	1432		X	Ground floor stairwell S2	X				X	CBG4-dark brown covebase glue
343	10/8/12	1414		X	1st floor Public corridor A	X					CBG4-dark brown covebase glue
344	10/15/12	1207		X	4th floor FAA office	X				X	CBG5-black covebase glue
345	10/15/12	1208		X	4th floor FAA office	X					CBG5-black covebase glue
346	10/16/12	0830		X	2nd floor SP210	X				X	CBG6-brownish green soft sticky covebase glue

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: [ ] 8hr [ ] 24hr [ ] 48hr [X] 3day TEM: [ ] 24hr [ ] 48hr [X] 3day [ ] 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
347	10/16/12	0831		X	2nd floor SP210	X					CBG6-brownish green soft sticky covebase glue
348	10/2/12	0922		X	Ground floor - PCA	X				X	~~C1-hard brittle light brown caulk~~
349	10/2/12	0921		X	Ground floor - PCA	X					C1-hard brittle light brown caulk
350	10/5/12	1028		X	Ground floor rm 67	X				X	~~C2-old tan pliable caulk (ext. side of structure)~~
351	10/11/12	1451		X	Basement rm 55	X					C2-old tan pliable caulk (ext. side of structure)
352	10/5/12	1123		X	Ground floor rm 13	X				X	C3-grey flexible caulk
353	10/5/12	1125		X	Ground floor rm 13	X					C3-grey flexible caulk
354	10/5/12	1147		X	Ground floor rm 12	X				X	C4-white flexible caulk
355	10/5/12	1148		X	Ground floor rm 12	X					C4-white flexible caulk
356	10/5/12	1448		X	Ground floor rm 10	X				X	C5-grey sticky flex caulk
357	10/5/12	1449		X	Ground floor rm 10	X					C5-grey sticky flex caulk

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	10/23/12 K Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) 1000 Kathleen Williamson	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day
SIGNATURE	INSPECTOR: Gregory Kaczynski									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
358	10/8/12	1125		X	1st floor PCA	X				X	C6-dark brown hard caulk
359	10/8/12	1126		X	1st floor PCA	X					C6-dark brown hard caulk
360	10/8/12	1340		X	1st floor PCA	X				X	C7-slightly flexible light brown caulk
361	10/8/12	1342		X	1st floor PCA	X					C7-slightly flexible light brown caulk
362	10/9/12	0958		X	1st flr rm 35	X				X	~~C8-grey soft putty-like caulk~~
363	10/9/12	1000		X	1st flr rm 35	X					C8-grey soft putty-like caulk
364	10/9/12	1117		X	1st flr hall outside rm 31	X				X	C9-semi-pliable sticky grey caulk (on ext. side of wdw)
365	10/9/12	1118		X	1st flr hall outside rm 31	X					C9-semi-pliable sticky grey caulk (on ext. side of wdw)
366	10/9/12	1120		X	1st flr hall outside rm 31	X				X	~~C10-grey putty-like caulk w/ brown surface~~
367	10/9/12	1121		X	1st flr hall outside rm 31	X					C10-grey putty-like caulk w/ brown surface

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	10/23/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ___ No ___
Comments:

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr 24hr 48hr X 3day TEM: 24hr 48hr X 3day 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
368	10/10/12	1456		X	1st floor PCC entrance	X				X	C11-sticky, flexible dark brown caulk
369	10/10/12	1457		X	1st floor PCC entrance	X					C11-sticky, flexible dark brown caulk
370	10/12/12	0838		X	Basement – rm 49 corridor	X				X	C12-tan hard pliable putty caulk on drs/vents (ext side)
371	10/12/12	0840		X	Basement – rm 49 corridor	X					C12-tan hard pliable putty caulk on drs/vents (ext side)
372	10/15/12	1038		X	Control tower walkway	X				X	C13-white hard semi-pliable caulk
373	10/15/12	1040		X	Control tower walkway	X					C13-white hard semi-pliable caulk
374	10/15/12	1045		X	Control tower walkway	X				X	C14-dark brown flexible caulk
375	10/15/12	1048		X	Control tower walkway	X					C14-dark brown flexible caulk
376	10/15/12	1104		X	Pent house	X				X	C15-tan putty-like caulk (noticeable odor)
377	10/15/12	1104		X	Pent house	X					C15-tan putty-like caulk (noticeable odor)

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K. Williamson 10/24/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

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LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day
SIGNATURE	INSPECTOR: Gregory Kaczynski									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
378	10/2/12	0901		X	Ground floor PCA	X		X	X		PL1-plaster-white skimcoat/grey basecoat
379	10/5/12	0902		X	Ground floor halloutside budget 14	X		X	X		PL1-plaster-white skimcoat/grey basecoat
380	10/5/12	0832		X	Ground floor customs 15	X		X	X		PL1-plaster-white skimcoat/grey basecoat
381	10/2/12	0911		X	Ground floor PCA	X		X	X		PL1-plaster-white skimcoat/grey basecoat
382	10/10/12	1251		X	Ground flr SP 66A	X		X	X		PL1-plaster-white skimcoat/grey basecoat
383	10/8/12	1338		X	1st floor public corridor A	X		X	X		PL1-plaster-white skimcoat/grey basecoat
384	10/9/12	0901		X	1st floor public corridor B	X		X	X		PL1-plaster-white skimcoat/grey basecoat
385	10/9/12	1018		X	1st flr hallway outside rm35	X		X	X		PL1-plaster-white skimcoat/grey basecoat
386	10/18/12	0844		X	3rd floor room 78	X		X	X		PL1-plaster-white skimcoat/grey basecoat
387	10/18/12	0846		X	3rd floor room 76	X		X	X		PL1-plaster-white skimcoat/grey basecoat
388	10/16/12	0847		X	2nd floor SP 208	X		X	X		PL1-plaster-white skimcoat/grey basecoat

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(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr X 3day TEM: 24hr / 48hr X 3day / 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
389	10/16/12	1308		X	2nd floor hallway outside SP	X		X	X		PL1-plaster-white skimcoat/grey basecoat
390	10/15/12	1218		X	4th floor bathroom	X		X	X		PL1-plaster-white skimcoat/grey basecoat
391	10/15/12	1108		X	penthouse	X			X		PL1-plaster- grey basecoat only
392	10/9/12	1331		X	Ground floor 2C	X			X		PL3-soft tan plaster w/ mica flecks
393	10/9/12	1332		X	Ground floor 2C	X			X		PL3-soft tan plaster w/ mica flecks
394	10/9/12	1334		X	Ground floor 2B	X			X		PL3-soft tan plaster w/ mica flecks
395	10/11/12	1351		X	Basement disposal room	X		X	X		PL3A-plaster-rough white skimcoat/grey basecoat
396	10/11/12	1407		X	Basement disposal room	X		X	X		PL3A-plaster-rough white skimcoat/grey basecoat
397	10/11/12	1410		X	Basement disposal room	X		X	X		PL3A-plaster-rough white skimcoat/grey basecoat
398	10/2/12	1310		X	Ground floor - PCA	X		X	X		SHR1-white joint compound/light grey sheetrock
399	10/9/12	0803		X	1st floor stairwell lobby 1	X		X	X		SHR1-white joint compound/light grey sheetrock

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	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr X 3day TEM: 24hr / 48hr X 3day / 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
400	10/9/12	1423		X	1st floor Jazz 1	X		X	X		SHR1-white joint compound/light grey sheetrock
401	10/2/12	0915		X	Ground floor - PCA	X		X	X		SHR2-white joint compound/white sheetrock
402	10/1/12	1348		X	Ground floor delta baggage area	X		X	X		SHR2-white joint compound/white sheetrock
403	10/11/12	0838		X	1st floor wicked subs kitchen	X		X	X		SHR2-white joint compound/white sheetrock
404	10/16/12	1458		X	2nd floor host kitchen hallway	X		X	X		SHR3-white joint compound/brown sheetrock
405	10/16/12	1500		X	2nd floor host kitchen hallway	X		X	X		SHR3-white joint compound/brown sheetrock
406	10/2/12	1110		X	Ground floor - PCA	X				X	WG1-black putty interior window glaze
407	10/2/12	1118		X	Ground floor - PCA	X					WG1-black putty interior window glaze
408	10/9/12	1010		X	1st floor hallway outside room 35	X				X	WG2-hard grey glaze on interior double pane metal windows
409	10/9/12	1012		X	1st floor hallway outside room 35	X					WG2-hard grey glaze on interior double pane metal windows

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	10/23/12	10/23/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

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LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr, 24hr, 48hr, X 3day TEM: 24hr, 48hr, X 3day, 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
410	10/10/12	0955		X	1st floor AA tickets	X				X	WG3-hard tan window glaze on large (5'x7') metal framed windows
411	10/10/12	0956		X	1st floor AA tickets	X					WG3-hard tan window glaze on large (5'x7') metal framed windows
412	10/10/12	1058		X	1st floor wicked subs ramp	X				X	WG4-flex grey glaze on large 5'x7' windows
413	10/12/12	1500		X	2nd floor murphy conference room	X					WG4-flex grey glaze on large 5'x7' windows
414	10/10/12	1353		X	Ground floor rm 68A	X				X	WG5-hard wihte glaze on metal windows
415	10/15/12	1424		X	3rd floor rm 50	X					WG5-hard wihte glaze on metal windows
416	10/15/12	1020		X	Control tower	X				X	WG6-black putty glaze on 7'x10' metal framed windows
417	10/15/12	1021		X	Control tower	X					WG6-black putty glaze on 7'x10' metal framed windows

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	10/23/12	10/23/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
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Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr / X 3day TEM: 24hr / 48hr / X 3day / 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
418	10/15/12	1023		X	Control tower	X				X	WG7-grey putty glaze on 7'x10' metal framed windows
419	10/15/12	1024		X	Control tower	X					WG7-grey putty glaze on 7'x10' metal framed windows
420	10/16/12	1351		X	2nd floor – SP telecom tower 4th flr bathroom					X	WG8-hard white window glaze patch
421	10/16/12	1352		X	2nd floor – SP telecom tower	X					WG8-hard white window glaze patch
422	10/16/12	1419		X	2nd floor – hall 2C 2nd flr SP telecommunications	X				X	WG9-hard grey glaze on single pane metal framed window
423	10/16/12	1420		X	2nd floor – hall 2C	X					WG9-hard grey glaze on single pane metal framed window
424	10/17/12	1343		X	2nd floor airport admin 2 2nd flr hall 2C	X				X	WG10-grey soft flex glaze in large single pane metal windows (5'x4')
425	10/17/12	1344		X	2nd floor airport admin	X					WG10-grey soft flex glaze in large single pane metal windows (5'x4')

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	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
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LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr, 24hr, 48hr, X 3day TEM: 24hr, 48hr, X 3day, 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
426	10/15/12	1217		X	4th floor bathroom 2nd flr ~~x~~ report down 2					X	WG11-black putty patch window glaze
427	10/15/12	1215		X	4th floor bathroom 1	X					WG11-black putty patch window glaze
428	10/1/12	1510		X	Ground floor delta baggage area	X				X	DWG1-black putty door window glaze
429	10/2/12	1424		X	Ground floor stairwell S2	X					DWG1-black putty door window glaze
430	10/5/12	1428		X	Ground floor rm 23	X				X	DWG4-grey putty door window glaze
431	10/8/12	1031		X	Ground floor American baggage	X					DWG4-grey putty door window glaze
432	10/5/12	1157		X	Ground floor rm 12	X				X	DWG5-white putty door window glaze
433	10/5/12	1158		X	Ground floor rm 12	X					DWG5-white putty door window glaze
434	10/3/12	1440		X	Ground floor rm 73	X				X	TVB1-black tar vapor barrier behind 5"x5" ceramcic wall base
435	10/3/12	1441		X	Ground floor rm 73	X					TVB1-black tar vapor barrier behind 5"x5" ceramcic wall base

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr / X 3day TEM: 24hr / 48hr / X 3day / 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
436	10/8/12	1106		X	Ground floor above rm 24A	X				X	TVB2-black tar/felt layers on face of upper concrete deck beam (2" visible)
437	10/8/12	1107		X	Ground floor above rm 24A	X					TVB2-black tar/felt layers on face of upper concrete deck beam (2" visible)
438	10/11/12	0800		X	1st floor wicked subs	X				X	TVB3-black tar vapor barrier on concrete deck
439	10/11/12	0801		X	1st floor wicked subs	X					TVB3-black tar vapor barrier on concrete deck
440	10/12/12	0752		X	Basement rm 157	X				X	TVB4-tar layer in walk-in refrigerator ceiling
441	10/12/12	0753		X	Basement rm 157	X					TVB4-tar layer in walk-in refrigerator ceiling
442	10/12/12	0815		X	Basement rm 157	X				X	TVB5-tar layer on backside of walkin refrigerator walls
443	10/12/12	0816		X	Basement rm 157	X					TVB5-tar layer on backside of walkin refrigerator walls
444	10/12/12	0845		X	Basement window outside boiler rm	X				X	TVB6-black tar vapor on top of metal lentil

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	10/23/12	10/23/12 K Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) 1000 Kathleen Williamson	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

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PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr X 3day TEM: 24hr / 48hr X 3day / 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
445	10/12/12	0846		X	Basement window outside boiler rm	X					TVB6-black tar vapor on top of metal lentil
446	10/12/12	1130		X	1st floor sam adams	X				X	~~TVB7-black tar vapor barrier~~ on backside of bricks
447	10/12/12	1131		X	1st floor sam adams	X					TVB7-black tar vapor barrier on backside of bricks
448	10/16/12	0838		X	2nd floor SP rm 208	X				X	~~TVB8-black tar felt vapor barrier between concrete~~
449	10/16/12	0839		X	2nd floor SP rm 208	X					TVB8-black tar felt vapor barrier between concrete
450	10/18/12	0811		X	3rd floor room 80	X				X	~~TVB9-black tar felt~~ vapor barrier coming out of concrete deck
451	10/18/12	0812		X	3rd floor room 80	X					TVB9-black tar felt vapor barrier coming out of concrete deck
452	10/18/12	1007		X	1st floor - PBB	X				X	~~TVB10-black~~ tar felt vapor barrier coming out of concrete deck
453	10/18/12	1008		X	1st floor - PBB	X					TVB10-black tar felt vapor barrier coming out of concrete deck

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(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

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LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr, 24hr, 48hr, X 3day TEM: 24hr, 48hr, X 3day, 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
454	10/8/12	0835		X	Ground floor american baggage	X				X	DS1-hard tan sealant on duct seams under silver fiberglass coating insulation
455	10/8/12	0837		X	Ground floor american baggage	X					DS1-hard tan sealant on duct seams under silver fiberglass coating insulation
456	10/15/12	1154		X	4th floor fan room	X				X	DS3-cream/tan duct patch on metal ducts
457	10/15/12	1155		X	4th floor fan room	X					DS3-cream/tan duct patch on metal ducts
458	10/17/12	0811		X	2nd floor host kitchen hall	X				X	DS4- brown seam sealant on cork duct insulation (it is glue holding it to metal duct as well)
459	10/17/12	0811		X	2nd floor host kitchen hall	X					DS4- brown seam sealant on cork duct insulation (it is glue holding it to metal duct as well)
460	10/17/12	0840		X	2nd floor host 4	X				X	DS5-grey putty duct sealant between/on top of duct seams
461	10/17/12	0841		X	2nd floor host 4	X					DS5-grey putty duct sealant between/on top of duct seams

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr, 24hr, 48hr, X 3day TEM: 24hr, 48hr, X 3day, 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
462	10/17/12	0850		X	2nd floor host 6	X				X	DS6-yellow crumbly duct glue holding up grey coated fiberglass insulation
463	10/17/12	0851		X	2nd floor host 6	X					DS6-yellow crumbly duct glue holding up grey coated fiberglass insulation
464	10/18/12	0815		X	3rd floor rm 80	X				X	DS7-red duct sealant on duct corner
465	10/18/12	0819		X	3rd floor rm 80	X					DS7-red duct sealant on duct corner
466	10/18/12	0916		X	Ground floor BAD 2	X				X	DS8-grey putty sealant on HVAC unit above ceiling (40LF)
467	10/18/12	0916		X	Ground floor BAD 2	X					DS8-grey putty sealant on HVAC unit above ceiling (40LF)
468	10/1/12	1526		X	Ground floor delta baggage area	X				X	LEV1-white leveler/black residual
469	10/1/12	1527		X	Ground floor delta baggage area	X					LEV1-white leveler/black residual
470	10/2/12	1030		X	Ground floor PCA	X					LEV2-brown leveler

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr X 3day TEM: 24hr / 48hr X 3day / 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
471	10/5/12	0846		X	Ground floor budget 14	X					LEV2-brown leveler
472	10/2/12	1120		X	Ground floor PCA	X					LEV3-grey leveler
473	10/2/12	1121		X	Ground floor PCA	X					LEV3-grey leveler
474	10/2/12	1200		X	Ground floor PCA	X				X	LEV4-grey/black/green layered material leveler
475	10/2/12	1202		X	Ground floor PCA	X					LEV4-grey/black/green layered material leveler
476	10/10/12	0859		X	1st floor PCC	X					LEV5-white leveler
477	10/10/12	0900		X	1st floor PCC	X					LEV5-white leveler
478	10/1/12	1312		X	Ground floor delta baggabe area	X				X	CG1-yellow-orange glue
479	10/2/12	1029		X	Ground floor PCA	X					CG1-yellow-orange glue
480	10/5/12	0838		X	Ground floor customs 15	X				X	CG2-beige carpet glue
481	10/5/12	0840		X	Ground floor customs 15	X					CG2-beige carpet glue

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	10/23/12	10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

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LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr / X 3day TEM: 24hr / 48hr / X 3day / 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
482	10/8/12	1058		X	Ground floor rm 24	X				X	CG3-green carpet glue
483	10/8/12	1100		X	Ground floor rm 24A	X					CG3-green carpet glue
484	10/8/12	1310		X	1st floor host lounge A	X				X	CG4-yellow powdery carpet glue
485	10/8/12	1311		X	1st floor host lounge A	X					CG4-yellow powdery carpet glue
486	10/1/12	1323		X	Ground floor delta baggage area	X				X	WCG1-yellow/orange wall carpet glue
487	10/8/12	0826		X	Ground floor American baggage area	X					WCG1-yellow/orange wall carpet glue
488	10/2/12	1131		X	Ground floor PCA	X				X	WCG2-white flaky glue behind wall carpet
489	10/2/12	1132		X	Ground floor PCA	X					WCG2-white flaky glue behind wall carpet
490	10/15/12	1013		X	Control tower	X				X	WCG3-dark orange wall carpet glue
491	10/15/12	1013		X	Control tower	X					WCG3-dark orange wall carpet glue
492	10/1/12	1438		X	Ground floor PCA	X				X	WPG1-yellow glue behind plastic wall panel

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	10/23/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1020	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

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LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr X 3day TEM: 24hr / 48hr X 3day / 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
493	10/1/12	1439		X	Ground floor PCA	X					WPG1-yellow glue behind plastic wall panel
494	10/2/12	1058		X	Ground floor PCA	X				X	WPG2-cream glue behind blue plastic wall panel
495	10/2/12	1100		X	Ground floor PCA	X					WPG2-cream glue behind blue plastic wall panel
496	10/9/12	1148		X	1st floor rm 28	X				X	SU1-white sink undercoating
497	10/9/12	1149		X	1st floor rm 28	X					SU1-white sink undercoating
498	10/11/12	1003		X	1st floor wicked subs	X				X	SU2-black sink tar undercoating
499	10/11/12	1005		X	1st floor wicked subs	X					SU2-black sink tar undercoating
500	10/12/12	1311		X	1st floor munsons rm 43	X				X	SU3-black thin smooth sink undercoating
501	10/12/12	1313		X	1st floor munsons rm 43	X					SU3-black thin smooth sink undercoating
502	10/17/12	1101		X	2nd floor-sky lounge kitchen	X				X	SU4-black sink tar undercoating
503	10/17/12	1102		X	2nd floor-sky lounge kitchen	X					SU4-black sink tar undercoating

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	10/23/12 K Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

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LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr 24hr 48hr X 3day TEM: 24hr 48hr X 3day 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
504	10/2/12	1433		X	Ground floor stairwell S2	X				X	FS1-dark red fire penetration caulk
505	10/12/12	0947		X	Ground floor generator #2 room	X					FS1-dark red fire penetration caulk
506	10/5/12	0913		X	Ground floor room 68	X				X	FS2-brown fire penetration caulk
507	10/5/12	0920		X	Ground floor room 68	X					FS2-brown fire penetration caulk
508	10/2/12	1346		X	Ground floor women's bathroom 1	X			X		CWB1-cement wall board
509	10/2/12	1348		X	Ground floor women's bathroom 1	X			X		CWB1-cement wall board
510	10/1/12	1512		X	Ground floor delta baggage	X			X		TOC1-trowled-on soft conrete
511	10/18/12	1030		X	Ground floor delta baggage	X			X		TOC1-trowled-on soft conrete
512	10/18/12	1031		X	Ground floor delta baggage	X			X		TOC1-trowled-on soft conrete
513	10/15/12	1024		X	Control tower walkway	X				X	~~Black flashing tar on walkways~~ seams & screws

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	10/23/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ___ No ___
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr X 3day TEM: 24hr / 48hr X 3day / 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
514	10/15/12	1022		X	Control tower walkway	X					FL1-black flashing tar on walkways seams & screws
515	10/15/12	1035		X	Control tower walkway	X				X	FL2-white flashing tar (over FL1)
516	10/15/12	1037		X	Control tower walkway	X					FL2-white flashing tar (over FL1)
517	10/15/12	1029		X	Control tower	X				X	GAL1-black tar galbestos coating
518	10/15/12	1030		X	Control tower	X					GAL1-black tar galbestos coating
519	10/8/12	1422		X	1st floor PCA	X				X	M1-residual black mastic
520	10/9/12	0840		X	1st floor PCB	X					M1-residual black mastic
521	10/15/12	1005		X	Control tower	X				X	M3-black mastic under 9x9 grey w/small white specks floor tile
522	10/15/12	1006		X	Control tower	X					M3-black mastic under 9x9 grey w/small white specks floor tile
523	10/11/12	1413		X	Basement disposal room A	X			X		FD1-white fire door insulation

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr, 24hr, 48hr, X 3day TEM: 24hr, 48hr, X 3day, 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
524	10/11/12	1415		X	Basement disposal room A	X			X		FD1-white fire door insulation
525	10/15/12	1159		X	4th floor room 83B	X			X		FD2-white fire door insulation (wd door w/ metal covering)
526	10/15/12	0904		X	2nd floor host 4	X			X		FD2-white fire door insulation (wd door w/ metal covering)
527	10/17/12	1333		X	2nd floor OPS lobby	X			X		FD3-white fire door insulation in wood door
528	10/17/12	1332		X	2nd floor OPS lobby	X			X		FD3-white fire door insulation in wood door
529	10/5/12	1430		X	Ground floor room 23	X			X		TC1-cream wavy textured coating on concrete block walls
530	10/5/12	1432		X	Ground floor room 23	X			X		TC1-cream wavy textured coating on concrete block walls
531	10/5/12	1433		X	Ground floor room 23	X			X		TC1-cream wavy textured coating on concrete block walls
532	10/5/12	1150		X	Ground floor rm 12	X				X	EJ1-black expansion joint material in floor

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ___ No ___
Comments:

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LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr X 3day TEM: 24hr / 48hr X 3day / 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
533	10/5/12	1152		X	Ground floor rm 12	X					EJ1-black expansion joint material in floor
534	10/12/12	0902		X	Basement boiler room	X				X	EJ2-black tar expansion joint material in concrete around boilers (and part of boiler room)
535	10/12/12	0904		X	Basement boiler room	X					EJ2-black tar expansion joint material in concrete around boilers (and part of boiler room)
536	10/5/12	0852		X	Ground floor hall outside budget 14	X				X	~~RT1-residual black tar daubs on wall~~
537	10/5/12	0853		X	Ground floor hall outside budget 14	X					RT1-residual black tar daubs on wall
538	10/17/12	1043		X	2nd floor sky lounge	X			X		~~RI1-corrugated radiator insulation~~
539	10/17/12	1044		X	2nd floor sky lounge	X			X		RI1-corrugated radiator insulation
540	10/17/12	1044		X	2nd floor sky lounge	X			X		RI1-corrugated radiator insulation
541	10/10/12	1447		X	1st floor public corridor C	X			X		SC1-white skimcoat

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	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr X 3day TEM: 24hr / 48hr X 3day / 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
542	10/10/12	1448		X	1st floor public corridor C	X			X		SC1-white skimcoat
543	10/10/12	1449		X	1st floor public corridor C	X			X		SC1-white skimcoat
544	10/15/12	1321		X	4th floor stairwell C	X				X	DWG6-hard white door window glaze
545	10/15/12	1322		X	4th floor stairwell C	X					DWG6-hard white door window glaze
546	10/5/12	1452		X	Ground floor rm 10	X			X		WS1-grey stone material/brown grout
547	10/5/12	1453		X	Ground floor rm 10	X			X		WS1-grey stone material/brown grout
548	10/12/12	1247		X	1st floor sam adams	X		X		X	LIN1-3"x3' wood stain pattern flooring/yellow glue
549	10/12/12	1248		X	1st floor sam adams	X		X			LIN1-3"x3' wood stain pattern flooring/yellow glue
550	10/17/12	1358		X	3rd floor rm 77a	X		X			LIN2-tan small stone pattern linoleum/yellow glue
551	10/17/12	1359		X	3rd floor rm 77	X		X			LIN2-tan small stone pattern linoleum/yellow glue
552	10/10/12	1051		X	1st floor wicked subs ramp	X				X	RTC1-black thin tar-like coating on inside of metal radiator

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	10/23/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

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LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr X 3day TEM: 24hr / 48hr X 3day / 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
553	10/10/12	1054		X	1st floor wicked subs ramp	X					RTC1-black thin tar-like coating on inside of metal radiator
554	10/17/12	1204		X	2nd floor OPS 3	X				X	RTC1A-black thin tar-like coating on concrete block behind radiators
555	10/17/12	1204		X	2nd floor OPS 3	X					RTC1A-black thin tar-like coating on concrete block behind radiators
556	10/12/12	0935		X	Ground floor rm 69	X			X		~~FC1-soft white flue caulk~~
557	10/12/12	0936		X	Ground floor rm 69	X			X		FC1-soft white flue caulk
558	10/12/12	1356		X	Ground floor badging	X				X	~~FTP1-old~~ black tar flashing paper below deck (old roofing)
559	10/12/12	1358		X	Ground floor badging	X					FTP1-old black tar flashing paper below deck (old roofing)
560	10/12/12	0930		X	Ground floor room 69	X			X		TI1-tan mud over grey insulation
561	10/12/12	0931		X	Ground floor room 69	X			X		TI1-tan mud over grey insulation

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: ok
Acceptable: Yes ___ No ___
Comments:

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr, 24hr, 48hr, X 3day TEM: 24hr, 48hr, X 3day, 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
562	10/12/12	0935		X	Ground floor room 69	X			X		TI1-tan mud over grey insulation
563	10/15/12	1436		X	3rd floor rm FAA1	X					TP1-transite panel w/ holes
564	10/15/12	1436		X	3rd floor rm FAA1	X					TP1-transite panel w/ holes
565	10/12/12	0854		X	Basement boiler room	X				X	PS1-hard white seam sealant on fiberglass/PVC insulation
566	10/12/12	0856		X	Basement boiler room	X					PS1-hard white seam sealant on fiberglass/PVC insulation
567	10/12/12	0858		X	Basement boiler room	X					PS1-hard white seam sealant on fiberglass/PVC insulation
568	10/15/12	1041		X	Control tower walkway	X			X		SP1-black fibrous packing material at metal panel seams
569	10/15/12	1044		X	Control tower walkway	X			X		SP1-black fibrous packing material at metal panel seams

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

TRC

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr, 24hr, 48hr, X 3day TEM: 24hr, 48hr, X 3day, 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
570	10/2/12	0835		X	Ground floor delta baggage	X			X		PW1-tar coating between paper/foil layers of fiberglass pipe insulation coating
571	10/2/12	1143		X	Ground floor PCA	X			X		PW1-tar coating between paper/foil layers of fiberglass pipe insulation coating
572	10/9/12	1340		X	Ground floor rm 2B	X			X		PW1-tar coating between paper/foil layers of fiberglass pipe insulation coating
573	10/2/12	1135		X	Ground floor PCA	X				X	PI1-tan paper/cloth/black tar/black insulation
574	10/5/12	0906		X	Ground floor hall outside budget14	X					PI1-tan paper/cloth/black tar/black insulation
575	10/5/12	09098		X	Ground floor hall outside budget14	X					PI1-tan paper/cloth/black tar/black insulation
576	10/2/12	1315		X	Ground floor PCA	X				X	RM1-residual black mastic
577	10/2/12	1316		X	Ground floor PCA	X					RM1-residual black mastic
578	10/12/12	1150		X	1st floor sam adams	X			X		PM1-white patching material

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1020	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ___ No ___
Comments:

TRC

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM: 8hr 24hr 48hr X 3day TEM: 24hr 48hr X 3day 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
579	10/12/12	1151		X	1st floor sam adams	X			X		PM1-white patching material
580	10/12/12	0942		X	Ground floor rm 74	X			X		~~PPS1-white fibrous packing material~~
581	10/12/12	0943		X	Ground floor rm 74	X			X		PPS1-white fibrous packing material
582	10/12/12	1053		X	Basement rm 151	X				X	P[redacted] putty pipe penetration sealant
583	10/12/12	1053		X	Basement rm 151	X					PPS2-grey putty pipe penetration sealant
584	10/17/12	1402		X	3rd floor rm 77	X			X		VB2A-tan flaky paper vapor barrier
585	10/17/12	1403		X	3rd floor rm 77	X			X		VB2A-tan flaky paper vapor barrier
586	10/9/12	0950		X	1st floor outside rm 43	X				X	GDa-dark brown glue daub from remnant ceiling tile
587	10/17/12	0842		X	2nd floor kitchen host 4	X			X		[redacted] ~~metal duct~~
588	10/9/12	1440		X	1st floor room 55B	X				X	FTc – black mastic associated with FTc
589	10/12/12	0921		X	Ground floor room 69	X			X		CAL1-white calcil pipe insulation (metal encased)

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	10/23/12 K Williamson			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

TRC

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TELEPHONE (860) 298-9692
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41493

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME								
183572.4445.0710	ConnDOT-BIA Terminal B – Murphy Terminal, Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr	X	3day		5day
SIGNATURE	INSPECTOR: Gregory Kaczynski										

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
590	10/12/12	0922		X	Ground floor room 69	X			X		CAL1-white calcil pipe insulation (metal encased)
591	10/12/12	0924		X	Ground floor room 69	X			X		CAL1-white calcil pipe insulation (metal encased)
592	10/15/12	1128		X	4th floor-machine room	X			X		SPFd-white hard porous spray-on insulation (same as basement spray-on)
593	10/15/12	1129		X	4th floor-machine room	X			X		SPFd-white hard porous spray-on insulation (same as basement spray-on)

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/23/12	K. Williamson 10/23/12			
(Printed) Gregory Kaczynski	Time: 0940	(Printed) Kathleen Williamson 1000	(Printed)	Time:	(Printed)

Remarks: Analayze all SPF1's (279-281), SPFa's (302-309) and PS1's (565-567).

Condition of Samples: OK
Acceptable: Yes ____ No ____
Comments:

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 10/25/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
01	41493	Glue	See COC		
03	41493	Glue			
05	41493	Glue			
07	41493	Glue			
09	41493	Glue			
11	41493	Glue			
13	41493	Glue			
17	41493	Glue			
19	41493	Glue			
21	41493	Glue			
25	41493	Glue			
27	41493	Glue			
29	41493	Glue			
31	41493	Glue			
33	41493	Glue			
35	41493	Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 10/25/12

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

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Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
37	41493	Glue daub	See COC		
39	41493	Glue			
41	41493	Glue			
43	41493	Glue			
45	41493	Glue daub			
49	41493	Glue daub			
51	41493	Glue			
53	41493	Glue			
55	41493	Glue daub			
57	41493	Glue daub			
59	41493	Glue daub			
61	41493	Glue			
63	41493	Glue			
65	41493	Glue			
69	41493	Glue			
71	41493	Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 10/25/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
75	41493	Glue	See COC		
77	41493	Glue daub			
79	41493	Glue daub			
81	41493	Glue daub			
83	41493	Glue daub			
85	41493	Glue daub			
87	41493	Glue			
91	41493	Glue			
95	41493	Glue			
97	41493	Glue			
101	41493	Glue			
217	41493	Tile only			
223	41493	Tile only			
225	41493	Tile & Mastic			
227	41493	Tile & Glue			
231	41493	Tile & Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 10/25/12

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

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Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
233	41493	Tile only	See COC		
235	41493	Tile & Mastic			
237	41493	Tile & Mastic			
239	41493	Tile only			
243	41493	Tile only			
249	41493	Tile & Glue			
253	41493	Tile & Mastic			
257	41493	Tile & Mastic			
259	41493	Tile & Glue			
261	41493	Mastic only			
263	41493	Tile only			
265	41493	Tile			
267	41493	Tile & Mastic			
271	41493	Tile only			
277	41493	Tile & Mastic			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/01/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
313	41493	Cove base	See COC		
315	41493	Cove base			
317	41493	Cove base			
319	41493	Cove base			
321	41493	Cove base			
323	41493	Cove base			
325	41493	Cove base			
327	41493	Cove base			
329	41493	Cove base			
331	41493	Cove base			
333	41493	Cove base			
335	41493	Glue			
337	41493	Glue			
339	41493	Glue			
342	41493	Glue			
344	41493	Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

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22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/01/12

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Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

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Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
352	41493	Caulk	See COC		
354	41493	Caulk			
356	41493	Caulk			
358	41493	Caulk			
360	41493	Caulk			
364	41493	Caulk			
368	41493	Caulk			
406	41493	Glaze			
408	41493	Glaze			
410	41493	Glaze			
412	41493	Glaze			
414	41493	Glaze			
420	41493	Glaze			
422	41493	Glaze			
424	41493	Glaze			
426	41493	Glaze			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/01/12

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

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Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
428	41493	Glaze	See COC		
432	41493	Glaze			
434	41493	Tar VB			
440	41493	Tar			
454	41493	Sealant			
458	41493	Sealant			
462	41493	Duct Glue			
464	41493	Sealant			
466	41493	Sealant			
468	41493	Leveler/Mastic			
474	41493	Leveler			
478	41493	Glue			
480	41493	Glue			
482	41493	Glue			
484	41493	Glue			
486	41493	Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

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22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/01/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

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Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
488	41493	Glue	See COC		
490	41493	Glue			
492	41493	Glue			
494	41493	Glue			
496	41493	Sink Undercoating			
498	41493	Sink Undercoating			
500	41493	Sink Undercoating			
502	41493	Sink Undercoating			
504	41493	Caulk			
506	41493	Caulk			
515	41493	Flashing			
519	41493	Mastic			
532	41493	Expansion Joint Material			
534	41493	Expansion Joint Material			
536	41493	Tar daubs			
544	41493	Glaze			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/01/12

PO#: **C183572**

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Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
548	41493	Glue & Linoleum	See COC		
550	41493	Glue & Linoleum			
552	41493	Tar Coating			
554	41493	Tar Coating			
565	41493	Sealant			
586	41493	Glue Daub			
588	41493	Mastic			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

✓MT

TRC
Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Site: Bradley International Airport, Terminal B, Murphy Terminal, Windsor Locks, CT
Lab Log #: 41531
Project #: 183572.4445.0710
Date Received: 11/09/12
Date Analyzed: 11/13/12

RESULTS

Sample No.	Color	Homogeneous	Multi-Layered	Layer No.	Other Matrix Mat'ls	Asbestos %	Asbestos Type
594	Grey	Yes	No	--	--	ND<1%	None
595	Grey	Yes	No	--	--	ND<1%	None
596	Black	Yes	No	--	--	ND<1%	None
597	Black	Yes	No	--	--	ND<1%	None
598	Beige	Yes	No	--	--	ND<1%	None
599	Beige	Yes	No	--	--	ND<1%	None
600	Tan	Yes	No	--	--	20%	Anthophyllite
601	--	--	--	--	--	NA/PS	--
602	White	Yes	No	--	--	ND<1%	None
603	White	Yes	No	--	--	ND<1%	None
604	Dark Grey	Yes	No	--	--	Trace	Chrysotile
605	Dark Grey	Yes	No	--	--	Trace	Chrysotile
606	Grey	Yes	No	--	--	ND<1%	None
607	Grey	Yes	No	--	--	ND<1%	None
608	Light Grey	Yes	No	--	--	ND<1%	None
609	Light Grey	Yes	No	--	--	ND<1%	None
610	Light Brown	Yes	No	--	--	ND<1%	None
611	Light Brown	Yes	No	--	--	ND<1%	None

612	Grey	Yes	No	--	--	ND<1%	None
613	Grey	Yes	No	--	--	ND<1%	None
614	Silver	Yes	No	--	--	10%	Chrysotile
615	--	--	--	--	--	NA/PS	--
616	Grey	Yes	No	--	--	ND<1%	None
617	Grey	Yes	No	--	--	ND<1%	None
618	Black	Yes	No	--	--	10%	Chrysotile
619	--	--	--	--	--	NA/PS	--
620	Grey	Yes	No	--	--	ND<1%	None
621	Grey	Yes	No	--	--	ND<1%	None
622	Grey	Yes	No	--	--	ND<1%	None
623	Grey	Yes	No	--	--	ND<1%	None
624	Tan	Yes	No	--	--	3%	Chrysotile
625	--	--	--	--	--	NA/PS	--
626	Grey	Yes	No	--	--	ND<1%	None
627	Grey	Yes	No	--	--	ND<1%	None
628	Brown	Yes	No	--	--	ND<1%	None
629	Brown	Yes	No	--	--	ND<1%	None
630	Silver	Yes	No	--	--	ND<1%	None
631	Silver	Yes	No	--	--	ND<1%	None
632	Black	Yes	No	--	--	ND<1%	None
633	Black	Yes	No	--	--	ND<1%	None
634	Black	Yes	No	--	10% fiberglass	ND<1%	None
635	Black	Yes	No	--	10% fiberglass	ND<1%	None
636	Beige	Yes	No	--	90% mineral wool	ND<1%	None
637	Beige	Yes	No	--	90% mineral wool	ND<1%	None
638	Black	Yes	No	--	--	5%	Chrysotile
639	--	--	--	--	--	NA/PS	--
640	Black	Yes	No	--	--	5%	Chrysotile
641	--	--	--	--	--	NA/PS	--
642	White	Yes	No	--	--	ND<1%	None
643	White	Yes	No	--	--	ND<1%	None
644	Black	Yes	No	--	--	3%	Chrysotile
645	--	--	--	--	--	NA/PS	--
646	Black (mastic)	No	Yes	1	--	10%	Chrysotile

646	Light Grey/Black/White (tile)	No	Yes	2	--	5%	Chrysotile
647	--	--	--	--	--	NA/PS	--
647	--	--	--	--	--	NA/PS	--
648	Black	Yes	No	--	--	20%	Chrysotile
649	--	--	--	--	--	NA/PS	--
650	Brown	Yes	No	--	--	ND<1%	None
651	Brown	Yes	No	--	--	ND<1%	None
652	Cream	Yes	No	--	--	ND<1%	None
653	Cream	Yes	No	--	--	ND<1%	None
654	Black	Yes	No	--	--	ND<1%	None
655	Black	Yes	No	--	--	ND<1%	None
656	Dark Brown	Yes	No	--	--	ND<1%	None
657	Dark Brown	Yes	No	--	--	ND<1%	None
658	Grey	Yes	No	--	--	10%	Chrysotile
659	Grey	--	--	--	--	NA/PS	--
660	Rust	Yes	No	--	--	ND<1%	None
661	Rust	Yes	No	--	--	ND<1%	None
662	Black	Yes	No	--	10% cellulose 10% mineral wool	ND<1%	None
663	Black	Yes	No	--	10% cellulose 10% mineral wool	ND<1%	None
664	Black/Yellow	Yes	No	--	2% cellulose 10% fiberglass 10% synthetic	ND<1%	None
665	Black/Yellow	Yes	No	--	2% cellulose 10% fiberglass 10% synthetic	ND<1%	None
666	Black/Yellow/Silver	Yes	No	--	20% fiberglass 10% synthetic	ND<1%	None
667	Black/Yellow/Silver	Yes	No	--	20% fiberglass 10% synthetic	ND<1%	None
668	Black	Yes	No	--	10% fiberglass 10% synthetic	ND<1%	None
669	Black	Yes	No	--	10% fiberglass 10% synthetic	ND<1%	None
670	Black/Yellow/Silver	Yes	No	--	20% cellulose 10% fiberglass 10% synthetic	ND<1%	None
671	Black/Yellow/Silver	Yes	No	--	20% cellulose 10% fiberglass 10% synthetic	ND<1%	None
672	Black/Yellow/Silver	Yes	No	--	30% fiberglass 10% synthetic	ND<1%	None
673	Black/Yellow/Silver	Yes	No	--	30% fiberglass 10% synthetic	ND<1%	None
674	Black	Yes	No	--	30% synthetic	3%	Chrysotile
675	--	--	--	--	--	NA/PS	--

676	Black	Yes	No	--	30% synthetic	ND<1%	None
677	Black	Yes	No	--	30% synthetic	ND<1%	None
678	Black/Silver	Yes	No	--	30% synthetic	ND<1%	None
679	Black/Silver	Yes	No	--	30% synthetic	ND<1%	None
680	Black/Silver	Yes	No	--	30% synthetic	ND<1%	None
681	Black/Silver	Yes	No	--	30% synthetic	ND<1%	None
682	Black/Silver	Yes	No	--	30% synthetic	ND<1%	None
683	Black/Silver	Yes	No	--	30% synthetic	ND<1%	None
684	Black/Silver	Yes	No	--	30% synthetic	ND<1%	None
685	Black/Silver	Yes	No	--	30% synthetic	ND<1%	None
686	Black/Brown	Yes	No	--	30% cellulose 30% synthetic	ND<1%	None
687	Black/Brown	Yes	No	--	30% cellulose 30% synthetic	ND<1%	None
688	Light Grey	Yes	No	--	--	ND<1%	None
689	Light Grey	Yes	No	--	--	ND<1%	None
690	Beige	Yes	No	--	10% synthetic	ND<1%	None
691	Beige	Yes	No	--	10% synthetic	ND<1%	None
692	Grey	Yes	No	--	--	ND<1%	None
693	Grey	Yes	No	--	--	ND<1%	None
694	Beige	Yes	No	--	--	ND<1%	None
695	Beige	Yes	No	--	--	ND<1%	None
696	White	Yes	No	--	10% fiberglass 10% synthetic	ND<1%	None
697	White	Yes	No	--	10% fiberglass 10% synthetic	ND<1%	None
698	Black/White/Brown	Yes	No	--	10% cellulose 10% synthetic	ND<1%	None
699	Black/White/Brown	Yes	No	--	10% cellulose 10% synthetic	ND<1%	None
700	Black	Yes	No	--	--	ND<1%	None
701	Black	Yes	No	--	--	ND<1%	None
702	Black	Yes	No	--	--	ND<1%	None
703	Black	Yes	No	--	--	ND<1%	None
704	Black	Yes	No	--	10% cellulose	10%	Chrysotile
705	--	--	--	--	--	NA/PS	--
706	Dark Grey	Yes	No	--	--	ND<1%	None
707	Dark Grey	Yes	No	--	--	ND<1%	None
708	Black	Yes	No	--	--	ND<1%	None
709	Black	Yes	No	--	--	ND<1%	None

NA/PS- Not Analyzed/Positive Stop

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace- asbestos was observed at level of less than 1%

Reporting limit- asbestos present at 0.25% for 400 Point Count Method
ND- No asbestos was detected by 400 Point Count Method
Trace concentrations of asbestos are concentrations that are less than or equal 1% including samples that contain zero asbestos points out of 400 nonempty points, but did contain asbestos positively identified by PLM.

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2013. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by _____
Kathleen Williamson, Laboratory Manager

Reviewed by _____
Kathleen Williamson, Laboratory Manager
or other approved signatory

Date Issued: 11/14/12

TRC

Edition: October 2009
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21 GRIFFIN ROAD NORTH
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41531

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B Murphy Terminal, Windsor Locks, CT		PLM: 8hr, 24hr, 48hr, X 3day TEM: 24hr, 48hr, 3day, 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
594	10/26/12	1347		x	Murphy Terminal Exterior	X				X	C16 Gray flexible tacky caulk
595	10/26/12	1346		x	Murphy Terminal Exterior	X					C16 Gray flexible tacky caulk
596	10/26/12	1400		x	Murphy Terminal Exterior	X				X	C17 Black really flexible caulk
597	10/26/12	1401		x	Murphy Terminal Exterior	X					C17 Black really flexible caulk
598	10/26/12	1420		x	Murphy Terminal Exterior	X				X	C18 Beige flexible caulk
599	10/26/12	1422		x	Murphy Terminal Exterior	X					C18 Beige flexible caulk
600	10/26/12	1443		x	Murphy Terminal Exterior	X				X	C19 Tan putty caulk
601	10/26/12	1444		x	Murphy Terminal Exterior	X					C19 Tan putty caulk
602	11/1/12	1310		x	Murphy Terminal Exterior	X				X	C20 Hard brittle white caulk
603	11/1/12	1312		x	Murphy Terminal Exterior	X					C20 Hard brittle white caulk
604	11/1/12	1322		x	Murphy Terminal Exterior	X				X	C21 Dark gray wavy caulk under metal window sill (only on edge)

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	11/9/12 K Williamson			
(Printed) Gregory Kaczynski	Time: 1510	(Printed) Kathleen Williamson 1530	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

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LAB ID #. 41531

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	ConnDOT-BIA Terminal B Murphy Terminal, Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr		3day		5day

SIGNATURE

INSPECTOR: Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
605	11/1/12	1324		X	Murphy Terminal Exterior	X					C21 Dark gray wavy caulk under metal window sill (only on edge)
606	11/1/12	1422		X	Murphy Terminal Exterior	X				X	C22 Gray sticky flexible caulk
607	11/1/12	1338		X	Murphy Terminal Exterior	X					C22 Gray sticky flexible caulk
608	11/5/12	1406		X	Gr. Fl. Exterior A side	X				X	$C22_a$ Light Gray flexible caulk on concrete/floor/plant bed joints
609	11/5/12	1404		X	Gr. Fl. Exterior A side	X					$C22_a$ Light Gray flexible caulk on concrete/floor/plant bed joints
610	11/2/12	1110		X	Exterior Wicked Good Subs	X				X	C23 Stretchy light brown caulk
611	11/2/12	1111		X	Exterior Wicked Good Subs	X					C23 Stretchy light brown caulk
612	11/2/12	1123		X	Exterior Wicked Good Subs	X				X	C24 Hard semi flex gray caulk on old concrete window sills
613	11/2/12	1124		X	Exterior Wicked Good Subs	X					C24 Hard semi flex gray caulk on old concrete window sills

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	11/9/12 K Williamson			
(Printed) Gregory Kaczynski	Time: 1510	(Printed) Kathleen Williamson 1530	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: ok
Acceptable: Yes ✓ No
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41531

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr / X 3day TEM: 24hr / 48hr / 3day / 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
614	11/2/12	1138		X	Exterior Wicked Good Subs	X				X	C25 Brittle silver caulk behind metal window panels
615	11/2/12	1139		X	Exterior Wicked Good Subs	X					C25 Brittle silver caulk behind metal window panels
616	10/26/12	1351		X	Murphy Terminal Exterior	X				X	ST1 Gray cemetitious material under small pebble stucco exterior panels
617	11/5/12	1418		X	Murphy Terminal Exterior	X					ST1 Gray cemetitious material under small pebble stucco panels
618	11/2/12	0806		X	2nd fl. SPCTS 1	X				X	M4 Black residual mastic
619	11/2/12	0808		X	2nd fl. SPCTS 1	X					M4 Black residual mastic
620	11/1/12	1431		X	Murphy Terminal Exterior	X				X	PT1 Gray putty-like pipe tape on electrical conduit (5")
621	11/1/12	1432		X	Murphy Terminal Exterior	X					PT1 Gray putty-like pipe tape on electrical conduit (5")
622	11/2/12	1142		X	Area 62	X				X	C26 stretchy sticky gray caulk on AA addition

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	11/9/12			
(Printed) Gregory Kaczynski	Time: 1510	(Printed) Kathleen Williamson 1530	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: ✓
Acceptable: Yes____ No____
Comments:

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LAB ID #. 41531

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr / X 3day TEM: 24hr / 48hr / 3day / 5day

SIGNATURE	INSPECTOR
	Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
623	11/2/12	1143		X	Area 62	X					C26 stretchy sticky gray caulk on AA addition
624	11/2/12	1406		X	Gr. Fl. Exterior room 34	X				X	C27 Hard tan caulk under metal window sill
625	11/2/12	1408		X	Gr. Fl. Exterior room 34	X					C27 Hard tan caulk under metal window sill
626	11/5/12	0850		X	West roof o/s penthouse	X				X	C28 Gray brittle caulk on top of parapet
627	11/5/12	0852		X	West roof o/s penthouse	X					C28 Gray brittle caulk on top of parapet
628	11/5/12	1127		X	3rd Fl. roof	X				X	C29 Stretchy flex gray brown caulk
629	11/5/12	1128		X	3rd Fl. roof	X					C29 Stretchy flex gray brown caulk
630	11/1/12	1426		X	Murphy Terminal Exterior	X				X	PHT1 Silver tape wrap on pipe hanger
631	11/1/12	1427		X	Murphy Terminal Exterior	X					PHT1 Silver tape wrap on pipe hanger
632	11/1/12	1418		X	Murphy Terminal Exterior	X				X	TVB11 Black brittle tar vapor barrier
633	11/1/12	1419		X	Murphy Terminal Exterior	X					TVB11 Black brittle tar vapor barrier

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	K. Williamson 11/9/12			
(Printed) Gregory Kaczynski	Time: 1510	(Printed) Kathleen Williamson 1530	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: ✓
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41531

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	ConnDOT-BIA Terminal B Murphy Terminal, Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr		3day		5day

SIGNATURE	INSPECTOR
	Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
634	11/5/12	1505		x	1st Fl. Exterior south	X				X	RM1 Hard black expansion joint w/fiberglass
635	11/5/12	1505		x	1st Fl. Exterior south	X					RM1 Hard black expansion joint w/fiberglass
636	10/24/12	0848		x	2nd Fl. Room 216E	X			X		CT29 1x1 wormhole ceiling tile
637	10/24/12	0849		x	2nd Fl. Room 216E	X			X		CT29 1x1 wormhole ceiling tile
638	10/24/12	1029		x	3rd Fl. Room CC2	X				X	CB13 Brittle 6" black cove base
639	10/24/12	1030		x	3rd Fl. Room CC2	X					CB13 Brittle 6" black cove base
640	10/24/12	1029		x	3rd Fl. Room CC2	X				X	CBG7 Black cove base glue assoc. w/CB13
641	10/24/12	1030		x	3rd Fl. Room CC2	X					CBG7 Black cove base glue assoc. w/CB13
642	10/26/12	1403		x	Murphy Terminal Exterior	X				X	DWG7 White flexible window glaze in garage doors
643	10/26/12	1404		x	Murphy Terminal Exterior	X					DWG7 White flexible window glaze in garage doors
644	10/26/12	1356		x	Murphy Terminal Exterior	X				X	DWG12 Black putty window glaze

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	K. Williamson 11/9/12			
(Printed) Gregory Kaczynski	Time: 1510	(Printed) Kathleen Williamson 1530	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41531

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr / X 3day TEM: 24hr / 48hr / 3day / 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
645	10/26/12	1358		X	Murphy Terminal Exterior	X					WG12 Black putty window glaze
646	10/24/12	1020		X	3rd Fl. Room CC1	X		X		X	FT32 9x9 light gray w/black and white streaks floor tile w/black mastic
647	10/24/12	1021		X	3rd Fl. Room CC1	X		X			FT32 9x9 light gray w/black and white streaks floor tile w/black mastic
648	10/24/12	0912		X	2nd Fl. Room 216A	X				x	Fl3 Remnant roof tar flashing on concrete beam above deck
649	10/24/12	0913		X	2nd Fl. Room 216A	X					Fl3 Remnant roof tar flashing on concrete beam above deck
650	10/24/12	0844		X	2nd Fl. Room 216E	X				X	G53 Brown glue behind CT29
651	10/24/12	0845		X	2nd Fl. Room 216E	X					G53 Brown glue behind CT29
652	11/1/12	1336		X	Murphy Terminal Exterior	X				X	G54 Cream glue daubs behind ST1 Styrofoam panels
653	11/5/12	1501		X	1st Fl. Exterior south	X					G54 Cream glue daubs behind ST1 Styrofoam panels

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	K. Williamson 11/9/12			
(Printed) Gregory Kaczynski	Time: 1510	(Printed) Kathleen Williamson 1530	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

TRC

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41531

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr / X 3day TEM: 24hr / 48hr / 3day / 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
654	11/2/12	1321		x	Area 62 upper roof	X				X	G55 Sticky putty glue under metal roofing
655	11/2/12	1322		x	Area 62 upper roof	X					G55 Sticky putty glue under metal roofing
656	11/5/12	0820		x	WFSB Penthouse	X				X	G56 Dark brown glue daubs behind (paper/cork/ ACM) duct insulation on metal
657	11/5/12	0820		x	WFSB Penthouse	X					G56 Dark brown glue daubs behind (paper/cork/ ACM) duct insulation on metal
658	11/2/12	1145		x	Area 62	X				X	WG13 gray putty window glaze on AA addition
659	11/2/12	1146		x	Area 62	X					WG13 gray putty window glaze on AA addition
660	11/5/12	0830		x	WFSB Penthouse	X				X	DS9 Rust pliable duct sealant between metal seams
661	11/5/12	0831		x	WFSB Penthouse	X					DS9 Rust pliable duct sealant between metal seams
662	11/5/12	1004		x	4th FL. Roof o/s penthouse	X				X	RP1 Asphalt walking tile (2.5x4.5 ft.)
663	11/5/12	1005		x	4th FL. Roof o/s penthouse	X					RP1 Asphalt walking tile (2.5x4.5 ft.)

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	K. Williamson 11/9/12			
(Printed) Gregory Kaczynski	Time: 1510	(Printed) Kathleen Williamson 1530	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes _____ No _____
Comments:

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41531

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr / X 3day TEM: 24hr / 48hr / 3day / 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
664	11/5/12	1009		X	4th Fl. Roof	X		X		X	RF1 Tar layers/2" foam/Tar/concrete deck
665	11/5/12	1013		X	4th Fl. Roof	X		X			RF1 Tar layers/2" foam/Tar/concrete deck
666	11/5/12	1019		X	4th Fl. Roof	X		X		X	RF2 Asphalt tar/fiberglass/tar/concrete 1.5" thick
667	11/5/12	1028		X	4th Fl. Roof	X		X			RF2 Asphalt tar/fiberglass/tar/concrete 1.5" thick
668	11/5/12	1033		X	4th Fl. Roof	X		X		X	RF3 Asphalt tar/foam/tar/foam/tar/concrete 3"thick
669	11/5/12	1039		X	4th Fl. Roof	X		X			RF3 Asphalt tar/foam/tar/foam/tar/concrete 3"thick
670	11/5/12	1103		X	Murphy 3rd Fl. Roof	X		X		X	RF4 Asphalt/tar/foam/tar/foam/tar/concrete
671	11/5/12	1108		X	Murphy 3rd Fl. Roof	X		X			RF4 Asphalt/tar/foam/tar/foam/tar/concrete
672	11/5/12	1135		X	Murphy 3rd Fl. Roof	X		X		X	RF5 Asphalt/fiberglass/tar/foam/tar/metal deck 6" deep
673	11/5/12	1141		X	Murphy 3rd Fl. Roof	X		X			RF5 Asphalt/fiberglass/tar/foam/tar/metal deck 6" deep

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	11/9/12			
(Printed) Gregory Kaczynski	Time: 1510	(Printed) Kathleen Williamson 1530	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ___ No ___
Comments:

TRC

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TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41531

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	ConnDOT-BIA Terminal B Murphy Terminal, Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr		3day		5day

SIGNATURE

INSPECTOR: Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
674	11/5/12	1008		X	4th FL. Roof o/s penthouse	X				X	PEN1 Penetration tar flashing
675	11/5/12	1016		X	4th FL. Roof o/s penthouse	X					PEN1 Penetration tar flashing
676	11/5/12	1115		X	3rd Fl. Roof	X				X	PEN2 Penetration flashing tar
677	11/5/12	1118		X	3rd Fl. Roof	X					PEN2 Penetration flashing tar
678	11/5/12	1151		X	3rd Fl. Roof	X				X	PEN3 Penetration flashing tar
679	11/5/12	1153		X	3rd Fl. Roof	X					PEN3 Penetration flashing tar
680	11/5/12	1010		X	4th FL. Roof	X				X	PER1 Perimeter tar flashing
681	11/5/12	1012		X	4th FL. Roof	X					PER1 Perimeter tar flashing
682	11/5/12	1021		X	4th FL. Roof west	X				X	PER2 Perimeter roof flashing tar
683	11/5/12	1022		X	4th FL. Roof west	X					PER2 Perimeter roof flashing tar
684	11/5/12	1107		X	3rd Fl. Roof	X				X	PER3 Perimeter flashing tar

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	11/9/12			
(Printed) Gregory Kaczynski	Time: 1510	(Printed) Kathleen Williamson 1530	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples:
Acceptable: Yes ✓ No
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41531

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	ConnDOT-BIA Terminal B Murphy Terminal, Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr		3day		5day

SIGNATURE	INSPECTOR
	Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
685	11/5/12	1110		x	3rd Fl. Roof	X					PER3 Perimeter flashing tar
686	11/5/12	1154		x	3rd Fl. Roof-c	X				X	PER4 Perimeter flashing tar
687	11/5/12	1158		x	3rd Fl. Roof-c	X					PER4 Perimeter flashing tar
688	11/6/12	1133		x	1st Fl. Roof east of S.P.	X				X	DS10 light gray putty duct sealant in HVAC duct unit seams
689	11/7/12	1145		x	1st Fl. Roof north of S.P.	X					DS10 light gray putty duct sealant in HVAC duct unit seams
690	11/7/12	1120		x	1st Fl. Roof north of S.P.	X				X	DS11 Beige putty duct sealant between HVAC seams
691	11/7/12	1122		x	1st Fl. Roof north of S.P.	X					DS11 Beige putty duct sealant between HVAC seams
692	11/6/12	0846		x	3rd Fl. Exterior door	X				X	C30 Gray semi-flexible caulk (on 3rd Fl. Ext. windows)

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	K. Williamson 11/9/12			
(Printed) Gregory Kaczynski	Time: 1510	(Printed) Kathleen Williamson 1530	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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TELEPHONE (860) 298-9692
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41531

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B Murphy Terminal, Windsor Locks, CT		PLM: 8hr, 24hr, 48hr, X 3day TEM: 24hr, 48hr, 3day, 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
693	11/6/12	0847		X	3rd Fl. Exterior door	X					C30 Gray semi-flexible caulk (on 3rd Fl. Ext. windows)
694	11/6/12	1125		X	1st Fl. Roof next to S.P.	X				X	C31 Beige stretchy tacky caulk w/gray exterior
695	11/6/12	1126		X	1st Fl. Roof next to S.P.	X					C31 Beige stretchy tacky caulk w/gray exterior
696	11/6/12	1113		X	1st Fl. Roof east of S.P.	X				X	RF6 White asphalt roll-on/asphalt/cellulose insulation/tar/concrete
697	11/6/12	1115		X	1st Fl. Roof east of S.P.	X					RF6 White asphalt roll-on/asphalt/cellulose insulation/tar/concrete
698	11/7/12	1125		X	1st Fl. Roof north of S.P.	X				X	RF7 Gray roll-on/asphalt/4"-5" cellulose/tar/concrete
699	11/7/12	1128		X	1st Fl. Roof north of S.P.	X					RF7 Gray roll-on/asphalt/4"-5" cellulose/tar/concrete
700	11/6/12	0850		X	2nd Fl. Roof east over S.P.	X				X	RFL1 Flexible flashing sealant on rubber membrane roof
701	11/6/12	0851		X	2nd Fl. Roof over S.P.	X					RFL1 Flexible flashing sealant on rubber membrane roof

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	11/9/12			
(Printed) Gregory Kaczynski	Time: 1510	(Printed) Kathleen Williamson 1530	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41531

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr / X 3day TEM: 24hr / 48hr / 3day / 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
702	11/6/12	0854		x	2nd Fl. Roof over S.P.	X				X	RFL2 Roof flashing on stairwell hatch
703	11/6/12	0855		x	2nd Fl. Roof over S.P.	X					RFL2 Roof flashing on stairwell hatch
704	11/7/12	1140		x	1st Fl. Roof north of S.P.	X				X	FL4 Black flashing tar on duct
705	11/7/12	1140		x	1st Fl. Roof north of S.P.	X					FL4 Black flashing tar on duct
706	11/6/12	1130		x	1st Fl. Roof next to S.P.	X				X	PBT1 Black pitch box tar
707	11/6/12	1131		x	1st Fl. Roof next to S.P.	X					PBT1 Black pitch box tar
708	11/7/12	1200		x	1st Fl. Roof north of S.P.	X				X	RT1 Black cork-like roof (1.5x2.5 ft.)
709	11/7/12	1200		x	1st Fl. Roof north of S.P.	X					RT1 Black cork-like roof (1.5x2.5 ft.)

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/9/12	K. Williamson 11/9/12			
(Printed) Gregory Kaczynski	Time: 1510	(Printed) Kathleen Williamson 1530	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/15/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
594	41531	Grey Caulk	See COC		
596	41531	Black Caulk			
598	41531	Beige Caulk			
602	41531	White Caulk			
604	41531	Dark Grey Caulk			
606	41531	Grey Caulk			
608	41531	Light Grey Caulk			
610	41531	Light Brown Caulk			
612	41531	Grey Caulk			
616	41531	Grey			
620	41531	Grey			
622	41531	Grey Caulk			
626	41531	Grey Caulk			
628	41531	Grey Caulk			
630	41531	Silver			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/15/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
632	41531	Black Vapor Barrier	See COC		
634	41531	Black			
642	41531	White Window Glaze			
650	41531	Brown Glue			
652	41531	Cream Glue Daubs			
654	41531	Glue			
656	41531	Dark Brown Glue Daub			
660	41531	Rust Sealant			
662	41531	Black			
664	41531	Black Tar			
666	41531	Black Tar			
668	41531	Black Tar			
670	41531	Black Tar			
672	41531	Black Tar			
676	41531	Black Flashing			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/15/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
678	41531	Black Flashing	See COC		
680	41531	Black Flashing			
682	41531	Black Flashing			
684	41531	Black Flashing			
686	41531	Black Flashing			
688	41531	Light Grey Sealant			
690	41531	Beige Sealant			
692	41531	Grey Caulk			
694	41531	Beige Caulk			
696	41531	White			
698	41531	Grey			
700	41531	Black Sealant			
702	41531	Black Flashing			
706	41531	Black Tar			
708	41531	Black Roofing			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

(✓) MT

TRC

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Site: Bradley International Airport, Terminal B, Murphy Terminal, Windsor Locks, CT
Lab Log #: 41553
Project #: 183572.4445.0710
Date Received: 11/16/12
Date Analyzed: 11/20/12

RESULTS

Sample No.	Color	Homogeneous	Multi-Layered	Layer No.	Other Matrix Mat'ls	Asbestos %	Asbestos Type
710	Beige	Yes	No	--	--	ND<1%	None
711	Beige	Yes	No	--	--	ND<1%	None
712	Tan	Yes	No	--	--	3%	Chrysotile
713	--	--	--	--	--	NA/PS	--
714	Brown	Yes	No	--	--	ND<1%	None
715	Brown	Yes	No	--	--	ND<1%	None
716	White	Yes	No	--	--	3%	Chrysotile
717	--	--	--	--	--	NA/PS	--
718	White	Yes	No	--	40% synthetic	40%	Chrysotile
719	--	--	--	--	--	NA/PS	--
720	Grey-Tan	Yes	No	--	--	ND<1%	None
721	Grey-Tan	Yes	No	--	--	ND<1%	None
722	Grey	Yes	No	--	--	ND<1%	None
723	Grey	Yes	No	--	--	ND<1%	None
724	Grey	Yes	No	--	--	ND<1%	None
725	Grey	Yes	No	--	--	ND<1%	None
726	Black/White	Yes	No	--	10% fiberglass	ND<1%	None
727	Black/White	Yes	No	--	10% fiberglass	ND<1%	None

728	Black	Yes	No	--	--	ND<1%	None
729	Black	Yes	No	--	--	ND<1%	None
730	Black	Yes	No	--	--	30%	Chrysotile
731	--	--	--	--	--	NA/PS	--
732	Black	Yes	No	--	--	30%	Chrysotile
733	--	--	--	--	--	NA/PS	--

NA/PS- Not Analyzed/Positive Stop

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace- asbestos was observed at level of less than 1%
Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2013. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by _____
Kathleen Williamson, Laboratory Manager

Reviewed by _____
Kathleen Williamson, Laboratory Manager
or other approved signatory

Date Issued: 11-21-2012

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WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41553

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr / X 3day TEM: 24hr / 48hr / 3day / 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
710	11/14/12	1411		X	Exterior - host lounge 14	X				X	C32-beige brittle caulk
711	11/14/12	1417		X	Exterior - host lounge 14	X					C32-beige brittle caulk
712	11/14/12	1418		X	Exterior - host lounge 14	X				X	C33-tan brittle (w/ greyish exterior) caulk
713	11/14/12	1419		X	Exterior - host lounge 14	X					C33-tan brittle (w/ greyish exterior) caulk
714	11/14/12	1410		X	Exterior - host lounge 14	X				X	WG14-brown soft crumbly window glaze
715	11/14/12	1422		X	Exterior - host lounge 14	X					WG14-brown soft crumbly window glaze
716	11/14/12	1419		X	Exterior - host lounge 14	X				X	WG15-white brittle replacement glaze
717	11/14/12	1420		X	Exterior - host lounge 14	X					WG15-white brittle replacement glaze
718	11/14/12	1420		X	Exterior - host lounge 14	X					WRG1-white rope gasket behind metal frame
719	11/14/12	1420		X	Exterior - host lounge 14	X					WRG1-white rope gasket behind metal frame
720	11/15/12	0905		X	1st floor roof – North of SP	X				X	G57-greyish tan brittle glue globs on wire fence

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/16/12	K. Williamson 11/16/12			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Kathleen Williamson 1600	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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LAB ID #. 41553

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA Terminal B Murphy Terminal, Windsor Locks, CT		PLM: 8hr / 24hr / 48hr / X 3day TEM: 24hr / 48hr / 3day / 5day

SIGNATURE

INSPECTOR: Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
721	11/15/12	0906		X	1st floor roof – North of SP	X					G57-greyish tan brittle glue globs on wire fence
722	11/15/12	0910		X	1st floor roof – North of SP	X				X	DS12-grey brittle sealant on duct exterior
723	11/15/12	0911		X	1st floor roof – North of SP	X					DS12-grey brittle sealant on duct exterior
724	11/15/12	1005		X	1st floor roof – NW of SP	X				X	DS13-grey putty duct sealant in seams
725	11/15/12	1006		X	1st floor roof – NW of SP	X					DS13-grey putty duct sealant in seams
726	11/15/12	0935		X	1st floor roof – NW of SP	X				X	RF8-white asphalt roll-on/asphalt/cellulose/asphalt/tar
727	11/15/12	0920		X	1st floor roof – NW of SP	X					RF8-white asphalt roll-on/asphalt/cellulose/asphalt/tar
728	11/15/12	1009		X	1st floor roof – NW of SP	X				X	FL5-perimeter/penetration flashing tar (bottom layer)
729	11/15/12	1010		X	1st floor roof – NW of SP	X					FL5-perimeter/penetration flashing tar (bottom layer)
730	11/15/12	0957		X	1st floor roof – NW of SP	X				X	FL6-black flashing tar on metal duct vents into roof

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/16/12	11/16/12 K. Williamson			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Kathleen Williamson 1600	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples OK
Acceptable: Yes ✓ No ____
Comments:

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WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41553

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	ConnDOT-BIA Terminal B Murphy Terminal, Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr		3day		5day
SIGNATURE	INSPECTOR Gregory Kaczynski									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
731	11/15/12	1005		X	1st floor roof – NW of SP	X					FL6-black flashing tar on metal duct vents into roof
732	11/15/12	1010		X	Exterior 2nd floor North of SP	X				X	TVB12-tar vapor barrier above upper metal window lentils
733	11/15/12	1015		X	Exterior 2nd floor North of SP	X					TVB12-tar vapor barrier above upper metal window lentils

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/16/12	11/16/12			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Kathleen Williamson 1600	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No
Comments:

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/26/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
710	41553	Caulk	See COC		
714	41553	Glaze			
720	41553	Glue Globs			
722	41553	Sealant			
724	41553	Sealant			
726	41553	Roofing			
728	41553	Flashing Tar			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

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Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Site: BIA, Terminal B, Murphy Terminal, Windsor Locks, CT
Lab Log #: 41664
Project #: 183572.0445.0710
Date Received: 12/21/12
Date Analyzed: 12/22/12

RESULTS

Sample No.	Color	Homogeneous	Multi-Layered	Layer No.	Other Matrix Mat'ls	Asbestos %	Asbestos Type
734	Black	Yes	No	--	10% fiberglass	ND<1%	None
735	Black	Yes	No	--	10% fiberglass	ND<1%	None
736	Grey	Yes	No	--	--	ND<1%	None
737	Grey	Yes	No	--	--	ND<1%	None
738	Beige	Yes	No	--	--	ND<1%	None
739	Beige	Yes	No	--	--	ND<1%	None
740	White/Pink	Yes	No	--	--	ND<1%	None
741	White/Pink	Yes	No	--	--	ND<1%	None
742	Dark Brown	Yes	No	--	--	ND<1%	None
743	Dark Brown	Yes	No	--	--	ND<1%	None
744	Tan	Yes	No	--	--	3%	Chrysotile
745	--	--	--	--	--	NA/PS	--
746	Dark Brown	Yes	No	--	--	ND<1%	None
747	Dark Brown	Yes	No	--	--	ND<1%	None
748	Grey	Yes	No	--	--	3%	Chrysotile
749	--	--	--	--	--	NA/PS	--
750	Silver	Yes	No	--	--	ND<1%	None
751	Silver	Yes	No	--	--	ND<1%	None
752	Grey	Yes	No	--	--	ND<1%	None
753	Grey	Yes	No	--	--	ND<1%	None

754	Black	Yes	No	--	--	ND<1%	None
755	Black	Yes	No	--	--	ND<1%	None
756	White	Yes	No	--	20% cellulose	ND<1%	None
757	White	Yes	No	--	20% cellulose	ND<1%	None
758	White	Yes	No	--	--	ND<1%	None
759	White	Yes	No	--	--	ND<1%	None
760	Brown	Yes	No	--	40% mineral wool	40%	Amosite
761	Brown	Yes	No	--	40% mineral wool	40%	Amosite
762	Brown	Yes	No	--	40% mineral wool	30%	Amosite
763	Brown	Yes	No	--	40% mineral wool	40%	Amosite
764	Brown	Yes	No	--	20% mineral wool	60%	Amosite
765	Brown	Yes	No	--	40% mineral wool	30%	Amosite
766	Brown	Yes	No	--	10% mineral wool	80%	Amosite
767	Brown	Yes	No	--	30% mineral wool	60%	Amosite
768	Brown	Yes	No	--	40% mineral wool	40%	Amosite
769	Brown	Yes	No	--	20% mineral wool	60%	Amosite

NA/PS- Not Analyzed/Positive Stop

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace- asbestos was observed at level of less than 1%

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2013. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

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Analyzed by _____
Kathleen Williamson, Laboratory Manager

Reviewed by _____
Kathleen Williamson, Laboratory Manager
or other approved signatory

Date Issued: 12/24/12

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41664

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572-0445-00710	BIA – Terminal B-Murphy Terminal Windsor Locks, CT		PLM: 8hr / 24hr / 48hr / X 3day TEM: 24hr / 48hr / 3day / 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
734	12/10/12	1115		X	2nd floor North roof (on 3rd flr window sills)	X				X	FL7-black flashing tar remnants on window sills
735	12/10/12	1110		X	2nd floor North roof (on 3rd flr window sills)	X					FL7-black flashing tar remnants on window sills
736	12/5/12	0902		X	Exterior 1st floor – escalator platform	X				X	C22A-grey slightly flexible caulk
737	12/5/12	0904		X	Exterior 1st floor – escalator platform	X					C22A-grey slightly flexible caulk
738	12/5/12	0858		X	Exterior 1st floor south side	X				X	C22B-beige tacky flexible caulk
739	12/5/12	0859		X	Exterior 1st floor south side	X					C22B-beige tacky flexible caulk
740	12/11/12	1345		X	1st floor roof – North of SP (metal window sills)	X				X	C31A-white flexible (pink interior) caulk
741	12/11/12	1346		X	1st floor roof – North of SP (metal window sills)	X					C31A-white flexible (pink interior) caulk

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	12/21/12	12/21/12			
(Printed) Gregory Kaczynski	Time: 1145	(Printed) Kathleen Williamson 1300	(Printed)	Time:	(Printed)

Remarks: For #'s 760-769, analyze all residual spray-ons –NO positive stop.

Condition of Samples: ✓
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41664

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572-0445-00710	BIA – Terminal B-Murphy Terminal Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr		3day		5day

SIGNATURE

INSPECTOR: Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
742	12/13/12	1335		X	Exterior – 1st floor south	X				X	C34-dark brown tacky flexible caulk
743	12/13/12	1335		X	Exterior – 1st floor south	X					C34-dark brown tacky flexible caulk
744	12/5/12	1321		X	3rd floor roof	X				X	C35-Tan brittle caulk in parapet joints
745	12/5/12	1333		X	3rd floor roof	X					C35-Tan brittle caulk in parapet joints
746	12/11/12	1115		X	Exterior – 1st floor windows outside 20/30's office area	X				X	C37-dark brown hard caulk
747	12/11/12	1116		X	Exterior – 1st floor windows outside 20/30's office area	X					C37-dark brown hard caulk
748	12/10/12	1350		X	3rd floor –Rm 80A	X				X	WG5A-hard grey window glaze (thick on interior)
749	12/10/12	1350		X	3rd floor –Rm 80A	X					WG5A-hard grey window glaze (thick on interior)
750	12/11/12	1510		X	2nd floor – conference room 1	X				X	WG16-silver slightly flexible window glaze
751	12/11/12	1505		X	2nd floor - skylounge	X					WG16-silver slightly flexible window glaze

Relinquished by: (Signature)	Date:	Received by: (Signature) 12/21/12	Relinquished by: (Signature)	Date:	Received by: (Signature)
(Printed) Gregory Kaczynski	Time: 1145	(Printed) Kathleen Williamson 1300	(Printed)	Time:	(Printed)

Remarks: For #'s 760-769, analyze all residual spray-ons –NO positive stop.

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

TRC

Edition: October 2009
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41664

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572-0445-00710	BIA – Terminal B-Murphy Terminal Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr		3day		5day

SIGNATURE

INSPECTOR: Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
752	12/14/12	0905		X	2nd floor – South Roof (small)	X			X		RSC1-soft concrete
753	12/14/12	0906		X	2nd floor – South Roof (small)	X			X		RSC1-soft concrete
754	12/14/12	0900		X	2nd floor – South Roof (small)	X				X	RF9-tar roofing layer
755	12/14/12	0908		X	2nd floor – South Roof (small)	X					RF9-tar roofing layer
756	12/14/12	1210		X	3rd floor hall	X			X		FD4-fire door insulation (wood doors)
757	12/14/12	1210		X	3rd floor hall	X			X		FD4-fire door insulation (wood doors)
758	12/14/12	0752		X	Exterior – 1st floor – wicked subs window	X				X	C36-thin beads of white flexible caulk
759	12/14/12	0753		X	Exterior – 1st floor – wicked subs window	X					C36-thin beads of white flexible caulk
760	12/18/12	1000		X	Ground floor – delta baggage claim area	X					Old residual spray-on (deck seam)

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	12/21/12	12/21/12			
(Printed) Gregory Kaczynski	Time: 1145	(Printed) Kathleen Williamson 1300	(Printed)	Time:	(Printed)

Remarks: For #'s 760-769, analyze all residual spray-ons –NO positive stop.

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41604

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572-0445-00710	BIA – Terminal B-Murphy Terminal Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr		3day		5day

SIGNATURE

INSPECTOR: Gregory Kaczynski

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
761	12/18/12	1115		X	Concourse A - 1st floor – security lobby	X					Old residual spray-on (deck seam)
762	12/18/12	1140		X	Concourse A - Ground – Entrance area	X					Old residual spray-on (I-beam)
763	12/19/12	0900		X	1st floor – Sam Adams	X					Old residual spray-on (deck seam)
764	12/19/12	0840		X	1st floor – Sam Adams	X					Old residual spray-on (wall)
765	12/19/12	1300		X	1st floor – storage next to paradies	X					Old residual spray-on (on electrical equipment)
766	12/19/12	1123		X	Ground floor – baggage corridor	X					Old residual spray-on (I-beam)
767	12/19/12	1130		X	Ground floor – baggage corridor	X					Old residual spray-on (Bus duct)
768	12/19/12	1340		X	1st floor – boy's bathroom	X					Old residual spray-on (deck seam above I-beam)
769	12/20/12	0944		X	2nd floor - host kitchen	X					Old residual spray-on (deck seam above I-beam)

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	12/21/12	12/21/12			
(Printed) Gregory Kaczynski	Time: 1145	(Printed) Kathleen Williamson 1300	(Printed)	Time:	(Printed)

Remarks: For #'s 760-769, analyze all residual spray-ons –NO positive stop.

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 12/24/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.0445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B- Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
734	41664	Flashing Tar	See COC		
736	41664	Caulk			
738	41664	Caulk			
740	41664	Caulk			
742	41664	Caulk			
746	41664	Caulk			
750	41664	Glaze			
754	41664	Tar			
758	41664	Caulk			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

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TRC
Results you can rely on

BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Lab Log #: 0042907
Project #: 183572.4445.0710
Date Received: 09/17/2013
Date Analyzed: 09/20/2013

Site: Bradley International Airport, Murphy Terminal, Windsor Locks, CT

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
1	Black	Yes	No	- -	80%	cellulose	ND<1%	None
2	Black	Yes	No	- -	80%	cellulose	ND<1%	None
3	Black	Yes	No	- -		- - -	20%	Chrysotile
4	- -	- -	- -	- -		- -	NA/PS	- -
5	Black	Yes	No	- -	3%	cellulose	20%	Chrysotile
6	- -	- -	- -	- -		- -	NA/PS	- -
7	Black	Yes	No	- -	3%	cellulose	20%	Chrysotile
8	- -	- -	- -	- -		- -	NA/PS	- -
9	Black	Yes	No	- -	5%	cellulose	30%	Chrysotile
10	- -	- -	- -	- -		- -	NA/PS	- -
11	Black	Yes	No	- -	5%	cellulose	30%	Chrysotile
12	- -	- -	- -	- -		- -	NA/PS	- -
13	Black	Yes	No	- -	3%	cellulose	30%	Chrysotile
14	- -	- -	- -	- -		- -	NA/PS	- -
15	Black	Yes	No	- -	3%	cellulose	30%	Chrysotile
16	- -	- -	- -	- -		- -	NA/PS	- -
17	Black	Yes	No	- -	5%	cellulose	30%	Chrysotile
18	- -	- -	- -	- -		- -	NA/PS	- -

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Windsor, CT 06095
(860) 298-6308

TRC
Results you can rely on

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
19	Black	Yes	No	- -	5%	cellulose	30%	Chrysotile
20	- -	- -	- -	- -		- -	NA/PS	- -

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2014. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

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Analyzed by: Amanda Parkins, Laboratory Analyst

Reviewed by: Kathleen Williamson, Laboratory Manager

Date Issued 09/20/2013

TRC

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 42907

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA - Murphy Terminal Wall Inspection

SIGNATURE	INSPECTOR
[signature]	Mike Kostrubs

TURNAROUND TIME								
PLM:		8hr		24hr		48hr		3day
TEM:		24hr	X	48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
1	9/6/13	1005		X	Loc#6 - Airside, o/s Rm 67	X					CF1 - Copper Flashing with tarry cloth coating
2		0832			Loc#4, Airside, o/s Rm 69A	X				X	CF1 - " "
3		1202			Loc#11, Airside, o/s Hallway Rm 38	X					CF2 - Copper Flashing with tar coating
4		1201			Loc#11, Airside, o/s Hallway Rm 38	X				X	CF2 " "
5		1102			Loc#13, GRFLR, Rm 69A	X					WVB1 - Black, tar like, Fibrous Wall Vapor Barrier
6		1111			Loc#8, GRFLR, Rm 69	X				X	WVB1 - " "
7		1354			Loc#15 GRFLR - Rm 68	X					WVB2 - Black, tar like, Fibrous Wall Vapor Barrier
8		1355			Loc#15 GRFLR - Rm 68	X				X	WVB2 - " "
9	9/9/13	0936			Loc#26, BSMT, o/s Boiler Rm	X					WVB3 - Black tar like Fibrous Wall Vapor Barrier
10		0941			Loc#26, BSMT, o/s Boiler Rm	X				X	WVB3 - " "
11		1102			Loc#27, Pub Side, 1st FLR, West End	X					WVB4 - Black tar like Fibrous Wall Vapor Barrier

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	9/12/13	[signature] 9/12/13			
(Printed) Mike Kostrubs	Time: 1545	(Printed) J Williamson 1700	(Printed)	Time:	(Printed)

Remarks: Send Results to Greg Kaczynski.

Condition of Samples: ok
Acceptable: Yes ____ No ____
Comments:

TRC

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 42907

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BIA- Murphy Terminal

SIGNATURE	INSPECTOR
[signature]	Mike Kostrubs

TURNAROUND TIME								
PLM:		8hr		24hr		48hr		3day
TEM:		24hr	X	48hr		3day		5day

PARAMETERS

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
12	9/9/13	1103		X	Loc#27, Airside, 1st Flr, ~~[illegible]~~ Lyoten	X				X	WVB4 - Black tar like Fibrous Wall Vapor Barrier
13					Loc#32 - 1st Flr - o/s rm 162A	X					WVB5 - Black tar like Fibrous Wall Vapor Barrier
14					Loc#36 1st Flr - o/s rm 31	X				X	WVB5 - " "
15	9/10/13				Loc#46 - Airside, o/s stairwell	X					WVB6 - Black tar like Fibrous Wall Vapor Barrier
16					Loc#47 - Airside, o/s Stairwell	X				X	WVB6 - " "
17					Loc#42 - 3rd Flr - ~~Airside, o/s Stair~~	X					WVB7 - Black tar like Fibrous Wall Vapor Barrier.
18					Loc#40 - 3rd Flr - FAA	X				X	WVB7 - " "
19					Loc#44 - 4th Flr - Northwall	X					WVB8 - Black tar like Fibrous Wall Vapor Barrier.
20					Loc#44 - 4th Flr - Northwall	X				X	WVB8 - " "
~~21~~ mk						X					
~~22~~ mk						X					

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	9/12/13	[signature] 9/17/13			
(Printed) Mike Kostrubs	Time: 1545	(Printed) 1700 [signature]	(Printed)	Time:	(Printed)

Remarks: Send Results to G. Kaczynski

Condition of Samples: OK
Acceptable: Yes ____ No ____
Comments:

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 09/20/13

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC
Client Job#: 183572.4445.0710
Client Job Ref./Loc.: CT DOT – BIA – Murphy Terminal, Wall Inspection
Relinquished by: A. Parkins – AParkins@trcsolutions.com
Received by:
Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com
Samplers Name: M. Kostruba

Turn Around Time: <12 Hour **<24 Hour** <48 Hour <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
2	42907	Flashing w/tarry cloth	See COC		

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

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BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Lab Log #: 0042916
Project #: 183572.4445.0710
Date Received: 09/18/2013
Date Analyzed: 09/20/2013

Site: Bradley International Airport, Murphy Terminal, Windsor Locks, CT

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
1	Brown	Yes	No	- -	- - -	ND<1%	None
2	Brown	Yes	No	- -	- - -	ND<1%	None
3	Brown	Yes	No	- -	- - -	ND<1%	None
4	Brown	Yes	No	- -	- - -	ND<1%	None
5	Black	Yes	No	- -	5% fibrous glass	ND<1%	None
6	Black	Yes	No	- -	5% fibrous glass	ND<1%	None
7	Grey	Yes	No	- -	- - -	80%	Chrysotile
8	- -	- -	- -	- -	- -	NA/PS	- -
9	Black (mastic)	No	Yes	1	- - -	ND<1%	None
9	Grey (tile)	No	Yes	2	- - -	10%	Chrysotile
10	Black (mastic)	No	Yes	1	- - -	ND<1%	None
10	- -	- -	- -	- -	- -	NA/PS	- -
11	Black	Yes	No	- -	- - -	5%	Chrysotile
12	- -	- -	- -	- -	- -	NA/PS	- -
13	Black	Yes	No	- -	- - -	5%	Chrysotile
14	- -	- -	- -	- -	- -	NA/PS	- -
15	Dark Yellow (glue)	No	Yes	1	- - -	ND<1%	None
15	Brown (tile)	No	Yes	2	- - -	3%	Chrysotile

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POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
16	Dark Yellow (glue)	No	Yes	1	- - -	ND<1%	None
16	- -	- -	- -	- -	- -	NA/PS	- -
17	Black	Yes	No	- -	- - -	10%	Chrysotile
18	- -	- -	- -	- -	- -	NA/PS	- -
19	Black	Yes	No	- -	- - -	20%	Chrysotile
20	- -	- -	- -	- -	- -	NA/PS	- -
21	Black	Yes	No	- -	10% synthetic fiber	ND<1%	None
22	Black	Yes	No	- -	10% synthetic fiber	ND<1%	None
23	Tan (concrete)	No	Yes	1	- - -	ND<1%	None
23	Black (roofing)	No	Yes	2	- - -	ND<1%	None
24	Tan (concrete)	No	Yes	1	- - -	ND<1%	None
24	Black (roofing)	No	Yes	2	- - -	ND<1%	None

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2014. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

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Analyzed by: K. Williamson
Kathleen Williamson, Laboratory Manager

Reviewed by: Amanda Parkins
Amanda Parkins, Approved Signatory

Date Issued
09/20/2013

TRC

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 42916

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0010	BIA - Murphy Terminal		PLM: 8hr 24hr 48hr 3day TEM: 24hr ✗ 48hr 3day 5day
SIGNATURE	INSPECTOR		
[signature]	Mike Kostuk, Greg Kacenski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
1	9/2/13	1155		X	RM23 Tunnel entrance	X					Tunnel Debris on Tunnel Floor
2	9/3/13	0935			RM13A Tunnel entrance						" "
3		1330			RM24 Tunnel entrance						" "
4		1000			RM1A - Tunnel entrance						" "
5		1200			RM23 - Tunnel Entrance						CP1 - Black Tar/Rubber Corner Patch material (near Hatch inside tunnel)
6		1200			" "					X	" CP2 "
7		0925			RM13A - Tunnel entrance						ACD1 - Arrell Debris on tunnel Floor
8		0925			" "						ACD2 - " "
9	9/14/13	1530			1st Flr, Rubbermaid B, Ticket Area			X			- Grey 9"x9" Floor tile with Black mastic
10		1572			" "			X		X	" "
11		1300			RM3A - Ground Flr						RSM1 - Residual Black mastic.

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	9/18/13	[signature] 9/18/13			
(Printed) Mike Kostuk	Time: 1145	(Printed) 1600 [signature]	(Printed)	Time:	(Printed)

Remarks: Send Results to G. Kacenski

Condition of Samples: ✓
Acceptable: Yes ✓ No
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 42916

PROJECT NUMBER	PROJECT NAME
185572.4445.0710	BFA - Murphy Terminal

SIGNATURE	INSPECTOR
	Mike Kotrubs, Greg Kaczynski

TURNAROUND TIME								
PLM:		8hr		24hr		48hr		3day
TEM:		24hr	X	48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
12	9/14/13	1302		X	RM3A, Ground Flr	X				X	RBM1 - Residual Black Mastic
13	9/5/13	1546			RM201 - State Police						RBM2 - Residual Black Mastic
14		1548			RM201 State Police					X	RBM2 - " "
15	9/14/13	1600			RM5C1 - Gr Flr			X			12"x12" Floor tile w/ brown streaks and tan/ive.
16		1600			" "			X		X	" "
17	9/11/13	1155			Roof outside Hot/Elevator			X			FL1 - Permit Flashing - 2 layers (Rollon/tar black)
18		1150			" "			X		X	FL1 - " "
19		1152			" "						FL2 - Flashing inside Pitcher box Supply
20		1155			" "					X	FL2 - " "
21		1145			" "			X			FL3 - Penetration Flashing - 2 layers (Rollon/tar)
22		1149			" "			X		X	FL3 - " "

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	9/18/13	9/18/13			
(Printed) Mike Kotrubs	Time: 1145	(Printed) 1600	(Printed)	Time:	(Printed)

Remarks: Same

Condition of Samples: a
Acceptable: Yes ✓ No ____
Comments:

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 42916

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BFA - Murphy Terminal

SIGNATURE	INSPECTOR
[signature]	Mike Kostiuks, Greg Kaczynski

PARAMETERS

TURNAROUND TIME

PLM:		8hr		24hr		48hr		3day
TEM:		24hr	X	48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
23	9/11/13	1205		X	Roof outside Hot 14 Lane	X		X			RFI - Rolled Roofing w/ 2 layers of tar and Bottom possible material
24		1200			" "			X		X	RFI " "

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	9/18/13	[signature] 9/18/13			
(Printed) Mike Kostiuks	Time: 1145	(Printed) 1600 [signature]	(Printed)	Time:	(Printed)

Remarks: Send Results to G. Kaczynski

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 09/20/13

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT – BIA-Murphy Terminal

Relinquished by: K. Williamson - KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: M. Kostruba

Turn Around Time: <12 Hour <24 Hour **<48 Hour** <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
6	42916	Tar	See COC		
10	42916	Mastic only			
16	42916	Glue only			
22	42916	Flashing			
24	42916	Roofing			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

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BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Lab Log #: 0043046
Project #: 183572.4445.0710
Date Received: 10/18/2013
Date Analyzed: 10/18/2013

Site: BIA, Murphy Terminal, Windsor Locks, CT

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
01	Grey	Yes	No	- -	1%	cellulose	ND<1%	None
02	Grey	Yes	No	- -	1%	cellulose	ND<1%	None
03	Black	Yes	No	- -		- - -	5%	Chrysotile
04	- -	- -	- -	- -		- -	NA/PS	- -
05	Black	Yes	No	- -		- - -	5%	Chrysotile
06	- -	- -	- -	- -		- -	NA/PS	- -

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2014. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

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Analyzed by: K. Williamson
Kathleen Williamson, Laboratory Manager

Reviewed by: Amanda Parkins
Amanda Parkins, Approved Signatory

Date Issued
10/18/2013

TRC

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 43046

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA-Murphy Terminal Windsor Locks, CT		PLM: 8hr X 24hr 48hr 3day TEM: X 24hr 48hr 3day 5day
SIGNATURE	INSPECTOR: Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
01	10/17/13	1242		X	Ground floor - public concourse A	X				X	WG1A-grey putty window glaze
02	10/17/13	1240		X	Ground floor - public concourse A	X					WG1A-grey putty window glaze
03	10/17/13	1254		X	2nd floor – airport ops 3	X				X	WG12-black putty window glaze
04	10/17/13	1250		X	2nd floor – airport admin 2	X					WG12-black putty window glaze
05	10/17/13	1304		X	Ground floor – exterior of room 3B	X				X	WG12A-black putty window glaze
06	10/17/13	1303		X	Ground floor – exterior of room 3B	X					WG12A-black putty window glaze

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/17/13	10/18/13			
(Printed) Gregory Kaczynski	Time: 1655	(Printed) 0700	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: ✓
Acceptable: Yes ✓ No
Comments:

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 10/18/13

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC
Client Job#: 183572.4445.0720
Client Job Ref./Loc.: CT DOT – BIA- Murphy Terminal, Windsor Locks, CT
Relinquished by: K. Williamson- KWilliamson@trcsolutions.com
Received by:
Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com
Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour **<24 Hour** <48 Hour <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
01	43046	Glaze	See COC		

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

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BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Lab Log #: 0042917
Project #: 183572.4445.0710
Date Received: 09/18/2013
Date Analyzed: 09/19/2013

Site: Bradley International Airport, Exterior/Ramp, Windsor Locks, CT

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
1	Black	Yes	No	- -		- - -	ND<1%	None
2	Black	Yes	No	- -		- - -	ND<1%	None
3	Grey	Yes	No	- -		- - -	ND<1%	None
4	Grey	Yes	No	- -		- - -	ND<1%	None
5	Grey	Yes	No	- -	95%	cellulose	ND<1%	None
6	Grey	Yes	No	- -	95%	cellulose	ND<1%	None
7	Black	Yes	No	- -	10%	cellulose	ND<1%	None
8	Black	Yes	No	- -	10%	cellulose	ND<1%	None

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2014. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2014. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

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Analyzed by: K. Williamson — Kathleen Williamson, Laboratory Manager

Reviewed by: Amanda Parkins — Amanda Parkins, Approved Signatory

Date Issued 09/20/2013

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 42917

PROJECT NUMBER: 183522.4445.0010

PROJECT NAME: BFA-Exterior/Ramp

SIGNATURE:

INSPECTOR: Mike Kostuba, Greg Kaczynski,

PARAMETERS

TURNAROUND TIME

PLM:		8hr		24hr		48hr		3day
TEM:		24hr	X	48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
1	9/5/13	1520		X	Exterior-East of IAB-Ramp	X					RRS1-Black Rubber like Material on Ramp
2	9/5/13	1521			" "					X	RRS1-" "
3	9/5/13	1430			Exterior, Ramp-East of MT						RGG1-Gray glue/grout Material under Ramp
4	9/5/13	1520			Exterior, 1st Flr Ramp, East of IAB					X	RGG1 " "
5	9/5/13	1506			Exterior, Grand IAB-middle sidewalk						RSW1-Gray Fiber board sidewalk Insulation
6	9/5/13	1505			Exterior Grand IAB middle side ~~outside~~ walk						SW1-" "
7	9/5/13	1510			Abutment-Exterior-Wear Sheet/connector						RDM1-Black Road Drain Material
8	9/5/13	1510			" "					X	RDM1 " "

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	9/18/13	9/18/13			
(Printed) Mike Kostuba	Time: 1005	(Printed) 1600 Williamson	(Printed)	Time:	(Printed)

Remarks: Send Results to G. Kaczynski,

Condition of Samples: OK
Acceptable: Yes ____ No ____
Comments:

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 09/20/13

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT – BIA-Exterior Ramp

Relinquished by: K. Williamson - KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: M. Kostruba

Turn Around Time: <12 Hour <24 Hour **<48 Hour** <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
2	42917	Rubber	See COC		
4	42917	Glue			
8	42917	Drain Material			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

APPENDIX E

ASBESTOS TEM LABORATORY ANALYSIS DATA AND CHAINS OF CUSTODY

Concourse A

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

October 12, 2012

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Aimee L Cormier

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 13504 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT - BIA, Terminal B, Concourse A
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Wobum, Massachusetts 01801
781-935-3212 – Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, Concourse A
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: NT 13504
Method: NOB
Date Received: 10/9/2012
Date Analyzed: 10/15/2012
Date of Report: 10/12/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102404	37G	Glue		.1281	.00	.00	.00	.00	.00	.00	9.99	40.83	49.18	ND	Yes	No
NT102405	37	Cove Base		.2029	.00	.00	.00	.00	.00	.00	61.36	33.32	5.32	ND	Yes	No
NT102406	39G	Glue		.2870	.00	.00	.00	.00	.00	.00	50.70	43.03	6.27	ND	Yes	No
NT102407	39	Cove Base		.1509	.00	.00	.00	.00	.00	.00	22.13	51.49	26.38	ND	Yes	No
NT102408	41G	Glue		.1104	.00	.00	.00	.00	.00	.00	51.45	46.29	2.26	ND	Yes	No
NT102409	41	Cove Base		.1104	.00	.00	.00	.00	.00	.00	1.27	53.71	45.02	ND	Yes	No
NT102410	43G	Glue		.0900	.00	.00	.00	.00	.00	.00	32.66	49.67	17.67	ND	Yes	No
NT102411	43	Cove Base		.2205	.00	.00	.00	.00	.00	.00	2.91	37.14	59.95	ND	Yes	No
NT102412	45G	Glue		.1986	.00	.00	.00	.00	.00	.00	12.99	39.68	47.33	ND	Yes	No
NT102413	45	Cove Base		.1841	.00	.00	.00	.00	.00	.00	2.07	65.18	32.75	ND	Yes	No
NT102414	47G	Glue		.1116	.00	.00	.00	.00	.00	.00	23.03	36.47	40.50	ND	Yes	No
NT102415	47	Cove Base		.2193	.00	.00	.00	.00	.00	.00	3.46	56.09	40.45	ND	Yes	No
NT102416	49G	Glue		.0487	.00	.00	.00	.00	.00	.00	19.51	70.02	10.47	ND	Yes	No
NT102417	49	Cove Base		.2251	.00	.00	.00	.00	.00	.00	1.51	29.94	68.55	ND	Yes	No
NT102418	51G	Glue		.1234	.00	.00	.00	.00	.00	.00	46.19	45.54	8.27	ND	Yes	No

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, Concourse A
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 13504**
Method: NOB
Date Received: 10/9/2012
Date Analyzed: 10/15/2012
Date of Report: 10/12/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102419	51	Cove Base		.2874	.00	.00	.00	.00	.00	.00	43.49	51.43	5.08	ND	Yes	No
NT102420	53G	Glue		.2061	.00	.00	.00	.00	.00	.00	40.13	56.62	3.25	ND	Yes	No
NT102421	53	Cove Base		.1777	.00	.00	.00	.00	.00	.00	.95	53.24	45.81	ND	Yes	No
NT102422	55G	Glue		.1521	.00	.00	.00	.00	.00	.00	53.45	43.72	2.83	ND	Yes	No
NT102423	55	Cove Base		.2376	.00	.00	.00	.00	.00	.00	.88	53.83	45.29	ND	Yes	No
NT102424	57G	Glue		.3279	.00	.00	.00	.00	.00	.00	25.65	65.69	8.66	ND	Yes	No
NT102425	57	Cove Base		.3588	.00	.00	.00	.00	.00	.00	4.46	31.38	64.16	ND	Yes	No
NT102426	59G	Glue		.2008	.00	.00	.00	.00	.00	.00	24.25	72.31	3.44	ND	Yes	No
NT102427	59	Cove Base		.2503	.00	.00	.00	.00	.00	.00	.68	36.24	63.08	ND	Yes	No
NT102428	77	Tile		.6594	.00	.00	.00	.00	.00	.00	10.64	16.61	72.75	ND	Yes	No
NT102429	81	Tile		.3586	.00	.00	.00	.00	.00	.00	8.70	15.53	75.77	ND	Yes	No
NT102430	83M	Mastic		.1075	.00	.00	.00	.00	.00	.00	35.72	53.02	11.26	ND	Yes	No
NT102431	83	Tile		.3260	.18	.00	.00	.00	.00	.00	.89	16.41	82.70	TR	Yes	No
NT102432	85	Mastic		.0227	.00	.00	.00	.00	.00	.00	55.51	42.73	1.76	ND	Yes	No
NT102433	87M	Mastic		.1261	.00	.00	.00	.00	.00	.00	18.24	54.88	26.88	ND	Yes	No

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, Concourse A
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 13504**
Method: NOB
Date Received: 10/9/2012
Date Analyzed: 10/15/2012
Date of Report: 10/12/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102434	87	Tile		.3810	.00	.00	.00	.00	.00	.00	18.00	16.46	65.54	**ND**	Yes	No
NT102435	89	Tile		.5231	.00	.00	.00	.00	.00	.00	8.56	14.72	76.72	**ND**	Yes	No
NT102436	91M	Mastic		.0570	2.93	.00	.00	.00	.00	.00	26.37	57.02	13.68	**2.93**	Yes	No
NT102437	91	Tile		.3988	.00	.00	.00	.00	.00	.00	19.51	39.02	41.47	**ND**	Yes	No
NT102438	93	Glue		.1308	.00	.00	.00	.00	.00	.00	44.72	44.88	10.40	**ND**	Yes	No
NT102439	95	Glue		.1332	.00	.00	.00	.00	.00	.00	47.83	43.54	8.63	**ND**	Yes	No
NT102440	97	Glue		.3108	.00	.00	.00	.00	.00	.00	5.21	30.86	63.93	**ND**	Yes	No
NT102441	101	Glue		.1916	.00	.00	.00	.00	.00	.00	1.41	29.80	68.79	**ND**	Yes	No
NT102442	103	Glue		.0320	4.53	.00	.00	.00	.00	.00	4.53	41.56	49.38	**4.53**	Yes	No
NT102443	105	Glue		.2367	.00	.00	.00	.00	.00	.00	9.04	34.05	56.91	**ND**	Yes	No
NT102444	107	Glue		.3787	.00	.00	.00	.00	.00	.00	64.70	25.53	9.77	**ND**	Yes	No
NT102445	109	Mastic		.1002	6.62	.00	.00	.00	.00	.00	15.43	55.59	22.36	**6.62**	Yes	No
NT102446	111	Glue		.1698	.00	.00	.00	.00	.00	.00	9.07	79.09	11.84	**ND**	Yes	No
NT102447	113	Glue		.0432	.00	.00	.00	.00	.00	.00	33.57	48.61	17.82	**ND**	Yes	No
NT102448	115	Glue		.0808	.00	.00	.00	.00	.00	.00	3.83	87.75	8.42	**ND**	Yes	No

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, Concourse A
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 13504**
Method: NOB
Date Received: 10/9/2012
Date Analyzed: 10/15/2012
Date of Report: 10/12/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102449	117	Glue		.1517	.00	.00	.00	.00	.00	.00	29.13	69.22	1.65	**ND**	Yes	No
NT102451	121	Glue		.1294	.00	.00	.00	.00	.00	.00	10.97	63.76	25.27	**ND**	Yes	No
NT102452	123	Glue		.1839	2.61	.00	.00	.00	.00	.00	49.64	33.39	14.36	**2.61**	Yes	No
NT102453	125	Glue		.1186	.00	.00	.00	.00	.00	.00	41.99	39.54	18.47	**ND**	Yes	No
NT102454	127	Glue		.0519	.00	.00	.00	.00	.00	.00	45.28	40.27	14.45	**ND**	Yes	No
NT102455	129	Glue		.1947	.00	.00	.00	.00	.00	.00	20.14	49.51	30.35	**ND**	Yes	No
NT102456	131	Glue		.2293	.00	.00	.00	.00	.00	.00	13.04	49.11	37.85	**ND**	Yes	No
NT102457	133	Glue		.3339	.00	.00	.00	.00	.00	.00	20.75	13.33	65.92	**ND**	Yes	No
NT102458	135	Glue		.1639	.00	.00	.00	.00	6.09	.00	24.36	38.62	30.93	**6.09**	Yes	No
NT102459	137	Glue		.4301	.00	.00	.00	.00	.00	.00	19.04	17.16	63.80	**ND**	Yes	No
NT102460	139	Glue		.1977	.00	.00	.00	.00	.00	.00	31.96	44.82	23.22	**ND**	Yes	No
NT102461	141	Glue		.1330	.00	.00	.00	.00	.00	.00	37.22	49.02	13.76	**ND**	Yes	No
NT102462	143	Glue		.1477	.00	.00	.00	.00	.00	.00	29.99	41.71	28.30	**ND**	Yes	No
NT102463	145	Caulk		.3080	.00	.00	.00	.00	.00	.00	7.89	71.98	20.13	**ND**	Yes	No
NT102464	147	Caulk		.6698	.00	.00	.00	.00	.00	.00	3.95	33.79	62.26	**ND**	Yes	No

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, Concourse A
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 13504**
Method: NOB
Date Received: 10/9/2012
Date Analyzed: 10/15/2012
Date of Report: 10/12/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other	%	%	Total %	Analyzed /	Preped /
					CHR	AMO	ACT	CRO	ANT	TRE	Non-asb.	Organic	Carb.	Asbestos	Charged	Charged
NT102465	149	Caulk		.3030	.00	.00	.00	.00	10.20	.00	23.79	64.46	1.55	**10.20**	Yes	No
NT102466	151	Caulk		.2296	.00	.00	.00	.00	28.48	.00	28.48	38.07	4.97	**28.48**	Yes	No
NT102467	153	Caulk		.3458	.00	.00	.00	.00	20.20	.00	30.29	41.82	7.69	**20.20**	Yes	No
NT102468	155	Caulk		.3424	.00	.00	.00	.00	.00	.00	3.04	29.50	67.46	**ND**	Yes	No
NT102469	157	Glue		.2066	.00	.00	.00	.00	1.82	.00	7.28	88.96	1.94	**1.82**	Yes	No
NT102470	159	Sealant		.0333	.00	.00	.00	.00	.00	.00	23.43	43.54	33.03	**ND**	Yes	No
NT102471	161	Glue		.0844	.00	.00	.00	.00	.00	.00	30.45	61.02	8.53	**ND**	Yes	No
NT102472	163	Sealant		.1628	.00	.00	.00	.00	.00	.00	37.22	56.76	6.02	**ND**	Yes	No
NT102473	165	Sealant		.1422	.00	.00	.00	.00	.00	.00	34.18	61.88	3.94	**ND**	Yes	No
NT102474	167	Caulk		.1966	.00	.00	.00	.00	7.45	.00	7.45	18.01	67.09	**7.45**	Yes	No
NT102475	169	Glue		.1116	.00	.00	.00	.00	.00	.00	35.12	48.66	16.22	**ND**	Yes	No
NT102476	171	Glue		.1052	.00	.00	.00	.00	.00	.00	39.36	32.98	27.66	**ND**	Yes	No
NT102478	175	Glue		.1046	1.27	.00	.00	.00	.00	.00	24.06	23.33	51.34	**1.27**	Yes	No
NT102479	177	Glue		.1543	.00	.00	.00	.00	.00	.00	29.36	33.05	37.59	**ND**	Yes	No
NT102480	179	Glue		.0359	.00	.00	.00	.00	.00	.00	20.62	53.20	26.18	**ND**	Yes	No

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, Concourse A
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: NT 13504
Method: NOB
Date Received: 10/9/2012
Date Analyzed: 10/15/2012
Date of Report: 10/12/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102481	181	Glue		.1651	.00	.00	.00	.00	.00	.00	2.48	30.41	67.11	ND	Yes	No
NT102482	183	Glue		.4136	.00	.00	.00	.00	.00	.00	53.70	42.94	3.36	ND	Yes	No
NT102483	192	Glue		.3577	.00	.00	.00	.00	.00	.00	37.04	59.30	3.66	ND	Yes	No
NT102484	194	Glaze		.2533	.00	.00	.00	.00	.00	.00	9.64	44.37	45.99	ND	Yes	No
NT102485	197	Glaze		.0920	2.12	.00	.00	.00	.00	.00	2.12	12.17	83.59	2.12	Yes	No
NT102486	201	Glaze		.1324	.00	.00	.00	.00	.00	.00	3.40	31.27	65.33	ND	Yes	No
NT102487	202	Glaze		.1256	19.27	.00	.00	.00	.00	.00	19.26	52.95	8.52	19.27	Yes	No
NT102488	204	Undercoating		.1005	.00	.00	.00	.00	.00	.00	19.00	78.71	2.29	ND	Yes	No
NT102489	206	Undercoating		.1002	.00	.00	.00	.00	.00	.00	16.96	16.67	66.37	ND	Yes	No
NT102490	208	Undercoating		.0371	.00	.00	.00	.00	.00	.00	35.31	25.07	39.62	ND	Yes	No
NT102491	214	Fire Stop		.5014	.00	.00	.00	.00	.00	.00	16.91	74.23	8.86	ND	Yes	No
NT102492	216	Caulk		.1355	.00	.00	.00	.00	.00	.00	45.91	47.08	7.01	ND	Yes	No
NT102493	218	Tar/Foil		.1640	.01	.00	.00	.00	.00	.00	1.10	87.13	11.77	TR	Yes	No
NT102494	220	Tar/Foil		.1131	.00	.00	.00	.00	.00	.00	6.28	90.63	3.09	ND	Yes	No
NT102495	222	Sealant		.3194	.00	.00	.00	.00	.00	.00	18.50	34.10	47.40	ND	Yes	No

ProScience Analytical Services, Inc.
22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, Concourse A
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 13504**
Method: NOB
Date Received: 10/9/2012
Date Analyzed: 10/15/2012
Date of Report: 10/12/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102496	234	Flashing		.2358	.00	.00	.00	.00	.00	.00	5.77	91.90	2.33	**ND**	Yes	No
NT102497	243	Glue		.3384	.00	.00	.00	.00	.00	.00	17.35	30.79	51.86	**ND**	Yes	No
NT102498	245	Mastic		.0051	6.86	.00	.00	.00	.00	.00	6.86	47.06	39.22	**6.86**	Yes	No

Comments: Samples 119 and173 were not analyzed due to insufficient sample volume. Samples 196 and 200 were replaced with 197 and 201 respectfully.

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Aimee Cormier, Analyst

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 10/09/12

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Concourse A

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by: 10.10.12 @ 10:20 Am

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
37	41416	CB & Glue	See COC		
39	41416	CB & Glue			
41	41416	CB & Glue			
43	41416	CB & Glue			
45	41416	CB & Glue			
47	41416	CB & Glue			
49	41416	CB & Glue			
51	41416	CB & Glue			
53	41416	CB & Glue			
55	41416	CB & Glue			
57	41416	CB & Glue			
59	41416	CB & Glue			
77	41416	Tile only			
81	41416	Tile			
83	41416	Tile & Mastic			
85	41416	Mastic only			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments
						~95

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 10/09/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Concourse A

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
87	41416	Tile & Mastic	See COC		
89	41416	Tile			
91	41416	Tile & Mastic			
93	41416	Glue			
95	41416	Glue			
97	41416	Glue			
101	41416	Glue			
103	41416	Glue			
105	41416	Glue			
107	41416	Glue			
109	41416	Mastic			
111	41416	Glue			
113	41416	Glue			
115	41416	Glue			
117	41416	Glue			
119	41416	Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 10/09/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Concourse A

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
121	41416	Glue	See COC		
123	41416	Glue			
125	41416	Glue			
127	41416	Glue			
129	41416	Glue			
131	41416	Glue			
133	41416	Glue			
135	41416	Glue			
137	41416	Glue			
139	41416	Glue			
141	41416	Glue			
143	41416	Glue			
145	41416	Caulk			
147	41416	Caulk			
149	41416	Caulk			
151	41416	Caulk			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 10/09/12

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Concourse A

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
153	41416	Caulk	See COC		
155	41416	Caulk			
157	41416	Glue			
159	41416	Sealant			
161	41416	Glue			
163	41416	Sealant			
165	41416	Sealant			
167	41416	Caulk			
169	41416	Glue			
171	41416	Glue			
173	41416	Glue			
175	41416	Glue			
177	41416	Glue			
179	41416	Glue			
181	41416	Glue			
183	41416	Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 10/09/12

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Concourse A

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
192	41416	Glue	See COC		
194	41416	Glaze			
196	41416	Glaze			
200	41416	Glaze			
202	41416	Glaze			
204	41416	Undercoating			
206	41416	Undercoating			
208	41416	Undercoating			
214	41416	Fire Stop			
216	41416	Caulk			
218	41416	Tar/Foil			
220	41416	Tar/Foil			
222	41416	Sealant			
234	41416	Flashing			
243	41416	Glue			
245	41416	Mastic only			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Concourse A (✓)

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

November 21, 2012

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Aimee L Cormier

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 13536 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT - BIA, Terminal B, Concourse A
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, Concourse A
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: NT 13536
Method: NOB
Date Received: 11/14/2012
Date Analyzed: 11/21/2012
Date of Report: 11/21/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102802	247	Black expansion material		.3284	6.01	.00	.00	.00	.00	.00	54.10	31.76	8.13	**6.01**	Yes	No
NT102803	249	Black brittle tar like material		.3013	.00	.00	.00	.00	.00	.00	3.65	90.34	6.01	**ND**	Yes	No
NT102804	251	Black hard expansion joint material		.9529	3.17	.00	.00	.00	.00	.00	60.31	36.25	.27	**3.17**	Yes	No
NT102805	253	Black fibrous tar pipe material		.1078	4.45	.00	.00	.00	.00	.00	4.45	87.57	3.53	**4.45**	Yes	No
NT102806	255	Black flashing tar at door		.6284	.00	.00	.00	.00	.00	.00	23.62	46.64	29.74	**ND**	Yes	No
NT102807	263	Black fibrous tar material		.0495	.00	.00	.00	.00	.00	.00	3.24	96.36	.40	**ND**	Yes	No
NT102808	265	Tar covering		.1989	.00	.00	.00	.00	.00	.00	8.09	91.91	.00	**ND**	Yes	No
NT102809	267	HHM1		.0606	.00	.00	.00	.00	.00	.00	5.11	86.14	8.75	**ND**	Yes	No
NT102810	275	Grey putty door window glaze		.1330	.00	.00	.00	.00	.00	.00	51.27	32.71	16.02	**ND**	Yes	No
NT102811	277	White flexible caulk		.0870	.00	.00	.00	.00	.00	.00	33.21	57.59	9.20	**ND**	Yes	No
NT102812	279	Dark grey crumbly soft daub		.4810	4.58	.00	.00	.00	.00	.00	3.05	10.94	81.43	**4.58**	Yes	No
NT102813	281	Light grey hard flex caulk		.3876	.00	.00	.00	.00	.09	.00	17.47	41.07	41.46	**TR**	Yes	No
NT102814	289	Light grey powdery surface sticky caulk		.1412	.00	.00	.00	.00	.00	.00	35.69	60.20	4.11	**ND**	Yes	No
NT102815	291	light grey flexible stretchy caulk		.1454	.00	.00	.00	.00	.00	.00	17.88	68.09	14.03	**ND**	Yes	No
NT102816	293	Black flexible caulk		.2931	.00	.00	.00	.00	.00	.00	6.34	46.37	47.29	**ND**	Yes	No

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, Concourse A
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 13536**
Method: NOB
Date Received: 11/14/2012
Date Analyzed: 11/21/2012
Date of Report: 11/21/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102817	295	Grey flexible somewhat crumbly caulk		.1623	.03	.00	.00	.00	.00	.00	5.36	23.78	70.86	TR	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Aimee Cormier, Analyst

NT13536

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/13/12

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Concourse A, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by: Simon Perry 11/14/12 10:25a

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
247	41530	Black Expansion Material	See COC		
249	41530	Black			
251	41530	Black Expansion Material			
253	41530	Black Tar			
255	41530	Black Tar			
263	41530	Black Tar			
265	41530	Black Tar			
267	41530	HHM1			
275	41530	Grey Window Glaze			
277	41530	White Caulk			
279	41530	Dark Grey Caulk			
281	41530	Light Grey Caulk			
289	41530	Light Grey Caulk			
291	41530	Light Grey Caulk			
293	41530	Black Caulk			
295		Grey Caulk			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Concourse A

ProScience Analytical Services, Inc

February 19, 2013

Greg Kaczynski
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

Dear Greg Kaczynski,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Aimee L Cormier

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 13647 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT - BDL, Terminal B, Concourse A
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BDL, Terminal B, Concourse A
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 13647**
Method: NOB
Date Received: 2/15/2013
Date Analyzed: 2/19/2013
Date of Report: 2/19/2013

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT103512	261	~~Caulk~~ glue O.K.		.4936	.00	.00	.00	.00	.00	.00	.41	62.80	36.79	ND	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Mark Derosier, Analyst

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

NT 13647

Date: 02/14/13

PO#: **C183572**
Client: TRC
Client Job#: 183572.4445.0710
Client Job Ref./Loc.: CT DOT- BDL, Terminal B, Concourse A
Relinquished by: K. Williamson- KWilliamson@trcsolutions.com
Received by: [illegible] 2-15-13 10:10
Report to: G. Kaczynski- GKaczynski@trcsolutions.com
Samplers Name: G. Kaczynski

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Turn Around Time: <12 Hour <24 Hour **<48 Hour** <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
261	41530	Caulk	See COC		

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

September 24, 2013

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Aimee L Cormier

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 14126 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT - BIA - Concourse A
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

September 23, 2013

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 14119 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT - BIA - Concourse A
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA - Concourse A
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: NT 14119
Method: NOB
Date Received: 9/19/2013
Date Analyzed: 9/23/2013
Date of Report: 9/23/2013

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT107141	2	Flashing		.1309	.00	.00	.00	.00	.00	.00	3.28	94.96	1.76	ND	Yes	No
NT107142	4	Flashing		.2138	.00	.00	.00	.00	.00	.00	2.15	95.18	2.67	ND	Yes	No
NT107143	6	Tar		.2085	3.43	.00	.00	.00	.00	.00	5.15	61.25	30.17	3.43	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Mark Derosier, Analyst

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

NT/4119

Date: 09/18/13

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT – BIA- Concourse A

Relinquished by: K. Williamson - KWilliamson@trcsolutions.com

Received by: 9/19/13 9:45a

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: M. Kostruba

Turn Around Time: <12 Hour <24 Hour **<48 Hour** <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
2	42905	Flashing	See COC		
4	42905	Flashing			
6	42905	Tar			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA - Concourse A
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 14126**
Method: NOB
Date Received: 9/23/2013
Date Analyzed: 9/24/2013
Date of Report: 9/24/2013

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT107161	2	Tar		.0414	.58	.00	.00	.00	.00	.00	29.23	48.55	22.22	TR	Yes	No
NT107162	4	Expansion Material		.2905	.00	.00	.00	.00	.00	.00	39.86	59.59	.55	ND	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Mark Derosier, Analyst

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 09/20/13

PO#: **C183572**

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT – BIA-Concourse A

Relinquished by: K. Williamson - KWilliamson@trcsolutions.com

Received by: 9.23.13 @ 845 Am

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: M. Kostruba

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Turn Around Time: <12 Hour <24 Hour **<48 Hour** <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
2	42918	Tar	See COC		
4	42918	Expansion Material			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

October 02, 2013

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager
Adrian Stanca, Laboratory Director

Enclosure:

BATCH NUMBER : NT 14145 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT - BIA - Concourse A, Windsor, CT
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA - Concourse A, Windsor, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 14145**
Method: NOB
Date Received: 10/1/2013
Date Analyzed: 10/2/2013
Date of Report: 10/2/2013

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT107232	01	Caulk		.2037	.00	.00	.00	.00	9.88	.00	39.50	44.43	6.19	**9.88**	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Mark Derosier, Analyst

NT14145

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 09/30/13

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT – BIA - Concourse A, Windsor, CT

Relinquished by: A. Parkins – Aparkins@trcsolutions.com

Received by: 10/1/13 – 2:50pm

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: M. Kostruba

Turn Around Time: <12 Hour **<24 Hour** <48 Hour <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
01	42978	Caulk	See COC		

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

October 04, 2013

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Aimee L Cormier

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 14150 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT - Concourse B, Windsor, CT
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - Concourse B, Windsor, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: NT 14150
Method: NOB
Date Received: 10/3/2013
Date Analyzed: 10/4/2013
Date of Report: 10/4/2013

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT107262	2	Tar VB		.3072	.02	.00	.00	.00	.00	.00	1.21	97.10	1.69	TR	Yes	No
NT107263	4	Tar VB		.1451	.00	.00	.00	.00	.00	.00	3.17	88.15	8.68	ND	Yes	No
NT107264	6	Tar VB		.0267	.00	.00	.00	.00	.00	.00	4.12	70.79	25.09	ND	Yes	No
NT107265	8	Tar VB		.3726	.00	.00	.00	.00	.00	.00	6.39	93.58	.03	ND	Yes	No
NT107266	10	Tar VB		.2523	.00	.00	.00	.00	.00	.00	1.03	92.35	6.62	ND	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Aimee Cormier, Analyst

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

NT14150

Date: 10/02/13

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT – BIA - Concourse B, Windsor, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by: Doreen Townsend 10·3·13 @ 9:40

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: T. Martin

Turn Around Time: <12 Hour **<24 Hour** <48 Hour <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
2	42990	Tar VB	See COC		
4	42990	Tar VB			
6	42990	Tar VB			
8	42990	Tar VB			
10	42990	Tar VB			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

September 24, 2013

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Aimee L Cormier

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 14130 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT - BIA - Terminal B Demo
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA - Terminal B Demo
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 14130**
Method: NOB
Date Received: 9/23/2013
Date Analyzed: 9/24/2013
Date of Report: 9/24/2013

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT107170	1	Glue		.0906	.00	.00	.00	.00	.00	.00	1.65	30.91	67.44	**ND**	Yes	No
NT107171	2	Glue		.1184	.00	.00	.00	.00	.00	.00	3.80	47.04	49.16	**ND**	Yes	No
NT107172	3	Glue		.3213	.00	.00	.00	.00	.00	.00	1.25	69.90	28.85	**ND**	Yes	No
NT107173	4	Mastic		.1698	5.96	.00	.00	.00	.00	.00	23.84	21.32	48.88	**5.96**	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Aimee L Cormier

Aimee Cormier, Analyst

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 09/20/13

NT14130

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT – BIA-Terminal B Demo

Relinquished by: K. Williamson - KWilliamson@trcsolutions.com

Received by: Doreen Townsend 9-23-13 @ 8:45

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: M. Kostruba

Turn Around Time: <12 Hour <24 Hour **<48 Hour** <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
1	42919	Glue	See COC		
2	42919	Glue			
3	42919	Glue			
4	42919	Mastic			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

TRC

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009
Supersede Previous Edition

LAB ID #. 42919

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	BFA - Terminal B Demo

SIGNATURE	INSPECTOR
[signature]	Mike Kostrubs, Greg Kaczynski

TURNAROUND TIME

PLM:		8hr		24hr		48hr		3day
TEM:		24hr	X	48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
1	7/24/13	1230		X	Conc. B, Pub Corridor, Gr Flr					X	G9 - Dark Cream Glue under brick cer. Floor tile
2	9/3/13	1418			Conc. A, Gr Flr, Rm 117					X	G14 - Super sticky yellow cove base glue
3	9/3/13	1504			Conc. A, B7 Boarding Ramp					X	CG3 - Orange/clear Super sticky Carpet glue.
4	9/3/13	1415			Conc. A, Gr Flr, Rm 116 B3X					X	FT3 - black mastic only (Floor tile is Pos)

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	9/18/13	[signature] 9/18/13			
(Printed) Mike Kostrubs	Time: 0900	(Printed) K Williamson	(Printed)	Time:	(Printed)

Remarks: Resamples - For TEM only, Send Results to G. Kaczynski

Condition of Samples: [illegible]
Acceptable: Yes ____ No ____
Comments:

Concourse B ✓

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

November 21, 2012

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Aimee L Cormier

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 13537 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT - BIA, Terminal B, Concourse B
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, Concourse B
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: NT 13537
Method: NOB
Date Received: 11/14/2012
Date Analyzed: 11/21/2012
Date of Report: 11/21/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102818	01	Hard beige glue		.2071	.00	.00	.00	.00	.00	.00	35.83	32.88	31.29	ND	Yes	No
NT102819	03	Yellow glue		.0643	.00	.00	.00	.00	.00	.00	24.42	58.16	17.42	ND	Yes	No
NT102820	05	Beige glue		.1300	.00	.00	.00	.00	.00	.00	22.62	52.00	25.38	ND	Yes	No
NT102821	07	Brown glue		.1970	.00	.00	.00	.00	.00	.00	28.63	42.18	29.19	ND	Yes	No
NT102822	09	Tan glue		.2470	.00	.00	.00	.00	.10	.00	20.41	25.06	54.53	TR	Yes	No
NT102823	11	Grey glue		.1443	.00	.00	.00	.00	.00	.00	5.48	23.49	71.03	ND	Yes	No
NT102824	13	Tan glue		.3584	.00	.00	.00	.00	.00	.00	28.49	52.79	18.72	ND	Yes	No
NT102825	15	Cream glue		.1943	.00	.00	.00	.00	.00	.00	4.74	40.45	54.81	ND	Yes	No
NT102827	19	Tan glue		.1298	.00	.00	.00	.00	.00	.00	20.57	34.59	44.84	ND	Yes	No
NT102828	21	White glue		.4290	.00	.00	.00	.00	.00	.00	16.01	22.80	61.19	ND	Yes	No
NT102829	23	Yellow glue		.3102	.00	.00	.00	.00	.00	.00	59.99	35.85	4.16	ND	Yes	No
NT102830	25	Yellow glue		.1340	.00	.00	.00	.00	.00	.00	25.60	27.09	47.31	ND	Yes	No
NT102831	29	Beige caulk		.1835	4.39	.00	.00	.00	.00	.00	4.39	34.33	56.89	4.39	Yes	No
NT102832	33	White caulk		.2280	.00	.00	.00	.00	.00	.00	8.64	69.47	21.89	ND	Yes	No
NT102833	39	Dark grey caulk		.1588	4.03	.00	.00	.00	.00	.00	1.00	10.52	84.45	4.03	Yes	No

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, Concourse B
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: NT 13537
Method: NOB
Date Received: 11/14/2012
Date Analyzed: 11/21/2012
Date of Report: 11/21/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102834	41	Light grey caulk		.8223	.00	.00	.00	.00	.00	.00	19.02	28.86	52.12	ND	Yes	No
NT102835	43	Dark grey caulk		.4040	.00	.00	.00	.00	.39	.00	19.35	42.18	38.47	TR	Yes	No
NT102836	45	white caulk		.1851	.00	.00	.00	.00	.00	.00	12.64	33.28	54.08	ND	Yes	No
NT102837	47	Light grey caulk		.0794	.00	.00	.00	.00	.00	.00	7.56	63.85	28.59	ND	Yes	No
NT102838	49	Caulk		1.2119	.00	.00	.00	.00	.00	.00	10.91	80.13	8.96	ND	Yes	No
NT102839	65	Yellow glue		.3210	.00	.00	.00	.00	.00	.00	12.53	64.70	2.77	ND	Yes	No
NT102840	67	Black/grey surface putty		.1435	.00	.00	.00	.00	.00	.00	28.78	61.39	9.83	ND	Yes	No
NT102841	69	Grey sealant		.1101	.00	.00	.00	.00	.00	.00	6.45	77.93	15.62	ND	Yes	No
NT102842	71	Grey flex putty		.0971	.00	.00	.00	.00	.00	.00	28.73	67.46	3.81	ND	Yes	No
NT102843	73	Tan sealant		.0319	.00	.00	.00	.00	.00	.00	42.01	26.33	31.66	ND	Yes	No
NT102844	75	Black covebase		.2244	.00	.00	.00	.00	.00	.00	2.63	51.74	45.63	ND	Yes	No
NT102845	77	Blue covebase		.2021	.00	.00	.00	.00	.00	.00	3.12	52.35	44.53	ND	Yes	No
NT102846	79	Beige covebase		.7077	.00	.00	.00	.00	.00	.00	21.91	38.51	39.58	ND	Yes	No
NT102847	81	Blue covebase		.3293	.00	.00	.00	.00	.00	.00	1.00	44.55	54.45	ND	Yes	No
NT102848	83	Grey covebase		.3379	.00	.00	.00	.00	.00	.00	43.95	53.18	2.87	ND	Yes	No

ProScience Analytical Services, Inc.
22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, Concourse B
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: NT 13537
Method: NOB
Date Received: 11/14/2012
Date Analyzed: 11/21/2012
Date of Report: 11/21/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102849	85	Beige glue		.0831	.00	.00	.00	.00	.00	.00	23.58	35.02	41.40	ND	Yes	No
NT102850	87	Dark olive covebase		.1493	.00	.00	.00	.00	.00	.00	53.79	42.73	3.48	ND	Yes	No
NT102851	89	Tan glue		.0905	.00	.00	.00	.00	.00	.00	27.30	67.40	5.30	ND	Yes	No
NT102852	91	Yellow glue		.1477	.00	.00	.00	.00	.00	.00	18.89	76.51	4.60	ND	Yes	No
NT102853	93M	Black mastic		.0907	.97	.00	.00	.00	.00	.00	48.29	25.47	26.24	TR	Yes	No
NT102854	93	Grey floor tile		.1258	12.41	.00	.00	.00	.00	.00	5.32	20.35	61.92	12.41	Yes	No
NT102855	95M	Yellow glue		.0433	.00	.00	.00	.00	.00	.00	21.71	62.59	15.70	ND	Yes	No
NT102856	95	White with black streak floor tile		.0799	.00	.00	.00	.00	.00	.00	3.51	14.64	81.85	ND	Yes	No
NT102857	97	Glue		.0317	1.18	.00	.00	.00	.00	.00	22.48	68.77	7.57	1.18	Yes	No
NT102858	99	Tan glue		.2753	.00	.00	.00	.00	.00	.00	21.28	40.83	37.89	ND	Yes	No
NT102859	101	White undercoating		.0391	.00	.00	.00	.00	.00	.00	43.99	29.41	26.60	ND	Yes	No
NT102860	107	Black tar paper		.1877	.36	.00	.00	.00	.00	.00	3.57	96.00	.43	TR	Yes	No
NT102861	115	Brown firestop		.3902	.00	.00	.00	.00	.00	.00	14.61	75.09	10.30	ND	Yes	No
NT102862	117	Black vapor barrier		.1399	.00	.00	.00	.00	.00	.00	1.14	97.64	1.22	ND	Yes	No
NT102863	119	Black vapor barrier		.5779	.00	.00	.00	.00	.00	.00	32.25	56.43	11.32	ND	Yes	No

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, Concourse B
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: NT 13537
Method: NOB
Date Received: 11/14/2012
Date Analyzed: 11/21/2012
Date of Report: 11/21/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102864	121	Black window glaze		.2089	.00	.00	.00	.00	.00	.00	25.18	46.48	28.34	**ND**	Yes	No
NT102865	125	Black pipe material		.3266	5.84	.00	.00	.00	.00	.00	3.90	88.82	1.44	**5.84**	Yes	No
NT102866	127	Grey window glaze		.0191	4.61	.00	.00	.00	.00	.00	1.15	31.41	62.83	**4.61**	Yes	No
NT102867	129	Black window glaze		.1517	20.47	.00	.00	.00	.00	.00	20.46	50.96	8.11	**20.47**	Yes	No
NT102868	131	White window glaze		.1913	.00	.00	.00	.00	.00	.00	25.20	38.42	36.38	**ND**	Yes	No
NT102869	133	Dark grey window glaze		.0791	.00	.00	.00	.00	.00	.00	12.01	39.82	48.17	**ND**	Yes	No
NT102870	141	White sealant		.2760	.00	.00	.00	.00	.00	.00	47.50	49.46	3.04	**ND**	Yes	No

Comments: Sample 17 was unable to be analyzed due to insufficient sample volume.

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Aimee L Cormier

Aimee Cormier, Analyst

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/13/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Concourse B, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by: [illegible] 11/14/12 10:25a

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
01	41532	Beige Glue	See COC		
03	41532	Yellow Glue			
05	41532	Beige Glue			
07	41532	Brown Glue			
09	41532	Tan Glue			
11	41532	Grey Glue			
13	41532	Tan Glue			
15	41532	Cream Glue			
17	41532	Dark Cream Glue			
19	41532	Tan Glue			
21	41532	White Glue			
23	41532	Yellow Glue			
25	41532	Yellow Glue			
29	41532	Beige Caulk			
33	41532	White Caulk			
39	41532	Dark Grey Caulk			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/13/12

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Concourse B, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
41	41532	Light Grey Caulk	See COC		
43	41532	Dark Grey Caulk			
45	41532	White Caulk			
47	41532	Light Grey Caulk			
49	41532	Caulk			
65	41532	Yellow Glue			
67	41532	Black			
69	41532	Grey Sealant			
71	41532	Grey			
73	41532	Tan Sealant			
75	41532	Black Covebase			
77	41532	Blue Covebase			
79	41532	Beige Covebase			
81	41532	Blue Covebase			
83	41532	Grey Covebase			
85	41532	Beige Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/13/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Concourse B, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
131	41532	White Window Glaze	See COC		
133	41532	Dark Grey Window Glaze			
141	41532	White Sealant			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

3

Concourse B

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

December 03, 2012

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Aimee L Cormier

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 13544 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT - BIA Concourse B, Windsor Locks, CT
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA Concourse B, Windsor Locks, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: NT 13544
Method: NOB
Date Received: 11/27/2012
Date Analyzed: 12/3/2012
Date of Report: 12/3/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102941	145	Grey tacky flexible caulk		.1521	.00	.00	.00	.00	.00	.00	31.96	62.98	5.06	ND	Yes	No
NT102942	147	Grey covebase		.1882	.00	.00	.00	.00	.00	.00	1.48	33.00	65.52	ND	Yes	No
NT102943	151	Brown glue		.0464	.00	.00	.00	.00	.00	.00	4.31	83.62	12.07	ND	Yes	No
NT102944	153	Yellow carpet glue		.2104	.00	.00	.00	.00	.00	.00	29.37	57.08	13.55	ND	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Aimee L Cormier

Aimee Cormier, Analyst

NT13544

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/26/12

PO#: **C183572**

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Concourse B, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by: 11/27/12 13:00

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
145	41555	Caulk	See COC		
147	41555	CB			
151	41555	Glue			
153	41555	Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Concourse B

ProScience Analytical Services, Inc

December 11, 2012

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 13554 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT - BIA, Concourse B, Windsor Locks, CT
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Concourse B, Windsor Locks, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 13554**
Method: NOB
Date Received: 12/5/2012
Date Analyzed: 12/11/2012
Date of Report: 12/11/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102989	155	Yellow glue		.0146	.00	.00	.00	.00	.00	.00	.68	99.32	.00	ND	Yes	No
NT102990	157	Black floor tile		.2462	.00	.00	.00	.00	.00	.00	2.23	16.86	80.91	ND	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Mark Derosier, Analyst

NT 13554

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 12/04/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Concourse B, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by: [illegible] 12-5-12 10:10

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
155	41582	Glue	See COC		
157	41582	Tile only			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

September 23, 2013

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 14120 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT - BIA - Concourse B
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA - Concourse B
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 14120**
Method: NOB
Date Received: 9/19/2013
Date Analyzed: 9/23/2013
Date of Report: 9/23/2013

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT107144	2	Tar		.4204	.00	.00	.00	.00	.00	.00	50.43	48.98	.59	ND	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Mark Derosier, Analyst

NT114120

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 09/18/13

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT – BIA- Concourse B

Relinquished by: K. Williamson - KWilliamson@trcsolutions.com

Received by: [illegible] 9/19/13 9:43 a

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: M. Kostruba

Turn Around Time: <12 Hour <24 Hour **<48 Hour** <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
2	42904	Tar	See COC		

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

October 02, 2013

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
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Please contact me if you have any questions regarding this report or related information.

Sincerely,

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager
Adrian Stanca, Laboratory Director

Enclosure:

BATCH NUMBER : NT 14146 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT - BIA - Concourse B, Windsor, CT
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA - Concourse B, Windsor, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 14146**
Method: NOB
Date Received: 10/1/2013
Date Analyzed: 10/2/2013
Date of Report: 10/2/2013

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT107233	01	Caulk		.1816	.00	.00	.00	.00	12.32	.00	36.96	38.05	12.67	**12.32**	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Mark Derosier, Analyst

NT 14146

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 09/30/13

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT – BIA - Concourse B, Windsor, CT

Relinquished by: A. Parkins – AParkins@trcsolutions.com

Received by: [illegible] 10/1/13 – 2:50PM

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: M. Kostruba

Turn Around Time: <12 Hour **<24 Hour** <48 Hour <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
01	42980	Caulk	See COC		

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

IAB ✓
(connector)

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

December 03, 2012

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Aimee L Cormier

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 13545 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT-BIA Terminal A-B Connector, Windsor Locks, CT
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT-BIA Terminal A-B Connector, Windsor Locks, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 13545**
Method: NOB
Date Received: 11/27/2012
Date Analyzed: 12/3/2012
Date of Report: 12/3/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102945	31	White flexible caulk		.1441	.00	.00	.00	.00	.00	.00	4.51	24.64	70.85	ND	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Aimee L Cormier

Aimee Cormier, Analyst

NT13545

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/26/12

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal A-B Connector, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by: [illegible] 11/27/12 13:00

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
31	41554	Caulk	See COC		

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

IAB ✓

ProScience Analytical Services, Inc

December 18, 2012

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Aimee L Cormier

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 13560 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT - BIA, Terminal B, IAB, Windsor Locks, CT
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, IAB, Windsor Locks, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 13560**
Method: NOB
Date Received: 12/11/2012
Date Analyzed: 12/19/2012
Date of Report: 12/18/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT103001	21	Tile		.5296	.00	.00	.00	.00	.00	.00	32.34	18.09	49.57	ND	Yes	No
NT103002	25m	Mastic		.0477	.00	.00	.00	.00	.00	.00	29.77	35.22	35.01	ND	Yes	No
NT103003	25	Tile		.1615	.00	.00	.00	.00	.00	.00	4.58	14.92	80.50	ND	Yes	No
NT103005	27	Tile		.3686	.00	.00	.00	.00	.00	.00	4.45	14.24	81.31	ND	Yes	No
NT103006	31	Cove Base		.1329	.00	.00	.00	.00	.00	.00	44.77	53.42	1.81	ND	Yes	No
NT103007	33	Cove Base		.1807	.00	.00	.00	.00	.00	.00	2.33	54.73	42.94	ND	Yes	No
NT103008	35	Cove Base		.2238	.00	.00	.00	.00	.00	.00	.94	57.37	41.69	ND	Yes	No
NT103009	37	Cove Base		.3239	.00	.00	.00	.00	.00	.00	34.39	44.52	21.09	ND	Yes	No
NT103010	39	Cove Base		.2385	.00	.00	.00	.00	.00	.00	3.44	54.00	42.56	ND	Yes	No
NT103011	41	Cove Base		.2273	.00	.00	.00	.00	.00	.00	44.52	54.91	.57	ND	Yes	No
NT103012	43	Cove Base		.1772	.00	.00	.00	.00	.00	.00	2.09	54.57	43.34	ND	Yes	No
NT103013	45	Flashing		.3980	.82	.00	.00	.00	.00	.00	3.29	83.29	13.42	TR	Yes	No
NT103014	[illegible]	Roofing		.1932	.00	.00	.00	.00	.00	.00	.15	84.37	15.48	TR	Yes	No
NT103015	51	Flashing		.5448	.65	.00	.00	.00	.00	.00	2.17	86.82	11.01	TR	Yes	No
NT103016	53	Flashing		.2022	.00	.00	.00	.00	.00	.00	.94	88.08	10.98	TR	Yes	No

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, IAB, Windsor Locks, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 13560**
Method: NOB
Date Received: 12/11/2012
Date Analyzed: 12/19/2012
Date of Report: 12/18/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT103017	55	Flashing		.3556	1.95	.00	.00	.00	.00	.00	1.96	85.21	10.88	**1.95**	Yes	No
NT103018	63	Roofing		.1659	.02	.00	.00	.00	.00	.00	3.62	95.36	1.02	**TR**	Yes	No
NT103019	65	Flashing		.5399	.30	.00	.00	.00	.00	.00	3.73	84.77	11.50	**TR**	Yes	No
NT103020	67	Tar		.3773	.28	.00	.00	.00	.00	.00	.79	87.15	12.06	**TR**	Yes	No
NT103021	70	Flashing		.2913	.00	.00	.00	.00	.00	.00	14.08	82.32	3.60	**ND**	Yes	No
NT103022	74	Roofing		1.1248	5.72	.00	.00	.00	.00	.00	10.61	68.95	14.72	**5.72**	Yes	No
NT103023	82	Tar VB		.0812	.00	.00	.00	.00	.00	.00	3.69	93.97	2.34	**ND**	Yes	No
NT103024	84	Duct Coating		.5344	.00	.00	.00	.00	.00	.00	13.28	82.88	3.84	**ND**	Yes	No
NT103025	86	Roof Coating		.2359	16.66	.00	.00	.00	.00	.00	16.66	62.70	3.98	**16.66**	Yes	No
NT103026	89	Glue		.2416	.00	.00	.00	.00	.00	.00	15.77	32.37	51.86	**ND**	Yes	No
NT103027	91	Glue		.1799	.00	.00	.00	.00	.00	.00	34.91	46.25	18.84	**ND**	Yes	No
NT103028	93	Glue		.0321	.00	.00	.00	.00	.17	.00	33.33	47.98	18.69	**TR**	Yes	No
NT103029	95	Glue		.1609	.00	.00	.00	.00	.00	.00	29.59	30.39	40.02	**ND**	Yes	No
NT103030	97	Glue		.1485	.00	.00	.00	.00	.00	.00	22.02	20.67	57.31	**ND**	Yes	No
NT103031	99	Glue		.0314	.00	.00	.00	.00	.00	.00	35.35	56.37	8.28	**ND**	Yes	No

ProScience Analytical Services, Inc.
22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, IAB, Windsor Locks, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: NT 13560
Method: NOB
Date Received: 12/11/2012
Date Analyzed: 12/19/2012
Date of Report: 12/18/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT103032	101	Glue		.1133	.00	.00	.00	.00	.00	.00	41.40	54.19	4.41	ND	Yes	No
NT103033	103	Glue		.1029	.00	.00	.00	.00	.00	.00	19.83	31.68	48.49	ND	Yes	No
NT103034	105	Glue		.1704	.00	.00	.00	.00	.00	.00	8.63	44.19	47.18	ND	Yes	No
NT103035	107	Caulk		.1952	.00	.00	.00	.00	.00	.00	2.62	87.70	9.68	ND	Yes	No
NT103036	109	Caulk		.2364	.00	.00	.00	.00	.00	.00	11.63	48.82	39.55	ND	Yes	No
NT103037	111	Caulk		.1110	.00	.00	.00	.00	.00	.00	15.77	41.80	42.43	ND	Yes	No
NT103038	113	Caulk		.2256	.00	.00	.00	.00	.00	.00	1.69	68.35	29.96	ND	Yes	No
NT103039	115	Caulk		.2425	.00	.00	.00	.00	.00	.00	8.37	60.45	31.18	ND	Yes	No
NT103040	119	Caulk		.2274	.00	.00	.00	.00	.00	.00	1.94	30.78	67.28	ND	Yes	No
NT103041	122	Glaze		.1510	20.46	.00	.00	.00	.00	.00	13.64	20.40	45.50	20.46	Yes	No
NT103042	124	Glaze		.2381	.00	.00	.00	.00	.08	.00	16.33	44.06	39.61	TR	Yes	No
NT103043	132	Glaze		.1433	.00	.00	.00	.00	.00	.00	19.54	33.01	47.45	ND	Yes	No
NT103044	134	Glaze		.1523	.00	.00	.00	.00	.00	.00	2.10	24.95	72.95	ND	Yes	No
NT103045	136	Glaze		.1120	.00	.00	.00	.00	.00	.00	14.82	37.86	47.32	ND	Yes	No
NT103046	140	Glue		.1086	.00	.00	.00	.00	.00	.00	28.54	69.71	1.75	ND	Yes	No

ProScience Analytical Services, Inc.
22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, IAB, Windsor Locks, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: NT 13560
Method: NOB
Date Received: 12/11/2012
Date Analyzed: 12/19/2012
Date of Report: 12/18/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT103047	142	Glue		.0985	.00	.00	.00	.00	.00	.00	3.86	31.27	64.87	ND	Yes	No
NT103048	144	Glue		.0629	.00	.00	.00	.00	.00	.00	9.54	38.00	52.46	ND	Yes	No
NT103049	146	Glue		.0702	7.38	.00	.00	.00	.00	.00	3.16	61.54	27.92	7.38	Yes	No
NT103050	148	Cove Base		.2405	.00	.00	.00	.00	.00	.00	1.45	51.27	47.28	ND	Yes	No
NT103051	150	Cove Base		.2849	.00	.00	.00	.00	.00	.00	2.38	51.04	46.58	ND	Yes	No
NT103052	165	Glue		.1007	.00	.00	.00	.00	.00	.00	40.61	27.81	31.58	ND	Yes	No
NT103053	169	Mastic		.0990	.00	.00	.00	.00	.00	.00	5.25	90.51	4.24	ND	Yes	No
NT103054	171	Glue		.1868	.54	.00	.00	.00	.00	.00	26.82	52.03	21.15	TR	Yes	No
NT103055	173	Glue		.1097	.00	.00	.00	.00	.00	.00	43.58	49.95	6.47	ND	Yes	No
NT103056	175	Glue		.0764	.00	.00	.00	.00	.00	.00	16.23	71.07	12.70	ND	Yes	No
NT103057	189	Sealant		.1630	.00	.00	.00	.00	.00	.00	45.89	43.68	10.43	ND	Yes	No
NT103058	192	Glue		.0567	.00	.00	.00	.00	.00	.00	.17	94.89	4.94	ND	Yes	No
NT103059	196	Sealant		.0963	.00	.00	.00	.00	.00	.00	3.33	57.94	38.73	ND	Yes	No
NT103060	198	Sealant		.1625	.00	.00	.00	.00	.00	.00	25.05	44.98	29.97	ND	Yes	No
NT103061	222	Roofing		.3805	.00	.00	.00	.00	.00	.00	14.59	81.97	3.44	ND	Yes	No

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

REVISED 2/8/13

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, IAB, Windsor Locks, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: NT 13560
Method: NOB
Date Received: 12/11/2012
Date Analyzed: 12/19/2012
Date of Report: 12/18/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT103062	224	Roofing		.3579	.22	.00	.00	.00	.00	.00	11.01	81.36	7.63	TR	Yes	No
NT103063	230	Flashing		.9477	6.32	.00	.00	.00	.00	.00	2.70	89.78	1.20	6.32	Yes	No
NT103064	241	Caulk		.1354	.00	.00	.00	.00	.30	.00	14.85	40.84	44.31	TR	Yes	No

Comments: Samples 21g and 27m were unable to be analyzed due to insufficient sample volume. Sample 47 had a total Chrysotile percentage of 0.00077%. Sample 53 had a total Chrysotile percentage of 0.0047%.

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Aimee L Cormier

Aimee Cormier, Analyst

NT 13560

62

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 12/11/12

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, IAB, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by: [illegible] 12-12-12 12:30

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
21	41581	Tile & Glue	See COC		
25	41581	Tile & Mastic			
27	41581	Tile & Mastic			
31	41581	Cove base			
33	41581	Cove base			
35	41581	Cove base			
37	41581	Cove base			
39	41581	Cove base			
41	41581	Cove base			
43	41581	Cove base			
45	41581	Flashing			
47	41581	Roofing			
51	41581	Flashing			
53	41581	Flashing			
55	41581	Flashing			
63	41581	Roofing			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 12/11/12

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, IAB, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
65	41581	Flashing	See COC		
67	41581	Tar			
70	41581	Flashing			
74	41581	Roofing			
82	41581	Tar VB			
84	41581	Duct Coating			
86	41581	Roof Coating			
89	41581	Glue			
91	41581	Glue			
93	41581	Glue			
95	41581	Glue			
97	41581	Glue			
99	41581	Glue			
101	41581	Glue			
103	41581	Glue			
105	41581	Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 12/11/12

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, IAB, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
107	41581	Caulk	See COC		
109	41581	Caulk			
111	41581	Caulk			
113	41581	Caulk			
115	41581	Caulk			
119	41581	Caulk			
122	41581	Glaze			
124	41581	Glaze			
132	41581	Glaze			
134	41581	Glaze			
136	41581	Glaze			
140	41581	Glue			
142	41581	Glue			
144	41581	Glue			
146	41581	Glue			
148	41581	Cove base			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 12/11/12

PO#: **C183572**

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, IAB, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
150	41581	Cove base	See COC		
165	41581	Glue			
169	41581	Mastic			
171	41581	Glue			
173	41581	Glue			
175	41581	Glue			
189	41581	Sealant			
192	41581	Glue			
196	41581	Sealant			
198	41581	Sealant			
222	41581	Roofing			
224	41581	Roofing			
230	41581	Flashing			
241	41581	Caulk			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

IAB ✓

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

December 12, 2012

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 13563 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT - BIA, Terminal B, IAB, Windsor Locks, CT
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, IAB, Windsor Locks, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: NT 13563
Method: NOB
Date Received: 12/11/2012
Date Analyzed: 12/13/2012
Date of Report: 12/12/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT103079	252	Black tar		.0959	.37	.00	.00	.00	.00	.00	36.70	53.08	10.22	TR	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Aimee Cormier, Analyst

NT13563

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 12/10/12

PO#: **C183572**

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, IAB, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by: 12/11/12 10:30 am

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
252	41622	Tar	See COC		

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

IAB ✓

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

December 28, 2012

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Aimee L Cormier

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 13585 CLIENT PROJECT ID: 183572.0445.0710
Client Ref: CT DOT - BIA, Terminal B - IAB, Windsor Locks, CT
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.0445.0710
Client Reference: CT DOT - BIA, Terminal B - IAB, Windsor Locks, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 13585**
Method: NOB
Date Received: 12/26/2012
Date Analyzed: 12/28/2012
Date of Report: 12/28/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT103204	254	Caulk		.1140	.00	.00	.00	.00	4.88	.00	27.66	63.86	3.60	**4.88**	Yes	No
NT103205	256G	Glue		.1200	.11	.00	.00	.00	.00	.00	21.67	60.08	18.25	**TR**	Yes	No
NT103206	256	Tile		.2454	.00	.00	.00	.00	.00	.00	28.52	17.16	54.32	**ND**	Yes	No
NT103207	258G	Glue		.1751	.00	.00	.00	.00	.00	.00	4.00	35.41	60.59	**ND**	Yes	No
NT103208	258	Cove Base		.2513	.00	.00	.00	.00	.00	.00	1.20	32.35	66.45	**ND**	Yes	No
NT103209	268	Glue		.0602	.12	.00	.00	.00	.00	.00	24.09	63.95	11.96	**TR**	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Aimee L Cormier

Aimee Cormier, Analyst

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

NT 13585

Date: 12/24/12

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.0445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B- IAB, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by: [illegible] 12-26-12 1:25

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
254	41661	Caulk	See COC		
256	41661	Tile & Glue			
258	41661	CB & Glue			
268	41661	Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

September 24, 2013

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Aimee L Cormier

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 14127 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT - BIA - IAB Wall Inspection
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA - IAB Wall Inspection
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 14127**
Method: NOB
Date Received: 9/23/2013
Date Analyzed: 9/24/2013
Date of Report: 9/24/2013

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT107163	2	Tar Vapor Barrier		.3586	.00	.00	.00	.00	.00	.00	17.15	80.54	2.31	ND	Yes	No
NT107164	4	Tar Vapor Barrier		.2160	.00	.00	.00	.00	.00	.00	16.80	78.80	4.40	ND	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Mark Derosier, Analyst

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

NT14127

Date: 09/20/13

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT – BIA-IAB Wall Inspection

Relinquished by: K. Williamson - KWilliamson@trcsolutions.com

Received by: 9.23.13 @ 845 am

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: M. Kostruba

Turn Around Time: <12 Hour <24 Hour **<48 Hour** <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
2	42908	Tar VB	See COC		
4	42908	Tar VB			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

September 24, 2013

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
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Please contact me if you have any questions regarding this report or related information.

Sincerely,

Aimee L Cormier

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 14129 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT - BIA - IAB
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA - IAB
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 14129**
Method: NOB
Date Received: 9/23/2013
Date Analyzed: 9/24/2013
Date of Report: 9/24/2013

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT107168	6	Tar		.2431	.00	.00	.00	.00	.00	.00	17.03	62.94	20.03	ND	Yes	No
NT107169	8	Tar Vapor Barrier		.4855	.00	.00	.00	.00	.00	.00	9.64	87.72	2.64	ND	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Aimee Cormier, Analyst

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 09/20/13

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT – BIA-IAB

Relinquished by: K. Williamson - KWilliamson@trcsolutions.com

Received by: 9.23.13 @ 8:45 Am

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: M. Kostruba

Turn Around Time: <12 Hour <24 Hour **<48 Hour** <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
6	42915	Tar	See COC		
8	42915	Tar VB			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

October 22, 2013

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 14179 CLIENT PROJECT ID: 183572.4445.0720
Client Ref: CT DOT - BIA Terminal A-B Connector, Windsor Locks, CT
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0720
Client Reference: CT DOT - BIA Terminal A-B Connector, Windsor Locks, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 14179**
Method: NOB
Date Received: 10/21/2013
Date Analyzed: 10/22/2013
Date of Report: 10/22/2013

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT107510	01	Caulk		.1594	1.15	.00	.00	.00	.00	.00	10.33	75.85	12.67	1.15	Yes	No
NT107511	03	Glue		.1044	.00	.00	.00	.00	.00	.00	32.18	39.75	28.07	ND	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Aimee L Cormier

Aimee Cormier, Analyst

NT14179

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 10/18/13

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0720

Client Job Ref./Loc.: CT DOT – BIA- Terminal A-B Connector, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by: 10/21/13 2:40 pm

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour **<24 Hour** <48 Hour <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
01	43045	Caulk	See COC		
03	43045	Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 43045

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
183572.4445.0710	~~ConnDOT-BIA-Terminal A-B~~ Connector Windsor Locks, CT		PLM: 8hr X 24hr 48hr 3day TEM: X 24hr 48hr 3day 5day
SIGNATURE	INSPECTOR Gregory Kaczynski		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
01	10/17/13	1320		X	Exterior - doorway	X				X	Grey flexible & tacky caulk on exterior doors and windows
02	10/17/13	1322		X	Exterior - doorway	X					Grey flexible & tacky caulk on exterior doors and windows
03	10/17/13	1330		X	Exterior	X				X	Beige glue between outer metal walls and inner Styrofoam insulation
04	10/17/13	1331		X	Exterior	X					Beige glue between outer metal walls and inner Styrofoam insulation
05	10/17/13	1340		X	Hallway	X			X		Brown sheetrock (no JC)
06	10/17/13	1343		X	Hallway	X			X		Brown sheetrock (no JC)

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	10/17/13	10/18/13			
(Printed) Gregory Kaczynski	Time: 1645	(Printed) 0700	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: _____
Acceptable: Yes _____ No _____
Comments:

✓ MT

ProScience Analytical Services, Inc

October 31, 2012

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

BIA

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Aimee L Cormier

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 13520 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT - BIA, Terminal B, Murphy Terminal, Windsor Locks, CT
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, Murphy Terminal, Windsor Locks, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: NT 13520
Method: NOB
Date Received: 10/25/2012
Date Analyzed: 10/31/2012
Date of Report: 10/31/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102586	01	Glue		.1296	.00	.00	.00	.00	.00	.00	44.98	53.86	1.16	ND	Yes	No
NT102587	03	Glue		.0809	.00	.00	.00	.00	.00	.00	32.14	36.71	31.15	ND	Yes	No
NT102588	05	Glue		.0383	.00	.00	.00	.00	.00	.00	34.73	52.22	13.05	ND	Yes	No
NT102589	07	Glue		.2034	.00	.00	.00	.00	.00	.00	31.27	52.11	16.62	ND	Yes	No
NT102590	09	Glue		.1206	.00	.00	.00	.00	.00	.00	32.67	64.01	3.32	ND	Yes	No
NT102591	11	Glue		.0357	.00	.00	.00	.00	.00	.00	11.48	39.78	48.74	ND	Yes	No
NT102592	13	Glue		.1247	.00	.00	.00	.00	.00	.00	46.51	48.28	5.21	ND	Yes	No
NT102593	17	Glue		.1291	.03	.00	.00	.00	.00	.00	5.73	34.47	59.80	TR	Yes	No
NT102594	19	Glue		.1375	.00	.00	.00	.00	.00	.00	8.22	24.29	67.49	ND	Yes	No
NT102595	21	Glue		.1851	.00	.00	.00	.00	.00	.00	42.25	43.92	13.83	ND	Yes	No
NT102596	25	Glue		.0668	.00	.00	.00	.00	.00	.00	4.34	37.13	58.53	ND	Yes	No
NT102597	27	Glue		.1878	.00	.00	.00	.00	.00	.00	27.43	41.53	31.04	ND	Yes	No
NT102598	29	Glue		.0984	.00	.00	.00	.00	.00	.00	15.54	35.37	49.09	ND	Yes	No
NT102599	31	Glue		.1171	.00	.00	.00	.00	.00	.00	5.55	62.34	32.11	ND	Yes	No
NT102600	33	Glue		.2265	.00	.00	.00	.00	.00	.00	39.47	33.42	27.11	ND	Yes	No

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Batch: NT 13520
Method: NOB
Date Received: 10/25/2012
Date Analyzed: 10/31/2012
Date of Report: 10/31/2012

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, Murphy Terminal, Windsor Locks, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102601	35	Glue		.1258	.00	.00	.00	.00	.00	.00	42.60	44.28	13.12	ND	Yes	No
NT102602	37	Glue Daub		.2838	.00	.00	.00	.00	.00	.00	38.12	56.98	4.90	ND	Yes	No
NT102603	39	Glue		.0565	.00	.00	.00	.00	.00	.00	26.02	72.21	1.77	ND	Yes	No
NT102604	41	Glue		.2041	.00	.00	.00	.00	.00	.00	35.91	45.32	18.77	ND	Yes	No
NT102605	43	Glue		.4850	.00	.00	.00	.00	.57	.00	28.33	69.81	1.86	TR	Yes	No
NT102606	45	Glue Daub		.1966	.00	.00	.00	.00	.00	.00	48.68	49.08	2.24	ND	Yes	No
NT102607	49	Glue Daub		.3854	.00	.00	.00	.00	.00	.00	34.36	46.39	19.25	ND	Yes	No
NT102608	51	Glue		.0968	.00	.00	.00	.00	.00	.00	4.44	33.37	62.19	ND	Yes	No
NT102609	53	Glue		.1138	.00	.00	.00	.00	.00	.00	53.07	43.94	2.99	ND	Yes	No
NT102610	55	Glue Daub		.1087	.00	.00	.00	.00	.00	.00	38.64	42.78	18.58	ND	Yes	No
NT102611	57	Glue Daub		.3201	.00	.00	.00	.00	.00	.00	33.39	34.65	31.96	ND	Yes	No
NT102612	59	Glue Daub		.1705	.00	.00	.00	.00	.00	.00	25.28	50.79	23.93	ND	Yes	No
NT102613	61	Glue		.1717	.00	.00	.00	.00	.00	.00	14.16	39.31	46.53	ND	Yes	No
NT102614	63	Glue		.3003	.00	.00	.00	.00	.00	.00	3.56	39.96	56.48	ND	Yes	No
NT102615	65	Glue		.1762	.00	.00	.00	.00	.00	.00	9.31	50.34	40.35	ND	Yes	No

ProScience Analytical Services, Inc.
22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, Murphy Terminal, Windsor Locks, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: NT 13520
Method: NOB
Date Received: 10/25/2012
Date Analyzed: 10/31/2012
Date of Report: 10/31/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102616	69	Glue		.4852	.00	.00	.00	.00	.00	.00	53.55	44.04	2.41	ND	Yes	No
NT102617	71	Glue		.0581	.00	.00	.00	.00	.00	.00	35.11	58.69	6.20	ND	Yes	No
NT102618	75	Glue		.1496	.00	.00	.00	.00	.00	.00	33.42	61.43	5.15	ND	Yes	No
NT102619	77	Glue Daub		.3129	.00	.00	.00	.00	.00	.00	53.79	44.10	2.11	ND	Yes	No
NT102620	79	Glue Daub		.0749	4.67	.00	.00	.00	.00	.00	2.00	38.72	54.61	4.67	Yes	No
NT102621	81	Glue Daub		.0283	10.64	.00	.00	.00	.00	.00	4.56	66.78	18.02	10.64	Yes	No
NT102622	83	Glue Daub		.1281	.00	.00	.00	.00	.00	.00	32.24	36.07	31.69	ND	Yes	No
NT102623	85	Glue Daub		.3639	.00	.00	.00	.00	.00	.00	46.97	51.22	1.81	ND	Yes	No
NT102625	91	Glue		.1609	.00	.00	.00	.00	.00	.00	36.42	21.44	42.14	ND	Yes	No
NT102626	95	Glue		.0918	.00	.00	.00	.00	.00	.00	31.92	57.08	11.00	ND	Yes	No
NT102627	97	Glue		.0796	.00	.00	.00	.00	.00	.00	.50	99.50	.00	ND	Yes	No
NT102628	101	Glue		.0902	.00	.00	.00	.00	.00	.00	26.49	41.91	31.60	ND	Yes	No
NT102629	217	Tile Only		.2389	.00	.00	.00	.00	.00	.00	6.19	11.68	82.13	ND	Yes	No
NT102630	223	Tile Only		.2337	.00	.00	.00	.00	.00	.00	1.37	3.38	95.25	ND	Yes	No
NT102632	225	Tile		.3864	.00	.00	.00	.00	.00	.00	1.99	11.39	86.62	ND	Yes	No

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, Murphy Terminal, Windsor Locks, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: NT 13520
Method: NOB
Date Received: 10/25/2012
Date Analyzed: 10/31/2012
Date of Report: 10/31/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102633	227G	Glue		.0291	.00	.00	.00	.00	.00	.00	20.97	63.57	15.46	ND	Yes	No
NT102634	227	Tile		.1814	.00	.00	.00	.00	.00	.00	2.15	8.10	89.75	ND	Yes	No
NT102635	231G	Glue		.0058	.00	.00	.00	.00	.00	.00	6.90	93.10	.00	ND	Yes	No
NT102636	231	Tile		.1969	.00	.00	.00	.00	.00	.00	6.66	15.03	78.31	ND	Yes	No
NT102637	233	Tile Only		.0865	.00	.00	.00	.00	.00	.00	24.85	22.20	52.95	ND	Yes	No
NT102639	235	Tile		.2586	.00	.00	.00	.00	.00	.00	5.38	16.47	78.15	ND	Yes	No
NT102640	237M	Mastic		.0098	.00	.00	.00	.00	.00	.00	1.02	53.06	45.92	ND	Yes	No
NT102641	237	Tile		.2869	.00	.00	.00	.00	.00	.00	10.70	9.93	79.37	ND	Yes	No
NT102642	239	Tile Only		.5831	.00	.00	.00	.00	.00	.00	39.77	13.09	47.14	ND	Yes	No
NT102643	243	Tile Only		.2141	.00	.00	.00	.00	.00	.00	4.43	9.86	85.71	ND	Yes	No
NT102644	249G	Glue		.0077	.00	.00	.00	.00	.00	.00	16.89	75.32	7.79	ND	Yes	No
NT102645	249	Tile		.4134	.00	.00	.00	.00	.00	.00	14.54	12.29	73.17	ND	Yes	No
NT102646	253M	Mastic		.0700	1.26	.00	.00	.00	.00	.00	23.88	59.57	15.29	1.26	Yes	No
NT102647	253	Tile		.3721	1.09	.00	.00	.00	5.47	.00	48.16	29.37	15.91	6.56	Yes	No
NT102648	257M	Mastic		.1046	.43	.00	.00	.00	.00	.00	21.42	73.80	4.78	TR	Yes	No

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Batch: NT 13520
Method: NOB
Date Received: 10/25/2012
Date Analyzed: 10/31/2012
Date of Report: 10/31/2012

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, Murphy Terminal, Windsor Locks, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102649	257	Tile		.4553	.00	.00	.00	.00	.00	.00	11.46	6.26	82.28	ND	Yes	No
NT102651	259	Tile		.2813	.00	.00	.00	.00	.00	.00	3.59	1.81	94.60	ND	Yes	No
NT102652	261	Mastic Only		.1672	.78	.00	.00	.00	.00	.00	38.87	57.66	3.47	TR	Yes	No
NT102653	263	Tile Only		.2296	.00	.00	.00	.00	.00	.00	2.39	1.79	95.82	ND	Yes	No
NT102654	265	Tile		.4184	.00	.00	.00	.00	.00	.00	30.57	12.93	56.50	ND	Yes	No
NT102655	267M	Mastic		.0110	.00	.00	.00	.00	.00	.00	10.00	80.00	10.00	ND	Yes	No
NT102656	267	Tile		.7577	.00	.00	.00	.00	.00	.00	3.50	12.60	83.90	ND	Yes	No
NT102657	271	Tile Only		.2478	.00	.00	.00	.00	3.35	.00	19.01	28.69	48.95	3.35	Yes	No
NT102658	277M	Mastic		.0488	.00	.00	.00	.00	.00	.00	15.98	60.66	23.36	ND	Yes	No
NT102659	277	Tile		.7198	.00	.00	.00	.00	.00	.00	22.75	10.34	66.91	ND	Yes	No

Comments: Samples 225M, 235M and 259G were unable to be analyzed due to insufficient sample volume.

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Aimee L Cormier for
Mark Derosier, Analyst

NT13520

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 10/25/12

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by: Bruce Perry 10/26/12 10:25

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
01	41493	Glue	See COC		
03	41493	Glue			
05	41493	Glue			
07	41493	Glue			
09	41493	Glue			
11	41493	Glue			
13	41493	Glue			
17	41493	Glue			
19	41493	Glue			
21	41493	Glue			
25	41493	Glue			
27	41493	Glue			
29	41493	Glue			
31	41493	Glue			
33	41493	Glue			
35	41493	Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 10/25/12

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
37	41493	Glue daub	See COC		
39	41493	Glue			
41	41493	Glue			
43	41493	Glue			
45	41493	Glue daub			
49	41493	Glue daub			
51	41493	Glue			
53	41493	Glue			
55	41493	Glue daub			
57	41493	Glue daub			
59	41493	Glue daub			
61	41493	Glue			
63	41493	Glue			
65	41493	Glue			
69	41493	Glue			
71	41493	Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 10/25/12

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
75	41493	Glue	See COC		
77	41493	Glue daub			
79	41493	Glue daub			
81	41493	Glue daub			
83	41493	Glue daub			
85	41493	Glue daub			
87	41493	Glue			
91	41493	Glue			
95	41493	Glue			
97	41493	Glue			
101	41493	Glue			
217	41493	Tile only			
223	41493	Tile only			
225	41493	Tile & Mastic			
227	41493	Tile & Glue			
231	41493	Tile & Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 10/25/12

PO#: **C183572**

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Turn Around Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
233	41493	Tile only	See COC		
235	41493	Tile & Mastic			
237	41493	Tile & Mastic			
239	41493	Tile only			
243	41493	Tile only			
249	41493	Tile & Glue			
253	41493	Tile & Mastic			
257	41493	Tile & Mastic			
259	41493	Tile & Glue			
261	41493	Mastic only			
263	41493	Tile only			
265	41493	Tile			
267	41493	Tile & Mastic			
271	41493	Tile only			
277	41493	Tile & Mastic			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

✓ MT

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

November 13, 2012

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Aimee L Cormier

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 13524 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT - BIA Terminal B, Murphy Terminal
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA Terminal B, Murphy Terminal
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: NT 13524
Method: NOB
Date Received: 11/2/2012
Date Analyzed: 11/13/2012
Date of Report: 11/13/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102665	313	Blue vinyl covebase		.4832	.00	.00	.00	.00	.00	.00	1.39	53.54	45.07	ND	Yes	No
NT102666	315	Black covebase		.3481	.00	.00	.00	.00	.00	.00	45.42	53.09	1.49	ND	Yes	No
NT102667	317	Grey covebase		.1012	.00	.00	.00	.00	.00	.00	61.46	36.46	2.08	ND	Yes	No
NT102668	319	Dark brown covebase		.1948	.00	.00	.00	.00	.00	.00	40.50	54.98	4.52	ND	Yes	No
NT102669	321	Black covebase		.1723	.00	.00	.00	.00	.00	.00	43.18	55.02	1.80	ND	Yes	No
NT102670	323	Brown covebase		.2811	.00	.00	.00	.00	.00	.00	40.13	55.67	4.20	ND	Yes	No
NT102671	325	Blue covebase		.5022	.00	.00	.00	.00	.00	.00	.32	54.28	45.40	ND	Yes	No
NT102672	327	Grey covebase		.1331	.00	.00	.00	.00	.00	.00	.90	57.33	41.77	ND	Yes	No
NT102673	329	White covebase		.4235	.00	.00	.00	.00	.00	.00	1.20	51.57	47.23	ND	Yes	No
NT102674	331	Cream covebase		.2233	.00	.00	.00	.00	.00	.00	1.79	55.04	43.17	ND	Yes	No
NT102675	333	Tan covebase		.3359	.00	.00	.00	.00	.00	.00	3.39	39.39	57.22	ND	Yes	No
NT102676	335	Cream covebase glue		.1325	.00	.00	.00	.00	.00	.00	50.65	36.60	12.75	ND	Yes	No
NT102677	337	Light brown covebase glue		.1534	.00	.00	.00	.00	.00	.00	38.53	37.48	23.99	ND	Yes	No
NT102678	339	Tan covebase glue		.1171	.00	.00	.00	.00	.00	.00	42.86	52.78	4.36	ND	Yes	No
NT102679	342	Dark brown covebase glue		.2326	.00	.00	.00	.00	.00	.00	10.79	47.42	41.79	ND	Yes	No

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
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Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA Terminal B, Murphy Terminal
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: NT 13524
Method: NOB
Date Received: 11/2/2012
Date Analyzed: 11/13/2012
Date of Report: 11/13/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102680	344	Black covebase glue		.1053	.00	.00	.00	.00	.00	.00	35.90	63.63	.47	ND	Yes	No
NT102681	352	Grey flexible caulk		.2824	.00	.00	.00	.00	.05	.00	10.23	34.21	55.56	TR	Yes	No
NT102682	354	White flexible caulk		.1077	.00	.00	.00	.00	.00	.00	3.90	24.61	71.49	ND	Yes	No
NT102683	356	Grey sticky flex caulk		.6781	.00	.00	.00	.00	.00	.00	36.49	57.97	5.54	ND	Yes	No
NT102684	358	Dark brown hard caulk		.7842	.27	.00	.00	.00	.27	.00	13.64	44.11	42.25	TR	Yes	No
NT102685	360	Slightly flexible light brown caulk		.1808	.00	.00	.00	.00	.00	.00	15.04	41.21	43.75	ND	Yes	No
NT102686	364	Semi pliable sticky grey caulk		.2106	.32	.00	.00	.00	.00	.00	15.95	42.36	41.69	TR	Yes	No
NT102687	368	Sticky flexible dark brown caulk		.3747	.00	.00	.00	.00	.00	.00	5.44	65.31	29.25	ND	Yes	No
NT102688	406	Black putty interior window glaze		.1264	.00	.00	.00	.00	.00	.00	53.40	32.04	14.56	ND	Yes	No
NT102689	408	Hard grey glaze		.0899	.09	.00	.00	.00	.00	.00	1.78	14.91	83.31	TR	Yes	No
NT102690	410	Hard tan window glaze		.1472	1.81	.00	.00	.00	.00	.00	.78	13.99	83.42	1.81	Yes	No
NT102691	412	Flex grey glaze		.1327	.00	.00	.00	.00	.00	.00	19.14	55.24	25.62	ND	Yes	No
NT102692	414	Hard white glaze		.0218	.00	.00	.00	.00	1.24	.00	23.53	13.76	61.47	1.24	Yes	No
NT102693	420	Hard white window glaze patch		.7221	.00	.00	.00	.00	3.25	.00	2.16	13.41	81.18	3.25	Yes	No
NT102694	422	Hard grey glaze		.3060	.00	.00	.00	.00	.00	.00	.65	10.95	88.40	ND	Yes	No

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA Terminal B, Murphy Terminal
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: NT 13524
Method: NOB
Date Received: 11/2/2012
Date Analyzed: 11/13/2012
Date of Report: 11/13/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102695	424	Grey soft flex glaze		.0475	.00	.00	.00	.00	.00	.00	3.79	48.21	48.00	ND	Yes	No
NT102696	426	Black putty patch window glaze		.5178	.17	.00	.00	.00	.00	.00	8.31	44.80	46.89	TR	Yes	No
NT102697	428	black putty door window glaze		.2078	.00	.00	.00	.00	.00	.00	16.36	38.69	44.95	ND	Yes	No
NT102698	432	White putty door window glaze		.1202	17.94	.00	.00	.00	.00	.00	7.69	31.03	43.34	17.94	Yes	No
NT102699	434	black tar vapor barrier		.3706	.00	.00	.00	.00	.00	.00	.22	99.51	.27	ND	Yes	No
NT102700	440	Tar layer		.2307	.00	.00	.00	.00	.00	.00	4.25	93.71	2.04	ND	Yes	No
NT102701	454	Hard tan sealant		.2075	.95	.00	.00	.00	.00	.00	47.52	51.42	1.06	TR	Yes	No
NT102702	458	Brown seam sealant		.5932	.00	.00	.00	.00	.00	.00	53.17	41.72	5.11	ND	Yes	No
NT102703	462	Yelow crumbly duct glue		.0522	.00	.00	.00	.00	.00	.00	24.72	70.11	5.17	ND	Yes	No
NT102704	464	Red duct sealant		.0918	.00	.00	.00	.00	.00	.00	4.58	83.55	11.87	ND	Yes	No
NT102705	466	Grey putty sealant		.1818	.00	.00	.00	.00	.00	.00	67.88	23.54	8.58	ND	Yes	No
NT102706	468	White leveler/ black residual		.2041	13.75	.00	.00	.00	.00	.00	5.90	24.20	56.15	13.75	Yes	No
NT102707	474	grey/black/green leveler		.2871	.00	.00	.00	.00	.00	.00	31.10	53.78	15.12	ND	Yes	No
NT102708	478	Yellow/orange glue		.0885	.00	.00	.00	.00	.00	.00	42.71	50.28	7.01	ND	Yes	No
NT102709	480	Beige carpet glue		.0583	.00	.00	.00	.00	.00	.00	38.76	49.23	12.01	ND	Yes	No

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA Terminal B, Murphy Terminal
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 13524**
Method: NOB
Date Received: 11/2/2012
Date Analyzed: 11/13/2012
Date of Report: 11/13/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102710	482	Green carpet glue		.0660	.00	.00	.00	.00	.00	.00	55.91	21.36	22.73	ND	Yes	No
NT102711	484	Yellow powdery carpet glue		.0849	.00	.00	.00	.00	.00	.00	19.31	28.39	52.30	ND	Yes	No
NT102712	486	Yellow/orange wall carpet glue		.2068	.00	.00	.00	.00	.00	.00	26.07	72.58	1.35	ND	Yes	No
NT102713	488	White flaky glue		.1383	.00	.00	.00	.00	.00	.00	47.65	43.31	9.04	ND	Yes	No
NT102714	490	Dark orange wall carpet glue		.0349	.00	.00	.00	.00	.00	.00	30.95	57.59	11.46	ND	Yes	No
NT102715	492	Yellow glue		.1743	.00	.00	.00	.00	.00	.00	19.67	6.66	73.67	ND	Yes	No
NT102716	494	Cream glue		.3723	.00	.00	.00	.00	.00	.00	16.70	19.80	63.50	ND	Yes	No
NT102717	496	White sink undercoating		.2300	.00	.00	.00	.00	.00	.00	43.70	26.91	29.39	ND	Yes	No
NT102718	498	Black sink tar undercoating		.0544	.00	.00	.00	.00	.00	.00	18.75	79.96	1.29	ND	Yes	No
NT102719	500	Black thin smooth sink undercoating		.0469	.75	.00	.00	.00	.00	.00	37.53	25.37	37.10	TR	Yes	No
NT102720	502	Black sink tar undercoating		.0608	.00	.00	.00	.00	.00	.00	35.53	14.80	49.67	ND	Yes	No
NT102721	504	Dard red fire peneration caulk		.4736	.00	.00	.00	.00	.00	.00	56.99	41.98	1.03	ND	Yes	No
NT102722	506	Brown fire penetration caulk		.2171	.00	.00	.00	.00	.00	.00	41.83	57.85	.32	ND	Yes	No
NT102723	515	White flashing tar		.2530	.00	.00	.00	.00	.00	.00	36.21	55.65	8.14	ND	Yes	No
NT102724	519	Residual black mastic		.1029	.00	.00	.00	.00	.00	.00	13.60	71.14	15.26	ND	Yes	No

ProScience Analytical Services, Inc.
22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA Terminal B, Murphy Terminal
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: NT 13524
Method: NOB
Date Received: 11/2/2012
Date Analyzed: 11/13/2012
Date of Report: 11/13/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102725	532	Black expansion joint material in floor		.0412	.00	.00	.00	.00	.00	.00	7.28	89.81	2.91	ND	Yes	No
NT102726	534	Black tar expansion joint material		.2377	.71	.00	.00	.00	.00	.00	35.63	56.25	8.12	TR	Yes	No
NT102727	536	Residual black tar on wall		.2352	1.33	.00	.00	.00	.00	.00	65.17	8.46	25.04	1.33	Yes	No
NT102728	544	Hard white door window glaze		.3919	.00	.00	.00	.00	.03	.00	5.18	12.38	82.44	TR	Yes	No
NT102729	548M	Yellow glue		.0529	.00	.00	.00	.00	.00	.00	33.84	32.70	33.46	ND	Yes	No
NT102730	548	Wood stain pattern flooring		.4031	.00	.00	.00	.00	.00	.00	1.32	30.09	68.59	ND	Yes	No
NT102731	550M	Yellow glue		.1191	.00	.00	.00	.00	.00	.00	61.88	37.87	.25	ND	Yes	No
NT102732	550	Tan small stone pattern linoleum		.2119	.00	.00	.00	.00	.00	.00	9.02	34.87	56.11	ND	Yes	No
NT102733	552	Black thin tar like coating		.0434	.00	.00	.00	.00	.00	.00	21.43	46.31	32.26	ND	Yes	No
NT102734	554	Black thin tar like coating		.1098	.00	.00	.00	.00	.29	.00	57.56	4.74	37.70	TR	Yes	No
NT102735	565	Hard white seam sealant		.1312	.00	.00	.00	.00	.00	.00	60.44	35.52	4.04	ND	Yes	No
NT102736	586	Dark brown glue daub		.6466	.00	.00	.00	.00	.00	.00	3.08	45.56	51.36	ND	Yes	No
NT102737	588	Black mastic associated with floor tile		.0448	.00	.00	.00	.00	.00	.00	6.25	77.90	15.85	ND	Yes	No

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #:	183572.4445.0710	**Batch:**	**NT 13524**
Client Reference:	CT DOT - BIA Terminal B, Murphy Terminal	Method:	NOB
PO #:	C183572	Date Received:	11/2/2012
Client #:	297	Date Analyzed:	11/13/2012
Client Name:	TRC Environmental Corp. (CT)	Date of Report:	11/13/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Mark Derosier, Analyst

NT13524

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/01/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by: 11-2-12 1107A

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
313	41493	Cove base	See COC		
315	41493	Cove base			
317	41493	Cove base			
319	41493	Cove base			
321	41493	Cove base			
323	41493	Cove base			
325	41493	Cove base			
327	41493	Cove base			
329	41493	Cove base			
331	41493	Cove base			
333	41493	Cove base			
335	41493	Glue			
337	41493	Glue			
339	41493	Glue			
342	41493	Glue			
344	41493	Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/01/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
352	41493	Caulk	See COC		
354	41493	Caulk			
356	41493	Caulk			
358	41493	Caulk			
360	41493	Caulk			
364	41493	Caulk			
368	41493	Caulk			
406	41493	Glaze			
408	41493	Glaze			
410	41493	Glaze			
412	41493	Glaze			
414	41493	Glaze			
420	41493	Glaze			
422	41493	Glaze			
424	41493	Glaze			
426	41493	Glaze			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/01/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
428	41493	Glaze	See COC		
432	41493	Glaze			
434	41493	Tar VB			
440	41493	Tar			
454	41493	Sealant			
458	41493	Sealant			
462	41493	Duct Glue			
464	41493	Sealant			
466	41493	Sealant			
468	41493	Leveler/Mastic			
474	41493	Leveler			
478	41493	Glue			
480	41493	Glue			
482	41493	Glue			
484	41493	Glue			
486	41493	Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/01/12

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
488	41493	Glue	See COC		
490	41493	Glue			
492	41493	Glue			
494	41493	Glue			
496	41493	Sink Undercoating			
498	41493	Sink Undercoating			
500	41493	Sink Undercoating			
502	41493	Sink Undercoating			
504	41493	Caulk			
506	41493	Caulk			
515	41493	Flashing			
519	41493	Mastic			
532	41493	Expansion Joint Material			
534	41493	Expansion Joint Material			
536	41493	Tar daubs			
544	41493	Glaze			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/01/12

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
548	41493	Glue & Linoleum	See COC		
550	41493	Glue & Linoleum			
552	41493	Tar Coating			
554	41493	Tar Coating			
565	41493	Sealant			
586	41493	Glue Daub			
588	41493	Mastic			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

✓ MT

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

November 13, 2012

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Aimee L Cormier

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 13528 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT- BIA Terminal B, Murphy Terminal
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT- BIA Terminal B, Murphy Terminal
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 13528**
Method: NOB
Date Received: 11/6/2012
Date Analyzed: 11/13/2012
Date of Report: 11/13/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102767	87	Glue		.3917	.00	.00	.00	.00	.00	.00	.95	31.68	67.37	**ND**	Yes	No
NT102768	225	Mastic		.1507	3.17	.00	.00	.00	.00	.00	12.69	80.03	4.11	**3.17**	Yes	No
NT102769	235	Mastic		.0828	.00	.00	.00	.00	.00	.00	2.78	87.44	9.78	**ND**	Yes	No
NT102770	259	Yellow Glue		.2011	3.01	.00	.00	.00	.00	.00	7.03	87.92	2.04	**3.01**	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Mark Derosier, Analyst

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

NT 13528

Date: 11/05/12

PO#: **C183572**

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by: 11/6 1020A

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
87	41493	Glue	See COC		
225	41493	Mastic			
235	41493	Mastic			
259	41493	Yellow Glue			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

MT

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

November 27, 2012

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Aimee L. Cormier

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 13539 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT - BIA, Terminal B, Murphy Terminal, Windsor Locks, CT
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, Murphy Terminal, Windsor Locks, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 13539**
Method: NOB
Date Received: 11/16/2012
Date Analyzed: 11/27/2012
Date of Report: 11/27/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102873	594	Grey Caulk		.2292	.00	.00	.00	.00	.00	.00	6.07	43.06	50.87	**ND**	Yes	No
NT102874	596	Black Caulk		.0985	.00	.00	.00	.00	.00	.00	40.81	38.07	21.12	**ND**	Yes	No
NT102875	598	Biege Caulk		.1324	.00	.00	.00	.00	.00	.00	32.71	65.33	1.96	**ND**	Yes	No
NT102876	602	White Caulk		.5960	.00	.00	.00	.00	3.88	.00	9.03	13.78	73.31	**3.88**	Yes	No
NT102877	604	Dark Grey Caulk		.4308	3.96	.00	.00	.00	.00	.00	.98	13.35	81.71	**3.96**	Yes	No
NT102878	606	Grey Caulk		.2502	.00	.00	.00	.00	.00	.00	33.01	63.47	3.52	**ND**	Yes	No
NT102879	608	Light Grey Caulk		.2886	.00	.00	.00	.00	.00	.00	19.30	74.71	5.99	**ND**	Yes	No
NT102880	610	Light Brown Caulk		.1192	.04	.00	.00	.00	.00	.00	8.22	55.37	36.41	**TR**	Yes	No
NT102881	612	Grey Caulk		.1603	.14	.00	.00	.00	.14	.00	27.01	36.31	36.68	**TR**	Yes	No
NT102882	616	Grey Cementitious Material		.2822	.00	.00	.00	.00	.00	.00	37.11	13.00	49.89	**ND**	Yes	No
NT102883	620	Grey Pipe Tape		.0834	.00	.00	.00	.00	.00	.00	16.54	80.70	2.76	**ND**	Yes	No
NT102884	622	Grey Caulk		.1711	.00	.00	.00	.00	.00	.00	7.72	62.36	29.92	**ND**	Yes	No
NT102885	626	Grey Caulk		.2586	.00	.00	.00	.00	.07	.00	14.27	35.15	50.58	**TR**	Yes	No
NT102886	628	Grey Caulk		.2181	.05	.00	.00	.00	.00	.00	9.45	52.91	37.64	**TR**	Yes	No
NT102887	630	Silver Tape Wrap		.1680	.00	.00	.00	.00	.00	.00	.71	97.74	1.55	**ND**	Yes	No

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, Murphy Terminal, Windsor Locks, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 13539**
Method: NOB
Date Received: 11/16/2012
Date Analyzed: 11/27/2012
Date of Report: 11/27/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102888	632	Black Vapor Barrier		.2208	.00	.00	.00	.00	.00	.00	1.63	40.67	57.70	ND	Yes	No
NT102889	634	Black Expansion Joint		.2128	.00	.00	.00	.00	.00	.00	12.31	40.84	46.85	ND	Yes	No
NT102890	642	White Window Glaze		.2698	.00	.00	.00	.00	.00	.00	16.98	30.87	52.15	ND	Yes	No
NT102891	650	Brown Glue		.2626	.00	.00	.00	.00	.00	.00	45.20	49.09	5.71	ND	Yes	No
NT102892	652	Cream Glue Daubs		.1736	.00	.00	.00	.00	.00	.00	34.57	49.42	16.01	ND	Yes	No
NT102893	654	Glue		.1312	.00	.00	.00	.00	.00	.00	14.64	43.67	41.69	ND	Yes	No
NT102894	656	Dark Brown Glue Daub		.1800	.00	.00	.00	.00	.00	.00	49.55	43.17	7.28	ND	Yes	No
NT102895	660	Rust Sealant		.0870	.00	.00	.00	.00	.00	.00	7.82	67.47	24.71	ND	Yes	No
NT102896	662	Black Asphalt Walking Tile		.3696	.00	.00	.00	.00	.00	.00	14.96	77.06	7.98	ND	Yes	No
NT102897	664	Black Tar		.3607	.00	.00	.00	.00	.00	.00	.70	94.37	4.93	ND	Yes	No
NT102898	666	Black Tar		.2993	1.52	.00	.00	.00	.00	.00	8.60	83.33	6.55	**1.52**	Yes	No
NT102899	668	Black Tar		.1756	.00	.00	.00	.00	.00	.00	.97	88.27	10.76	ND	Yes	No
NT102900	670	Black Tar		.4527	.28	.00	.00	.00	.00	.00	2.82	91.41	5.77	TR	Yes	No
NT102901	672	Black Tar		.3208	.34	.00	.00	.00	.00	.00	1.13	89.21	9.66	TR	Yes	No
NT102902	676	Black Flashing		.3484	1.80	.00	.00	.00	.00	.00	2.19	82.18	13.83	**1.80**	Yes	No

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA, Terminal B, Murphy Terminal, Windsor Locks, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 13539**
Method: NOB
Date Received: 11/16/2012
Date Analyzed: 11/27/2012
Date of Report: 11/27/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102903	678	Black Flashing		.2506	7.76	.00	.00	.00	.00	.00	11.63	72.23	8.38	**7.76**	Yes	No
NT102904	680	Black Flashing		.4412	3.75	.00	.00	.00	.00	.00	2.51	77.72	16.02	**3.75**	Yes	No
NT102905	682	Black Flashing		.5219	.00	.00	.00	.00	.00	.00	.77	89.29	9.94	**TR**	Yes	No
NT102906	684	Black Flashing		.4675	1.85	.00	.00	.00	.00	.00	1.23	85.73	11.19	**1.85**	Yes	No
NT102907	686	Black Flashing		.3870	.02	.00	.00	.00	.00	.00	.80	85.89	13.31	**TR**	Yes	No
NT102908	688	Light Grey Sealant		.2110	.00	.00	.00	.00	.00	.00	12.46	19.81	67.73	**ND**	Yes	No
NT102909	690	Beige Sealant		.1723	.00	.00	.00	.00	1.69	.00	32.20	27.86	38.25	**1.69**	Yes	No
NT102910	692	Grey Caulk		.5225	.08	.00	.00	.00	.33	.00	16.67	40.86	42.47	**TR**	Yes	No
NT102911	694	Beige Caulk		.3888	.00	.00	.00	.00	.00	.00	20.01	61.24	18.75	**ND**	Yes	No
NT102912	696	White Asphalt Roll-on		.7467	.00	.00	.00	.00	.00	.00	19.74	59.72	20.54	**ND**	Yes	No
NT102913	698	Grey Roll-on Asphalt		.7668	.00	.00	.00	.00	.00	.00	21.31	52.39	26.30	**ND**	Yes	No
NT102914	700	Black Sealant		.1541	.00	.00	.00	.00	.00	.00	16.36	49.90	33.74	**ND**	Yes	No
NT102915	702	Black Flashing		.2833	.00	.00	.00	.00	.00	.00	21.00	72.22	6.78	**ND**	Yes	No
NT102916	706	Black Tar		.3208	.03	.00	.00	.00	.00	.00	6.39	60.35	33.26	**TR**	Yes	No
NT102917	708	Black Roofing		.2593	.00	.00	.00	.00	.00	.00	26.96	69.80	3.24	**ND**	Yes	No

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #:	183572.4445.0710
Client Reference:	CT DOT - BIA, Terminal B, Murphy Terminal, Windsor Locks, CT
PO #:	C183572
Client #:	297
Client Name:	TRC Environmental Corp. (CT)

Batch:	**NT 13539**
Method:	NOB
Date Received:	11/16/2012
Date Analyzed:	11/27/2012
Date of Report:	11/27/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Aimee L Cormier

Aimee Cormier, Analyst

Proscience Analytical Services, Inc.

NT 13539

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/15/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by: [illegible] 11/16/12 10:25am

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
594	41531	Grey Caulk	See COC		
596	41531	Black Caulk			
598	41531	Beige Caulk			
602	41531	White Caulk			
604	41531	Dark Grey Caulk			
606	41531	Grey Caulk			
608	41531	Light Grey Caulk			
610	41531	Light Brown Caulk			
612	41531	Grey Caulk			
616	41531	Grey			
620	41531	Grey			
622	41531	Grey Caulk			
626	41531	Grey Caulk			
628	41531	Grey Caulk			
630	41531	Silver			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/15/12

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
632	41531	Black Vapor Barrier	See COC		
634	41531	Black			
642	41531	White Window Glaze			
650	41531	Brown Glue			
652	41531	Cream Glue Daubs			
654	41531	Glue			
656	41531	Dark Brown Glue Daub			
660	41531	Rust Sealant			
662	41531	Black			
664	41531	Black Tar			
666	41531	Black Tar			
668	41531	Black Tar			
670	41531	Black Tar			
672	41531	Black Tar			
676	41531	Black Flashing			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/15/12

PO#: **C183572**

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by:

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
678	41531	Black Flashing	See COC		
680	41531	Black Flashing			
682	41531	Black Flashing			
684	41531	Black Flashing			
686	41531	Black Flashing			
688	41531	Light Grey Sealant			
690	41531	Beige Sealant			
692	41531	Grey Caulk			
694	41531	Beige Caulk			
696	41531	White			
698	41531	Grey			
700	41531	Black Sealant			
702	41531	Black Flashing			
706	41531	Black Tar			
708	41531	Black Roofing			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

✓MT

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

December 03, 2012

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

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This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Aimee L Cormier

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 13546 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT - BIA Terminal B, Murphy Terminal, Windsor Locks, CT
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA Terminal B, Murphy Terminal, Windsor Locks, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 13546**
Method: NOB
Date Received: 11/27/2012
Date Analyzed: 12/3/2012
Date of Report: 12/3/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT102946	710	Beige brittle caulk		.3015	.79	.00	.00	.00	.08	.00	15.85	40.60	43.55	TR	Yes	No
NT102947	714	Brown soft crumbly window glaze		.0588	27.32	.00	.00	.00	.00	.00	33.39	20.75	18.54	27.32	Yes	No
NT102948	720	Glue globs		.1550	.00	.00	.00	.00	.00	.00	41.61	49.55	8.84	ND	Yes	No
NT102949	722	Grey sealant		.2118	.00	.00	.00	.00	.00	.00	16.29	36.59	47.12	ND	Yes	No
NT102950	724	Grey sealant		1.3963	.00	.00	.00	.00	.00	.00	3.63	18.71	77.66	ND	Yes	No
NT102951	726	Roofing		.4501	.00	.00	.00	.00	.00	.00	8.67	58.05	33.28	ND	Yes	No
NT102952	728	Flashing tar		.3246	.00	.00	.00	.00	.00	.00	17.69	77.17	5.14	ND	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Aimee L Cormier

Aimee Cormier, Analyst

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 11/26/12

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B, Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by: 11/27/12 13:00

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
710	41553	Caulk	See COC		
714	41553	Glaze			
720	41553	Glue Globs			
722	41553	Sealant			
724	41553	Sealant			
726	41553	Roofing			
728	41553	Flashing Tar			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41553

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	ConnDOT-BIA Terminal B Murphy Terminal, Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr		3day		5day
SIGNATURE	INSPECTOR: Gregory Kaczynski									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
710	11/14/12	1411		X	Exterior - host lounge 14	X				X	C32-beige brittle caulk
711	11/14/12	1417		X	Exterior - host lounge 14	X					C32-beige brittle caulk
712	11/14/12	1418		X	Exterior - host lounge 14	X				X	C33-tan brittle (w/ greyish exterior) caulk
713	11/14/12	1419		X	Exterior - host lounge 14	X					C33-tan brittle (w/ greyish exterior) caulk
714	11/14/12	1410		X	Exterior - host lounge 14	X				X	WG14-brown soft crumbly window glaze
715	11/14/12	1422		X	Exterior - host lounge 14	X					WG14-brown soft crumbly window glaze
716	11/14/12	1419		X	Exterior - host lounge 14	X				X	WG15-white brittle replacement glaze
717	11/14/12	1420		X	Exterior - host lounge 14	X					WG15-white brittle replacement glaze
718	11/14/12	1420		X	Exterior - host lounge 14	X					WRG1-white rope gasket behind metal frame
719	11/14/12	1420		X	Exterior - host lounge 14	X					WRG1-white rope gasket behind metal frame
720	11/15/12	0905		X	1st floor roof – North of SP	X				X	G57-greyish tan brittle glue globs on wire fence

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	11/16/12	K. Williamson 11/16/12			
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Kathleen Williamson 1600	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: _____
Acceptable: Yes ✓ No _____
Comments:

TRC

Edition: October 2009
Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 41553

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME							
183572.4445.0710	ConnDOT-BIA Terminal B Murphy Terminal, Windsor Locks, CT		PLM:		8hr		24hr		48hr	X	3day
			TEM:		24hr		48hr		3day		5day
SIGNATURE	INSPECTOR Gregory Kaczynski									

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
721	11/15/12	0906		X	1st floor roof – North of SP	X					G57-greyish tan brittle glue globs on wire fence
722	11/15/12	0910		X	1st floor roof – North of SP	X				X	DS12-grey brittle sealant on duct exterior
723	11/15/12	0911		X	1st floor roof – North of SP	X					DS12-grey brittle sealant on duct exterior
724	11/15/12	1005		X	1st floor roof – NW of SP	X				X	DS13-grey putty duct sealant in seams
725	11/15/12	1006		X	1st floor roof – NW of SP	X					DS13-grey putty duct sealant in seams
726	11/15/12	0935		X	1st floor roof – NW of SP	X				X	RF8-white asphalt roll-on/asphalt/cellulose/asphalt/tar
727	11/15/12	0920		X	1st floor roof – NW of SP	X					RF8-white asphalt roll-on/asphalt/cellulose/asphalt/tar
728	11/15/12	1009		X	1st floor roof – NW of SP	X				X	FL5-perimeter/penetration flashing tar (bottom layer)
729	11/15/12	1010		X	1st floor roof – NW of SP	X					FL5-perimeter/penetration flashing tar (bottom layer)
730	11/15/12	0957		X	1st floor roof – NW of SP	X				X	FL6-black flashing tar on metal duct vents into roof

Relinquished by: (Signature)	Date:	Received by: (Signature) 11/16/12	Relinquished by: (Signature)	Date:	Received by: (Signature)
(Printed) Gregory Kaczynski	Time: 1600	(Printed) 1600 Kathleen Williamson	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

✓MT

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

December 28, 2012

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Aimee L Cormier

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 13586 CLIENT PROJECT ID: 183572.0445.0710
Client Ref: CT DOT - BIA, Terminal B - Murphy Terminal, Windsor Locks, CT
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.0445.0710
Client Reference: CT DOT - BIA, Terminal B - Murphy Terminal, Windsor Locks, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 13586**
Method: NOB
Date Received: 12/26/2012
Date Analyzed: 12/28/2012
Date of Report: 12/28/2012

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT103210	734	Flashing Tar		.2293	5.65	.00	.00	.00	.00	.00	16.94	74.97	2.44	**5.65**	Yes	No
NT103211	736	Caulk		.2269	2.70	.00	.00	.00	.09	.00	15.20	45.61	36.40	**2.79**	Yes	No
NT103212	738	Caulk		.3101	.00	.00	.00	.00	.00	.00	36.57	60.46	2.97	**ND**	Yes	No
NT103213	740	Caulk		.2260	.00	.00	.00	.00	.00	.00	8.46	67.65	23.89	**ND**	Yes	No
NT103214	742	Caulk		.2599	.00	.00	.00	.00	.00	.00	32.78	58.02	9.20	**ND**	Yes	No
NT103215	746	Caulk		.1830	.00	.00	.00	.00	.00	.00	20.76	78.42	.82	**ND**	Yes	No
NT103216	750	Glaze		.1249	.00	.00	.00	.00	.00	.00	16.01	62.13	21.86	**ND**	Yes	No
NT103217	754	Tar		.3126	.00	.00	.00	.00	.00	.00	26.23	70.44	3.33	**ND**	Yes	No
NT103218	758	Caulk		.1216	.00	.00	.00	.00	.00	.00	46.38	40.63	12.99	**ND**	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Aimee L Cormier

Aimee Cormier, Analyst

Proscience Analytical Services, Inc.

NT 13586

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 12/24/12

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.0445.0710

Client Job Ref./Loc.: CT DOT- BIA, Terminal B- Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by: [illegible] 12-26-12 1:25

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
734	41664	Flashing Tar	See COC		
736	41664	Caulk			
738	41664	Caulk			
740	41664	Caulk			
742	41664	Caulk			
746	41664	Caulk			
750	41664	Glaze			
754	41664	Tar			
758	41664	Caulk			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

September 24, 2013

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Aimee L Cormier

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 14132 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT - BIA - Murphy Terminal, Wall Inspection
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA - Murphy Terminal, Wall Inspection
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 14132**
Method: NOB
Date Received: 9/23/2013
Date Analyzed: 9/24/2013
Date of Report: 9/24/2013

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT107179	2	Flashing with Tarry cloth		.5014	.00	.00	.00	.00	.00	.00	28.72	69.05	2.23	ND	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Aimee L Cormier

Aimee Cormier, Analyst

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857 NT14132

TEM Bulk Chain of Custody Record

Date: 09/20/13

PO#: **C183572** Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT – BIA – Murphy Terminal, Wall Inspection

Relinquished by: A. Parkins – AParkins@trcsolutions.com

Received by: Doreen Townsend 9-23-13 8:45

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: M. Kostruba

Turn Around Time: <12 Hour **<24 Hour** <48 Hour <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
2	42907	Flashing w/tarry cloth	See COC		

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

September 24, 2013

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Aimee L Cormier

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 14131 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT - BIA - Murphy Terminal
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA - Murphy Terminal
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 14131**
Method: NOB
Date Received: 9/23/2013
Date Analyzed: 9/24/2013
Date of Report: 9/24/2013

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT107174	6	Tar		.3038	.00	.00	.00	.00	.00	.00	6.32	81.70	11.98	**ND**	Yes	No
NT107175	10	Mastic		.0576	1.88	.00	.00	.00	.00	.00	16.87	76.74	4.51	**1.88**	Yes	No
NT107176	16	Glue		.1353	.60	.00	.00	.00	.00	.00	30.08	57.65	12.27	**TR**	Yes	No
NT107177	22	Flashing		.2176	.26	.00	.00	.00	.00	.00	3.22	85.80	10.98	**TR**	Yes	No
NT107178	24	Roofing		.3107	.07	.00	.00	.00	.00	.00	1.42	84.87	13.71	**TR**	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Aimee Cormier, Analyst

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 09/20/13

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT – BIA-Murphy Terminal

Relinquished by: K. Williamson - KWilliamson@trcsolutions.com

Received by: Dwen Sourwind 9-23-13 @ 8:45

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: M. Kostruba

Turn Around Time: <12 Hour <24 Hour **<48 Hour** <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
6	42916	Tar	See COC		
10	42916	Mastic only			
16	42916	Glue only			
22	42916	Flashing			
24	42916	Roofing			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

October 22, 2013

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

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Please contact me if you have any questions regarding this report or related information.

Sincerely,

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 14180 CLIENT PROJECT ID: 183572.4445.0720
Client Ref: CT DOT - BIA - Murphy Terminal, Windsor Locks, CT
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0720
Client Reference: CT DOT - BIA - Murphy Terminal, Windsor Locks, CT
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 14180**
Method: NOB
Date Received: 10/21/2013
Date Analyzed: 10/22/2013
Date of Report: 10/22/2013

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT107512	01	Glaze		.1830	.00	.00	.00	.00	.00	.00	16.39	31.75	51.86	ND	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Aimee L Cormier

Aimee Cormier, Analyst

Proscience Analytical Services, Inc.

NT 14180

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 10/18/13

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0720

Client Job Ref./Loc.: CT DOT – BIA- Murphy Terminal, Windsor Locks, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by: 10/21/13 2:40

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: G. Kaczynski- GKaczynski@trcsolutions.com

Turn Around Time: <12 Hour **<24 Hour** <48 Hour <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
01	43046	Glaze	See COC		

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

TRC

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

Edition: October 2009
Supersede Previous Edition

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 43046

PROJECT NUMBER	PROJECT NAME
183572.4445.0710	~~ConnDOT-BIA-Murphy Terminal~~ Windsor Locks, CT
SIGNATURE	INSPECTOR: Gregory Kaczynski

TURNAROUND TIME

PLM:		8hr	X	24hr		48hr		3day
TEM:	X	24hr		48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
01	10/17/13	1242		X	Ground floor - public concourse A	X				X	WG1A-grey putty window glaze
02	10/17/13	1240		X	Ground floor - public concourse A	X					WG1A-grey putty window glaze
03	10/17/13	1254		X	2nd floor – airport ops 3	X				X	WG12-black putty window glaze
04	10/17/13	1250		X	2nd floor – airport admin 2	X					WG12-black putty window glaze
05	10/17/13	1304		X	Ground floor – exterior of room 3B	X				X	WG12A-black putty window glaze
06	10/17/13	1303		X	Ground floor – exterior of room 3B	X					WG12A-black putty window glaze

Relinquished by: (Signature)	Date:	Received by: (Signature) 10/18/13	Relinquished by: (Signature)	Date:	Received by: (Signature)
(Printed) Gregory Kaczynski	Time: 1655	(Printed) 0700	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples:
Acceptable: Yes ___ No ___
Comments:

ProScience Analytical Services, Inc

Erik Plimpton
TRC Environmental Corp. (CT)
21 Griffin Road North
Windsor, CT 06095

September 24, 2013

Dear Erik Plimpton,

Results of samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.
The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials.
The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips 300 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, color or the sample, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of non-fibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.
The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.
This report may not be reproduced, except in its entirety, without permission of the ProScience Analytical Services, Inc. Laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Aimee L Cormier

Mark Derosier, Senior Analyst
Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 14128 CLIENT PROJECT ID: 183572.4445.0710
Client Ref: CT DOT - BIA Exterior Ramp
NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; AIHA ID# 102754; VT ID# AL016876; PH ID# 218(TEM,PLM); RI ID# 186.

ProScience Analytical Services, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail general@proscience.net

Laboratory Report

Client Project #: 183572.4445.0710
Client Reference: CT DOT - BIA Exterior Ramp
PO #: C183572
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 14128**
Method: NOB
Date Received: 9/23/2013
Date Analyzed: 9/24/2013
Date of Report: 9/24/2013

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT107165	2	Rubber		.1141	.00	.00	.00	.00	.00	.00	41.63	34.79	23.58	**ND**	Yes	No
NT107166	4	Glue		.8493	.00	.00	.00	.00	.00	.00	52.44	42.77	4.79	**ND**	Yes	No
NT107167	8	Drain Material		.5930	1.21	.00	.00	.00	.00	.00	1.83	39.17	57.79	**1.21**	Yes	No

Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

Aimee Cormier, Analyst

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

NTI 412B

Date: 09/20/13

PO#: **C183572**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 183572.4445.0710

Client Job Ref./Loc.: CT DOT – BIA-Exterior Ramp

Relinquished by: K. Williamson - KWilliamson@trcsolutions.com

Received by: 9.23.13 @ 8:45 am

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: M. Kostruba

Turn Around Time: <12 Hour <24 Hour **<48 Hour** <3 Day 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
2	42917	Rubber	See COC		
4	42917	Glue			
8	42917	Drain Material			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

APPENDIX F

LEAD PAINT XRF MEASUREMENT TABLES

The first Lead Based Paint Summary Table is a compilation of all XRF readings separated by building section (Concourse A, Concourse B, IAB and Murphy Terminal) and are further divided by floor. All calibrations have been removed from this table. Following this table, are the eleven (11) original Lead Based Paint Summary Tables in order by date.

TRC

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Concourse A, Concourse B, IAB, Murphy Terminal
Project # :	183572.4445.0710
Date(s):	9/26/12, 9/27/12, 10/1/12
Inspector:	Robert Misbach (State of Connecticut License No. 002188), Gregory Kaczynski (State of Connecticut License No. 002158), Tom Martin (State of Connecticut License No. 002079)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
Concourse A														
Ground Floor														
99	Concourse A	Ground	117	D	Wall	--	Block	White	Intact	**0.1**	0.0	6.14	20.68	9/27/2012 10:33
100	Concourse A	Ground	117	C	Door	Jamb	Metal	Blue	Intact	0.0	0.0	1.04	5.48	9/27/2012 10:34
101	Concourse A	Ground	117	C	Wall	--	Sheetrock	Grey	Intact	0.0	0.0	1	2.6	9/27/2012 10:35
102	Concourse A	Ground	119	B	Wall	--	Block	White	Intact	**0.1**	0.0	3.24	7.76	9/27/2012 10:37
103	Concourse A	Ground	119	B	Header	--	Metal	White	Intact	**7.1**	5.3	4.82	0.86	9/27/2012 10:39
104	Concourse A	Ground	119	C	Column	--	Metal	White	Intact	**11.6**	3.9	10	1.72	9/27/2012 10:41
105	Concourse A	Ground	117	A	Cabinet	--	Wood	Grey	Intact	0.0	0.0	1	3.17	9/27/2012 10:43
106	Concourse A	Ground	117	A	Cabinet	--	Wood	Black	Intact	0.0	0.0	1	2.15	9/27/2012 10:44
107	Concourse A	Ground	117	--	I-Beam	--	Metal	Red	Intact	0.0	0.0	1	3.6	9/27/2012 10:50
108	Concourse A	Ground	117	B	Bsbd heating	--	Metal	Black	Intact	0.0	0.0	1	1.59	9/27/2012 10:51
109	Concourse A	Ground	Hall A	--	Header	--	Metal	White	Intact	9.9	4.6	4.47	1.15	9/27/2012 11:38
110	Concourse A	Ground	Hall A	--	Column	--	Metal	Orange	Intact	**12.7**	3.0	1.61	2.59	9/27/2012 11:42
111	Concourse A	Ground	113-114	C	Wall	--	Block	White	Intact	0.0	0.0	1	2.44	9/27/2012 11:52
112	Concourse A	Ground	113-114	B	Door	Jamb	Metal	White	Intact	0.0	0.0	3.35	9.61	9/27/2012 11:53
113	Concourse A	Ground	113-114	C	Door	Jamb	Metal	Grey	Intact	0.0	0.0	1	1.29	9/27/2012 11:54
118	Concourse A	Ground	G-07	B	Wall	column	Block	White	Intact	0.0	0.0	1	2.16	9/27/2012 14:00
119	Concourse A	Ground	G-08 stairwell	A	Door	Door	Metal	Black	Intact	0.0	0.0	1.47	4.31	9/27/2012 14:03
120	Concourse A	Ground	Gate B7a	A	Stair	Stringer	Metal	Brown	Intact	0.0	0.0	1	1.58	9/27/2012 14:06
121	Concourse A	Ground	Gate B7a	A	Stair	Riser	Metal	Brown	Intact	0.0	0.0	1	1.29	9/27/2012 14:07
122	Concourse A	Ground	94	B	Door	Door	Metal	Tan/Beige	Intact	**0.1**	0.0	1.43	7.33	9/27/2012 14:39
123	Concourse A	Ground	94	B	Door	Jamb	Metal	Tan/Beige	Intact	0.0	0.0	1.12	3.45	9/27/2012 14:39
124	Concourse A	Ground	94	B	Wall	--	Brick	White	Intact	0.0	0.0	1.82	4.75	9/27/2012 14:40
125	Concourse A	Ground	94	C	Wall	--	Block	Grey	Intact	0.0	0.0	1	3.15	9/27/2012 14:44
126	Concourse A	Ground	94	C	Wall	--	Block	Grey	Intact	**0.4**	0.6	1.26	0.29	9/27/2012 15:19
134	Concourse A	Ground	86	C	Wall		Block	White	Intact	0.0	0.0	1	2.71	10/1/2012 9:11
135	Concourse A	Ground	86	C	Roll-up door	Jamb	Metal	Grey	Intact	0.0	0.0	1	5.14	10/1/2012 9:12
136	Concourse A	Ground	86	D	Wall	--	Block	Yellow	Intact	0.0	0.0	1.12	2.72	10/1/2012 9:13
137	Concourse A	Ground	87	A	Wall	--	Block	Tan/Beige	Intact	0.0	0.0	1	2.72	10/1/2012 9:44
138	Concourse A	Ground	87	A	Wall	--	Block	White	Intact	0.0	0.0	1	3.16	10/1/2012 9:45
139	Concourse A	Ground	87	--	Rolling cage	--	Metal	Yellow	Intact	**0.7**	0.1	1	4.86	10/1/2012 9:47
140	Concourse A	Ground	87	C	Door	--	Metal	Grey	Intact	0.0	0.0	1	1.43	10/1/2012 9:48
141	Concourse A	Ground	87	C	Door	Jamb	Metal	Grey	Intact	0.0	0.0	1.16	2.15	10/1/2012 9:48
142	Concourse A	Ground	87	A	drainpipe	--	Metal	Black	Intact	0.0	0.0	1.02	2	10/1/2012 9:50
143	Concourse A	Ground	88	--	Header	--	Metal	White	Intact	0.0	0.0	1.07	0.86	10/1/2012 9:51
144	Concourse A	Ground	88	--	Header	--	Metal	White	Intact	0.0	0.0	1.47	3.57	10/1/2012 9:52
145	Concourse A	Ground	97	B	Wall	--	Block	Blue	Intact	0.0	0.0	1.72	3.72	10/1/2012 9:55
146	Concourse A	Ground	97	--	Floor	--	Concrete	Grey	Defective	0.0	0.0	2.45	4.57	10/1/2012 10:55
147	Concourse A	Ground	Cmain corridor	D	Wall	--	Block	White	Intact	0.0	0.0	1	3.42	10/1/2012 12:01
148	Concourse A	Ground	Cmain corridor	B	Wall	--	Block	White	Intact	0.0	0.0	1	2.14	10/1/2012 12:02
149	Concourse A	Ground	Stairwell 94	A	Wall	--	Block	White	Intact	0.0	0.0	1	3.42	10/1/2012 12:03
150	Concourse A	Ground	Stairwell 94	--	Ceiling	--	Block	White	Intact	0.0	0.1	1.75	0.99	10/1/2012 12:03
151	Concourse A	Ground	Stairwell 94	--	Ceiling	--	Block	White	Intact	0.0	0.0	1	2	10/1/2012 12:04
152	Concourse A	Ground	Stairwell 94	A	Stair	Stringer	Metal	Blue	Intact	**0.1**	0.0	1.63	9.42	10/1/2012 12:06
153	Concourse A	Ground	Stairwell 94	A	Stair	Riser	Metal	Blue	Intact	**0.1**	0.0	1.81	7.28	10/1/2012 12:07
154	Concourse A	Ground	Stairwell 94	A	Window	Lentil	Metal	White	Intact	**14.5**	4.4	3.95	1.71	10/1/2012 12:10
1	Concourse A	Ground	(Air Canada Jaaz) 104	B	Door		Metal	Grey	Intact	0.0	0.0	1	2.14	10/3/2012 9:14

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

Side A = Street side; Sides B,C,D follow clockwise

TRC

Lead Based Paint Measurement Summary Table

Device(s): Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site: ConnDOT - BIA - Terminal B - Concourse A, Concourse B, IAB, Murphy Terminal
Project #: 183572.4445.0710
Date(s): 9/26/12, 9/27/12, 10/1/12
Inspector: Robert Misbach (State of Connecticut License No. 002188), Gregory Kaczynski (State of Connecticut License No. 002158), Tom Martin (State of Connecticut License No. 002079)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
2	Concourse A	Ground	(Air Canada Jaaz) 104	B	Roll-up door		Metal	Grey	Intact	0.0	0.0	1.53	2.14	10/3/2012 9:15
3	Concourse A	Ground	104	C	Wall		Block	Yellow	Intact	0.0	0.0	4.81	6.85	10/3/2012 10:30
4	Concourse A	Ground	104	A	Wall		Block	Yellow	Intact	0.2	0.3	10	4.13	10/3/2012 10:40
5	Concourse A	Ground	104	A	Wall		Block	Yellow	Intact	0.0	0.0	3.79	4.99	10/3/2012 10:40
6	Concourse A	Ground	104	A	Wall		Block	Yellow	Intact	0.0	0.0	1	2.42	10/3/2012 10:41
7	Concourse A	Ground	104	A	Wall		Block	Yellow	Intact	0.0	0.0	1	4.56	10/3/2012 10:42
8	Concourse A	Ground	104	A	Wall		Brick	Yellow	Intact	0.0	0.0	1.4	2.7	10/3/2012 10:42
49	Concourse A	Ground	117	D	Wall	--	Block	White	Intact	0.1	0.0	4.97	21.42	11/12/2012 14:20
50	Concourse A	Ground	119	B	Wall	--	Block	White	Intact	0.1	0.0	5.04	20.6	11/12/2012 14:23
51	Concourse A	Ground	119	C	Wall	--	Block	White	Intact	0.1	0.0	3.19	20.22	11/12/2012 14:31
First Floor														
5	Concourse A	1	DAL	A	Door	Jamb	Metal	Brown	Intact	0.0	0.0	1	3.31	9/26/2012 8:36
6	Concourse A	1	DAL	A	Door	Jamb	Metal	Brown	Intact	0.1	0.7	10	0.15	9/26/2012 8:36
7	Concourse A	1	DAL	A	Door	Jamb	Metal	Brown	Intact	0.0	0.0	1.87	8.19	9/26/2012 8:37
8	Concourse A	1	DAL	A	Door	Door	Metal	Brown	Intact	0.0	0.0	1	6.47	9/26/2012 8:41
9	Concourse A	1	DAL	--	Ceiling	--	Sheetrock	White	Intact	0.0	0.0	1	4.34	9/26/2012 8:44
10	Concourse A	1	DAL	D	Door	--	Metal	Blue	Intact	0.0	0.0	1	4.17	9/26/2012 8:47
11	Concourse A	1	DAL	D	Door	Jamb	Metal	Blue	Intact	0.0	0.0	1	3.17	9/26/2012 8:47
12	Concourse A	1	DAL	--	Soffit	--	Sheetrock	White	Intact	0.1	0.8	10	0.14	9/26/2012 8:50
13	Concourse A	1	DAL	--	Soffit	--	Sheetrock	White	Intact	0.0	0.0	1.67	1.86	9/26/2012 8:50
14	Concourse A	1	DAL	B	Column	Upper	Metal	Red	Intact	0.0	0.0	1.18	4.18	9/26/2012 8:54
15	Concourse A	1	DAL	B	Column	Lower	Metal	Orange	Intact	9.6	1.6	1.45	3.6	9/26/2012 8:54
16	Concourse A	1	DAL	C	Wall	--	Sheetrock	White	Intact	0.0	0.0	1.06	3.32	9/26/2012 8:56
17	Concourse A	1	DAL	C	Column	--	Metal	Red	Intact	0.0	0.0	1	4.17	9/26/2012 9:04
18	Concourse A	1	DAL	C	Column	--bracket	Metal	Red	Intact	0.0	0.0	1	4.16	9/26/2012 9:05
19	Concourse A	1	DAL	C	I-Beam	--bracket	Metal	Red	Intact	0.0	0.0	1	4.16	9/26/2012 9:07
20	Concourse A	1	DAL	D	Soffit	--	Sheetrock	White	Intact	0.0	0.0	1	4.34	9/26/2012 9:09
21	Concourse A	1	DAL	B	Wall	--	Sheetrock	White	Intact	0.0	0.0	1	2.74	9/26/2012 9:12
22	Concourse A	1	Paradies	B	Door	Jamb	Metal	Grey	Intact	0.0	0.0	1.3	2.16	9/26/2012 9:18
23	Concourse A	1	Paradies	--	Soffit	--	Sheetrock	White	Intact	0.0	0.0	1	3.32	9/26/2012 9:20
24	Concourse A	1	Paradies	D	Wall	--	Sheetrock	White	Intact	0.0	0.0	1	2.16	9/26/2012 9:21
25	Concourse A	1	Paradies	D	Roll-up door	--	Metal	Grey	Intact	0.0	0.0	1.37	7.52	9/26/2012 9:23
26	Concourse A	1	Paradies	B	Door	Jamb	Metal	Blue	Intact	0.0	0.0	2.23	5.62	9/26/2012 9:25
27	Concourse A	1	Janitor SE	B	Wall	--	Block	Brown	Intact	0.0	0.0	1	4.2	9/26/2012 9:59
28	Concourse A	1	Janitor SE	D	Column	--	Metal	Brown	Intact	0.0	0.0	1	4.18	9/26/2012 10:00
29	Concourse A	1	BSX	D	Soffit	--	Sheetrock	White	Intact	0.0	0.0	1	4.91	9/26/2012 10:03
30	Concourse A	1	BSX	C	Wall	--	Sheetrock	White	Intact	0.0	0.0	1	3.61	9/26/2012 10:05
31	Concourse A	1	BSX	B	Bsbd heating	--	Metal	Brown	Intact	0.0	0.0	1.77	7.07	9/26/2012 10:06
32	Concourse A	1	BSX	B	Column	--	Metal	Black	Intact	0.0	0.0	1	5.18	9/26/2012 10:14
33	Concourse A	1	BSX	B	Door	Jamb	Metal	Blue	Intact	0.0	0.0	1	4.19	9/26/2012 10:16
34	Concourse A	1	Host Bar	A	Wall	--	Block	Pink	Intact	0.0	0.0	3.83	14.93	9/26/2012 10:23
35	Concourse A	1	AAL Hold Room	--	I-Beam	--	Metal	Black	Intact	0.0	0.0	1	4.31	9/26/2012 10:26
36	Concourse A	1	AAL Hold Room	--	I-Beam	bracket	Metal	Red	Intact	0.1	0.0	1.67	4.17	9/26/2012 10:27
37	Concourse A	1	AAL Hold Room	--	I-Beam	bracket	Metal	Red	Intact	0.0	0.0	1	6.36	9/26/2012 10:28
38	Concourse A	1	AAL Hold Room	--	sign	--	Metal	Blue	Intact	0.0	0.0	1	0.72	9/26/2012 10:36
39	Concourse A	1	AAL Hold Room	--	sign	--	Metal	Blue	Intact	0.0	0.0	1	1.15	9/26/2012 10:36
40	Concourse A	1	AAL Hold Room	D	Wall	--	Sheetrock	White	Intact	0.0	0.0	1.22	3.89	9/26/2012 10:37
41	Concourse A	1	AAL	C	Wall	--	Block	White	Intact	0.0	0.0	1	2.88	9/26/2012 10:42
42	Concourse A	1	AAL	D	Wall	--	Sheetrock	White	Intact	0.0	0.0	1	4.17	9/26/2012 10:42

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

Side A = Street side; Sides B,C,D follow clockwise

TRC

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Concourse A, Concourse B, IAB, Murphy Terminal
Project # :	183572.4445.0710
Date(s):	9/26/12, 9/27/12, 10/1/12
Inspector:	Robert Misbach (State of Connecticut License No. 002188), Gregory Kaczynski (State of Connecticut License No. 002158), Tom Martin (State of Connecticut License No. 002079)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
43	Concourse A	1	Mech 1	D	Door	--	Metal	Blue	Intact	0.0	0.0	1	3.15	9/26/2012 10:46
44	Concourse A	1	Mech 1	D	Door	Jamb	Metal	Blue	Intact	0.0	0.0	1	3.18	9/26/2012 10:46
45	Concourse A	1	Room 106	D	Stair	Stringer	Metal	Brown	Intact	0.0	0.0	1.41	8.05	9/26/2012 10:52
46	Concourse A	1	Room 106	D	Stair	Tread	Metal	Brown	Intact	0.0	0.0	1	3.59	9/26/2012 10:53
47	Concourse A	1	Room 106	D	Stair	Railing Top	Metal	Brown	Intact	0.0	0.0	2.44	3.17	9/26/2012 10:54
48	Concourse A	1	Room 106	A	Wall	--	Block	White	Intact	0.0	0.0	1	5.02	9/26/2012 10:55
49	Concourse A	1	Front stairwell	A	Wall	--	Block	Tan/Beige	Intact	0.0	0.0	1.42	10.77	9/26/2012 11:19
50	Concourse A	1	Front stairwell	A	Stair	Riser	Metal	Blue	Intact	0.0	0.0	1	4.18	9/26/2012 11:21
51	Concourse A	1	Front stairwell	A	Stair	Stringer	Metal	Blue	Intact	0.0	0.0	1.07	3.31	9/26/2012 11:22
52	Concourse A	1	Front stairwell	A	Stair	Balusters	Metal	Blue	Intact	0.0	0.0	1.03	2.17	9/26/2012 11:22
53	Concourse A	1	Front stairwell	--	Ceiling	--	Sheetrock	White	Intact	0.0	0.0	1	2.45	9/26/2012 11:23
57	Concourse A	1	B5 boarding ramp	A	Wall	--	Metal	White	Intact	0.0	0.0	1	1.73	9/26/2012 13:06
58	Concourse A	1	B5 boarding ramp	A	Wall	--	Metal	White	Intact	0.0	0.0	1	2.02	9/26/2012 13:06
59	Concourse A	1	B5 boarding ramp	C	Wall	--	Metal	White	Intact	0.0	0.0	1	3.17	9/26/2012 13:07
60	Concourse A	1	B5 boarding ramp	D	Door	--	Metal	White	Intact	0.0	0.0	1	3.88	9/26/2012 13:07
61	Concourse A	1	B8 boarding ramp	C	Door	--	Metal	Grey	Intact	0.0	0.0	1	2.6	9/26/2012 13:13
62	Concourse A	1	B8 boarding ramp	--	Ceiling	--	Metal	White	Intact	0.0	0.0	1.09	1.43	9/26/2012 13:13
63	Concourse A	1	B6 boarding ramp	A	Wall	--	Metal	White	Intact	0.0	0.0	1	3.32	9/26/2012 13:14
64	Concourse A	1	B9 boarding ramp	C	Wall	--	Metal	White	Intact	0.0	0.0	1	3.16	9/26/2012 13:18
65	Concourse A	1	B9 boarding ramp	B	Door	--	Metal	Blue	Intact	0.0	0.0	1	2.16	9/26/2012 13:23
66	Concourse A	1	B9 boarding ramp	B	Door	Jamb	Metal	Black	Intact	0.0	0.0	3.32	6.47	9/26/2012 13:24
67	Concourse A	1	B7 boarding ramp	D	Wall		Metal	White	Intact	0.0	0.0	1	1.01	9/26/2012 13:30
68	Concourse A	1	B7 boarding ramp	D	Wall		Metal	White	Intact	0.0	0.0	1	2.16	9/26/2012 13:35
69	Concourse A	1	B7 boarding ramp	B	Wall		Metal	White	Intact	0.0	0.0	1.1	6.46	9/26/2012 13:36
70	Concourse A	1	B7 boarding ramp	A	Wall		Block	White	Intact	0.0	0.0	1	3.74	9/26/2012 13:49
71	Concourse A	1	B7 boarding ramp	--	Ceiling		Metal	White	Intact	0.0	0.0	1	1.44	9/26/2012 13:51
72	Concourse A	1	Security Lobby	B	Door	Jamb	Metal	Grey	Intact	0.0	0.0	1.47	5.16	9/26/2012 14:12
73	Concourse A	1	Security Lobby	B	Door	Jamb	Metal	Grey	Intact	0.1	0.0	2.11	7.18	9/26/2012 14:13
74	Concourse A	1	Security Lobby	B	Door	Jamb	Metal	Grey	Intact	0.6	0.1	1.01	5.19	9/26/2012 14:17
75	Concourse A	1	Security Lobby	B	Door	Jamb	Metal	Grey	Intact	0.9	0.1	1.03	9.2	9/26/2012 14:18
76	Concourse A	1	Security Lobby	B	Door	Jamb	Metal	Grey	Intact	0.0	0.0	1	3.17	9/26/2012 14:18
77	Concourse A									1.5	0.0		195.61	9/27/2012 7:49
81	Concourse A	1	B4 boarding ramp	A	Wall		Metal	Red	Intact	0.0	0.0	1	4.18	9/27/2012 8:00
82	Concourse A	1	B4 boarding ramp	A	Wall		Metal	Tan/Beige	Intact	0.0	0.0	2.72	9.92	9/27/2012 8:01
83	Concourse A	1	B4 boarding ramp	--	Soffit		Metal	Tan/Beige	Intact	0.1	0.1	3.4	2.73	9/27/2012 8:02
84	Concourse A	1	B4 boarding ramp	--	Soffit		Metal	Tan/Beige	Intact	0.0	0.0	1.15	4.16	9/27/2012 8:03
85	Concourse A	1	B4 boarding ramp	A	Door	Jamb	Metal	Black	Intact	0.1	0.1	7.95	20.13	9/27/2012 8:05
86	Concourse A	1	B4 boarding ramp	C	Door	Jamb	Metal	White	Intact	0.1	0.0	2.24	7.33	9/27/2012 8:08
87	Concourse A	1	B3 Boarding ramp	D	Wall	--	Metal	Tan/Beige	Intact	0.0	0.0	1	2.46	9/27/2012 8:12
88	Concourse A	1	B5 boarding ramp	--	Ceiling	--	Metal	Orange	Intact	0.0	0.0	1.61	5.19	9/27/2012 8:17
89	Concourse A	1	B1 boarding ramp	--	Ceiling	--	Metal	White	Intact	0.1	0.0	1.46	3.16	9/27/2012 8:25
90	Concourse A	1	B1 boarding ramp	--	Floor	--	Metal	Grey	Intact	0.0	0.0	1	4.16	9/27/2012 8:27
91	Concourse A	1	B1 boarding ramp	D	Wall	--	Metal	White	Defective	0.0	0.0	1.92	6.31	9/27/2012 8:28
92	Concourse A	1	B1 boarding ramp	B	Wall	Lower	Metal	Black	Intact	0.1	0.0	1.74	7.17	9/27/2012 8:30
93	Concourse A	1	DAL	D	Column	--	Metal	Red	Intact	0.0	0.0	2.01	5.45	9/27/2012 8:35
94	Concourse A	1	Security lobby	D	Wall	Upper	Sheetrock	Green	Intact	0.0	0.0	1.36	2.73	9/27/2012 8:42
95	Concourse A	1	Security lobby	D	Wall	Lower	Sheetrock	Blue	Intact	0.0	0.0	1	1.72	9/27/2012 8:42
96	Concourse A	1	Security lobby	C	Wall	--	Sheetrock	Tan/Beige	Intact	0.0	0.0	1	1.87	9/27/2012 8:43
97	Concourse A	1	Security lobby	C	Wall	--	Block	Tan/Beige	Intact	0.0	0.0	1.04	3.16	9/27/2012 8:45

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

Side A = Street side; Sides B,C,D follow clockwise

TRC

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Concourse A, Concourse B, IAB, Murphy Terminal
Project # :	183572.4445.0710
Date(s):	9/26/12, 9/27/12, 10/1/12
Inspector:	Robert Misbach (State of Connecticut License No. 002188), Gregory Kaczynski (State of Connecticut License No. 002158), Tom Martin (State of Connecticut License No. 002079)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
98	Concourse A	1	Security lobby	--	Soffit	--	Sheetrock	Tan/Beige	Intact	0.0	0.0	1	2.16	9/27/2012 8:55
10	Concourse A	1	B3 boarding ramp	B	Column		Metal	Brown	Intact	0.0	0.1	3.17	2.43	10/3/2012 11:39
11	Concourse A	1	B3 boarding ramp	A	Wall		Metal	Red	Intact	0.0	0.0	1	1.72	10/3/2012 11:46
12	Concourse A	1	B3 boarding ramp	A	Wall		Metal	Black	Intact	0.0	0.0	4.69	4.71	10/3/2012 11:48
13	Concourse A	1	B3 boarding ramp	--	Ceiling		Metal	Red	Intact	0.0	0.0	2.03	4.55	10/3/2012 11:50
14	Concourse A	1	B3 boarding ramp	--	I-beam		Metal	Red	Intact	0.0	0.0	1	1.43	10/3/2012 11:57
15	Concourse A	1	B3 boarding ramp	--	I-beam		Metal	Red	Intact	0.0	0.0	1	0.72	10/3/2012 11:58
16	Concourse A	1	B3 boarding ramp	--	I-beam		Metal	Red	Intact	0.0	0.0	1	1.86	10/3/2012 11:58
Exterior														
9	Concourse A	Exterior	B4 boarding ramp	D		column	Metal	White	Intact	0.0	0.0	1	2.14	10/3/2012 10:46
16	Concourse A	Exterior	B2 boarding ramp	A		column	Metal	White	Intact	0.1	0.0	1	8.31	10/31/2012 10:23
17	Concourse A	Exterior	B2 boarding ramp	A		Stair	Metal	White	Intact	0.0	0.0	1	1.76	10/31/2012 10:26
18	Concourse A	Exterior	B2 boarding ramp	A		Stair	Metal	White	Intact	0.0	0.0	1.72	3.69	10/31/2012 10:27
19	Concourse A	Exterior	B2 boarding ramp	A		I-beam	Metal	White	Intact	0.0	0.0	1.22	5.2	10/31/2012 10:28
20	Concourse A	Exterior	B2 boarding ramp	A		Barrier	Metal	Grey	Intact	0.1	0.0	1.95	7.8	10/31/2012 10:32
21	Concourse A	Exterior	B3 boarding ramp	D		I-beam	Metal	White	Intact	0.0	0.0	2.51	5.46	10/31/2012 10:43
22	Concourse A	Exterior	B3 boarding ramp	D		wall	Metal	White	Intact	0.0	0.0	1	1.52	10/31/2012 10:44
23	Concourse A	Exterior	B3 boarding ramp	D		barrier	Metal	Yellow	Intact	0.0	0.0	1	1.5	10/31/2012 10:47
24	Concourse A	Exterior	B4 boarding ramp	D		I-beam	Metal	White	Intact	0.0	0.0	1	1.51	10/31/2012 10:51
25	Concourse A	Exterior	B5 boarding ramp	D		light tower	Metal	Brown	Intact	0.1	0.0	1.71	9.04	10/31/2012 10:56
26	Concourse A	Exterior	B5 boarding ramp	D		beam	Metal	White	Intact	0.0	0.0	2.24	3.14	10/31/2012 10:59
27	Concourse A	Exterior	B5 boarding ramp	D			Metal	White	Intact	0.0	0.0	1	1.5	10/31/2012 11:03
28	Concourse A	Exterior	B5 boarding ramp	D		column	Metal	White	Intact	0.0	0.0	2.71	1.37	10/31/2012 11:03
29	Concourse A	Exterior	B6 boarding ramp	D		column	Metal	White	Intact	0.0	0.0	1	3.14	10/31/2012 11:09
30	Concourse A	Exterior	B7 boarding ramp	D		Truck	Metal	Black	Intact	0.0	0.0	1.99	2.33	10/31/2012 11:15
31	Concourse A	Exterior	B7 boarding ramp	D		beam	Metal	White	Intact	0.0	0.0	1	1.36	10/31/2012 11:16
32	Concourse A	Exterior	B8 boarding ramp	D		beam	Metal	Grey	Intact	0.0	0.0	1.97	3.01	10/31/2012 11:21
33	Concourse A	Exterior	B8 boarding ramp	D		beam	Metal	White	Intact	0.0	0.0	1	1.37	10/31/2012 11:22
34	Concourse A	Exterior	B9 boarding ramp	C		column	Metal	Grey	Intact	0.0	0.0	1	1.51	10/31/2012 11:27
35	Concourse A	Exterior	B9 boarding ramp	C		Door	Metal	Blue	Intact	0.0	0.0	1	1.37	10/31/2012 11:29
36	Concourse A	Exterior	B10 boarding ramp	C		beam	Metal	White	Intact	0.0	0.0	1	1.36	10/31/2012 11:32
37	Concourse A	Exterior	B10 boarding ramp	C		beam	Metal	Grey	Intact	0.0	0.0	1	1.65	10/31/2012 11:33
38	Concourse A	Exterior	B10 boarding ramp	C		stair	Metal	Grey	Intact	0.0	0.0	1	1.51	10/31/2012 11:33
39	Concourse A	Exterior	B1 boarding ramp	C		beam	Metal	White	Intact	0.0	0.0	1	1.49	10/31/2012 11:40
40	Concourse A	Exterior	B1 boarding ramp	C		light pole	Metal	Pink	Intact	0.1	0.0	1.7	5.73	10/31/2012 11:43
41	Concourse A	Exterior	outside 111B	C	beam	--	Metal	Red	Defective	0.0	0.0	1	3.15	10/31/2012 11:51
42	Concourse A	Exterior	outside 111B	C	barrier	--	Metal	Yellow	Defective	0.0	0.0	1	1.64	10/31/2012 11:52
43	Concourse A	Exterior	outside 111B	C	carousel	--	Metal	Black	Intact	0.0	0.0	1	1.37	10/31/2012 11:54
Concourse B														
Ground Floor														
59	Exterior airside	Ground	SW side	A	Door	Door	Metal	Blue	Intact	0.0	0.0	1.72	3.42	10/31/2012 14:17
60	Exterior airside	Ground	SW side	A	Door	Casing	Metal	Grey	Intact	0.0	0.0	1	1.37	10/31/2012 14:18
61	Exterior airside	Ground	SW side	A	Wall	--	Block	Yellow	Intact	0.0	0.0	1.28	4.24	10/31/2012 14:20
62	Exterior airside	Ground	B20 boarding ramp	A	Column	--	Metal	White	Intact	0.0	0.0	1	2.21	10/31/2012 14:22
63	Exterior airside	Ground	B20 boarding ramp	A	Wall	--	Metal	White	Intact	0.0	0.0	1	2.61	10/31/2012 14:22
64	Exterior airside	Ground	B20 boarding ramp	A	beam	--	Metal	White	Intact	0.0	0.0	1	1.51	10/31/2012 14:23
65	Exterior airside	Ground	B20 boarding ramp	C	Stair	Stringer	Metal	Blue	Intact	0.0	0.0	1	1.51	10/31/2012 14:24
66	Exterior airside	Ground	B18 boarding ramp	C	Column	--	Metal	White	Intact	0.1	0.0	1.45	13.23	10/31/2012 14:27

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

Side A = Street side; Sides B,C,D follow clockwise

TRC

Lead Based Paint Measurement Summary Table

Device(s): Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site: ConnDOT - BIA - Terminal B - Concourse A, Concourse B, IAB, Murphy Terminal
Project # : 183572.4445.0710
Date(s): 9/26/12, 9/27/12, 10/1/12
Inspector: Robert Misbach (State of Connecticut License No. 002188), Gregory Kaczynski (State of Connecticut License No. 002158), Tom Martin (State of Connecticut License No. 002079)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
67	Exterior airside	Ground	B18 boarding ramp	C	Wall	--	Metal	White	Intact	0.0	0.0	1	1.23	10/31/2012 14:28
68	Exterior airside	Ground	B17 boarding ramp	C	Column	--	Metal	White	Intact	**0.1**	0.0	1.58	6.84	10/31/2012 14:29
69	Exterior airside	Ground	B17 boarding ramp	C	beam	--	Metal	White	Intact	**0.1**	0.0	2.41	12.72	10/31/2012 14:31
77	Concourse B	Ground	147	D	Wall		Sheetrock	Blue	Intact	0.0	0.0	1	1.91	11/1/2012 8:39
78	Concourse B	Ground	147	D	Bsbd heating		Metal	Blue	Intact	0.0	0.0	1.03	1.65	11/1/2012 8:40
79	Concourse B	Ground	136	A	Wall	Lower	Block	Brown	Intact	**0.1**	0.0	1.6	6.02	11/1/2012 8:45
80	Concourse B	Ground	136	A	Wall	Upper	Block	White	Intact	**0.1**	0.0	1.79	5.6	11/1/2012 8:46
81	Concourse B	Ground	135	B	Window	Casing	Sheetrock	White	Intact	0.0	0.0	3.52	3.83	11/1/2012 8:50
82	Concourse B	Ground	135A	A	Door	Casing	Metal	Blue	Intact	0.0	0.0	1.43	4.67	11/1/2012 8:53
83	Concourse B	Ground	129	B	Door	Casing	Metal	White	Intact	0.0	0.0	1.86	1.51	11/1/2012 9:06
84	Concourse B	Ground	129	B	Wall	--	Block	White	Intact	0.0	0.0	1.68	3.69	11/1/2012 9:07
85	Concourse B	Ground	129	--	Floor	--	Concrete	Grey	Intact	0.0	0.0	1	3.7	11/1/2012 9:08
86	Concourse B	Ground	147A	D	Wall	--	Sheetrock	Blue	Intact	0.0	0.0	1	1.92	11/1/2012 9:12
87	Concourse B	Ground	TWA	D	Door	Casing	Metal	White	Intact	0.0	0.0	1	2.33	11/1/2012 9:19
88	Concourse B	Ground	130B	D	Door	Door	Metal	White	Intact	0.0	0.0	1	1.37	11/1/2012 9:24
89	Concourse B	Ground	130B	D	Door	Casing	Metal	White	Intact	0.0	0.0	1	3.41	11/1/2012 9:25
90	Concourse B	Ground	130B	D	Wall	--	Block	White	Intact	0.0	0.0	1	4.08	11/1/2012 9:26
91	Concourse B	Ground	TWA Hold Room	C	Column	--	Metal	Tan/Beige	Intact	**14.0**	4.4	5.67	1.64	11/1/2012 9:40
92	Concourse B	Ground	TWA Hold Room	C	Wall	--	Block	Tan/Beige	Intact	**0.1**	0.0	2.59	7.25	11/1/2012 9:41
93	Concourse B	Ground	TWA Hold Room	C	Column	--	Block	Brown	Intact	0.0	0.0	2.14	3.56	11/1/2012 9:44
94	Concourse B	Ground	Public corridor	--	beam	--	Metal	Orange	Intact	**14.2**	9.1	1.53	0.83	11/1/2012 10:06
57	Concourse B	Ground	136	A	Wall	Lower	Block	Brown	Intact	**0.1**	0.0	2.12	21.17	11/12/2012 15:11
58	Concourse B	Ground	136	A	Wall	Upper	Block	Tan/Beige	Intact	**0.1**	0.0	1.66	20.74	11/12/2012 15:15
59	Concourse B	Ground	TWA Hold Room	C	Wall	--	Block	Tan/Beige	Intact	**0.1**	0.0	2.09	20.37	11/12/2012 15:21
60	Concourse B	Ground	B20 boarding ramp	D	Wall	--	Block	Grey	Intact	0.0	0.0	2.09	3.76	11/12/2012 15:27
42	Concourse B	Ground	123F	B	Wall		Concrete	White	Intact	0.0	0.0	2.85	5.51	11/29/2012 9:22
43	Concourse B	Ground	123F	D	Wall		Concrete	White	Intact	**0.1**	0.0	5.25	30	11/29/2012 9:25
44	Concourse B	Ground	123F	D	Wall		Concrete	White	Intact	0.0	0.0	4.98	10.37	11/29/2012 9:26
45	Concourse B	Ground	123F	C	Wall		Concrete	White	Intact	0.0	0.0	3.97	6.31	11/29/2012 9:28
95	Concourse B	Exterior	East side	C	Tarmac	--	Concrete	Yellow	Intact	0.0	0.0	2.18	3.42	11/1/2012 10:32
96	Concourse B	Exterior	East side	C	Tarmac	--	Concrete	Yellow	Intact	0.0	0.0	2.11	3.7	11/1/2012 10:35
97	Concourse B	Exterior	East side	C	Tarmac	--	Concrete	Black	Intact	0.0	0.0	1	3.57	11/1/2012 10:36
98	Concourse B	Exterior	East side	C	Tarmac	--	Concrete	Red	Intact	0.0	0.0	1	2.19	11/1/2012 10:36
IAB														
Ground Floor														
5	IAB	Ground	168	A	Wall		Block	Green	Intact	0.0	0.0	3.02	8.46	10/31/2012 8:33
6	IAB	Ground	168	--	Ceiling		Sheetrock	Green	Intact	0.0	0.0	2.15	4.11	10/31/2012 8:35
7	IAB	Ground	166	D	Wall		Sheetrock	White	Intact	0.0	0.0	4.44	16.69	10/31/2012 8:39
8	IAB	Ground	166	--	Ceiling		Concrete	Grey	Intact	0.0	0.0	1	3.83	10/31/2012 8:44
9	IAB	Ground	166	B	Door		Wood	Brown	Intact	0.0	0.0	1	2.19	10/31/2012 8:45
10	IAB	Ground	166	B	Door	Jamb	Metal	Brown	Intact	0.0	0.0	1.78	5.35	10/31/2012 8:46
11	IAB	Ground	171	C	Wall	--	Brick	White	Intact	0.0	0.0	4.54	13.25	10/31/2012 8:57
12	IAB	Ground	171	C	Door	Jamb	Metal	Pink	Intact	0.0	0.0	1	1.37	10/31/2012 8:58
13	IAB	Ground	172	C	Wall	--	Sheetrock	White	Intact	0.0	0.0	1	1.37	10/31/2012 9:06
14	IAB	Ground	172	C	Wall	--	Brick	Brown	Intact	0.0	0.0	1.9	3.42	10/31/2012 9:06
15	IAB	Ground	169A	C	Window	Casing	Wood	Pink	Intact	0.0	0.0	1	1.37	10/31/2012 9:09
47	Exterior airside	Ground	B22 boarding ramp	A	Wall	--	Metal	Tan/Beige	Intact	0.0	0.0	1.61	4.1	10/31/2012 14:00
48	Exterior airside	Ground	B22 boarding ramp	A	Column	--	Metal	Tan/Beige	Intact	0.0	0.0	2.8	7.28	10/31/2012 14:02

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

Side A = Street side; Sides B,C,D follow clockwise

TRC

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Concourse A, Concourse B, IAB, Murphy Terminal
Project # :	183572.4445.0710
Date(s):	9/26/12, 9/27/12, 10/1/12
Inspector:	Robert Misbach (State of Connecticut License No. 002188), Gregory Kaczynski (State of Connecticut License No. 002158), Tom Martin (State of Connecticut License No. 002079)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
49	Exterior airside	Ground	B22 boarding ramp	A	Wall	--	Metal	Tan/Beige	Intact	0.0	0.0	1	2.33	10/31/2012 14:03
50	Exterior airside	Ground	B22 boarding ramp	A	beam	--	Metal	Tan/Beige	Intact	0.0	0.0	1	1.36	10/31/2012 14:03
51	Exterior airside	Ground	Baggage claim 4	A	beam	--	Metal	Brown	Intact	0.0	0.0	1	1.37	10/31/2012 14:06
52	Exterior airside	Ground	Baggage claim 4	A	barrier	--	Metal	Yellow	Intact	0.0	0.0	1	1.37	10/31/2012 14:07
53	Exterior airside	Ground	B21 boarding ramp	A	Column	--	Metal	Tan/Beige	Intact	0.1	0.0	1.41	6.86	10/31/2012 14:09
54	Exterior airside	Ground	B21 boarding ramp	A	beam	--	Metal	Tan/Beige	Intact	0.0	0.0	1.17	6.94	10/31/2012 14:10
55	Exterior airside	Ground	B21 boarding ramp	A	Wall	--	Metal	Tan/Beige	Intact	0.0	0.0	1	1.84	10/31/2012 14:11
56	Exterior airside	Ground	baggage	A	Door	Casing	Metal	Grey	Intact	0.0	0.0	1	1.51	10/31/2012 14:13
57	Exterior airside	Ground	baggage	A	Door	Door	Metal	Grey	Intact	0.0	0.0	1	1.78	10/31/2012 14:14
58	Exterior airside	Ground	Northwest	A	Door	Door	Metal	Blue	Intact	0.0	0.0	1	1.37	10/31/2012 14:16
99	IAB	Ground	gate b23 baggage	C	Column	--	Metal	Red	Intact	0.0	0.0	1	2.87	11/1/2012 11:02
100	IAB	Ground	gate b23 baggage	C	Column	--	Metal	Green	Intact	0.1	0.0	1.01	4.64	11/1/2012 11:03
101	IAB	Ground	gate b23 baggage	D	Wall	--	Block	White	Intact	0.0	0.0	1	3.16	11/1/2012 11:04
102	IAB	Ground	gate b23 baggage	D	Column	--	Metal	Grey	Intact	0.0	0.0	1.19	4.38	11/1/2012 11:05
103	IAB	Ground	gate b23 baggage	--	Column	barrier	Metal	Yellow	Intact	6.0	2.8	3.05	2.05	11/1/2012 11:06
104	IAB	Ground	gate b23 baggage	B	Door	Casing	Metal	Grey	Intact	0.0	0.0	1.16	2.33	11/1/2012 11:11
125	IAB	Ground	o-s public concourse	A	Curb	--	Concrete	Yellow	Intact	0.0	0.0	2.23	5.88	11/1/2012 13:35
31	IAB	Ground	TSA Lobby	A	Wall		Sheetrock	White	Intact	0.3	0.1	1.61	11.28	11/12/2012 9:22
32	IAB	Ground	TSA Lobby	A	Wall		Plaster	White	Intact	0.4	0.1	2.13	10.48	11/12/2012 9:23
33	IAB	Ground	TSA Lobby	--	conveyor		Metal	Green	Intact	0.2	0.1	1.07	3.09	11/12/2012 9:26
34	IAB	Ground	TSA Lobby	--	conveyor		Metal	Green	Intact	0.2	0.0	1	6.07	11/12/2012 9:27
35	IAB	Ground	TSA	B	Wall		Plaster	White	Intact	0.0	0.0	2.74	4.31	11/12/2012 9:49
36	IAB	Ground	TSA	C	Door	Casing	Wood	Blue	Intact	0.0	0.0	1	1.49	11/12/2012 9:50
37	IAB	Ground	TSA	C	Door	Casing	Metal	Blue	Intact	0.0	0.0	1	2.56	11/12/2012 9:50
38	IAB	Ground	TSA scheduling	A	Wall	--	Plaster	Blue	Intact	0.0	0.0	2.13	6.6	11/12/2012 10:02
44	IAB	ground	gold	D	Wall	--	Sheetrock	Gold	Intact	0.0	0.0	1	1.35	11/12/2012 11:48
45	IAB	ground	gold	A	Door	Jamb	Metal	Black	Intact	0.0	0.0	1.45	1.35	11/12/2012 11:49
68	IAB	Ground	Boiler Room	A	Wall	Lower	Block	Grey	Intact	0.0	0.0	1	5	11/13/2012 9:38
69	IAB	Ground	Boiler Room	A	Wall	Upper	Block	Green	Intact	0.0	0.0	1	3.37	11/13/2012 9:39
70	IAB	Ground	Boiler Room	--	Floor	--	Concrete	Grey	Intact	0.0	0.0	1.93	15.86	11/13/2012 9:43
71	IAB	Ground	Boiler Room	B	Wall	Lower	Block	Grey	Intact	0.0	0.0	1.19	5.1	11/13/2012 9:45
72	IAB	Ground	Boiler Room	C	Column	--	Metal	Grey	Intact	0.1	0.0	1.53	20.31	11/13/2012 9:47
73	IAB	Ground	Boiler Room	D	Wall	--	Brick	Grey	Intact	0.0	0.0	1.39	6.19	11/13/2012 9:49
74	IAB	Ground	Boiler Room	--	Ceiling	--	Concrete	Green	Intact	0.0	0.0	2.21	9.78	11/13/2012 9:50
75	IAB	Ground	Boiler Room	C	Wall	Upper	Block	White	Intact	0.0	0.0	3.99	8.31	11/13/2012 9:52
76	IAB	Ground	Boiler Room	C	Door	--	Metal	Grey	Intact	0.0	0.0	1	11.06	11/13/2012 9:54
77	IAB	Ground	Boiler Room	A	Column	--	Metal	Grey	Intact	0.0	0.0	1.19	11.28	11/13/2012 9:57
78	IAB	Ground	TSA Mech	--	Ceiling	--	Plaster	Green	Intact	0.0	0.0	1.06	4.18	11/13/2012 11:31
79	IAB	Ground	TSA Mech	A	Wall	--	Block	Green	Intact	0.0	0.0	1.06	3.91	11/13/2012 11:32
5	IAB	Ground	8F	A	Wall		Sheetrock	White	Intact	0.0	0.0	1.46	1.84	11/27/2012 15:06
6	IAB	Ground	8F	B	Wall		Sheetrock	White	Intact	0.0	0.0	1	1.33	11/27/2012 15:06
7	IAB	Ground	8F	B	Door		Metal	Black	Intact	0.0	0.0	1	1.32	11/27/2012 15:07
8	IAB	Ground	8F	B	Door	Jamb	Metal	Black	Intact	0.0	0.0	1	1.84	11/27/2012 15:08
9	IAB	Ground	Arinc Hall	--	Ceiling	--	Concrete	Tan/Beige	Intact	0.0	0.1	1	0.52	11/27/2012 15:30
10	IAB	Ground	Arinc Hall	--	Ceiling	--	Concrete	Tan/Beige	Intact	0.0	0.0	1.73	6.32	11/27/2012 15:31
11	IAB	Ground	Arinc area	A	Wall	--	Concrete	White	Intact	0.0	0.0	1.24	2.63	11/27/2012 15:45
12	IAB	Ground	Arinc area	B	Wall	--	Concrete	White	Intact	0.0	0.0	3.58	4.73	11/27/2012 15:47
13	IAB	Ground	Arinc area	D	Wall	--	Concrete	White	Intact	0.0	0.0	1.94	3.3	11/27/2012 15:47
14	IAB	Ground	Arinc area	A	Door	--	Metal	White	Intact	0.0	0.0	1	1.45	11/27/2012 15:48

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

Side A = Street side; Sides B,C,D follow clockwise

TRC

Lead Based Paint Measurement Summary Table

Device(s): Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site: ConnDOT - BIA - Terminal B - Concourse A, Concourse B, IAB, Murphy Terminal
Project # : 183572.4445.0710
Date(s): 9/26/12, 9/27/12, 10/1/12
Inspector: Robert Misbach (State of Connecticut License No. 002188), Gregory Kaczynski (State of Connecticut License No. 002158), Tom Martin (State of Connecticut License No. 002079)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
15	IAB	Ground	Arinc area	--	Floor	--	Concrete	Grey	Defective	0.0	0.0	1	2.91	11/27/2012 15:49
23	IAB	Ground	Bay 1	A	Wall		Concrete	White	Intact	0.0	0.0	1	3.57	11/28/2012 9:23
24	IAB	Ground	Bay 1	B	Wall		Sheetrock	White	Intact	0.0	0.0	1	2.1	11/28/2012 9:24
25	IAB	Ground	Bay 1	D	Wall		Concrete	White	Intact	0.0	0.0	1	2.9	11/28/2012 9:24
26	IAB	Ground	Bay 1	D	Wall		Concrete	White	Intact	0.0	0.0	1.02	2.76	11/28/2012 9:25
27	IAB	Ground	Bay 1	D	Wall		Concrete	White	Intact	0.0	0.0	4.8	6.95	11/28/2012 9:25
28	IAB	Ground	Bay 1	A	luggage conveyer unit		Metal	Grey	Intact	0.0	0.0	1	2.24	11/28/2012 9:27
29	IAB	Ground	Bay 1	A	Door		Metal	Black	Intact	0.0	0.0	1	1.71	11/28/2012 9:28
30	IAB	Ground	Bay 1B	--	Floor		Concrete	Grey	Defective	0.0	0.0	2.6	3.42	11/28/2012 9:35
First Floor														
130	IAB	1	Public corridor	A	Wall		Sheetrock	White	Intact	0.0	0.0	1	3.39	10/12/2012 11:06
131	IAB	1	Public corridor	C	Wall		Sheetrock	White	Intact	0.0	0.0	1	2.54	10/12/2012 11:06
132	IAB	1	Public corridor	D	Door	Jamb	Metal	Blue	Intact	0.0	0.0	1	1.4	10/12/2012 11:07
133	IAB	1	Public corridor	A	Radiator	--	Metal	Grey	Intact	0.0	0.0	1	1.83	10/12/2012 11:08
134	IAB	1	Public corridor	C	Door	Door	Metal	Blue	Intact	0.0	0.0	1	2.54	10/12/2012 11:09
135	IAB	1	Public corridor	A	Wall	Lower	Sheetrock	Blue	Intact	0.0	0.0	1	1.69	10/12/2012 11:10
136	IAB	1	Public corridor	--	Ceiling	--	Sheetrock	White	Intact	0.0	0.0	1	3.38	10/12/2012 11:11
137	IAB	1	Public corridor	B	Wall	--	Ceramic	Brown	Intact	0.0	0.0	3.34	6.47	10/12/2012 11:20
138	IAB	1	Public corridor	B	Door	Jamb	Wood	White	Intact	0.0	0.0	1	1.41	10/12/2012 11:20
124	IAB	1	Exterior - public side	A	wheelchair ramp	--	Concrete	Yellow	Intact	4.3	2.0	1	2.74	11/1/2012 13:25
39	IAB	1	174	B	conveyor	--	Metal	Grey	Intact	0.0	0.0	1	1.62	11/12/2012 11:23
40	IAB	1	IAB Stairway	C	Stair	Stringer	Metal	Blue	Intact	0.0	0.0	1	1.48	11/12/2012 11:37
41	IAB	1	IAB Stairway	C	Stair	Tread	Metal	Blue	Intact	0.0	0.0	1	1.21	11/12/2012 11:37
42	IAB	1	IAB Stairway	C	Stair	Riser	Metal	Grey	Intact	0.0	0.0	1	1.62	11/12/2012 11:38
43	IAB	1	IAB Stairway	C	Stair	Railing	Metal	Blue	Intact	0.0	0.0	1	1.35	11/12/2012 11:39
93	IAB - exterior	1	IAB entry roof upper	--	entry overhang	crossbeam	Metal	White	Defective	0.0	0.0	1.21	3.1	11/15/2012 12:07
94	IAB - exterior	1	IAB entry roof upper	--	entry overhang	crossbeam	Metal	White	Defective	0.0	0.0	1	4.42	11/15/2012 12:07
95	IAB - exterior	1	IAB entry roof upper	--	entry overhang	I-beam	Metal	White	Defective	0.0	0.0	2.22	4.16	11/15/2012 12:09
96	IAB - exterior	1	IAB entry roof upper	--	entry overhang	I-beam	Metal	White	Defective	0.0	0.0	2.45	4.7	11/15/2012 12:10
97	IAB - exterior	1	IAB entry roof upper	--	entry overhang	roof panels	Metal	Blue	Defective	0.0	0.0	1.48	4.28	11/15/2012 12:13
98	IAB - exterior	1	IAB entry roof upper	--	entry overhang	roof panels	Metal	Blue	Defective	0.0	0.0	1.63	4.16	11/15/2012 12:13
99	IAB - exterior	1	IAB entry roof upper	--	entry overhang	roof drain pipe	Metal	White	Defective	0.0	0.0	1.04	5.48	11/15/2012 12:14
100	IAB - exterior	1	IAB entry roof upper	--	corrugated roofing		Metal	Brown	Intact	0.0	0.0	1	3.88	11/15/2012 12:17
101	IAB - exterior	1	IAB Roof 1	--	hvac		Metal	Grey	Defective	0.0	0.0	2.74	3.21	11/15/2012 12:34
102	IAB - exterior	1	IAB Roof 1	--	hvac pipe		Metal	Grey	Defective	0.1	0.0	1.46	7.11	11/15/2012 12:35
Second Floor														
46	IAB	2	A3 A	D	Wall		Plaster	White	Intact	0.0	0.0	1.34	3.42	11/29/2012 11:07
Exterior														
70	Exterior	Public side		A	wheelchair ramp		Concrete	Yellow		0.0	0.1	3.02	1.06	9/5/2013 14:12
71	Exterior	Public side		A	wheelchair ramp		Concrete	Yellow		3.1	1.1	2.84	3.67	9/5/2013 14:12
97		Public side	ramp foundation support	A	ramp foundation support		Concrete	White		0.0	0.0	1	2.49	9/5/2013 15:15
98		Public side	Sign post	A	Sign post		Metal	Blue		0.8	0.1	1.19	4.14	9/5/2013 15:26
99		Public side	ramp rail	A	ramp rail		Metal	Blue		4.6	5.5	1.65	6.83	9/5/2013 15:33
100		Public side	ramp rail	A	ramp rail		Metal	Blue		3.8	0.7	1.68	3.57	9/5/2013 15:33
MURPHY TERMINAL														
Basement														
90	Murphy Terminal	Basement	Room 151	B	Wall	--	Concrete	Green	Intact	0.4	0.1	2.16	3.53	10/11/2012 12:52

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

Side A = Street side; Sides B,C,D follow clockwise

TRC

Lead Based Paint Measurement Summary Table

Device(s): Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site: ConnDOT - BIA - Terminal B - Concourse A, Concourse B, IAB, Murphy Terminal
Project # : 183572.4445.0710
Date(s): 9/26/12, 9/27/12, 10/1/12
Inspector: Robert Misbach (State of Connecticut License No. 002188), Gregory Kaczynski (State of Connecticut License No. 002158), Tom Martin (State of Connecticut License No. 002079)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
91	Murphy Terminal	Basement	Room 151	B	Wall	--	Concrete	Green	Intact	0.4	0.1	2.32	20.23	10/11/2012 12:54
92	Murphy Terminal	Basement	Room 151	D	Wall	--	Brick	Green	Intact	0.3	0.1	2.38	11.43	10/11/2012 12:55
93	Murphy Terminal	Basement	Room 151	A	Door	Jamb	Metal	Green	Intact	0.1	0.0	1.62	11.26	10/11/2012 12:57
94	Murphy Terminal	Basement	Room 150 Boiler Room	A	Wall	--	Concrete	Grey	Intact	3.9	0.9	1.89	5.77	10/11/2012 13:11
95	Murphy Terminal	Basement	Room 150 Boiler Room	C	Wall	--	Brick	Grey	Intact	0.4	0.1	1.73	10.97	10/11/2012 13:12
96	Murphy Terminal	Basement	Room 150 Boiler Room	C	Column	--	Brick	Tan/Beige	Intact	0.1	0.2	2.52	1.55	10/11/2012 13:13
97	Murphy Terminal	Basement	Room 150 Boiler Room	C	Column	--	Brick	Tan/Beige	Intact	0.1	0.0	2.39	10.72	10/11/2012 13:14
98	Murphy Terminal	Basement	Room 150 Boiler Room	D	Wall	--	Brick	Grey	Intact	0.4	0.1	2.03	8.58	10/11/2012 13:15
99	Murphy Terminal	Basement	Electric switchboard rm	B	Wall	Lower	Concrete	Green	Intact	0.3	0.1	1.38	7.03	10/11/2012 13:25
100	Murphy Terminal	Basement	Electric switchboard rm	C	Wall	Lower	Brick	Green	Intact	0.2	0.1	1.37	7.45	10/11/2012 13:27
101	Murphy Terminal	Basement	Electric switchboard rm	A	Wall	--	Concrete	White	Intact	0.1	0.0	1.35	6.46	10/11/2012 13:28
102	Murphy Terminal	Basement	Room 150 Boiler Room	--	Stair	--	Concrete	Grey	Defective	0.0	0.0	1.25	3.93	10/11/2012 13:29
103	Murphy Terminal	Basement	Room 150 Boiler Room	C	Door	Jamb	Metal	Grey	Intact	0.1	0.0	1.49	13.12	10/11/2012 13:31
104	Murphy Terminal	Basement	149 corridor	D	Wall	--	Block	Brown	Intact	0.0	0.0	1	3.24	10/11/2012 13:38
105	Murphy Terminal	Basement	149 corridor	A	Wall	--	Concrete	Grey	Intact	0.0	0.0	1	3.4	10/11/2012 13:39
106	Murphy Terminal	Basement	Room 157 preparation	C	Wall	--	Block	Brown	Intact	0.1	0.1	4.02	5.06	10/11/2012 14:03
107	Murphy Terminal	Basement	Room 157 preparation	C	Wall	--	Block	Brown	Intact	0.0	0.0	2.22	6.75	10/11/2012 14:03
108	Murphy Terminal	Basement	Room 157 preparation	B	Wall	--	Block	Tan/Beige	Intact	0.0	0.0	1	4.23	10/11/2012 14:04
109	Murphy Terminal	Basement	Room 157 preparation	C	Wall	--	Concrete	Tan/Beige	Intact	0.0	0.0	1.93	5.77	10/11/2012 14:05
110	Murphy Terminal	Basement	Room 157 preparation	C	Wall	--	Concrete	Tan/Beige	Intact	0.0	0.0	1	3.38	10/11/2012 14:06
111	Murphy Terminal	Basement	Room 157 preparation	--	Floor	--	Concrete	Red	Intact	0.0	0.0	1.43	2.95	10/11/2012 14:06
112	Murphy Terminal	Basement	Room 157 preparation	A	Wall	--	Block	Tan/Beige	Intact	0.0	0.0	1	2.12	10/11/2012 14:08
113	Murphy Terminal	Basement	Room 157 preparation	B	Window	Casing	Metal	Tan/Beige	Intact	0.0	0.0	1.42	4.09	10/11/2012 14:09
114	Murphy Terminal	Basement	Disposal Room	--	Ceiling	--	Plaster	White	Intact	0.0	0.0	1	0.85	10/11/2012 14:24
115	Murphy Terminal	Basement	Disposal Room	--	Ceiling	--	Plaster	White	Intact	0.0	0.0	1	2.54	10/11/2012 14:24
116	Murphy Terminal	Basement	Disposal Room	B	Wall	--	Block	Yellow	Intact	0.0	0.0	1	2.25	10/11/2012 14:26
5	Murphy Terminal	Basement	Vault	B	Wall		Concrete	White	Intact	0.1	0.0	1.61	6.72	10/15/2012 8:43
6	Murphy Terminal	Basement	Vault	--	Floor		Concrete	Grey	Intact	0.0	0.0	1.49	5.05	10/15/2012 8:44
7	Murphy Terminal	Basement	Vault	A	Column		Brick	White	Intact	0.2	0.0	1.54	10.2	10/15/2012 8:45
8	Murphy Terminal	Basement	Vault	C	Wallreshoot		Concrete	White	Intact	0.3	0.0	1.57	12.13	12/10/2012 10:44
9	Murphy Terminal	Basement	Vault	B	Wall		Brick	White	Intact	0.2	0.0	1.62	13.3	12/10/2012 10:47
10	Murphy Terminal	Basement	Vault	C	Wall		Concrete	White	Intact	0.1	0.0	1.99	21.09	12/10/2012 10:54
11	Murphy Terminal	Basement	Vault	D	Wall		Brick	White	Intact	0.1	0.0	1.46	16.46	12/10/2012 10:57
12	Murphy Terminal	Basement	Vault	--	Ceiling		Concrete	White	Intact	0.1	0.0	1.62	13.86	12/10/2012 11:07
171	Murphy Terminal	Basement	Room 151	A	Wall	upper	Concrete	Green	Defective	0.1	0.0	2.37	7.76	9/10/2013 10:05
Ground Floor														
158	Murphy Terminal	Ground	Delta baggage claim	--	Column	--	Metal	Orange	Intact	17.8	10.0	1.91	0.85	10/1/2012 13:24
159	Murphy Terminal	Ground	Delta baggage claim	--	Soffit	--	Sheetrock	Blue	Intact	0.0	0.4	10	0.28	10/1/2012 13:26
160	Murphy Terminal	Ground	Delta baggage claim	--	Soffit	--	Sheetrock	Blue	Intact	0.0	0.0	1	2.58	10/1/2012 13:27
161	Murphy Terminal	Ground	Delta baggage claim	D	Wall	Upper	Sheetrock	White	Intact	0.0	0.0	1	2.29	10/1/2012 13:29
162	Murphy Terminal	Ground	Delta baggage claim	D	Wall	Lower	Sheetrock	Blue	Intact	0.0	0.1	5.5	2.27	10/1/2012 13:29
163	Murphy Terminal	Ground	Delta baggage claim	D	Wall	Lower	Sheetrock	Blue	Intact	0.0	0.0	1	3.01	10/1/2012 13:30
164	Murphy Terminal	Ground	Delta baggage claim	A	Heater	--	Metal	Blue	Intact	0.0	0.0	1	2.42	10/1/2012 13:32
165	Murphy Terminal	Ground	Delta baggage claim	A	Column	--	Sheetrock	White	Intact	0.0	0.0	1.62	3.85	10/1/2012 13:38
166	Murphy Terminal	Ground	Delta baggage claim	A	Door	--	Metal	Blue	Intact	0.0	0.0	1.41	2.29	10/1/2012 13:39
167	Murphy Terminal	Ground	Delta baggage claim	A	Door	Jamb	Metal	Blue	Intact	0.0	0.0	1	1.87	10/1/2012 13:40
168	Murphy Terminal	Ground	Stairwell S2	A	Door	Jamb	Metal	Grey	Intact	0.0	0.0	1	2.28	10/1/2012 13:47
169	Murphy Terminal	Ground	Stairwell S2	A	Door	Door	Metal	Grey	Intact	0.0	0.1	5.47	2.71	10/1/2012 13:48
170	Murphy Terminal	Ground	Stairwell S2	A	Door	Door	Metal	Grey	Intact	0.0	0.0	1	1.42	10/1/2012 13:48

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

Side A = Street side; Sides B,C,D follow clockwise

TRC

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Concourse A, Concourse B, IAB, Murphy Terminal
Project # :	183572.4445.0710
Date(s):	9/26/12, 9/27/12, 10/1/12
Inspector:	Robert Misbach (State of Connecticut License No. 002188), Gregory Kaczynski (State of Connecticut License No. 002158), Tom Martin (State of Connecticut License No. 002079)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
171	Murphy Terminal	Ground	Stairwell S2	A	Wall	--	Block	White	Intact	0.0	0.0	1	3.16	10/1/2012 13:49
172	Murphy Terminal	Ground	Stairwell S2	A	Stair	Stringer	Metal	Grey	Intact	0.0	0.0	1	1.57	10/1/2012 13:50
173	Murphy Terminal	Ground	Stairwell S2	A	Stair	Riser	Metal	Grey	Intact	0.0	0.0	1	2.28	10/1/2012 13:50
174	Murphy Terminal	Ground	Stairwell S2	A	Stair	Railing	Metal	Grey	Intact	0.1	0.0	1.57	11.27	10/1/2012 13:52
175	Murphy Terminal	Ground	Stairwell S2	A	Pipe	--	Metal	White	Intact	0.0	0.0	1.06	3.3	10/1/2012 13:53
176	Murphy Terminal	Ground	Women 1	A	heater	--	Metal	Brown	Intact	0.0	0.1	1	0.14	10/1/2012 13:55
177	Murphy Terminal	Ground	Women 1	A	heater	--	Metal	Brown	Intact	0.0	0.0	1.57	4.72	10/1/2012 13:55
178	Murphy Terminal	Ground	Hall B	C	Door	Jamb	Metal	Grey	Intact	0.0	0.0	1	2.43	10/1/2012 14:12
179	Murphy Terminal	Ground	Hall B	C	Wall	--	Block	White	Intact	0.0	0.0	1	2	10/1/2012 14:13
180	Murphy Terminal	Ground	Hall B vestibule	--	Floor	--	Concrete	Grey	Intact	0.0	0.0	1.94	3.99	10/1/2012 14:15
181	Murphy Terminal	Ground	Enty ramp	C	Wall	--	Sheetrock	Blue	Intact	0.0	0.0	1	1.57	10/1/2012 14:27
182	Murphy Terminal	Ground	Enty ramp	B	Wall	--	Concrete	Green	Intact	0.0	0.0	1	2.43	10/1/2012 14:29
183	Murphy Terminal	Ground	Enty ramp	A	Stair	Railing	Metal	Grey	Intact	0.0	0.0	1	2.43	10/1/2012 14:33
184	Murphy Terminal	Ground	67	A	Wall	--	Brick	White	Intact	0.0	0.0	1.13	2.57	10/1/2012 14:49
185	Murphy Terminal	Ground	69	A	Wall	--	Brick	Tan/Beige	Intact	0.0	0.0	3.12	11.16	10/1/2012 14:51
186	Murphy Terminal	Ground	Hall outside Budget 14	B	Wall	--	Block	Green	Intact	0.0	0.0	1	1.87	10/1/2012 14:53
187	Murphy Terminal	Ground	Hall outside Budget 14	A	Wall	Support	Metal	Grey	Intact	0.0	0.0	1	1.86	10/1/2012 14:58
188	Murphy Terminal	Ground	Delta baggage claim	A	Column	--	Plaster	White	Intact	0.0	0.0	1	3.14	10/1/2012 15:01
189	Murphy Terminal	Ground	Hall G stairwell	A	Stair	Riser	Metal	Grey	Intact	3.7	1.0	2.16	1.57	10/1/2012 15:07
190	Murphy Terminal	Ground	Hall G stairwell	A	Stair	Stringer	Metal	Grey	Intact	2.6	1.2	1.94	1	10/1/2012 15:08
191	Murphy Terminal	Ground	Hall G stairwell	A	Stair	Railing	Metal	Grey	Intact	0.2	0.1	1.85	4.56	10/1/2012 15:08
192	Murphy Terminal	Ground	Behind room 11 Hall	B	Wall	--	Brick	White	Intact	0.0	0.0	3.41	6.87	10/1/2012 15:10
193	Murphy Terminal	Ground	Behind room 11 Hall	D	Column	--	Metal	White	Intact	7.4	3.9	9.48	1.29	10/1/2012 15:11
194	Murphy Terminal	Ground	Public concourse	C	Column	--	Block	Tan/Beige	Intact	0.0	0.0	1	4.01	10/1/2012 15:31
20	Murphy Terminal	Ground	SC 2	B	Wall		Brick	Tan/Beige	Intact	0.0	0.0	2.3	4.27	10/3/2012 13:06
21	Murphy Terminal	Ground	SC 2	D	Wall		Block	Tan/Beige	Intact	0.0	0.0	1	2.85	10/3/2012 13:07
22	Murphy Terminal	Ground	Delta baggage claim	C	Wall		Block	Tan/Beige	Intact	0.0	0.1	3.68	2.7	10/3/2012 13:19
23	Murphy Terminal	Ground	Public Concourse A	A	Wall		Plaster	Green	Intact	0.0	0.0	1	8.08	10/3/2012 13:23
24	Murphy Terminal	Ground	FAA closet	D	Wall		Block	Tan/Beige	Intact	0.2	0.1	3.83	6.71	10/3/2012 13:27
25	Murphy Terminal	Ground	FAA closet	D	Wall		Block	Tan/Beige	Intact	0.2	0.1	3.44	14.69	10/3/2012 13:28
26	Murphy Terminal	Ground	Public Concourse A	--	Ceiling		Concrete	Tan/Beige	Intact	0.1	0.0	2.46	7.54	10/3/2012 13:33
27	Murphy Terminal	Ground	Public Concourse A	--	Ceiling		Concrete	Tan/Beige	Intact	0.2	0.1	3.28	11.27	10/3/2012 13:35
28	Murphy Terminal	Ground	12	B	Wall		Plaster	Tan/Beige	Defective	0.0	0.0	1	3.98	10/3/2012 14:09
29	Murphy Terminal	Ground	12	B	Wall	Lower	Block	Black	Defective	0.0	0.0	2.39	3.7	10/3/2012 14:10
30	Murphy Terminal	Ground	12	D	Ceiling	--	Concrete	Tan/Beige	Intact	0.0	0.0	1	0.57	10/3/2012 14:11
31	Murphy Terminal	Ground	12	D	Ceiling	--	Concrete	Tan/Beige	Intact	0.0	0.0	1	3.69	10/3/2012 14:11
32	Murphy Terminal	Ground	12	D	Ceiling	--	Concrete	Tan/Beige	Intact	0.0	0.0	1	1.99	10/3/2012 14:12
33	Murphy Terminal	Ground	12	C	Column	--	Metal	Black	Intact	0.0	0.0	1	2.29	10/3/2012 14:15
34	Murphy Terminal	Ground	12	D	Conveyor	--	Metal	Tan/Beige	Intact	0.0	0.0	1.15	5.55	10/3/2012 14:16
35	Murphy Terminal	Ground	12	B	Column	Upper	Metal	Yellow	Intact	0.0	0.0	1	1.57	10/3/2012 14:23
36	Murphy Terminal	Ground	12	B	Column	Upper	Plaster	Tan/Beige	Intact	0.1	0.6	8.74	0.43	10/3/2012 14:23
37	Murphy Terminal	Ground	12	B	Column	Upper	Plaster	Tan/Beige	Intact	0.3	0.1	3.79	11.7	10/3/2012 14:24
28	Murphy Terminal	Ground	123A	--	beam	--	Metal	Red	Intact	0.0	0.0	1	0.85	10/5/2012 13:34
29	Murphy Terminal	Ground	123A	--	beam	--	Metal	Red	Intact	0.0	0.0	1	1.41	10/5/2012 13:34
46	Murphy Terminal	Ground	23	B	Wall		Block	Blue	Intact	0.0	0.0	1.9	3.38	10/9/2012 10:58
47	Murphy Terminal	Ground	3C	C	Column		Block	Blue	Intact	0.0	0.0	1.12	3.52	10/9/2012 11:02
48	Murphy Terminal	Ground	3C	--	I-Beam		Metal	Tan/Beige	Intact	0.0	0.1	2.98	2.68	10/9/2012 11:04
49	Murphy Terminal	Ground	Room 57	A	Column		Brick	Tan/Beige	Intact	0.0	0.0	1	3.24	10/9/2012 11:24
50	Murphy Terminal	Ground	2A	C	Wall		Brick	Tan/Beige	Intact	0.0	0.0	2.7	3.54	10/9/2012 13:30

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TRC

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Concourse A, Concourse B, IAB, Murphy Terminal
Project # :	183572.4445.0710
Date(s):	9/26/12, 9/27/12, 10/1/12
Inspector:	Robert Misbach (State of Connecticut License No. 002188), Gregory Kaczynski (State of Connecticut License No. 002158), Tom Martin (State of Connecticut License No. 002079)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
51	Murphy Terminal	Ground	2B	A	Wall		Block	White	Intact	0.0	0.0	1	3.94	10/9/2012 13:41
52	Murphy Terminal	Ground	2B	A	Floor		Concrete	Grey	Intact	0.0	0.0	2.1	4.39	10/9/2012 13:42
71	Murphy Terminal	Ground	SP Mech	C	Wall		Block	Grey	Intact	0.3	0.0	1.7	17.17	10/10/2012 13:11
72	Murphy Terminal	Ground	SP Mech	B	Wall		Block	Grey	Intact	0.2	0.0	1.58	8.88	10/10/2012 13:12
73	Murphy Terminal	Ground	SP Mech	--	Ceiling		Concrete	Tan/Beige	Intact	0.0	0.0	1.07	2.83	10/10/2012 13:15
74	Murphy Terminal	Ground	SP Mech	B	Wall	Upper	Block	Tan/Beige	Intact	0.4	0.1	1.72	14.36	10/10/2012 13:17
75	Murphy Terminal	Ground	SP Mech	B	Wall	Upper	Block	Tan/Beige	Intact	0.3	0.1	1.59	12.39	10/10/2012 13:18
76	Murphy Terminal	Ground	13	B	Wall	--	Block	Tan/Beige	Intact	0.0	0.0	1	2.11	10/10/2012 13:31
77	Murphy Terminal	Ground	13	B	Wall	--	Brick	Tan/Beige	Intact	0.0	0.0	1	2.52	10/10/2012 13:32
86	Murphy Terminal	Ground	13	D	Wall	Lower	Block	Grey	Intact	0.1	0.1	1.54	2.4	10/11/2012 11:30
87	Murphy Terminal	Ground	13	D	Wall	Lower	Block	Grey	Intact	0.1	0.0	1.56	12.25	10/11/2012 11:31
88	Murphy Terminal	Ground	13	D	Wall	Lower	Brick	Grey	Intact	0.0	0.0	1	2.38	10/11/2012 11:32
89	Murphy Terminal	Ground	13	B	Door	Jamb	Metal	Grey	Intact	0.0	0.0	1	3.94	10/11/2012 11:32
124	Murphy Terminal	Ground	Murphy gr fl generator	B	Wall		Stucco	Brown	Intact	0.0	0.0	1.08	1.83	10/12/2012 9:32
125	Murphy Terminal	Ground	Murphy gr fl generator	D	Wall		Block	Tan/Beige	Intact	0.0	0.0	3.09	10.56	10/12/2012 9:33
126	Murphy Terminal	Ground	Murphy gr fl generator	A	Duct		Metal	Tan/Beige	Intact	0.1	0.4	10	10.42	10/12/2012 9:35
127	Murphy Terminal	Ground	Murphy gr fl generator	A	Duct		Metal	Tan/Beige	Intact	0.0	0.0	1	1.41	10/12/2012 9:35
128	Murphy Terminal	Ground	Murphy gr fl generator	A	Wall		Brick	Tan/Beige	Intact	0.0	0.0	1	3.37	10/12/2012 9:36
129	Murphy Terminal	Ground	Murphy gr fl generator	A	Pipe		Metal	Tan/Beige	Intact	0.0	0.0	1.64	6.04	10/12/2012 9:39
85	Murphy Terminal	Ground	11	A	Door	Jamb	Metal	Blue	Intact	0.0	0.0	1.4	5.43	10/17/2012 13:07
86	Murphy Terminal	Ground	11	C	Wall	--	Plaster	Yellow	Intact	0.1	0.0	1.08	6.28	10/17/2012 13:08
87	Murphy Terminal	Ground	11	A	Pipe	--	Metal	Yellow	Intact	0.1	0.0	1.7	10.07	10/17/2012 13:10
88	Murphy Terminal	Ground	11	A	Wall	--	Block	Yellow	Intact	0.2	0.0	1.33	9.48	10/17/2012 13:11
89	Murphy Terminal	Ground	BAD 2	B	Wall	--	Plaster	Yellow	Intact	0.0	0.0	1.93	4.6	10/17/2012 13:13
126	Murphy Terminal	Ground	Exterior pub side	A	Curb	--	Concrete	Yellow	Defective	0.0	0.0	1	2.47	11/1/2012 13:37
127	Murphy Terminal	Ground	Exterior pub side	A	wheelchair ramp	--	Concrete	Yellow	Defective	0.0	0.0	1	2.74	11/1/2012 13:38
128	Murphy Terminal	Ground	Bup side - exterior	A	Column	--	Metal	White	Defective	0.0	0.0	1.31	1.5	11/1/2012 13:52
31	Murphy Terminal	Ground	Esc enclosure	--	Floor		Concrete	Grey	Defective	0.0	0.0	1.57	3.69	11/28/2012 10:03
32	Murphy Terminal	Ground	Esc enclosure	A	Wall		Concrete	White	Intact	0.0	0.0	1	3.29	11/28/2012 10:04
33	Murphy Terminal	Ground	Esc enclosure	D	Wall		Concrete	White	Intact	0.0	0.0	1	3.03	11/28/2012 10:04
34	Murphy Terminal	Ground	Esc enclosure	D	Door	frame	Metal	White	Intact	0.0	0.0	1.32	1.72	11/28/2012 10:05
21	Murphy Terminal	Exterior ground		west	Ceiling	--	Plaster	White	Intact	0.0	0.0	1	2.59	11/5/2012 14:45
22	Murphy Terminal	Exterior ground		west	Ceiling	--	Plaster	White	Intact	0.0	0.0	1	1.09	11/5/2012 14:45
23	Murphy Terminal	Exterior ground		west	Ceiling	--	Plaster	White	Intact	0.0	0.0	1	3.27	11/5/2012 14:46
68	Murphy Terminal	Ground	SP66 A locker room	B	Wall		Plaster	Tan/Beige	Intact	0.1	0.0	1.95	9.17	10/10/2012 12:54
68	Murphy Terminal	Ground	SP66 A locker room	B	Wall		Plaster	Tan/Beige	Intact	0.1	0.0	1.95	9.17	10/10/2012 12:54
68	Murphy Terminal	Ground	SP66 A locker room	B	Wall		Plaster	Tan/Beige	Intact	0.1	0.0	1.95	9.17	10/10/2012 12:54
First Floor														
7	Murphy Terminal	1	Snack bar 15	B	Wall		Concrete	White	Intact	0.0	0.0	1	2.4	10/5/2012 10:27
8	Murphy Terminal	1	Snack bar 15	A	Wall		Brick	White	Intact	0.0	0.0	1	3.4	10/5/2012 10:28
9	Murphy Terminal	1	Host Lounge 14	B	Wall		Concrete	Tan/Beige	Intact	0.0	0.0	2.11	5.53	10/5/2012 10:30
10	Murphy Terminal	1	DAL storage 112	--	Ceiling		Concrete	Tan/Beige	Intact	0.0	0.0	1.13	2.7	10/5/2012 10:44
11	Murphy Terminal	1	18	C	Window	Sash int	Metal	Grey	Intact	0.0	0.0	1	1.7	10/5/2012 11:02
12	Murphy Terminal	1	18	C	beam	--	Concrete	Tan/Beige	Intact	0.1	0.0	2.49	6.96	10/5/2012 11:04
13	Murphy Terminal	1	18	--	beam	--	Metal	Tan/Beige	Intact	1.5	0.2	3.16	5.26	10/5/2012 11:04
14	Murphy Terminal	1	18	--	deck	--	Concrete	Tan/Beige	Intact	0.1	0.1	2.24	2.85	10/5/2012 11:05
15	Murphy Terminal	1	18	--	deck	--	Concrete	Tan/Beige	Intact	0.1	0.0	2.08	4.12	10/5/2012 11:07
16	Murphy Terminal	1	19	C	Window	frame	Metal	White	Intact	0.0	0.0	1.56	2.56	10/5/2012 11:10
17	Murphy Terminal	1	19	C	Window	lintel	Metal	White	Intact	0.0	0.0	2.15	3.83	10/5/2012 11:11

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TRC

Lead Based Paint Measurement Summary Table

Device(s): Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site: ConnDOT - BIA - Terminal B - Concourse A, Concourse B, IAB, Murphy Terminal
Project # : 183572.4445.0710
Date(s): 9/26/12, 9/27/12, 10/1/12
Inspector: Robert Misbach (State of Connecticut License No. 002188), Gregory Kaczynski (State of Connecticut License No. 002158), Tom Martin (State of Connecticut License No. 002079)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
18	Murphy Terminal	1	19	C	Wall	--	Brick	Tan/Beige	Intact	0.0	0.0	4.9	6.53	10/5/2012 11:13
19	Murphy Terminal	1	20B office area hall	C	Column	--	Plaster	White	Intact	0.0	0.0	1	2.55	10/5/2012 11:17
20	Murphy Terminal	1	20B office area hall	C	Window	Sill	Metal	Blue	Intact	0.0	0.0	1.26	3.26	10/5/2012 11:20
21	Murphy Terminal	1	Public corridor	A	Column	--	Metal	Black	Intact	0.0	0.0	1.6	4.25	10/5/2012 11:27
22	Murphy Terminal	1	31	A	Wall	--	Brick	White	Intact	0.0	0.0	1	2.4	10/5/2012 11:55
23	Murphy Terminal	1	31	--	beam	--	Metal	Tan/Beige	Intact	12.4	3.5	5.69	2.13	10/5/2012 11:56
24	Murphy Terminal	1	Public corridor	A	Column	--	Metal	Brown	Intact	0.7	0.2	1.27	2.26	10/5/2012 12:02
85	Murphy Terminal	1	62 B		beam		Metal	Grey	Intact	0.0	0.0	3.7	7.49	10/11/2012 11:26
121	Murphy Terminal	1	walkway	A	Railing	--	Metal	Blue	Defective	0.0	0.0	1	2.47	11/1/2012 13:11
122	Murphy Terminal	1	walkway	A	Railing	--	Metal	Grey	Defective	0.0	0.0	1.8	2.61	11/1/2012 13:12
123	Murphy Terminal	1	stair-escalator	A	Column	--	Metal	White	Intact	0.0	0.0	1	1.51	11/1/2012 13:13
87	Murphy Terminal - exterior	1	north roof of SP	--	i beam		Metal	Grey	Defective	0.0	0.0	1	4.16	11/15/2012 11:22
88	Murphy Terminal - exterior	1	north roof of SP	--	i beam		Metal	Grey	Defective	0.0	0.0	1	2.27	11/15/2012 11:23
89	Murphy Terminal - exterior	1	NW roof of SP	--	i beam		Metal	Grey	Defective	0.2	1.0	3.82	0.14	11/15/2012 11:25
90	Murphy Terminal - exterior	1	NW roof of SP	--	i beam		Metal	Grey	Defective	0.1	0.0	2.58	5.09	11/15/2012 11:25
91	Murphy Terminal - exterior	1	NW roof of SP	--	i beam column		Metal	Grey	Defective	0.0	0.0	1	3.49	11/15/2012 11:26
92	Murphy Terminal - exterior	1	NW roof of SP	--	hvac		Metal	Tan/Beige	Defective	0.0	0.0	1	5.09	11/15/2012 11:30
139	Murphy Terminal	1	Munson Room B43 Murphy	D	Wall	--	Plaster	Pink	Intact	0.0	0.0	1.07	8.57	10/12/2012 11:44
140	Murphy Terminal	1	Munson Room B43 Murphy	C	Wall	--	Plaster	Red	Intact	0.1	0.0	1.46	13.5	10/12/2012 11:50
141	Murphy Terminal	1	Munson Room B43 Murphy	--	Ceiling	--	Plaster	White	Intact	0.1	0.3	5.42	1.12	10/12/2012 11:58
142	Murphy Terminal	1	Munson Room B43 Murphy	--	Ceiling	--	Plaster	White	Intact	0.2	0.5	10	1.69	10/12/2012 11:59
143	Murphy Terminal	1	Munson Room B43 Murphy	--	Ceiling	--	Plaster	White	Intact	0.1	0.1	6.53	23.04	10/12/2012 12:01
Second Floor														
30	Murphy Terminal	2	Hall 2C	C	Window	Sill	Metal	Blue	Intact	0.2	0.0	2.46	12.37	10/5/2012 14:18
31	Murphy Terminal	2	Hall 2C	C	Wall	--	Plaster	White	Intact	0.2	0.1	5.64	19.61	10/5/2012 14:20
32	Murphy Terminal	2	Hall 2C	B	Wall	--	Plaster	White	Intact	0.0	0.0	1	2.85	10/5/2012 14:20
33	Murphy Terminal	2	Hall 2C	D	Wall	--	Plaster	White	Intact	0.2	0.1	6.41	13.65	10/5/2012 14:22
34	Murphy Terminal	2	Hall 2C	A	Wall	--	Plaster	White	Intact	0.1	0.1	4.59	18.05	10/5/2012 14:24
35	Murphy Terminal	2	Center stairwell	B	Window	Sill	Concrete	Tan/Beige	Intact	0.1	0.0	3.69	9.39	10/5/2012 14:28
36	Murphy Terminal	2	Center stairwell	--	Beam	--	Concrete	Tan/Beige	Intact	0.1	0.1	5.1	3.13	10/5/2012 14:33
37	Murphy Terminal	2	Center stairwell	--	Beam	--	Concrete	Tan/Beige	Intact	0.0	0.0	1.85	3.83	10/5/2012 14:34
56	Murphy Terminal	2	208	D	Wall		Wood	Tan/Beige	Intact	0.0	0.0	1	1.4	10/16/2012 9:58
57	Murphy Terminal	2	Hall 1	C	Wall		Plaster	White	Intact	0.1	0.0	3.1	8.54	10/16/2012 9:59
58	Murphy Terminal	2	Hall 1	C	Door	Jamb	Metal	Blue	Intact	0.0	0.0	1	1.54	10/16/2012 10:00
59	Murphy Terminal	2	200a	A	Wall	--	Plaster	White	Intact	0.1	0.0	4.4	13.58	10/16/2012 10:28
60	Murphy Terminal	2	200a	C	Window	Sill	Metal	White	Intact	0.5	0.1	1.98	5.18	10/16/2012 10:29
61	Murphy Terminal	2	200a	C	Wall	--	Plaster	White	Intact	0.1	0.0	4.56	15.67	10/16/2012 10:31
62	Murphy Terminal	2	Break Room 2	A	Wall	--	Plaster	Blue	Intact	0.1	0.0	3.99	13.15	10/16/2012 10:50
63	Murphy Terminal	2	State Police hall	C	Door	--	Metal	Blue	Intact	0.2	0.1	1.96	8.24	10/16/2012 11:34
64	Murphy Terminal	2	State Police hall	B	Door	Jamb	Wood	Blue	Intact	0.0	0.0	1	2.11	10/16/2012 11:35
65	Murphy Terminal	2	State Police hall	--	Ceiling	--	Plaster	Tan/Beige	Intact	0.0	0.0	3.7	7.13	10/16/2012 11:37
70	Murphy Terminal	2	Host 1	C	Wall	Upper	Block	Pink	Intact	0.1	0.0	2.99	13.02	10/16/2012 13:11
71	Murphy Terminal	2	Host 1	A	Wall	--	Ceramic	Tan/Beige	Intact	0.0	0.0	2.35	3.64	10/16/2012 13:12
72	Murphy Terminal	2	Host 1	A	Wall	--	Sheetrock	White	Intact	0.0	0.0	1	1.96	10/16/2012 13:12
73	Murphy Terminal	2	Telecommunications Room	C	Stair	--	Metal	Tan/Beige	Intact	2.2	0.8	3.49	2.24	10/16/2012 13:40
74	Murphy Terminal	2	Host kitchen hall	A	Wall	--	Plaster	Brown	Intact	1.2	0.3	10	20.84	10/16/2012 15:01
75	Murphy Terminal	2	Host kitchen hall	A	Wall	--	Plaster	Brown	Intact	1.2	0.2	10	30	10/16/2012 15:03
76	Murphy Terminal	2	Host kitchen hall	C	Door	Jamb	Metal	Tan/Beige	Intact	0.0	0.0	1	1.53	10/16/2012 15:04
77	Murphy Terminal	2	Host kitchen hall	A	Wall	--	Plaster	Brown	Intact	0.8	0.2	9.38	21.26	10/16/2012 15:06

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

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TRC

Lead Based Paint Measurement Summary Table

Device(s): Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site: ConnDOT - BIA - Terminal B - Concourse A, Concourse B, IAB, Murphy Terminal
Project # : 183572.4445.0710
Date(s): 9/26/12, 9/27/12, 10/1/12
Inspector: Robert Misbach (State of Connecticut License No. 002188), Gregory Kaczynski (State of Connecticut License No. 002158), Tom Martin (State of Connecticut License No. 002079)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
90	Murphy Terminal	2	217	C	Door	Jamb	Metal	White	Intact	0.0	0.0	1	1.54	10/17/2012 13:18
91	Murphy Terminal	2	218	C	Wall	--	Sheetrock	White	Intact	0.0	0.0	1	1.82	10/17/2012 13:19
92	Murphy Terminal	2	218	D	Shelf	--	Wood	Blue	Intact	0.0	0.0	1	1.54	10/17/2012 13:21
93	Murphy Terminal	2	Closet	--	Ceiling	Beam	Metal	Black	Intact	0.0	0.0	1.21	1.53	10/17/2012 13:30
94	Murphy Terminal	2	Closet	--	Floor	--	Concrete	Red	Intact	0.0	0.0	2.79	6.15	10/17/2012 13:31
56	Murphy Terminal	3	Host 1	C	Wall	Lower	Block	Green	Intact	0.1	0.0	3.83	21.16	11/12/2012 14:57
Third Floor														
36	Murphy Terminal	3	51	A	Wall	--	Plaster	Green	Intact	0.2	0.0	2.7	24.05	10/15/2012 13:44
37	Murphy Terminal	3	51	--	Ceiling	--	Plaster	White	Intact	0.0	0.0	2.25	3.93	10/15/2012 13:45
38	Murphy Terminal	3	50	C	Window	Sill	Metal	Black	Defective	0.2	0.0	1.95	10.5	10/15/2012 13:48
39	Murphy Terminal	3	50	A	Wall	--	Pegboard	Green	Defective	0.2	0.0	1.84	8.7	10/15/2012 13:50
40	Murphy Terminal	3	50	A	Wall	closet	Plaster	Red	Intact	0.6	0.1	1.12	14.21	10/15/2012 13:53
41	Murphy Terminal	3	Hall D1	C	Wall	--	Plaster	White	Intact	0.0	0.0	1	3.37	10/15/2012 13:55
42	Murphy Terminal	3	78	--	Ceiling	--	Concrete	White	Intact	0.1	0.0	2.28	7.4	10/15/2012 13:57
43	Murphy Terminal	3	78	D	Wall	--	Plaster	Green	Intact	0.7	0.3	2.36	15.83	10/15/2012 13:59
44	Murphy Terminal	3	78	D	Wall	--	Plaster	Green	Intact	0.1	0.0	2.64	30	10/15/2012 14:02
45	Murphy Terminal	3	W	B	Wall	--	Ceramic	Tan/Beige	Intact	0.0	0.0	3.62	6.6	10/15/2012 14:05
46	Murphy Terminal	3	Munson Room B43 Murphy	D	Wall	--	Plaster	White	Intact	0.0	0.0	1.06	3.08	10/15/2012 14:06
47	Murphy Terminal	3	78	A	Column	--	Block	White	Intact	0.0	0.0	1.51	6.87	10/15/2012 14:09
48	Murphy Terminal	3	80	D	Wall	--	Sheetrock	Tan/Beige	Intact	0.0	0.0	1	1.4	10/15/2012 14:12
10	Murphy Terminal	3	2nd floor roof	A	I-beam	--	Metal	Grey	Defective	0.1	0.0	2.27	5.58	11/5/2012 11:54
11	Murphy Terminal	3	2nd floor roof	A	I-beam	--	Metal	Grey	Defective	0.0	0.0	1.67	6.25	11/5/2012 11:55
12	Murphy Terminal	3	2nd floor roof	A	I-beam	--	Metal	Grey	Defective	0.0	0.0	1.49	4.63	11/5/2012 11:56
13	Murphy Terminal	3	2nd floor roof	A	Stair	Stringer	Metal	Grey	Defective	0.1	0.0	1.42	13.09	11/5/2012 12:43
17	Murphy Terminal	3	CC1	A	Wall	--	Plaster	Green	Intact	0.3	0.1	2.78	15.74	11/5/2012 14:12
18	Murphy Terminal	3	CC1	B	Window	Casing	Plaster	Brown	Intact	0.1	0.0	2.24	20.95	11/5/2012 14:15
19	Murphy Terminal	3	CC1	C	Wall	--	Plaster	Yellow	Intact	0.1	0.0	2.5	20.65	11/5/2012 14:17
20	Murphy Terminal	3	CC1	D	Wall	--	Block	White	Intact	0.0	0.0	1	3.4	11/5/2012 14:18
15	Murphy Terminal	3	2nd north roof	C	Wall		Brick	Grey	Intact	0.0	0.0	2.3	4.26	12/10/2012 12:58
52	Murphy Terminal	3	Room 78A	--	Ceiling	--	Concrete	White	Intact	0.1	0.2	1.67	0.4	11/12/2012 14:43
53	Murphy Terminal	3	Room 78A	--	Ceiling	--	Concrete	White	Intact	0.1	0.1	1.89	2.82	11/12/2012 14:43
54	Murphy Terminal	3	Room 78A	--	Ceiling	--	Concrete	White	Intact	0.1	0.0	1.57	11.58	11/12/2012 14:44
55	Murphy Terminal	3	Room 78A	--	Ceiling	--	Concrete	White	Intact	0.0	0.0	1.35	18.04	11/12/2012 14:48
Fourth Floor														
24	Murphy Terminal	4	Penthouse	C	Stair	Stringer	Metal	Grey	Intact	4.7	0.9	2.98	5.6	10/15/2012 11:07
25	Murphy Terminal	4	Penthouse	C	Stair	Riser	Metal	Grey	Intact	3.5	0.4	2.41	4.91	10/15/2012 11:08
26	Murphy Terminal	4	Room 83B	--	Floor	--	Concrete	Red	Intact	0.0	0.0	1.31	4.05	10/15/2012 11:20
27	Murphy Terminal	4	Room 83B	--	Door	Jamb	Metal	Black	Intact	0.1	0.0	1.14	6.32	10/15/2012 11:21
28	Murphy Terminal	4	Room 83	A	Wall	--	Block	Green	Intact	0.5	0.1	1.86	8.82	10/15/2012 11:34
29	Murphy Terminal	4	Room 83	D	Duct	Door	Metal	Grey	Intact	0.1	0.0	1.11	4.62	10/15/2012 11:35
30	Murphy Terminal	4	Room 83	A	Door	Door	Wood	Green	Intact	0.0	0.0	1	3.5	10/15/2012 11:37
31	Murphy Terminal	4	Room 83	B	Duct	--	Metal	Black	Intact	0.0	0.0	1	4.78	10/15/2012 11:41
32	Murphy Terminal	4	Bath	A	Floor	--	Plaster	White	Defective	0.1	0.0	2.51	21.11	10/15/2012 11:46
13	Murphy Terminal	4th	FAA hall	--	Ceiling		Concrete B lock	White	Intact	0.0	0.0	1	5.56	12/10/2012 11:41
14	Murphy Terminal	4th	FAA hall	--	Ceiling		Concrete B lock	White	Intact	0.0	0.0	1	4.27	12/10/2012 11:42
7	Murphy Terminal		Room 83	C	Wall		Concrete	Green	Intact	0.3	0.0	1.43	10.54	12/5/2012 13:06
172	Murphy Terminal	4	Stairwell to penthouse	A	Wall		cmu	White	Defective	0.4	0.1	4.07	17.28	9/10/2013 10:58
173	Murphy Terminal	4	Stairwell to penthouse	D	Wall		cmu	White	Defective	0.4	0.2	4.2	4.47	9/10/2013 10:59

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TRC

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Concourse A, Concourse B, IAB, Murphy Terminal
Project # :	183572.4445.0710
Date(s):	9/26/12, 9/27/12, 10/1/12
Inspector:	Robert Misbach (State of Connecticut License No. 002188), Gregory Kaczynski (State of Connecticut License No. 002158), Tom Martin (State of Connecticut License No. 002079)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
174	Murphy Terminal	Penthouse	Channel 3	C	Wall	--	cmu	White	defective	0.5	0.2	5.92	6.35	9/10/2013 11:01
175	Murphy Terminal	Penthouse	Channel 3	B	Wall	--	cmu	White	defective	0.4	0.2	7.42	6.35	9/10/2013 11:02
176	Murphy Terminal	Penthouse	Channel 3	--	Ceiling	--	Concrete	White	defective	0.2	0.1	3.29	3.87	9/10/2013 11:05
177	Murphy Terminal	Penthouse	Stairwell to tower	A	Wall	--	cmu	White	defective	0.3	0.1	4.14	6.36	9/10/2013 11:08
178	Murphy Terminal	Penthouse	Stairwell to tower	D	Wall	--	cmu	White	defective	0.2	0.1	4.33	4.47	9/10/2013 11:09
179	Murphy Terminal	Penthouse	Stairwell to tower	A	Wall	--	cmu	White	defective	0.1	0.1	3.25	4.23	9/10/2013 11:09
Fifth Floor														
8	Murphy Terminal	5	Control Tower	B	Wall		Wood	Green	Intact	0.2	0.0	1	6.45	10/15/2012 10:04
9	Murphy Terminal	5	Control Tower	B	Column		Metal	Black	Intact	1.8	0.3	3.14	5.46	10/15/2012 10:05
10	Murphy Terminal	5	Control Tower	B	Window	Sill	Metal	Blue	Intact	0.7	0.4	2.31	1.68	10/15/2012 10:06
11	Murphy Terminal	5	Control Tower	B	Window	Sill	Metal	Blue	Intact	0.6	0.1	2.09	10.96	10/15/2012 10:07
12	Murphy Terminal	5	Control Tower	--	I-beam	--	Metal	Red	Intact	1.9	0.2	1.36	5.05	10/15/2012 10:10
13	Murphy Terminal	5	Control Tower	--	I-beam	--	Metal	Grey	Intact	0.0	0.0	1.1	5.32	10/15/2012 10:11
14	Murphy Terminal	5	Control Tower	--	Column	--	Metal	Grey	Intact	0.0	0.0	1	2.39	10/15/2012 10:13
15	Murphy Terminal	5	Control Tower	D	Wall	--	Wood	Blue	Intact	0.5	0.1	1.42	11.46	10/15/2012 10:16
16	Murphy Terminal	5	Control Tower	B	Wall	--	Metal	Black	Intact	0.3	0.1	2.4	10.52	10/15/2012 10:24
17	Murphy Terminal	5	Control Tower	C	Window	Sill	Metal	Black	Intact	0.5	0.1	2.17	8.27	10/15/2012 10:53
18	Murphy Terminal	5	Control Tower	A	Beam	--	Metal	White	Intact	1.9	0.4	7.08	8.27	10/15/2012 10:56
19	Murphy Terminal	5	Control Tower	A	Wall	--	Block	White	Intact	0.2	0.1	4.1	8.26	10/15/2012 10:57
20	Murphy Terminal	5	Control Tower	A	Stair	Tread	Metal	Tan/Beige	Intact	0.0	0.0	1	3.93	10/15/2012 10:58
21	Murphy Terminal	5	Control Tower	A	Stair	Railing	Metal	Grey	Intact	4.4	0.7	6.11	6.73	10/15/2012 10:59
22	Murphy Terminal	5	Control Tower	C	Stair	Riser	Metal	Grey	Intact	3.7	0.5	2.55	3.65	10/15/2012 11:04
23	Murphy Terminal	5	Penthouse	C	Wall	--	Concrete	White	Intact	0.3	0.1	2.53	9.25	10/15/2012 11:06
5	Murphy Terminal	5	Penthouse	A	Wall		Block	Grey	Intact	1.3	0.3	1.31	25.63	11/5/2012 9:19
6	Murphy Terminal	5	Penthouse	D	Cabinet	Riser	Metal	Green	Intact	2.0	0.4	1.46	2.86	11/5/2012 9:21
7	Murphy Terminal	5 exterior	Penthouse	D	Wall	--	Brick	Grey	Intact	0.0	0.0	2.86	3.96	11/5/2012 9:42
8	Murphy Terminal	5 exterior	Penthouse	D	Wall	--	Brick	Grey	Intact	0.0	0.0	2.2	6.25	11/5/2012 9:43
9	Murphy Terminal	5 exterior	Penthouse	D	Door	Jamb	Metal	Grey	Intact	0.1	0.0	1.34	8.16	11/5/2012 9:44
5	Murphy Terminal		control tower	A	Wall	reshot of shot19	Concrete	White	Intact	0.2	0.1	5.65	8.72	12/5/2012 11:37
6	Murphy Terminal		control tower	A	Wall	reshot of shot19	Concrete	White	Intact	0.2	0.1	7.14	13.79	12/5/2012 11:38
Exterior														
105	Murphy Terminal	Exterior	Basement area	A	Door	Casing	Wood	Pink	Defective	0.0	0.0	1	1.36	11/1/2012 11:36
106	Murphy Terminal	Exterior	Basement area	A	Column	base	Metal	Yellow	Defective	4.9	2.0	1.34	0.68	11/1/2012 11:37
107	Murphy Terminal	Exterior	Basement area	C	Wall	--	Concrete	Grey	Defective	0.0	0.0	1	3.84	11/1/2012 11:39
108	Murphy Terminal	Exterior	Basement area	A	Door	Jamb	Metal	Blue	Defective	0.1	0.0	2.58	7.13	11/1/2012 11:40
109	Murphy Terminal	Exterior	Ground floor - public side	A	Column	--	Concrete	White	Intact	0.0	0.0	2.44	4.65	11/1/2012 11:47
110	Murphy Terminal	Exterior	Ground floor - public side	A	Wall	--	Concrete	White	Intact	0.0	0.0	1	2.74	11/1/2012 11:48
111	Murphy Terminal	Exterior	Ground floor - public side	--	curb	--	Concrete	Yellow	Intact	0.0	0.0	1.33	3.69	11/1/2012 11:50
112	Murphy Terminal	Exterior	Escalator enclosure	D	Column	--	Metal	White	Defective	0.0	0.0	1	1.37	11/1/2012 11:51
113	Murphy Terminal	Exterior	Escalator enclosure	D	Column	--	Metal	Grey	Defective	0.0	0.0	1	1.37	11/1/2012 11:52
114	Murphy Terminal	Exterior	Escalator enclosure	D	Stair	Stringer	Metal	Grey	Defective	0.0	0.0	2.31	2.32	11/1/2012 11:52
115	Murphy Terminal	Exterior	Escalator enclosure	D	Stair	Riser	Metal	Red	Defective	0.0	0.0	1	2.18	11/1/2012 11:53
116	Murphy Terminal	Exterior	Escalator enclosure	D	Stair	Railing	Metal	Blue	Defective	0.5	0.1	1.92	6.98	11/1/2012 11:56
117	Murphy Terminal	Exterior		A	Wall	--	Concrete	White	Defective	0.0	0.0	1	2.05	11/1/2012 11:56
72	Murphy Terminal - exterior		Public side	A	wheelchair ramp		Concrete	Yellow		0.0	0.0	1	2.02	9/5/2013 14:14
73	Murphy Terminal - exterior		Public side	A	wheelchair ramp		Concrete	Yellow		0.1	0.1	4.97	4.14	9/5/2013 14:14
74	Murphy Terminal - exterior		Public side	A	road paint		aspnalt	Yellow		7.1	2.8	3.04	2.36	9/5/2013 14:18
75	Murphy Terminal - exterior		Public side	A	road paint		aspnalt	White		0.0	0.0	1	3.68	9/5/2013 14:21

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TRC

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Concourse A, Concourse B, IAB, Murphy Terminal
Project # :	183572.4445.0710
Date(s):	9/26/12, 9/27/12, 10/1/12
Inspector:	Robert Misbach (State of Connecticut License No. 002188), Gregory Kaczynski (State of Connecticut License No. 002158), Tom Martin (State of Connecticut License No. 002079)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
76	Murphy Terminal - exterior		Public side	A	road paint		aspnalt	White		0.0	0.0	1	2.59	9/5/2013 14:22
77	Murphy Terminal - exterior		Public side	A	road rails		Metal	Blue		0.0	0.0	1	2.25	9/5/2013 14:23
78	Murphy Terminal - exterior		Public side	A	road rails		Metal	Blue		0.0	0.0	1	2.02	9/5/2013 14:25
79	Murphy Terminal - exterior		Public side	A	escalator entry		Metal	White		0.0	0.0	1	1.78	9/5/2013 14:30
80	Murphy Terminal - exterior		Public side	C	escalator entry		Metal	White		0.0	0.0	1	1.91	9/5/2013 14:31
81	Murphy Terminal - exterior		Public side	C	escalator entry	Railing	Metal	Grey		0.0	0.0	1.71	2.25	9/5/2013 14:32
82	Murphy Terminal - exterior		Public side	C	escalator entry	Riser	Metal	Red		0.0	0.0	1	1.9	9/5/2013 14:32
83	Murphy Terminal - exterior		Public side	A	ramp light post	--	Metal	Black		1.6	0.4	2.22	2.95	9/5/2013 14:45
84	Murphy Terminal - exterior		Public side	A	ramp foundation	--	Concrete	White		0.0	0.0	1	3.56	9/5/2013 14:48
85	Murphy Terminal - exterior		Public side	A	ramp foundation	--	Concrete	White		0.0	0.0	1.46	2.85	9/5/2013 14:49
86	Murphy Terminal - exterior		Public side	A	ramp foundation	--support	Concrete	White		0.0	0.0	2.55	4.73	9/5/2013 14:50
87	*VOID*	*VOID*	*VOID*		*VOID*									
88	Murphy Terminal - exterior		Public side	A	rampstructural	--support	Metal	Grey		18.7	4.2	4.85	2.37	9/5/2013 14:52
89	Murphy Terminal - exterior		Public side	A	rampbfoundagion	--support	Concrete	White		0.0	0.0	1.26	2.37	9/5/2013 14:57
90	Murphy Terminal - exterior		Public side	A	rampbfoundagion	--support	Concrete	White		0.0	0.0	1	2.85	9/5/2013 14:58
91	Murphy Terminal - exterior		Public side	A	road lip marking		Concrete	Yellow		0.0	0.0	3.64	3.55	9/5/2013 15:04
92	Murphy Terminal - exterior		Public side	A	road lip marking		Concrete	Yellow		0.0	0.0	1.39	2.95	9/5/2013 15:04
93	Murphy Terminal - exterior		Public side	A	road lip marking		Concrete	Yellow		0.0	0.0	4.67	6.51	9/5/2013 15:05
94	Murphy Terminal - exterior		Public side	A	road lip marking		Concrete	Yellow		0.0	0.0	2.48	3.32	9/5/2013 15:06
95	Murphy Terminal - exterior		Public side	A	road lip marking		Concrete	Yellow		0.0	0.0	1.86	3.31	9/5/2013 15:08
96	Murphy Terminal - exterior		Public side	A	wheelchair ramp		Concrete	Yellow		0.0	0.0	1.78	3.67	9/5/2013 15:09

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Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Concourse A & Murphy Terminal
Project # :	183572.4445.0710
Date(s):	9/26/12, 9/27/12, 10/1/12
Inspector:	Robert Misbach (State of Connecticut License No. 002188)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
1										1.52	0		199.67	9/26/2012 8:19
2	Concourse A	Calibration								0.6	0.1	1.02	6.49	9/26/2012 8:24
3	Concourse A	Calibration								1	0.1	1.13	22.44	9/26/2012 8:25
4	Concourse A	Calibration								0	0.02	1	4.6	9/26/2012 8:26
5	Concourse A	1	DAL	A	Door	Jamb	Metal	Brown	INTACT	0.01	0.02	1	3.31	9/26/2012 8:36
6	Concourse A	1	DAL	A	Door	Jamb	Metal	Brown	INTACT	0.05	0.74	10	0.15	9/26/2012 8:36
7	Concourse A	1	DAL	A	Door	Jamb	Metal	Brown	INTACT	0.02	0.02	1.87	8.19	9/26/2012 8:37
8	Concourse A	1	DAL	A	Door	Door	Metal	Brown	INTACT	0.01	0.02	1	6.47	9/26/2012 8:41
9	Concourse A	1	DAL	--	Ceiling	--	Sheetrock	White	INTACT	0	0.02	1	4.34	9/26/2012 8:44
10	Concourse A	1	DAL	D	Door	--	Metal	Blue	INTACT	0	0.02	1	4.17	9/26/2012 8:47
11	Concourse A	1	DAL	D	Door	Jamb	Metal	Blue	INTACT	0	0.02	1	3.17	9/26/2012 8:47
12	Concourse A	1	DAL	--	Soffit	--	Sheetrock	White	INTACT	0.05	0.81	10	0.14	9/26/2012 8:50
13	Concourse A	1	DAL	--	Soffit	--	Sheetrock	White	INTACT	0	0.02	1.67	1.86	9/26/2012 8:50
14	Concourse A	1	DAL	B	Column	Upper	Metal	Red	INTACT	0	0.02	1.18	4.18	9/26/2012 8:54
15	Concourse A	1	DAL	B	Column	Lower	Metal	Orange	INTACT	9.6	1.6	1.45	3.6	9/26/2012 8:54
16	Concourse A	1	DAL	C	Wall	--	Sheetrock	White	INTACT	0	0.02	1.06	3.32	9/26/2012 8:56
17	Concourse A	1	DAL	C	Column	--	Metal	Red	INTACT	0	0.02	1	4.17	9/26/2012 9:04
18	Concourse A	1	DAL	C	Column	--bracket	Metal	Red	INTACT	0	0.02	1	4.16	9/26/2012 9:05
19	Concourse A	1	DAL	C	I-Beam	--bracket	Metal	Red	INTACT	0	0.02	1	4.16	9/26/2012 9:07
20	Concourse A	1	DAL	D	Soffit	--	Sheetrock	White	INTACT	0	0.02	1	4.34	9/26/2012 9:09
21	Concourse A	1	DAL	B	Wall	--	Sheetrock	White	INTACT	0	0.02	1	2.74	9/26/2012 9:12
22	Concourse A	1	Paradies	B	Door	Jamb	Metal	Grey	INTACT	0	0.02	1.3	2.16	9/26/2012 9:18
23	Concourse A	1	Paradies	--	Soffit	--	Sheetrock	White	INTACT	0	0.02	1	3.32	9/26/2012 9:20
24	Concourse A	1	Paradies	D	Wall	--	Sheetrock	White	INTACT	0	0.02	1	2.16	9/26/2012 9:21
25	Concourse A	1	Paradies	D	Roll-up door	--	Metal	Grey	INTACT	0.01	0.02	1.37	7.52	9/26/2012 9:23
26	Concourse A	1	Paradies	B	Door	Jamb	Metal	Blue	INTACT	0.01	0.02	2.23	5.62	9/26/2012 9:25
27	Concourse A	1	Janitor SE	B	Wall	--	Block	Brown	INTACT	0	0.02	1	4.2	9/26/2012 9:59
28	Concourse A	1	Janitor SE	D	Column	--	Metal	Brown	INTACT	0	0.02	1	4.18	9/26/2012 10:00
29	Concourse A	1	BSX	D	Soffit	--	Sheetrock	White	INTACT	0	0.02	1	4.91	9/26/2012 10:03
30	Concourse A	1	BSX	C	Wall	--	Sheetrock	White	INTACT	0	0.02	1	3.61	9/26/2012 10:05
31	Concourse A	1	BSX	B	Bsbd heating	--	Metal	Brown	INTACT	0.01	0.02	1.77	7.07	9/26/2012 10:06
32	Concourse A	1	BSX	B	Column	--	Metal	Black	INTACT	0	0.02	1	5.18	9/26/2012 10:14
33	Concourse A	1	BSX	B	Door	Jamb	Metal	Blue	INTACT	0	0.02	1	4.19	9/26/2012 10:16
34	Concourse A	1	Host Bar	A	Wall	--	Block	Pink	INTACT	0.01	0.02	3.83	14.93	9/26/2012 10:23
35	Concourse A	1	AAL Hold Room	--	I-Beam	--	Metal	Black	INTACT	0	0.02	1	4.31	9/26/2012 10:26
36	Concourse A	1	AAL Hold Room	--	I-Beam	bracket	Metal	Red	INTACT	0.05	0.03	1.67	4.17	9/26/2012 10:27
37	Concourse A	1	AAL Hold Room	--	I-Beam	bracket	Metal	Red	INTACT	0.02	0.02	1	6.36	9/26/2012 10:28
38	Concourse A	1	AAL Hold Room	--	sign	--	Metal	Blue	INTACT	0	0.02	1	0.72	9/26/2012 10:36
39	Concourse A	1	AAL Hold Room	--	sign	--	Metal	Blue	INTACT	0	0.02	1	1.15	9/26/2012 10:36

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

Side A = Street side; Sides B,C,D follow clockwise

TRC

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Concourse A & Murphy Terminal
Project # :	183572.4445.0710
Date(s):	9/26/12, 9/27/12, 10/1/12
Inspector:	Robert Misbach (State of Connecticut License No. 002188)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
40	Concourse A	1	AAL Hold Room	D	Wall	--	Sheetrock	White	INTACT	0.01	0.02	1.22	3.89	9/26/2012 10:37
41	Concourse A	1	AAL	C	Wall	--	Block	White	INTACT	0	0.02	1	2.88	9/26/2012 10:42
42	Concourse A	1	AAL	D	Wall	--	Sheetrock	White	INTACT	0	0.02	1	4.17	9/26/2012 10:42
43	Concourse A	1	Mech 1	D	Door	--	Metal	Blue	INTACT	0.01	0.02	1	3.15	9/26/2012 10:46
44	Concourse A	1	Mech 1	D	Door	Jamb	Metal	Blue	INTACT	0	0.02	1	3.18	9/26/2012 10:46
45	Concourse A	1	Room 106	D	Stair	Stringer	Metal	Brown	INTACT	0.01	0.02	1.41	8.05	9/26/2012 10:52
46	Concourse A	1	Room 106	D	Stair	Tread	Metal	Brown	INTACT	0	0.02	1	3.59	9/26/2012 10:53
47	Concourse A	1	Room 106	D	Stair	Railing Top	Metal	Brown	INTACT	0.01	0.03	2.44	3.17	9/26/2012 10:54
48	Concourse A	1	Room 106	A	Wall	--	Block	White	INTACT	0	0.02	1	5.02	9/26/2012 10:55
49	Concourse A	1	Stairwell 94	A	Wall	--	Block	Tan/Beige	INTACT	0.03	0.02	1.42	10.77	9/26/2012 11:19
50	Concourse A	1	Stairwell 94	A	Stair	Riser	Metal	Blue	INTACT	0	0.02	1	4.18	9/26/2012 11:21
51	Concourse A	1	Stairwell 94	A	Stair	Stringer	Metal	Blue	INTACT	0	0.02	1.07	3.31	9/26/2012 11:22
52	Concourse A	1	Stairwell 94	A	Stair	Balusters	Metal	Blue	INTACT	0	0.02	1.03	2.17	9/26/2012 11:22
53	Concourse A	1	Stairwell 94	--	Ceiling	--	Sheetrock	White	INTACT	0	0.02	1	2.45	9/26/2012 11:23
54	Concourse A	Calibration	--	--	--	--	--	White	INTACT	0.7	0.1	1.1	4.03	9/26/2012 12:46
55	Concourse A	Calibration	--	--	--	--	--	White	INTACT	1.1	0.1	1.17	11.66	9/26/2012 12:47
56	Concourse A	Calibration	--	--	--	--	--	White	INTACT	0	0.02	1	4.46	9/26/2012 12:47
57	Concourse A	1	B5 boarding ramp	A	Wall	--	Metal	White	INTACT	0	0.02	1	1.73	9/26/2012 13:06
58	Concourse A	1	B5 boarding ramp	A	Wall	--	Metal	White	INTACT	0	0.02	1	2.02	9/26/2012 13:06
59	Concourse A	1	B5 boarding ramp	C	Wall	--	Metal	White	INTACT	0	0.02	1	3.17	9/26/2012 13:07
60	Concourse A	1	B5 boarding ramp	D	Door	--	Metal	White	INTACT	0	0.02	1	3.88	9/26/2012 13:07
61	Concourse A	1	B8 boarding ramp	C	Door	--	Metal	Grey	INTACT	0	0.02	1	2.6	9/26/2012 13:13
62	Concourse A	1	B8 boarding ramp	--	Ceiling	--	Metal	White	INTACT	0	0.02	1.09	1.43	9/26/2012 13:13
63	Concourse A	1	B8 boarding ramp	A	Wall	--	Metal	White	INTACT	0	0.02	1	3.32	9/26/2012 13:14
64	Concourse A	1	B9 boarding ramp	C	Wall	--	Metal	White	INTACT	0	0.02	1	3.16	9/26/2012 13:18
65	Concourse A	1	B9 boarding ramp	B	Door	--	Metal	Blue	INTACT	0	0.02	1	2.16	9/26/2012 13:23
66	Concourse A	1	B9 boarding ramp	B	Door	Jamb	Metal	Black	INTACT	0.01	0.02	3.32	6.47	9/26/2012 13:24
67	Concourse A	1	B7 boarding ramp	D	Wall		Metal	White	INTACT	0	0.02	1	1.01	9/26/2012 13:30
68	Concourse A	1	B7 boarding ramp	D	Wall		Metal	White	INTACT	0	0.02	1	2.16	9/26/2012 13:35
69	Concourse A	1	B7 boarding ramp	B	Wall		Metal	White	INTACT	0.02	0.02	1.1	6.46	9/26/2012 13:36
70	Concourse A	1	B7 boarding ramp	A	Wall		Block	White	INTACT	0	0.02	1	3.74	9/26/2012 13:49
71	Concourse A	1	B7 boarding ramp	--	Ceiling		Metal	White	INTACT	0	0.02	1	1.44	9/26/2012 13:51
72	Concourse A	1	Security Lobby	B	Door	Jamb	Metal	Grey	INTACT	0.03	0.02	1.47	5.16	9/26/2012 14:12
73	Concourse A	1	Security Lobby	B	Door	Jamb	Metal	Grey	INTACT	0.05	0.03	2.11	7.18	9/26/2012 14:13
74	Concourse A	1	Security Lobby	B	Door	Jamb	Metal	Grey	INTACT	0.6	0.1	1.01	5.19	9/26/2012 14:17
75	Concourse A	1	Security Lobby	B	Door	Jamb	Metal	Grey	INTACT	0.9	0.1	1.03	9.2	9/26/2012 14:18
76	Concourse A	1	Security Lobby	B	Door	Jamb	Metal	Grey	INTACT	0	0.02	1	3.17	9/26/2012 14:18
77	Concourse A									1.51	0		195.61	9/27/2012 7:49
78	Concourse A	Calibration								0.3	0.05	1.14	7.79	9/27/2012 7:51

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Side A = Street side; Sides B,C,D follow clockwise

TRC

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Concourse A & Murphy Terminal
Project # :	183572.4445.0710
Date(s):	9/26/12, 9/27/12, 10/1/12
Inspector:	Robert Misbach (State of Connecticut License No. 002188)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
79	Concourse A	Calibration								1.5	0.3	1.12	2.6	9/27/2012 7:51
80	Concourse A	Calibration								3.5	0.3	1.29	3.89	9/27/2012 7:52
81	Concourse A	1	Gate 4 boarding ramp	A	Wall		Metal	Red	INTACT	0	0.02	1	4.18	9/27/2012 8:00
82	Concourse A	1	Gate 4 boarding ramp	A	Wall		Metal	Tan/Beige	INTACT	0.03	0.02	2.72	9.92	9/27/2012 8:01
83	Concourse A	1	Gate 4 boarding ramp	--	Soffit		Metal	Tan/Beige	INTACT	0.05	0.1	3.4	2.73	9/27/2012 8:02
84	Concourse A	1	Gate 4 boarding ramp	--	Soffit		Metal	Tan/Beige	INTACT	0.01	0.02	1.15	4.16	9/27/2012 8:03
85	Concourse A	1	Gate 4 boarding ramp	A	Door	Jamb	Metal	Black	INTACT	0.05	0.06	7.95	20.13	9/27/2012 8:05
86	Concourse A	1	Gate 4 boarding ramp	C	Door	Jamb	Metal	White	INTACT	0.1	0.04	2.24	7.33	9/27/2012 8:08
87	Concourse A	1	B3 boarding ramp	D	Wall	--	Metal	Tan/Beige	INTACT	0.01	0.02	1	2.46	9/27/2012 8:12
88	Concourse A	1	B5 boarding ramp	--	Ceiling	--	Metal	Orange	INTACT	0	0.02	1.61	5.19	9/27/2012 8:17
89	Concourse A	1	B1 boarding ramp	--	Ceiling	--	Metal	White	INTACT	0.08	0.04	1.46	3.16	9/27/2012 8:25
90	Concourse A	1	B1 boarding ramp	--	Floor	--	Metal	Grey	INTACT	0.02	0.02	1	4.16	9/27/2012 8:27
91	Concourse A	1	B1 boarding ramp	D	Wall	--	Metal	White	DEFECTIVE	0.04	0.02	1.92	6.31	9/27/2012 8:28
92	Concourse A	1	B1 boarding ramp	B	Wall	Lower	Metal	Black	INTACT	0.07	0.03	1.74	7.17	9/27/2012 8:30
93	Concourse A	1	DAL	D	Column	--	Metal	Red	INTACT	0.01	0.02	2.01	5.45	9/27/2012 8:35
94	Concourse A	1	Security lobby	D	Wall	Upper	Sheetrock	Green	INTACT	0	0.02	1.36	2.73	9/27/2012 8:42
95	Concourse A	1	Security lobby	D	Wall	Lower	Sheetrock	Blue	INTACT	0	0.02	1	1.72	9/27/2012 8:42
96	Concourse A	1	Security lobby	C	Wall	--	Sheetrock	Tan/Beige	INTACT	0	0.02	1	1.87	9/27/2012 8:43
97	Concourse A	1	Security lobby	C	Wall	--	Block	Tan/Beige	INTACT	0	0.02	1.04	3.16	9/27/2012 8:45
98	Concourse A	1	Security lobby	--	Soffit	--	Sheetrock	Tan/Beige	INTACT	0	0.02	1	2.16	9/27/2012 8:55
99	Concourse A	Ground	117	D	Wall	--	Block	White	INTACT	0.06	0.04	6.14	20.68	9/27/2012 10:33
100	Concourse A	Ground	117	C	Door	Jamb	Metal	Blue	INTACT	0.02	0.02	1.04	5.48	9/27/2012 10:34
101	Concourse A	Ground	117	C	Wall	--	Sheetrock	Grey	INTACT	0	0.02	1	2.6	9/27/2012 10:35
102	Concourse A	Ground	117	B	Wall	--	Block	White	INTACT	0.06	0.04	3.24	7.76	9/27/2012 10:37
103	Concourse A	Ground	117	B	Header	--	Metal	White	INTACT	7.1	5.3	4.82	0.86	9/27/2012 10:39
104	Concourse A	Ground	117	C	Column	--	Metal	White	INTACT	11.6	3.9	10	1.72	9/27/2012 10:41
105	Concourse A	Ground	117	A	Cabinet	--	Wood	Grey	INTACT	0	0.02	1	3.17	9/27/2012 10:43
106	Concourse A	Ground	117	A	Cabinet	--	Wood	Black	INTACT	0	0.02	1	2.15	9/27/2012 10:44
107	Concourse A	Ground	117	--	I-Beam	--	Metal	Red	INTACT	0.02	0.02	1	3.6	9/27/2012 10:50
108	Concourse A	Ground	117	B	Bsbd heating	--	Metal	Black	INTACT	0	0.02	1	1.59	9/27/2012 10:51
109	Concourse A	Ground	Hall A	--	Header	--	Metal	White	INTACT	9.9	4.6	4.47	1.15	9/27/2012 11:38
110	Concourse A	Ground	Hall A	--	Column	--	Metal	Orange	INTACT	12.7	3	1.61	2.59	9/27/2012 11:42
111	Concourse A	Ground	113-114	C	Wall	--	Block	White	INTACT	0	0.02	1	2.44	9/27/2012 11:52
112	Concourse A	Ground	113-114	B	Door	Jamb	Metal	White	INTACT	0.04	0.03	3.35	9.61	9/27/2012 11:53
113	Concourse A	Ground	113-114	C	Door	Jamb	Metal	Grey	INTACT	0	0.02	1	1.29	9/27/2012 11:54
114	Concourse A	Calibration	--	--	--	--	Metal	Grey	INTACT	0.28	0.05	1.02	5.19	9/27/2012 13:07
115	Concourse A	Calibration	--	--	--	--	Metal	Grey	INTACT	1.5	0.3	1.15	2.74	9/27/2012 13:07
116	Concourse A	Calibration	--	--	--	--	Metal	Grey	INTACT	3.5	0.3	1.32	3.6	9/27/2012 13:08
117	Concourse A	Calibration	G 07	C	Door	Jamb	Metal	Grey	INTACT	0	0.02	1	2.16	9/27/2012 13:58

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Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Concourse A & Murphy Terminal
Project # :	183572.4445.0710
Date(s):	9/26/12, 9/27/12, 10/1/12
Inspector:	Robert Misbach (State of Connecticut License No. 002188)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
118	Concourse A	Ground	G 07	B	Wall	column	Block	White	INTACT	0	0.02	1	2.16	9/27/2012 14:00
119	Concourse A	Ground	G 08	A	Door	Door	Metal	Black	INTACT	0.01	0.02	1.47	4.31	9/27/2012 14:03
120	Concourse A	Ground	Stairwell	A	Stair	Stringer	Metal	Brown	INTACT	0	0.02	1	1.58	9/27/2012 14:06
121	Concourse A	Ground	Stairwell	A	Stair	Riser	Metal	Brown	INTACT	0	0.02	1	1.29	9/27/2012 14:07
122	Concourse A	Ground	94	B	Door	Door	Metal	Tan/Beige	INTACT	0.05	0.02	1.43	7.33	9/27/2012 14:39
123	Concourse A	Ground	94	B	Door	Jamb	Metal	Tan/Beige	INTACT	0.04	0.02	1.12	3.45	9/27/2012 14:39
124	Concourse A	Ground	94	B	Wall	--	Brick	White	INTACT	0.01	0.02	1.82	4.75	9/27/2012 14:40
125	Concourse A	Ground	94	C	Wall	--	Block	Grey	INTACT	0	0.02	1	3.15	9/27/2012 14:44
126	Concourse A	Ground	94	C	Wall	--	Block	Grey	INTACT	0.4	0.6	1.26	0.29	9/27/2012 15:19
127	Concourse A	Calibration	--	--	--	--	--	Grey	INTACT	0.4	0.1	1.21	4.9	9/27/2012 15:22
128	Concourse A	Calibration	--	--	--	--	--	Grey	INTACT	1.5	0.4	1.14	1.87	9/27/2012 15:22
129	Concourse A	Calibration	--	--	--	--	--	Grey	INTACT	3.4	0.3	1.26	3.45	9/27/2012 15:22
130	Concourse A									1.51	0		195.67	10/1/2012 9:00
131	Concourse A	Calibration								0.6	0.1	1.09	7.14	10/1/2012 9:03
132	Concourse A	Calibration								1	0.1	1.13	22.24	10/1/2012 9:04
133	Concourse A	Calibration								0	0.02	1.04	3.29	10/1/2012 9:05
134	Concourse A	Ground	86	C	Wall		Block	White	INTACT	0	0.02	1	2.71	10/1/2012 9:11
135	Concourse A	Ground	86	C	Roll-up door	Jamb	Metal	Grey	INTACT	0	0.02	1	5.14	10/1/2012 9:12
136	Concourse A	Ground	86	D	Wall	--	Block	Yellow	INTACT	0	0.02	1.12	2.72	10/1/2012 9:13
137	Concourse A	Ground	87	A	Wall	--	Block	Tan/Beige	INTACT	0	0.02	1	2.72	10/1/2012 9:44
138	Concourse A	Ground	87	A	Wall	--	Block	White	INTACT	0	0.02	1	3.16	10/1/2012 9:45
139	Concourse A	Ground	87	--	Rolling cage	--	Metal	Yellow	INTACT	0.7	0.1	1	4.86	10/1/2012 9:47
140	Concourse A	Ground	87	C	Door	--	Metal	Grey	INTACT	0	0.02	1	1.43	10/1/2012 9:48
141	Concourse A	Ground	87	C	Door	Jamb	Metal	Grey	INTACT	0	0.02	1.16	2.15	10/1/2012 9:48
142	Concourse A	Ground	87	A	drainpipe	--	Metal	Black	INTACT	0	0.02	1.02	2	10/1/2012 9:50
143	Concourse A	Ground	88	--	Header	--	Metal	White	INTACT	0	0.03	1.07	0.86	10/1/2012 9:51
144	Concourse A	Ground	88	--	Header	--	Metal	White	INTACT	0.01	0.02	1.47	3.57	10/1/2012 9:52
145	Concourse A	Ground	97	B	Wall	--	Block	Blue	INTACT	0	0.02	1.72	3.72	10/1/2012 9:55
146	Concourse A	Ground	87	--	Floor	--	Concrete	Grey	DEFECTIVE	0.02	0.03	2.45	4.57	10/1/2012 10:55
147	Concourse A	Ground	Main corridor	D	Wall	--	Block	White	INTACT	0	0.02	1	3.42	10/1/2012 12:01
148	Concourse A	Ground	Main corridor	B	Wall	--	Block	White	INTACT	0	0.02	1	2.14	10/1/2012 12:02
149	Concourse A	Ground	Stairwell 94	A	Wall	--	Block	White	INTACT	0	0.02	1	3.42	10/1/2012 12:03
150	Concourse A	Ground	Stairwell 94	--	Ceiling	--	Block	White	INTACT	0.01	0.05	1.75	0.99	10/1/2012 12:03
151	Concourse A	Ground	Stairwell 94	--	Ceiling	--	Block	White	INTACT	0	0.02	1	2	10/1/2012 12:04
152	Concourse A	Ground	Stairwell 94	A	Stair	Stringer	Metal	Blue	INTACT	0.08	0.03	1.63	9.42	10/1/2012 12:06
153	Concourse A	Ground	Stairwell 94	A	Stair	Riser	Metal	Blue	INTACT	0.1	0.03	1.81	7.28	10/1/2012 12:07
154	Concourse A	Ground	Stairwell 94	A	Window	Lentil	Metal	White	INTACT	14.5	4.4	3.95	1.71	10/1/2012 12:10
155	Concourse A	Calibration	--	--	--	--	--	White	INTACT	0.7	0.1	1.14	5.86	10/1/2012 13:12
156	Concourse A	Calibration	--	--	--	--	--	White	INTACT	1	0.1	1.14	20.9	10/1/2012 13:14

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

Side A = Street side; Sides B,C,D follow clockwise

TRC

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Concourse A & Murphy Terminal
Project # :	183572.4445.0710
Date(s):	9/26/12, 9/27/12, 10/1/12
Inspector:	Robert Misbach (State of Connecticut License No. 002188)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
157	Concourse A	Calibration	--	--	--	--	--	White	INTACT	0	0.02	1.58	2.43	10/1/2012 13:14
158	Murphy Terminal	Ground	Delta baggage claim	--	Column	--	Metal	Orange	INTACT	17.8	10	1.91	0.85	10/1/2012 13:24
159	Murphy Terminal	Ground	Delta baggage claim	--	Soffit	--	Sheetrock	Blue	INTACT	0.02	0.4	10	0.28	10/1/2012 13:26
160	Murphy Terminal	Ground	Delta baggage claim	--	Soffit	--	Sheetrock	Blue	INTACT	0	0.02	1	2.58	10/1/2012 13:27
161	Murphy Terminal	Ground	Delta baggage claim	D	Wall	Upper	Sheetrock	White	INTACT	0	0.02	1	2.29	10/1/2012 13:29
162	Murphy Terminal	Ground	Delta baggage claim	D	Wall	Lower	Sheetrock	Blue	INTACT	0.01	0.07	5.5	2.27	10/1/2012 13:29
163	Murphy Terminal	Ground	Delta baggage claim	D	Wall	Lower	Sheetrock	Blue	INTACT	0	0.02	1	3.01	10/1/2012 13:30
164	Murphy Terminal	Ground	Delta baggage claim	A	Heater	--	Metal	Blue	INTACT	0	0.02	1	2.42	10/1/2012 13:32
165	Murphy Terminal	Ground	Delta baggage claim	A	Column	--	Sheetrock	White	INTACT	0	0.02	1.62	3.85	10/1/2012 13:38
166	Murphy Terminal	Ground	Delta baggage claim	A	Door	--	Metal	Blue	INTACT	0	0.02	1.41	2.29	10/1/2012 13:39
167	Murphy Terminal	Ground	Delta baggage claim	A	Door	Jamb	Metal	Blue	INTACT	0	0.02	1	1.87	10/1/2012 13:40
168	Murphy Terminal	Ground	Stairwell S2	A	Door	Jamb	Metal	Grey	INTACT	0	0.02	1	2.28	10/1/2012 13:47
169	Murphy Terminal	Ground	Stairwell S2	A	Door	Door	Metal	Grey	INTACT	0.03	0.09	5.47	2.71	10/1/2012 13:48
170	Murphy Terminal	Ground	Stairwell S2	A	Door	Door	Metal	Grey	INTACT	0	0.02	1	1.42	10/1/2012 13:48
171	Murphy Terminal	Ground	Stairwell S2	A	Wall	--	Block	White	INTACT	0	0.02	1	3.16	10/1/2012 13:49
172	Murphy Terminal	Ground	Stairwell S2	A	Stair	Stringer	Metal	Grey	INTACT	0	0.02	1	1.57	10/1/2012 13:50
173	Murphy Terminal	Ground	Stairwell S2	A	Stair	Riser	Metal	Grey	INTACT	0	0.02	1	2.28	10/1/2012 13:50
174	Murphy Terminal	Ground	Stairwell S2	A	Stair	Railing	Metal	Grey	INTACT	0.06	0.02	1.57	11.27	10/1/2012 13:52
175	Murphy Terminal	Ground	Stairwell S2	A	Pipe	--	Metal	White	INTACT	0.04	0.02	1.06	3.3	10/1/2012 13:53
176	Murphy Terminal	Ground	Women 1	A	heater	--	Metal	Brown	INTACT	0.01	0.12	1	0.14	10/1/2012 13:55
177	Murphy Terminal	Ground	Women 1	A	heater	--	Metal	Brown	INTACT	0.04	0.02	1.57	4.72	10/1/2012 13:55
178	Murphy Terminal	Ground	Hall B	C	Door	Jamb	Metal	Grey	INTACT	0.01	0.02	1	2.43	10/1/2012 14:12
179	Murphy Terminal	Ground	Hall B	C	Wall	--	Block	White	INTACT	0	0.02	1	2	10/1/2012 14:13
180	Murphy Terminal	Ground	Hall B vestibule	--	Floor	--	Concrete	Grey	INTACT	0	0.02	1.94	3.99	10/1/2012 14:15
181	Murphy Terminal	Ground	Enty ramp	C	Wall	--	Sheetrock	Blue	INTACT	0	0.02	1	1.57	10/1/2012 14:27
182	Murphy Terminal	Ground	Enty ramp	B	Wall	--	Concrete	Green	INTACT	0	0.02	1	2.43	10/1/2012 14:29
183	Murphy Terminal	Ground	Enty ramp	A	Stair	Railing	Metal	Grey	INTACT	0	0.02	1	2.43	10/1/2012 14:33
184	Murphy Terminal	Ground	67	A	Wall	--	Brick	White	INTACT	0	0.02	1.13	2.57	10/1/2012 14:49
185	Murphy Terminal	Ground	69	A	Wall	--	Brick	Tan/Beige	INTACT	0.04	0.03	3.12	11.16	10/1/2012 14:51
186	Murphy Terminal	Ground	Hall outside Budget 14	B	Wall	--	Block	Green	INTACT	0	0.02	1	1.87	10/1/2012 14:53
187	Murphy Terminal	Ground	Reserv.board	A	Wall	Support	Metal	Grey	INTACT	0	0.02	1	1.86	10/1/2012 14:58
188	Murphy Terminal	Ground	Delta baggage claim	A	Column	--	Plaster	White	INTACT	0	0.02	1	3.14	10/1/2012 15:01
189	Murphy Terminal	Ground	Hall G stairwell	A	Stair	Riser	Metal	Grey	INTACT	3.7	1	2.16	1.57	10/1/2012 15:07
190	Murphy Terminal	Ground	Hall G stairwell	A	Stair	Stringer	Metal	Grey	INTACT	2.6	1.2	1.94	1	10/1/2012 15:08
191	Murphy Terminal	Ground	Hall G stairwell	A	Stair	Railing	Metal	Grey	INTACT	0.17	0.06	1.85	4.56	10/1/2012 15:08
192	Murphy Terminal	Ground	Behind room 11 Hall	B	Wall	--	Brick	White	INTACT	0.01	0.02	3.41	6.87	10/1/2012 15:10
193	Murphy Terminal	Ground	Behind room 11 Hall	D	Column	--	Metal	White	INTACT	7.4	3.9	9.48	1.29	10/1/2012 15:11
194	Murphy Terminal	Ground	Public concourse	C	Column	--	Block	Tan/Beige	INTACT	0.02	0.02	1	4.01	10/1/2012 15:31
195	Murphy Terminal	Calibration	--	--	--	--	--	Tan/Beige	INTACT	0.6	0.1	1	4.87	10/1/2012 15:38

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

Side A = Street side; Sides B,C,D follow clockwise

TRC

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Concourse A & Murphy Terminal
Project # :	183572.4445.0710
Date(s):	9/26/12, 9/27/12, 10/1/12
Inspector:	Robert Misbach (State of Connecticut License No. 002188)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
196	Murphy Terminal	Calibration	--	--	--	--	--	Tan/Beige	INTACT	1	0.1	1.12	20.94	10/1/2012 15:39
197	Murphy Terminal	Calibration	--	--	--	--	--	Tan/Beige	INTACT	0	0.02	1	1.57	10/1/2012 15:40

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

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Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Murphy Terminal & Concourse A
Project # :	183572.4445.0710
Date(s):	10/3/2012
Inspector:	Robert Misbach (State of Connecticut License No. 002188)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
1	CONCOURSE A	Ground	104	B	Door		Metal	Grey	INTACT	0	0.02	1	2.14	10/3/2012 9:14
2	CONCOURSE A	Ground	104	B	Roll-up door		Metal	Grey	INTACT	0.01	0.03	1.53	2.14	10/3/2012 9:15
3	CONCOURSE A	Ground	104	C	Wall		Block	Yellow	INTACT	0.02	0.03	4.81	6.85	10/3/2012 10:30
4	CONCOURSE A	Ground	104	A	Wall		Block	Yellow	INTACT	0.18	0.28	10	4.13	10/3/2012 10:40
5	CONCOURSE A	Ground	104	A	Wall		Block	Yellow	INTACT	0.01	0.03	3.79	4.99	10/3/2012 10:40
6	CONCOURSE A	Ground	104	A	Wall		Block	Yellow	INTACT	0	0.02	1	2.42	10/3/2012 10:41
7	CONCOURSE A	Ground	104	A	Wall		Block	Yellow	INTACT	0	0.02	1	4.56	10/3/2012 10:42
8	CONCOURSE A	Ground	104	A	Wall		Brick	Yellow	INTACT	0	0.02	1.4	2.7	10/3/2012 10:42
9	CONCOURSE A	Exterior	B4 boarding ramp	D	Column		Metal	White	INTACT	0	0.02	1	2.14	10/3/2012 10:46
10	CONCOURSE A	1	B3 boarding ramp	B	Column		Metal	Brown	INTACT	0.01	0.05	3.17	2.43	10/3/2012 11:39
11	CONCOURSE A	1	B3 boarding ramp	A	Wall		Metal	Red	INTACT	0	0.02	1	1.72	10/3/2012 11:46
12	CONCOURSE A	1	B3 boarding ramp	A	Wall		Metal	Black	INTACT	0.02	0.03	4.69	4.71	10/3/2012 11:48
13	CONCOURSE A	1	B3 boarding ramp	--	Ceiling		Metal	Red	INTACT	0.01	0.02	2.03	4.55	10/3/2012 11:50
14	CONCOURSE A	1	B3 boarding ramp	--	I-beam		Metal	Red	INTACT	0	0.02	1	1.43	10/3/2012 11:57
15	CONCOURSE A	1	B3 boarding ramp	--	I-beam		Metal	Red	INTACT	0.01	0.04	1	0.72	10/3/2012 11:58
16	CONCOURSE A	1	B3 boarding ramp	--	I-beam		Metal	Red	INTACT	0	0.02	1	1.86	10/3/2012 11:58
17	CONCOURSE A	Calibration	--	--	--		--	Red	INTACT	0.28	0.04	1	7.72	10/3/2012 12:55
18	CONCOURSE A	Calibration	--	--	--		--	Red	INTACT	1.4	0.1	1.1	6.13	10/3/2012 12:55
19	CONCOURSE A	Calibration	--	--	--		--	Red	INTACT	3.4	0.3	1.28	4.14	10/3/2012 12:56
20	BIA Terminal B Murphy	Ground	SC 2	B	Wall		Brick	Tan/Beige	INTACT	0.01	0.02	2.3	4.27	10/3/2012 13:06
21	BIA Terminal B Murphy	Ground	SC 2	D	Wall		Block	Tan/Beige	INTACT	0	0.02	1	2.85	10/3/2012 13:07
22	BIA Terminal B Murphy	Ground	Delta baggage claim	C	Wall		Block	Tan/Beige	INTACT	0.01	0.05	3.68	2.7	10/3/2012 13:19
23	BIA Terminal B Murphy	Ground	Public concourse A	A	Wall		Plaster	Green	INTACT	0.03	0.02	1	8.08	10/3/2012 13:23
24	BIA Terminal B Murphy	Ground	FAA closet	D	Wall		Block	Tan/Beige	INTACT	0.16	0.07	3.83	6.71	10/3/2012 13:27
25	BIA Terminal B Murphy	Ground	FAA closet	D	Wall		Block	Tan/Beige	INTACT	0.18	0.05	3.44	14.69	10/3/2012 13:28
26	BIA Terminal B Murphy	Ground	Public concourse a	--	Ceiling		Concrete	Tan/Beige	INTACT	0.11	0.04	2.46	7.54	10/3/2012 13:33
27	BIA Terminal B Murphy	Ground	Public concourse a	--	Ceiling		Concrete	Tan/Beige	INTACT	0.15	0.05	3.28	11.27	10/3/2012 13:35
28	BIA Terminal B Murphy	Ground	12	B	Wall		Plaster	Tan/Beige	DEFECTIVE	0	0.02	1	3.98	10/3/2012 14:09
29	BIA Terminal B Murphy	Ground	12	B	Wall	Lower	Block	Black	DEFECTIVE	0.01	0.02	2.39	3.7	10/3/2012 14:10
30	BIA Terminal B Murphy	Ground	12	D	Ceiling	--	Concrete	Tan/Beige	INTACT	0	0.02	1	0.57	10/3/2012 14:11
31	BIA Terminal B Murphy	Ground	12	D	Ceiling	--	Concrete	Tan/Beige	INTACT	0	0.02	1	3.69	10/3/2012 14:11
32	BIA Terminal B Murphy	Ground	12	D	Ceiling	--	Concrete	Tan/Beige	INTACT	0	0.02	1	1.99	10/3/2012 14:12
33	BIA Terminal B Murphy	Ground	12	C	Column	--	Metal	Black	INTACT	0	0.02	1	2.29	10/3/2012 14:15
34	BIA Terminal B Murphy	Ground	12	D	Conveyor	--	Metal	Tan/Beige	INTACT	0.03	0.02	1.15	5.55	10/3/2012 14:16
35	BIA Terminal B Murphy	Ground	12	B	Column	Upper	Metal	Yellow	INTACT	0	0.02	1	1.57	10/3/2012 14:23
36	BIA Terminal B Murphy	Ground	12	B	Column	Upper	Plaster	Tan/Beige	INTACT	0.08	0.57	8.74	0.43	10/3/2012 14:23
37	BIA Terminal B Murphy	Ground	12	B	Column	Upper	Plaster	Tan/Beige	INTACT	0.25	0.07	3.79	11.7	10/3/2012 14:24

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

Side A = Street side; Sides B,C,D follow clockwise

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Murphy Terminal & Concourse A
Project # :	183572.4445.0710
Date(s):	10/3/2012
Inspector:	Robert Misbach (State of Connecticut License No. 002188)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
38	BIA Terminal B Murphy	Calibration	--	--	--	--	--	Tan/Beige	INTACT	0.3	0.05	1.1	6.14	10/3/2012 15:22
39	BIA Terminal B Murphy	Calibration	--	--	--	--	--	Tan/Beige	INTACT	1.4	0.1	1.1	6.28	10/3/2012 15:23
40	BIA Terminal B Murphy	Calibration	--	--	--	--	--	Tan/Beige	INTACT	3.4	0.3	1.28	3.71	10/3/2012 15:23

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

Side A = Street side; Sides B,C,D follow clockwise

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Murphy Terminal & IAB
Project # :	183572.4445.0710
Date(s):	10/5/2012, 10/9/12, 10/10-12/12
Inspector:	Robert Misbach (State of Connecticut License No. 002188)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
1										1.58	0		203.57	10/5/2012 10:04
2	Murphy Terminal	Calibration								0.7	0.1	1.12	6.25	10/5/2012 10:08
3	Murphy Terminal	Calibration								1.5	0.1	1.16	7.68	10/5/2012 10:09
4	Murphy Terminal	Calibration								0	0.02	1	5.4	10/5/2012 10:09
5	Murphy Terminal	Calibration	Snack bar 15 area	A	Wall		Brick	Yellow	Covered surface	0	0.02	1	1.7	10/5/2012 10:22
6	Murphy Terminal	Calibration	Snack bar 15 area	B	Column		Plaster	Green	Covered surface	0.05	0.02	1	6.66	10/5/2012 10:25
7	Murphy Terminal	1	Snack bar 15 area	B	Wall		Concrete	White	INTACT	0	0.02	1	2.4	10/5/2012 10:27
8	Murphy Terminal	1	Snack bar 15 area	A	Wall		Brick	White	INTACT	0	0.02	1	3.4	10/5/2012 10:28
9	Murphy Terminal	1	Host lounge 14	B	Wall		Concrete	Tan/Beige	INTACT	0	0.02	2.11	5.53	10/5/2012 10:30
10	Murphy Terminal	1	DAL storage 112	--	Ceiling		Concrete	Tan/Beige	INTACT	0.01	0.02	1.13	2.7	10/5/2012 10:44
11	Murphy Terminal	1	18	C	Window	Sash int	Metal	Grey	INTACT	0	0.02	1	1.7	10/5/2012 11:02
12	Murphy Terminal	1	18	C	beam	--	Concrete	Tan/Beige	INTACT	0.07	0.04	2.49	6.96	10/5/2012 11:04
13	Murphy Terminal	1	18	--	beam	--	Metal	Tan/Beige	INTACT	1.5	0.2	3.16	5.26	10/5/2012 11:04
14	Murphy Terminal	1	18	--	deck	--	Concrete	Tan/Beige	INTACT	0.06	0.08	2.24	2.85	10/5/2012 11:05
15	Murphy Terminal	1	18	--	deck	--	Concrete	Tan/Beige	INTACT	0.06	0.04	2.08	4.12	10/5/2012 11:07
16	Murphy Terminal	1	19	C	Window	frame	Metal	White	INTACT	0	0.02	1.56	2.56	10/5/2012 11:10
17	Murphy Terminal	1	19	C	Window	lintel	Metal	White	INTACT	0.03	0.03	2.15	3.83	10/5/2012 11:11
18	Murphy Terminal	1	19	C	Wall	--	Brick	Tan/Beige	INTACT	0.02	0.03	4.9	6.53	10/5/2012 11:13
19	Murphy Terminal	1	20 Office area hall	C	Column	--	Plaster	White	INTACT	0	0.02	1	2.55	10/5/2012 11:17
20	Murphy Terminal	1	20 Office area hall	C	Window	Sill	Metal	Blue	INTACT	0.02	0.02	1.26	3.26	10/5/2012 11:20
21	Murphy Terminal	1	Public corridor	A	Column	--	Metal	Black	INTACT	0.03	0.03	1.6	4.25	10/5/2012 11:27
22	Murphy Terminal	1	31	A	Wall	--	Brick	White	INTACT	0	0.02	1	2.4	10/5/2012 11:55
23	Murphy Terminal	1	31	--	beam	--	Metal	Tan/Beige	INTACT	12.4	3.5	5.69	2.13	10/5/2012 11:56
24	Murphy Terminal	1	Public corridor	A	Column	--	Metal	Brown	INTACT	0.7	0.2	1.27	2.26	10/5/2012 12:02
25	Murphy Terminal	Calibration	--	--	--	--	--	Brown	INTACT	0.3	0.05	1.07	7.26	10/5/2012 12:12
26	Murphy Terminal	Calibration	--	--	--	--	--	Brown	INTACT	1.6	0.1	1.18	5.82	10/5/2012 12:12
27	Murphy Terminal	Calibration	--	--	--	--	--	Brown	INTACT	3.3	0.3	1.26	3.27	10/5/2012 12:12
28	Murphy Terminal	Ground	123a	--	beam	--	Metal	Red	INTACT	0	0.02	1	0.85	10/5/2012 13:34
29	Murphy Terminal	Ground	123a	--	beam	--	Metal	Red	INTACT	0	0.02	1	1.41	10/5/2012 13:34
30	Murphy Terminal	2	Hall 2C	C	Window	Sill	Metal	Blue	INTACT	0.16	0.04	2.46	12.37	10/5/2012 14:18
31	Murphy Terminal	2	Hall 2C	C	Wall	--	Plaster	White	INTACT	0.17	0.06	5.64	19.61	10/5/2012 14:20
32	Murphy Terminal	2	Hall 2C	B	Wall	--	Plaster	White	INTACT	0	0.02	1	2.85	10/5/2012 14:20
33	Murphy Terminal	2	Hall 2C	D	Wall	--	Plaster	White	INTACT	0.2	0.08	6.41	13.65	10/5/2012 14:22
34	Murphy Terminal	2	Hall 2C	A	Wall	--	Plaster	White	INTACT	0.13	0.05	4.59	18.05	10/5/2012 14:24
35	Murphy Terminal	2	Center stairwell	B	Window	Sill	Concrete	Tan/Beige	INTACT	0.06	0.04	3.69	9.39	10/5/2012 14:28
36	Murphy Terminal	2	Center stairwell	--	Beam	--	Concrete	Tan/Beige	INTACT	0.07	0.09	5.1	3.13	10/5/2012 14:33
37	Murphy Terminal	2	Center stairwell	--	Beam	--	Concrete	Tan/Beige	INTACT	0.02	0.02	1.85	3.83	10/5/2012 14:34
38	Murphy Terminal	Calibration	--	--	--	--	--	Tan/Beige	INTACT	0.27	0.06	1	4.28	10/5/2012 15:05
39	Murphy Terminal	Calibration	--	--	--	--	--	Tan/Beige	INTACT	1.5	0.1	1.17	6.68	10/5/2012 15:05
40	Murphy Terminal	Calibration	--	--	--	--	--	Tan/Beige	INTACT	3.5	0.3	1.3	4.56	10/5/2012 15:06

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Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Murphy Terminal & IAB
Project # :	183572.4445.0710
Date(s):	10/5/2012, 10/9/12, 10/10-12/12
Inspector:	Robert Misbach (State of Connecticut License No. 002188)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
41	Murphy Terminal									1.54	0		205.69	10/9/2012 10:44
42	Murphy Terminal	Calibration								0.28	0.04	1.02	8.36	10/9/2012 10:48
43	Murphy Terminal	Calibration								1.5	0.1	1.14	6.36	10/9/2012 10:49
44	Murphy Terminal	Calibration								3.4	0.3	1.27	4.95	10/9/2012 10:49
45	Murphy Terminal	Calibration	23	A	Stair		Metal	Blue	INTACT	3.1	0.9	2.26	1.56	10/9/2012 10:57
46	Murphy Terminal	Ground	23	B	Wall		Block	Blue	INTACT	0.01	0.02	1.9	3.38	10/9/2012 10:58
47	Murphy Terminal	Ground	3C	C	Column		Block	Blue	INTACT	0.01	0.02	1.12	3.52	10/9/2012 11:02
48	Murphy Terminal	Ground	3C	--	I-Beam		Metal	Tan/Beige	INTACT	0.02	0.05	2.98	2.68	10/9/2012 11:04
49	Murphy Terminal	Ground	Room 57	A	Column		Brick	Tan/Beige	INTACT	0	0.02	1	3.24	10/9/2012 11:24
50	Murphy Terminal	Ground	2A	C	Wall		Brick	Tan/Beige	INTACT	0.02	0.03	2.7	3.54	10/9/2012 13:30
51	Murphy Terminal	Ground	2B	A	Wall		Block	White	INTACT	0.03	0.02	1	3.94	10/9/2012 13:41
52	Murphy Terminal	Ground	2B	A	Floor		Concrete	Grey	INTACT	0.01	0.02	2.1	4.39	10/9/2012 13:42
53	Murphy Terminal	Calibration	--	--	--		--	Grey	INTACT	0.26	0.05	1	6.1	10/9/2012 15:08
54	Murphy Terminal	Calibration	--	--	--		--	Grey	INTACT	1.5	0.1	1.13	5.23	10/9/2012 15:09
55	Murphy Terminal	Calibration	--	--	--		--	Grey	INTACT	3.4	0.3	1.3	4.53	10/9/2012 15:09
56	Murphy Terminal									1.6	0		203.66	10/10/2012 12:23
57	Murphy Terminal	Calibration								18.9	1.7	1.01	5.95	10/10/2012 12:27
58	Murphy Terminal	Calibration								17.4	1.9	1.19	4.65	10/10/2012 12:27
59	Murphy Terminal									1.43	0		201.65	10/10/2012 12:34
60	Murphy Terminal	Calibration								0	0.02	1	3.24	10/10/2012 12:35
61	Murphy Terminal	Calibration								0.3	0.05	1.15	7.35	10/10/2012 12:36
62	Murphy Terminal	Calibration								1.4	0.1	1.1	5.5	10/10/2012 12:37
63	Murphy Terminal	Calibration	SP66 A locker room	D	Wall		Block	Tan/Beige	INTACT	0.01	0.05	1.54	0.99	10/10/2012 12:47
64	Murphy Terminal	Calibration	SP66 A locker room	D	Wall		Block	Tan/Beige	INTACT	0	0.02	1	0.85	10/10/2012 12:47
65	Murphy Terminal	Calibration	SP66 A locker room	D	Wall		Block	Tan/Beige	INTACT	0	0.02	1	2.69	10/10/2012 12:48
66	Murphy Terminal	Calibration	SP66 A locker room	D	Wall		Plaster	Tan/Beige	INTACT	0.12	0.05	4.17	11.57	10/10/2012 12:49
67	Murphy Terminal	Calibration	SP66 A locker room	C	Wall		Ceramic	Tan/Beige	INTACT	0	0.02	1	2.25	10/10/2012 12:50
68	Murphy Terminal	1	SP66 A locker room	B	Wall		Plaster	Tan/Beige	INTACT	0.05	0.02	1.95	9.17	10/10/2012 12:54
69	Murphy Terminal	1	SP66 A locker room	C	Wall		Plaster	Tan/Beige	INTACT	0.03	0.02	1.65	6.08	10/10/2012 12:56
70	Murphy Terminal	1	SP66 A locker room	D	Wall		Plaster	Tan/Beige	INTACT	0.18	0.04	4.14	30	10/10/2012 12:59
71	Murphy Terminal	Ground	SP Mech	C	Wall		Block	Grey	INTACT	0.25	0.04	1.7	17.17	10/10/2012 13:11
72	Murphy Terminal	Ground	SP Mech	B	Wall		Block	Grey	INTACT	0.2	0.04	1.58	8.88	10/10/2012 13:12
73	Murphy Terminal	Ground	SP Mech	--	Ceiling		Concrete	Tan/Beige	INTACT	0.01	0.02	1.07	2.83	10/10/2012 13:15
74	Murphy Terminal	Ground	SP Mech	B	Wall	Upper	Block	Tan/Beige	INTACT	0.4	0.1	1.72	14.36	10/10/2012 13:17
75	Murphy Terminal	Ground	SP Mech	B	Wall	Upper	Block	Tan/Beige	INTACT	0.3	0.05	1.59	12.39	10/10/2012 13:18
76	Murphy Terminal	Ground	13	B	Wall	--	Block	Tan/Beige	INTACT	0	0.02	1	2.11	10/10/2012 13:31
77	Murphy Terminal	Ground	13	B	Wall	--	Brick	Tan/Beige	INTACT	0	0.02	1	2.52	10/10/2012 13:32
78	Murphy Terminal	Calibration	--	--	--	--	Brick	Tan/Beige	INTACT	0.3	0.05	1.05	7.51	10/10/2012 15:13
79	Murphy Terminal	Calibration	--	--	--	--	Brick	Tan/Beige	INTACT	0	0.02	1	1.7	10/10/2012 15:13
80	Murphy Terminal	Calibration	--	--	--	--	Brick	Tan/Beige	INTACT	3.6	0.3	1.31	4.11	10/10/2012 15:13

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

Side A = Street side; Sides B,C,D follow clockwise

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Murphy Terminal & IAB
Project # :	183572.4445.0710
Date(s):	10/5/2012, 10/9/12, 10/10-12/12
Inspector:	Robert Misbach (State of Connecticut License No. 002188)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
81	Murphy Terminal									1.44	0		203.61	10/11/2012 11:18
82	Murphy Terminal	Calibration								0.6	0.1	1.11	7.46	10/11/2012 11:21
83	Murphy Terminal	Calibration								1.5	0.1	1.15	6.18	10/11/2012 11:21
84	Murphy Terminal	Calibration								0	0.02	1	2.82	10/11/2012 11:21
85	Murphy Terminal	1	AA Room 62		beam		Metal	Grey	INTACT	0.01	0.02	3.7	7.49	10/11/2012 11:26
86	Murphy Terminal	Ground	13	D	Wall	Lower	Block	Grey	INTACT	0.12	0.1	1.54	2.4	10/11/2012 11:30
87	Murphy Terminal	Ground	13	D	Wall	Lower	Block	Grey	INTACT	0.1	0.03	1.56	12.25	10/11/2012 11:31
88	Murphy Terminal	Ground	13	D	Wall	Lower	Brick	Grey	INTACT	0	0.02	1	2.38	10/11/2012 11:32
89	Murphy Terminal	Ground	13	B	Door	Jamb	Metal	Grey	INTACT	0.03	0.02	1	3.94	10/11/2012 11:32
90	Murphy Terminal	Basement	Room 151	B	Wall	--	Concrete	Green	INTACT	0.4	0.1	2.16	3.53	10/11/2012 12:52
91	Murphy Terminal	Basement	Room 151	B	Wall	--	Concrete	Green	INTACT	0.4	0.1	2.32	20.23	10/11/2012 12:54
92	Murphy Terminal	Basement	Room 151	D	Wall	--	Brick	Green	INTACT	0.27	0.06	2.38	11.43	10/11/2012 12:55
93	Murphy Terminal	Basement	Room 151	A	Door	Jamb	Metal	Green	INTACT	0.07	0.02	1.62	11.26	10/11/2012 12:57
94	Murphy Terminal	Basement	Room 150 Boiler Room	A	Wall	--	Concrete	Grey	INTACT	3.9	0.9	1.89	5.77	10/11/2012 13:11
95	Murphy Terminal	Basement	Room 150 Boiler Room	C	Wall	--	Brick	Grey	INTACT	0.4	0.1	1.73	10.97	10/11/2012 13:12
96	Murphy Terminal	Basement	Room 150 Boiler Room	C	Column	--	Brick	Tan/Beige	INTACT	0.14	0.17	2.52	1.55	10/11/2012 13:13
97	Murphy Terminal	Basement	Room 150 Boiler Room	C	Column	--	Brick	Tan/Beige	INTACT	0.11	0.04	2.39	10.72	10/11/2012 13:14
98	Murphy Terminal	Basement	Room 150 Boiler Room	D	Wall	--	Brick	Grey	INTACT	0.4	0.1	2.03	8.58	10/11/2012 13:15
99	Murphy Terminal	Basement	Electric switchboard rm	B	Wall	Lower	Concrete	Green	INTACT	0.26	0.05	1.38	7.03	10/11/2012 13:25
100	Murphy Terminal	Basement	Electric switchboard rm	C	Wall	Lower	Brick	Green	INTACT	0.22	0.05	1.37	7.45	10/11/2012 13:27
101	Murphy Terminal	Basement	Electric switchboard rm	A	Wall	--	Concrete	White	INTACT	0.08	0.03	1.35	8.46	10/11/2012 13:28
102	Murphy Terminal	Basement	Room 150 Boiler Room	--	Stair	--	Concrete	Grey	DEFECTIVE	0.01	0.02	1.25	3.93	10/11/2012 13:29
103	Murphy Terminal	Basement	Room 150 Boiler Room	C	Door	Jamb	Metal	Grey	INTACT	0.1	0.02	1.49	13.12	10/11/2012 13:31
104	Murphy Terminal	Basement	149 corridor	D	Wall	--	Block	Brown	INTACT	0.02	0.02	1	3.24	10/11/2012 13:38
105	Murphy Terminal	Basement	149 corridor	A	Wall	--	Concrete	Grey	INTACT	0	0.02	1	3.4	10/11/2012 13:39
106	Murphy Terminal	Basement	Room 157 food preparation	C	Wall	--	Block	Brown	INTACT	0.05	0.05	4.02	5.06	10/11/2012 14:03
107	Murphy Terminal	Basement	Room 157 food preparation	C	Wall	--	Block	Brown	INTACT	0.02	0.02	2.22	6.75	10/11/2012 14:03
108	Murphy Terminal	Basement	Room 157 food preparation	B	Wall	--	Block	Tan/Beige	INTACT	0.02	0.02	1	4.23	10/11/2012 14:04
109	Murphy Terminal	Basement	Room 157 food preparation	C	Wall	--	Concrete	Tan/Beige	INTACT	0.03	0.03	1.93	5.77	10/11/2012 14:05
110	Murphy Terminal	Basement	Room 157 food preparation	C	Wall	--	Concrete	Tan/Beige	INTACT	0.01	0.02	1	3.38	10/11/2012 14:06
111	Murphy Terminal	Basement	Room 157 food preparation	--	Floor	--	Concrete	Red	INTACT	0	0.02	1.43	2.95	10/11/2012 14:06
112	Murphy Terminal	Basement	Room 157 food preparation	A	Wall	--	Block	Tan/Beige	INTACT	0	0.02	1	2.12	10/11/2012 14:08
113	Murphy Terminal	Basement	Room 157 food preparation	B	Window	Casing	Metal	Tan/Beige	INTACT	0.03	0.02	1.42	4.09	10/11/2012 14:09
114	Murphy Terminal	Basement	Disposal Room	--	Ceiling	--	Plaster	White	INTACT	0	0.02	1	0.85	10/11/2012 14:24
115	Murphy Terminal	Basement	Disposal Room	--	Ceiling	--	Plaster	White	INTACT	0	0.02	1	2.54	10/11/2012 14:24
116	Murphy Terminal	Basement	Disposal Room	B	Wall	--	Block	Yellow	INTACT	0	0.02	1	2.25	10/11/2012 14:26
117	Murphy Terminal	Calibration	--	--	--	--	--	Yellow	INTACT	0.28	0.04	1.01	10.19	10/11/2012 14:47
118	Murphy Terminal	Calibration	--	--	--	--	--	Yellow	INTACT	1.5	0.1	1.15	6.61	10/11/2012 14:48
119	Murphy Terminal	Calibration	--	--	--	--	--	Yellow	INTACT	0	0.02	1	2.67	10/11/2012 14:48
120	Murphy Terminal									1.41	0		201.68	10/12/2012 7:49

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

Side A = Street side; Sides B,C,D follow clockwise

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Murphy Terminal & IAB
Project # :	183572.4445.0710
Date(s):	10/5/2012, 10/9/12, 10/10-12/12
Inspector:	Robert Misbach (State of Connecticut License No. 002188)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
121	Murphy Terminal	Calibration								0.6	0.1	1.08	5.62	10/12/2012 7:52
122	Murphy Terminal	Calibration								1.5	0.1	1.15	7.31	10/12/2012 7:52
123	Murphy Terminal	Calibration								0	0.02	1	2.25	10/12/2012 7:53
124	Murphy Terminal	Ground	Murphy gr fl generator	B	Wall		Stucco	Brown	INTACT	0	0.02	1.08	1.83	10/12/2012 9:32
125	Murphy Terminal	Ground	Murphy gr fl generator	D	Wall		Block	Tan/Beige	INTACT	0.01	0.02	3.09	10.56	10/12/2012 9:33
126	Murphy Terminal	Ground	Murphy gr fl generator	A	Duct		Metal	Tan/Beige	INTACT	0.05	0.39	10	10.42	10/12/2012 9:35
127	Murphy Terminal	Ground	Murphy gr fl generator	A	Duct		Metal	Tan/Beige	INTACT	0	0.02	1	1.41	10/12/2012 9:35
128	Murphy Terminal	Ground	Murphy gr fl generator	A	Wall		Brick	Tan/Beige	INTACT	0	0.02	1	3.37	10/12/2012 9:36
129	Murphy Terminal	Ground	Murphy gr fl generator	A	Pipe		Metal	Tan/Beige	INTACT	0.04	0.02	1.64	6.04	10/12/2012 9:39
130	IAB	1	Public corridor	A	Wall		Sheetrock	White	INTACT	0.01	0.02	1	3.39	10/12/2012 11:06
131	IAB	1	Public corridor	C	Wall		Sheetrock	White	INTACT	0	0.02	1	2.54	10/12/2012 11:06
132	IAB	1	Public corridor	D	Door	Jamb	Metal	Blue	INTACT	0	0.02	1	1.4	10/12/2012 11:07
133	IAB	1	Public corridor	A	Radiator	--	Metal	Grey	INTACT	0	0.02	1	1.83	10/12/2012 11:08
134	IAB	1	Public corridor	C	Door	Door	Metal	Blue	INTACT	0	0.02	1	2.54	10/12/2012 11:09
135	IAB	1	Public corridor	A	Wall	Lower	Sheetrock	Blue	INTACT	0	0.02	1	1.69	10/12/2012 11:10
136	IAB	1	Public corridor	--	Ceiling	--	Sheetrock	White	INTACT	0	0.02	1	3.38	10/12/2012 11:11
137	IAB	1	Public corridor	B	Wall	--	Ceramic	Brown	INTACT	0.01	0.02	3.34	6.47	10/12/2012 11:20
138	IAB	1	Public corridor	B	Door	Jamb	Wood	White	INTACT	0	0.02	1	1.41	10/12/2012 11:20
139	Murphy Terminal	1	Munson Room B43 Murphy	D	Wall	--	Plaster	Pink	INTACT	0.03	0.02	1.07	8.57	10/12/2012 11:44
140	Murphy Terminal	1	Munson Room B43 Murphy	C	Wall	--	Plaster	Red	INTACT	0.08	0.02	1.46	13.5	10/12/2012 11:50
141	Murphy Terminal	1	Munson Room B43 Murphy	--	Ceiling	--	Plaster	White	INTACT	0.11	0.28	5.42	1.12	10/12/2012 11:58
142	Murphy Terminal	1	Munson Room B43 Murphy	--	Ceiling	--	Plaster	White	INTACT	0.16	0.45	10	1.69	10/12/2012 11:59
143	Murphy Terminal	1	Munson Room B43 Murphy	--	Ceiling	--	Plaster	White	INTACT	0.12	0.05	6.53	23.04	10/12/2012 12:01
144	IAB	Calibration	--	--	--	--	--	White	INTACT	0.6	0.1	1	6.17	10/12/2012 12:25
145	IAB	Calibration	--	--	--	--	--	White	INTACT	1.5	0.1	1.13	6.18	10/12/2012 12:25
146	IAB	Calibration	--	--	--	--	--	White	INTACT	0	0.02	1	2.81	10/12/2012 12:26

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Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Murphy Terminal
Project # :	183572.4445.0710
Date(s):	10/15-17/2012
Inspector:	Robert Misbach (State of Connecticut License No. 002188)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
1										1.51	0		203.71	10/15/2012 8:23
2	bia									1.5	0.1	1.12	6.98	10/15/2012 8:26
3	bia									0.3	0.06	1.12	6.01	10/15/2012 8:26
4	bia									0	0.02	1	6.3	10/15/2012 8:27
5	Murphy Terminal	Basement	Vault	B	Wall		Concrete	White	INTACT	0.07	0.03	1.61	6.72	10/15/2012 8:43
6	Murphy Terminal	Basement	Vault	--	Floor		Concrete	Grey	INTACT	0.02	0.02	1.49	5.05	10/15/2012 8:44
7	Murphy Terminal	Basement	Vault	A	Column		Brick	White	INTACT	0.22	0.04	1.54	10.2	10/15/2012 8:45
8	Murphy Terminal	5	Control Tower	B	Wall		Wood	Green	INTACT	0.15	0.03	1	6.45	10/15/2012 10:04
9	Murphy Terminal	5	Control Tower	B	Column		Metal	Black	INTACT	1.8	0.3	3.14	5.46	10/15/2012 10:05
10	Murphy Terminal	5	Control Tower	B	Window	Sill	Metal	Blue	INTACT	0.7	0.4	2.31	1.68	10/15/2012 10:06
11	Murphy Terminal	5	Control Tower	B	Window	Sill	Metal	Blue	INTACT	0.6	0.1	2.09	10.96	10/15/2012 10:07
12	Murphy Terminal	5	Control Tower	--	I-beam	--	Metal	Red	INTACT	1.9	0.2	1.36	5.05	10/15/2012 10:10
13	Murphy Terminal	5	Control Tower	--	I-beam	--	Metal	Grey	INTACT	0	0.02	1.1	5.32	10/15/2012 10:11
14	Murphy Terminal	5	Control Tower	--	Column	--	Metal	Grey	INTACT	0	0.02	1	2.39	10/15/2012 10:13
15	Murphy Terminal	5	Control Tower	D	Wall	--	Wood	Blue	INTACT	0.5	0.1	1.42	11.46	10/15/2012 10:16
16	Murphy Terminal	5	Control Tower	B	Wall	--	Metal	Black	INTACT	0.3	0.07	2.4	10.52	10/15/2012 10:24
17	Murphy Terminal	5	Control Tower	C	Window	Sill	Metal	Black	INTACT	0.5	0.1	2.17	8.27	10/15/2012 10:53
18	Murphy Terminal	5	Control Tower	A	Beam	--	Metal	White	INTACT	1.9	0.4	7.08	8.27	10/15/2012 10:56
19	Murphy Terminal	5	Control Tower	A	Wall	--	Block	White	INTACT	0.16	0.07	4.1	8.26	10/15/2012 10:57
20	Murphy Terminal	5	Control Tower	A	Stair	Tread	Metal	Tan/Beige	INTACT	0.01	0.02	1	3.93	10/15/2012 10:58
21	Murphy Terminal	5	Control Tower	A	Stair	Railing	Metal	Grey	INTACT	4.4	0.7	6.11	6.73	10/15/2012 10:59
22	Murphy Terminal	5	Control Tower	C	Stair	Riser	Metal	Grey	INTACT	3.7	0.5	2.55	3.65	10/15/2012 11:04
23	Murphy Terminal	5	Penthouse	C	Wall	--	Concrete	White	INTACT	0.27	0.06	2.53	9.25	10/15/2012 11:06
24	Murphy Terminal	4	Penthouse	C	Stair	Stringer	Metal	Grey	INTACT	4.7	0.9	2.98	5.6	10/15/2012 11:07
25	Murphy Terminal	4	Penthouse	C	Stair	Riser	Metal	Grey	INTACT	3.5	0.4	2.41	4.91	10/15/2012 11:08
26	Murphy Terminal	4	83b Elevator	--	Floor	--	Concrete	Red	INTACT	0.01	0.02	1.31	4.05	10/15/2012 11:20
27	Murphy Terminal	4	83b Elevator	--	Door	Jamb	Metal	Black	INTACT	0.06	0.02	1.14	6.32	10/15/2012 11:21
28	Murphy Terminal	4	83	A	Wall	--	Block	Green	INTACT	0.5	0.1	1.86	8.82	10/15/2012 11:34
29	Murphy Terminal	4	83	D	Duct	Door	Metal	Grey	INTACT	0.05	0.02	1.11	4.62	10/15/2012 11:35
30	Murphy Terminal	4	83	A	Door	Door	Wood	Green	INTACT	0.01	0.02	1	3.5	10/15/2012 11:37
31	Murphy Terminal	4	83	B	Duct	--	Metal	Black	INTACT	0.03	0.02	1	4.78	10/15/2012 11:41
32	Murphy Terminal	4	Bath	A	Floor	--	Plaster	White	DEFECTIVE	0.1	0.03	2.51	21.11	10/15/2012 11:46
33	Murphy Terminal	Calibration	--	--	--	--	--	White	INTACT	0.3	0.05	1.07	7.15	10/15/2012 13:04
34	Murphy Terminal	Calibration	--	--	--	--	--	White	INTACT	1.6	0.2	1.19	4.48	10/15/2012 13:04
35	Murphy Terminal	Calibration	--	--	--	--	--	White	INTACT	0	0.02	1	3.37	10/15/2012 13:07
36	Murphy Terminal	3	51	A	Wall	--	Plaster	Green	INTACT	0.19	0.03	2.7	24.05	10/15/2012 13:44
37	Murphy Terminal	3	51	--	Ceiling	--	Plaster	White	INTACT	0.02	0.03	2.25	3.93	10/15/2012 13:45
38	Murphy Terminal	3	50	C	Window	Sill	Metal	Black	DEFECTIVE	0.21	0.04	1.95	10.5	10/15/2012 13:48
39	Murphy Terminal	3	50	A	Wall	--	Pegboard	Green	DEFECTIVE	0.15	0.04	1.84	8.7	10/15/2012 13:50

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

Side A = Street side; Sides B,C,D follow clockwise

Lead Based Paint Measurement Summary Table

Device(s): Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site: ConnDOT - BIA - Terminal B - Murphy Terminal
Project # : 183572.4445.0710
Date(s): 10/15-17/2012
Inspector: Robert Misbach (State of Connecticut License No. 002188)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
40	Murphy Terminal	3	50	A	Wall	closet	Plaster	Red	INTACT	0.6	0.1	1.12	14.21	10/15/2012 13:53
41	Murphy Terminal	3	Hall 01	C	Wall	--	Plaster	White	INTACT	0	0.02	1	3.37	10/15/2012 13:55
42	Murphy Terminal	3	78	--	Ceiling	--	Concrete	White	INTACT	0.08	0.04	2.28	7.4	10/15/2012 13:57
43	Murphy Terminal	3	78	D	Wall	--	Plaster	Green	INTACT	0.7	0.3	2.36	15.83	10/15/2012 13:59
44	Murphy Terminal	3	78	D	Wall	--	Plaster	Green	INTACT	0.1	0.02	2.64	30	10/15/2012 14:02
45	Murphy Terminal	3	W	B	Wall	--	Ceramic	Tan/Beige	INTACT	0.02	0.03	3.62	6.6	10/15/2012 14:05
46	Murphy Terminal	3	M	D	Wall	--	Plaster	White	INTACT	0	0.02	1.06	3.08	10/15/2012 14:06
47	Murphy Terminal	3	78	A	Column	--	Block	White	INTACT	0.03	0.02	1.51	6.87	10/15/2012 14:09
48	Murphy Terminal	3	80	D	Wall	--	Sheetrock	Tan/Beige	INTACT	0	0.02	1	1.4	10/15/2012 14:12
49	Murphy Terminal	Calibration	--	--	--	--	--	Tan/Beige	INTACT	0.29	0.04	1.03	8.13	10/15/2012 15:17
50	Murphy Terminal	Calibration	--	--	--	--	--	Tan/Beige	INTACT	1.5	0.1	1.11	6	10/15/2012 15:17
51	Murphy Terminal	Calibration	--	--	--	--	--	Tan/Beige	INTACT	0	0.02	1	2.39	10/15/2012 15:18
52	Murphy Terminal									1.47	0		205.56	10/16/2012 7:29
53	Murphy Terminal	Calibration								0	0.02	1	2.1	10/16/2012 7:45
54	Murphy Terminal	Calibration								0.3	0.06	1.12	5.86	10/16/2012 7:46
55	Murphy Terminal	Calibration								1	0.1	1.09	24.84	10/16/2012 7:48
56	Murphy Terminal	2	208	D	Wall		Wood	Tan/Beige	INTACT	0	0.02	1	1.4	10/16/2012 9:58
57	Murphy Terminal	2	HALL 1	C	Wall		Plaster	White	INTACT	0.07	0.04	3.1	8.54	10/16/2012 9:59
58	Murphy Terminal	2	HALL 1	C	Door	Jamb	Metal	Blue	INTACT	0	0.02	1	1.54	10/16/2012 10:00
59	Murphy Terminal	2	200a	A	Wall	--	Plaster	White	INTACT	0.07	0.04	4.4	13.58	10/16/2012 10:28
60	Murphy Terminal	2	200a	C	Window	Sill	Metal	White	INTACT	0.5	0.1	1.98	5.18	10/16/2012 10:29
61	Murphy Terminal	2	200a	C	Wall	--	Plaster	White	INTACT	0.08	0.04	4.56	15.67	10/16/2012 10:31
62	Murphy Terminal	2	Break Room 2	A	Wall	--	Plaster	Blue	INTACT	0.06	0.03	3.99	13.15	10/16/2012 10:50
63	Murphy Terminal	2	State Police hall	C	Door	--	Metal	Blue	INTACT	0.19	0.05	1.96	8.24	10/16/2012 11:34
64	Murphy Terminal	2	State Police hall	B	Door	Jamb	Wood	Blue	INTACT	0	0.02	1	2.11	10/16/2012 11:35
65	Murphy Terminal	2	State Police hall	--	Ceiling	--	Plaster	Tan/Beige	INTACT	0.04	0.04	3.7	7.13	10/16/2012 11:37
66	Murphy Terminal	Calibration	--	--	--	--	--	Tan/Beige	INTACT	0.28	0.04	1	9.09	10/16/2012 12:33
67	Murphy Terminal	Calibration	--	--	--	--	--	Tan/Beige	INTACT	1.6	0.1	1.19	6.57	10/16/2012 12:34
68	Murphy Terminal	Calibration	--	--	--	--	--	Tan/Beige	INTACT	0	0.02	1	1.68	10/16/2012 12:34
69	Murphy Terminal	Calibration	Host 1	C	Wall	Lower	Block	Green	INTACT	0.07	0.04	2.92	9.08	10/16/2012 13:09
70	Murphy Terminal	2	Host 1	C	Wall	Upper	Block	Pink	INTACT	0.13	0.04	2.99	13.02	10/16/2012 13:11
71	Murphy Terminal	2	Host 1	A	Wall	--	Ceramic	Tan/Beige	INTACT	0.01	0.02	2.35	3.64	10/16/2012 13:12
72	Murphy Terminal	2	Host 1	A	Wall	--	Sheetrock	White	INTACT	0	0.02	1	1.96	10/16/2012 13:12
73	Murphy Terminal	2	Telecommunications room	C	Stair	--	Metal	Tan/Beige	INTACT	2.2	0.8	3.49	2.24	10/16/2012 13:40
74	Murphy Terminal	2	Host kitchen hall	A	Wall	--	Plaster	Brown	INTACT	1.2	0.3	10	20.84	10/16/2012 15:01
75	Murphy Terminal	2	Host kitchen hall	A	Wall	--	Plaster	Brown	INTACT	1.2	0.2	10	30	10/16/2012 15:03
76	Murphy Terminal	2	Host kitchen hall	C	Door	Jamb	Metal	Tan/Beige	INTACT	0	0.02	1	1.53	10/16/2012 15:04
77	Murphy Terminal	2	Host kitchen hall	A	Wall	--	Plaster	Brown	INTACT	0.8	0.2	9.38	21.26	10/16/2012 15:06
78	Murphy Terminal	Calibration	--	--	--	--	--	Brown	INTACT	0.3	0.04	1.11	10.06	10/16/2012 15:08

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TRC

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Murphy Terminal
Project # :	183572.4445.0710
Date(s):	10/15-17/2012
Inspector:	Robert Misbach (State of Connecticut License No. 002188)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
79	Murphy Terminal	Calibration	--	--	--	--	--	Brown	INTACT	1.5	0.1	1.11	5.04	10/16/2012 15:09
80	Murphy Terminal	Calibration	--	--	--	--	--	Brown	INTACT	0	0.02	1.02	2.94	10/16/2012 15:09
81	Murphy Terminal									1.41	0		201.73	10/17/2012 12:33
82	Murphy Terminal	Calibration								0.7	0.1	1.17	5.31	10/17/2012 12:38
83	Murphy Terminal	Calibration								3.4	0.3	1.27	5.59	10/17/2012 12:38
84	Murphy Terminal	Calibration								0	0.02	1.12	2.52	10/17/2012 12:39
85	Murphy Terminal	Ground	11	A	Door	Jamb	Metal	Blue	INTACT	0.04	0.02	1.4	5.43	10/17/2012 13:07
86	Murphy Terminal	Ground	11	C	Wall	--	Plaster	Yellow	INTACT	0.12	0.03	1.08	6.28	10/17/2012 13:08
87	Murphy Terminal	Ground	11	A	Pipe	--	Metal	Yellow	INTACT	0.13	0.04	1.7	10.07	10/17/2012 13:10
88	Murphy Terminal	Ground	11	A	Wall	--	Block	Yellow	INTACT	0.2	0.04	1.33	9.48	10/17/2012 13:11
89	Murphy Terminal	Ground	BAD 2	B	Wall	--	Plaster	Yellow	INTACT	0	0.02	1.93	4.6	10/17/2012 13:13
90	Murphy Terminal	2	217	C	Door	Jamb	Metal	White	INTACT	0	0.02	1	1.54	10/17/2012 13:18
91	Murphy Terminal	2	218	C	Wall	--	Sheetrock	White	INTACT	0	0.02	1	1.82	10/17/2012 13:19
92	Murphy Terminal	2	218	D	Shelf	--	Wood	Blue	INTACT	0	0.02	1	1.54	10/17/2012 13:21
93	Murphy Terminal	2	Closet	--	Ceiling	Beam	Metal	Black	INTACT	0.01	0.02	1.21	1.53	10/17/2012 13:30
94	Murphy Terminal	2	Closet	--	Floor	--	Concrete	Red	INTACT	0.01	0.02	2.79	6.15	10/17/2012 13:31
95	Murphy Terminal	Calibration	--	--	--	--	--	White	INTACT	0.6	0.1	1.03	5.19	10/17/2012 14:03
96	Murphy Terminal	Calibration	--	--	--	--	--	White	INTACT	3.9	0.3	1.4	4.2	10/17/2012 14:04
97	Murphy Terminal	Calibration	--	--	--	--	--	White	INTACT	0	0.02	1	1.68	10/17/2012 14:04

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TRC

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Murphy Terminal, IAB, Concourse B, Exterior
Project # :	183572.4445.0710
Date(s):	10/31/12 & 11/1/12
Inspector:	Robert Misbach (State of Connecticut License No. 002188)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
1										1.4	0.0		207.65	10/31/2012 8:14
2	IAB	Calibration								0.6	0.1	1.08	4.5	10/31/2012 8:16
3	IAB	Calibration								1.6	0.1	1.17	6.45	10/31/2012 8:16
4	IAB	Calibration								0.0	0.0	1	1.64	10/31/2012 8:17
5	IAB	Ground	168	A	Wall		Block	Green	INTACT	0.0	0.0	3.02	8.46	10/31/2012 8:33
6	IAB	Ground	168	--	Ceiling		Sheetrock	Green	INTACT	0.0	0.0	2.15	4.11	10/31/2012 8:35
7	IAB	Ground	166	D	Wall		Sheetrock	White	INTACT	0.0	0.0	4.44	16.69	10/31/2012 8:39
8	IAB	Ground	166	--	Ceiling		Concrete	Grey	INTACT	0.0	0.0	1	3.83	10/31/2012 8:44
9	IAB	Ground	166	B	Door		Wood	Brown	INTACT	0.0	0.0	1	2.19	10/31/2012 8:45
10	IAB	Ground	166	B	Door	Jamb	Metal	Brown	INTACT	0.0	0.0	1.78	5.35	10/31/2012 8:46
11	IAB	Ground	171	C	Wall	--	Brick	White	INTACT	0.0	0.0	4.54	13.25	10/31/2012 8:57
12	IAB	Ground	171	C	Door	Jamb	Metal	Pink	INTACT	0.0	0.0	1	1.37	10/31/2012 8:58
13	IAB	Ground	172	C	Wall	--	Sheetrock	White	INTACT	0.0	0.0	1	1.37	10/31/2012 9:06
14	IAB	Ground	172	C	Wall	--	Brick	Brown	INTACT	0.0	0.0	1.9	3.42	10/31/2012 9:06
15	IAB	Ground	169A	C	Window	Casing	Wood	Pink	INTACT	0.0	0.0	1	1.37	10/31/2012 9:09
16	Concourse A	Exterior	--	A	Boarding ramp	column	Metal	White	INTACT	0.1	0.0	1	8.31	10/31/2012 10:23
17	Concourse A	Exterior	--	A	Boarding ramp	Stair	Metal	White	INTACT	0.0	0.0	1	1.76	10/31/2012 10:26
18	Concourse A	Exterior	--	A	Boarding ramp	Stair	Metal	White	INTACT	0.0	0.0	1.72	3.69	10/31/2012 10:27
19	Concourse A	Exterior	--	A	Boarding ramp	I-beam	Metal	White	INTACT	0.0	0.0	1.22	5.2	10/31/2012 10:28
20	Concourse A	Exterior	--	A	Boarding ramp	Barrier	Metal	Grey	INTACT	0.1	0.0	1.95	7.8	10/31/2012 10:32
21	Concourse A	Exterior	--	D	Boarding ramp	I-beam	Metal	White	INTACT	0.0	0.0	2.51	5.46	10/31/2012 10:43
22	Concourse A	Exterior	--	D	Boarding ramp	wall	Metal	White	INTACT	0.0	0.0	1	1.52	10/31/2012 10:44
23	Concourse A	Exterior	--	D	Boarding ramp	barrier	Metal	Yellow	INTACT	0.0	0.0	1	1.5	10/31/2012 10:47
24	Concourse A	Exterior	B4 boarding ramp	D	Boarding ramp	I-beam	Metal	White	INTACT	0.0	0.0	1	1.51	10/31/2012 10:51
25	Concourse A	Exterior	B5 boarding ramp	D	Boarding ramp	light tower	Metal	Brown	INTACT	0.1	0.0	1.71	9.04	10/31/2012 10:56
26	Concourse A	Exterior	B5 boarding ramp	D	-beam	--	Metal	White	INTACT	0.0	0.0	2.24	3.14	10/31/2012 10:59
27	Concourse A	Exterior	B5 boarding ramp	D	Boarding ramp	column	Metal	White	INTACT	0.0	0.0	1	1.5	10/31/2012 11:03
28	Concourse A	Exterior	B5 boarding ramp	D	Boarding ramp	column	Metal	White	INTACT	0.0	0.0	2.71	1.37	10/31/2012 11:03
29	Concourse A	Exterior	B6 boarding ramp	D	Boarding ramp	column	Metal	White	INTACT	0.0	0.0	1	3.14	10/31/2012 11:09
30	Concourse A	Exterior	B7 boarding ramp	D	Boarding ramp	Truck	Metal	Black	INTACT	0.0	0.0	1.99	2.33	10/31/2012 11:15
31	Concourse A	Exterior	B7 boarding ramp	D	Boarding ramp	beam	Metal	White	INTACT	0.0	0.0	1	1.36	10/31/2012 11:16
32	Concourse A	Exterior	B8 boarding ramp	D	Boarding ramp	beam	Metal	Grey	INTACT	0.0	0.0	1.97	3.01	10/31/2012 11:21
33	Concourse A	Exterior	B8 boarding ramp	D	Boarding ramp	beam	Metal	White	INTACT	0.0	0.0	1	1.37	10/31/2012 11:22
34	Concourse A	Exterior	B9 boarding ramp	C	Boarding ramp	column	Metal	Grey	INTACT	0.0	0.0	1	1.51	10/31/2012 11:27
35	Concourse A	Exterior	B9 boarding ramp	C	Boarding ramp	Door	Metal	Blue	INTACT	0.0	0.0	1	1.37	10/31/2012 11:29
36	Concourse A	Exterior	B10 boarding ramp	C	Boarding ramp	beam	Metal	White	INTACT	0.0	0.0	1	1.36	10/31/2012 11:32
37	Concourse A	Exterior	B10 boarding ramp	C	Boarding ramp	beam	Metal	Grey	INTACT	0.0	0.0	1	1.65	10/31/2012 11:33
38	Concourse A	Exterior	B10 boarding ramp	C	Boarding ramp	stair	Metal	Grey	INTACT	0.0	0.0	1	1.51	10/31/2012 11:33
39	Concourse A	Exterior	B1 boarding ramp	C	Boarding ramp	beam	Metal	White	INTACT	0.0	0.0	1	1.49	10/31/2012 11:40
40	Concourse A	Exterior	B1 boarding ramp	C	Boarding ramp	light pole	Metal	Pink	INTACT	0.1	0.0	1.7	5.73	10/31/2012 11:43
41	Concourse A	Exterior	outsdide 111B	C	beam	--	Metal	Red	DEFECTIVE	0.0	0.0	1	3.15	10/31/2012 11:51
42	Concourse A	Exterior	outsdide 111B	C	barrier	--	Metal	Yellow	DEFECTIVE	0.0	0.0	1	1.64	10/31/2012 11:52
43	Concourse A	Exterior	outsdide 111B	C	carousel	--	Metal	Black	INTACT	0.0	0.0	1	1.37	10/31/2012 11:54
44	Concourse A	Calibration	--	--	--	--	Metal	Black	INTACT	0.7	0.1	1.12	5.06	10/31/2012 12:59
45	Concourse A	Calibration	--	--	--	--	Metal	Black	INTACT	1.6	0.1	1.21	6.58	10/31/2012 12:59
46	Concourse A	Calibration	--	--	--	--	Metal	Black	INTACT	0.0	0.0	1.63	1.91	10/31/2012 13:00

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TRC

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Murphy Terminal, IAB, Concourse B, Exterior
Project # :	183572.4445.0710
Date(s):	10/31/12 & 11/1/12
Inspector:	Robert Misbach (State of Connecticut License No. 002188)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
47	exterior IAB airside	Ground	B22 boarding ramp	A	Wall	--	Metal	Tan/Beige	INTACT	0.0	0.0	1.61	4.1	10/31/2012 14:00
48	exterior IAB airside	Ground	B22 boarding ramp	A	Column	--	Metal	Tan/Beige	INTACT	0.0	0.0	2.8	7.28	10/31/2012 14:02
49	exterior IAB airside	Ground	B22 boarding ramp	A	Wall	--	Metal	Tan/Beige	INTACT	0.0	0.0	1	2.33	10/31/2012 14:03
50	exterior IAB airside	Ground	B22 boarding ramp	A	beam	--	Metal	Tan/Beige	INTACT	0.0	0.0	1	1.36	10/31/2012 14:03
51	exterior IAB airside	Ground	Baggage claim 4	A	beam	--	Metal	Brown	INTACT	0.0	0.0	1	1.37	10/31/2012 14:06
52	exterior IAB airside	Ground	Baggage claim 4	A	barrier	--	Metal	Yellow	INTACT	0.0	0.0	1	1.37	10/31/2012 14:07
53	exterior IAB airside	Ground	B21 boarding ramp	A	Column	--	Metal	Tan/Beige	INTACT	0.1	0.0	1.41	6.86	10/31/2012 14:09
54	exterior IAB airside	Ground	B21 boarding ramp	A	beam	--	Metal	Tan/Beige	INTACT	0.0	0.0	1.17	6.94	10/31/2012 14:10
55	exterior IAB airside	Ground	B21 boarding ramp	A	Wall	--	Metal	Tan/Beige	INTACT	0.0	0.0	1	1.64	10/31/2012 14:11
56	exterior IAB airside	Ground	Baggage	A	Door	Casing	Metal	Grey	INTACT	0.0	0.0	1	1.51	10/31/2012 14:13
57	exterior IAB airside	Ground	Baggage	A	Door	Door	Metal	Grey	INTACT	0.0	0.0	1	1.78	10/31/2012 14:14
58	exterior IAB airside	Ground	Northwest	A	Door	Door	Metal	Blue	INTACT	0.0	0.0	1	1.37	10/31/2012 14:16
59	exterior Concourse B airside	Ground	SW side	A	Door	Door	Metal	Blue	INTACT	0.0	0.0	1.72	3.42	10/31/2012 14:17
60	exterior Concourse B airside	Ground	SW side	A	Door	Casing	Metal	Grey	INTACT	0.0	0.0	1	1.37	10/31/2012 14:18
61	exterior Concourse B airside	Ground	SW side	A	Wall	--	Block	Yellow	INTACT	0.0	0.0	1.28	4.24	10/31/2012 14:20
62	exterior Concourse B airside	Ground	B20 boarding ramp	A	Column	--	Metal	White	INTACT	0.0	0.0	1	2.21	10/31/2012 14:22
63	exterior Concourse B airside	Ground	B20 boarding ramp	A	Wall	--	Metal	White	INTACT	0.0	0.0	1	2.61	10/31/2012 14:22
64	exterior Concourse B airside	Ground	B20 boarding ramp	A	beam	--	Metal	White	INTACT	0.0	0.0	1	1.51	10/31/2012 14:23
65	exterior Concourse B airside	Ground	B19	C	Stair	Stringer	Metal	Blue	INTACT	0.0	0.0	1	1.51	10/31/2012 14:24
66	exterior Concourse B airside	Ground	B18 boarding ramp	C	Column	--	Metal	White	INTACT	0.1	0.0	1.45	13.23	10/31/2012 14:27
67	exterior Concourse B airside	Ground	B18 boarding ramp	C	Wall	--	Metal	White	INTACT	0.0	0.0	1	1.23	10/31/2012 14:28
68	exterior Concourse B airside	Ground	B17 boarding ramp	C	Column	--	Metal	White	INTACT	0.1	0.0	1.58	6.84	10/31/2012 14:29
69	exterior Concourse B airside	Ground	B17 boarding ramp	C	beam	--	Metal	White	INTACT	0.1	0.0	2.41	12.72	10/31/2012 14:31
70	exterior Concourse B airside	Calibration	--	--	--	--	Metal	White	INTACT	0.7	0.1	1.1	4.37	10/31/2012 14:40
71	exterior Concourse B airside	Calibration	--	--	--	--	Metal	White	INTACT	1.5	0.1	1.15	5.63	10/31/2012 14:40
72	exterior Concourse B airside	Calibration	--	--	--	--	Metal	White	INTACT	0.0	0.0	1	2.6	10/31/2012 14:41
73										1.4	0.0		213.59	11/1/2012 8:18
74	Concourse B	Calibration								0.3	0.0	1.11	11.05	11/1/2012 8:21
75	Concourse B	Calibration								1.5	0.1	1.14	5.48	11/1/2012 8:22
76	Concourse B	Calibration								0.0	0.0	1	3.15	11/1/2012 8:22
77	Concourse B	Ground	147	D	Wall		Sheetrock	Blue	INTACT	0.0	0.0	1	1.91	11/1/2012 8:39
78	Concourse B	Ground	147	D	Bsbd heating		Metal	Blue	INTACT	0.0	0.0	1.03	1.65	11/1/2012 8:40
79	Concourse B	Ground	136	A	Wall	Lower	Block	Brown	INTACT	0.1	0.0	1.6	6.02	11/1/2012 8:45
80	Concourse B	Ground	136	A	Wall	Upper	Block	White	INTACT	0.1	0.0	1.79	5.6	11/1/2012 8:46
81	Concourse B	Ground	135	B	Window	Casing	Sheetrock	White	INTACT	0.0	0.0	3.52	3.83	11/1/2012 8:50
82	Concourse B	Ground	135A	A	Door	Casing	Metal	Blue	INTACT	0.0	0.0	1.43	4.67	11/1/2012 8:53
83	Concourse B	Ground	129	B	Door	Casing	Metal	White	INTACT	0.0	0.0	1.86	1.51	11/1/2012 9:06
84	Concourse B	Ground	129	B	Wall	--	Block	White	INTACT	0.0	0.0	1.68	3.69	11/1/2012 9:07
85	Concourse B	Ground	129	--	Floor	--	Concrete	Grey	INTACT	0.0	0.0	1	3.7	11/1/2012 9:08
86	Concourse B	Ground	147A	D	Wall	--	Sheetrock	Blue	INTACT	0.0	0.0	1	1.92	11/1/2012 9:12
87	Concourse B	Ground	TWA	D	Door	Casing	Metal	White	INTACT	0.0	0.0	1	2.33	11/1/2012 9:19
88	Concourse B	Ground	130B	D	Door	Door	Metal	White	INTACT	0.0	0.0	1	1.37	11/1/2012 9:24
89	Concourse B	Ground	130B	D	Door	Casing	Metal	White	INTACT	0.0	0.0	1	3.41	11/1/2012 9:25
90	Concourse B	Ground	130B	D	Wall	--	Block	White	INTACT	0.0	0.0	1	4.08	11/1/2012 9:26
91	Concourse B	Ground	TWA Hold Room	C	Column	--	Metal	Tan/Beige	INTACT	14.0	4.4	5.67	1.64	11/1/2012 9:40
92	Concourse B	Ground	TWA Hold Room	C	Wall	--	Block	Tan/Beige	INTACT	0.1	0.0	2.59	7.25	11/1/2012 9:41

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TRC

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Murphy Terminal, IAB, Concourse B, Exterior
Project # :	183572.4445.0710
Date(s):	10/31/12 & 11/1/12
Inspector:	Robert Misbach (State of Connecticut License No. 002188)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
93	Concourse B	Ground	TWA Hold Room	C	Column	--	Block	Brown	INTACT	0.0	0.0	2.14	3.56	11/1/2012 9:44
94	Concourse B	Ground	Public corridor	--	beam	--	Metal	Orange	INTACT	14.2	9.1	1.53	0.83	11/1/2012 10:06
95	Concourse B	Exterior	East side	C	Tarmac	--	Concrete	Yellow	INTACT	0.0	0.0	2.18	3.42	11/1/2012 10:32
96	Concourse B	Exterior	East side	C	Tarmac	--	Concrete	Yellow	INTACT	0.0	0.0	2.11	3.7	11/1/2012 10:35
97	Concourse B	Exterior	East side	C	Tarmac	--	Concrete	Black	INTACT	0.0	0.0	1	3.57	11/1/2012 10:36
98	Concourse B	Exterior	East side	C	Tarmac	--	Concrete	Red	INTACT	0.0	0.0	1	2.19	11/1/2012 10:36
99	IAB	Ground	gate b23 baggage	C	Column	--	Metal	Red	INTACT	0.0	0.0	1	2.87	11/1/2012 11:02
100	IAB	Ground	gate b23 baggage	C	Column	--	Metal	Green	INTACT	0.1	0.0	1.01	4.64	11/1/2012 11:03
101	IAB	Ground	gate b23 baggage	D	Wall	--	Block	White	INTACT	0.0	0.0	1	3.16	11/1/2012 11:04
102	IAB	Ground	gate b23 baggage	D	Column	--	Metal	Grey	INTACT	0.0	0.0	1.19	4.38	11/1/2012 11:05
103	IAB	Ground	gate b23 baggage	--	Column	barrier	Metal	Yellow	INTACT	6.0	2.8	3.05	2.05	11/1/2012 11:06
104	IAB	Ground	gate b23 baggage	B	Door	Casing	Metal	Grey	INTACT	0.0	0.0	1.16	2.33	11/1/2012 11:11
105	Murphy Terminal	Exterior	Basement area - o/s host kitchen	A	Door	Casing	Wood	Pink	DEFECTIVE	0.0	0.0	1	1.36	11/1/2012 11:36
106	Murphy Terminal	Exterior	Basement area - o/s host kitchen	A	Column	base	Metal	Yellow	DEFECTIVE	4.9	2.0	1.34	0.68	11/1/2012 11:37
107	Murphy Terminal	Exterior	Basement area - o/s host kitchen	C	Wall	--	Concrete	Grey	DEFECTIVE	0.0	0.0	1	3.84	11/1/2012 11:39
108	Murphy Terminal	Exterior	Basement area - o/s host kitchen	A	Door	Jamb	Metal	Blue	DEFECTIVE	0.1	0.0	2.58	7.13	11/1/2012 11:40
109	Murphy Terminal	Exterior	Ground floor - public side	A	Column	--	Concrete	White	INTACT	0.0	0.0	2.44	4.65	11/1/2012 11:47
110	Murphy Terminal	Exterior	Ground floor - public side	A	Wall	--	Concrete	White	INTACT	0.0	0.0	1	2.74	11/1/2012 11:48
111	Murphy Terminal	Exterior	Ground floor - public side	--	curb	--	Concrete	Yellow	INTACT	0.0	0.0	1.33	3.69	11/1/2012 11:50
112	Murphy Terminal	Exterior	Ground floor - public side stairway enclosure	D	Column	--	Metal	White	DEFECTIVE	0.0	0.0	1	1.37	11/1/2012 11:51
113	Murphy Terminal	Exterior	Escalator enclosure	D	Column	--	Metal	Grey	DEFECTIVE	0.0	0.0	1	1.37	11/1/2012 11:52
114	Murphy Terminal	Exterior	Escalator enclosure	D	Stair	Stringer	Metal	Grey	DEFECTIVE	0.0	0.0	2.31	2.32	11/1/2012 11:52
115	Murphy Terminal	Exterior	Escalator enclosure	D	Stair	Riser	Metal	Red	DEFECTIVE	0.0	0.0	1	2.18	11/1/2012 11:53
116	Murphy Terminal	Exterior	Escalator enclosure	D	Stair	Railing	Metal	Blue	DEFECTIVE	0.5	0.1	1.92	6.98	11/1/2012 11:56
117	Murphy Terminal	Exterior		A	Wall	--	Concrete	White	DEFECTIVE	0.0	0.0	1	2.05	11/1/2012 11:56
118	Murphy Terminal	Calibration		--	--	--	Concrete	White	DEFECTIVE	0.3	0.0	1.03	8.87	11/1/2012 12:47
119	Murphy Terminal	Calibration		--	--	--	Concrete	White	DEFECTIVE	1.6	0.1	1.15	5.49	11/1/2012 12:48
120	Murphy Terminal	Calibration		--	--	--	Concrete	White	DEFECTIVE	0.0	0.0	1	2.19	11/1/2012 12:48
121	Murphy Terminal	1	walkway	A	Railing	--	Metal	Blue	DEFECTIVE	0.0	0.0	1	2.47	11/1/2012 13:11
122	Murphy Terminal	1	walkway	A	Railing	--	Metal	Grey	DEFECTIVE	0.0	0.0	1.8	2.61	11/1/2012 13:12
123	Murphy Terminal	1	stair-escalator	A	Column	--	Metal	White	INTACT	0.0	0.0	1	1.51	11/1/2012 13:13
124	IAB	1	o-s public concourse	A	wheelchair ramp	--	Concrete	Yellow	INTACT	4.3	2.0	1	2.74	11/1/2012 13:25
125	IAB	ground	o-s public concourse	A	Curb	--	Concrete	Yellow	INTACT	0.0	0.0	2.23	5.88	11/1/2012 13:35
126	Murphy Terminal	ground	o-s public concourse	A	Curb	--	Concrete	Yellow	DEFECTIVE	0.0	0.0	1	2.47	11/1/2012 13:37
127	Murphy Terminal	ground	Exterior public side	A	wheelchair ramp	--	Concrete	Yellow	DEFECTIVE	0.0	0.0	1	2.74	11/1/2012 13:38
128	Murphy Terminal	ground	Bus stand public side exterior	A	Column	--	Metal	White	DEFECTIVE	0.0	0.0	1.31	1.5	11/1/2012 13:52
129	Murphy Terminal	Calibration	--	--	--	--	Metal	White	INTACT	0.6	0.1	1.04	4.11	11/1/2012 14:59
130	Murphy Terminal	Calibration	--	--	--	--	Metal	White	INTACT	1.4	0.1	1.12	4.92	11/1/2012 14:59
131	Murphy Terminal	Calibration	--	--	--	--	Metal	White	INTACT	0.0	0.0	1	2.46	11/1/2012 15:00

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

Side A = Street side; Sides B,C,D follow clockwise

TRC

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Throughout
Project # :	183572.4445.0710
Date(s):	11/5/12, 11/12/12, 11/13/12, 11/15/12
Inspector:	Robert Misbach (State of Connecticut License No. 002188) Gregory Kaczynski (State of Connecticut License No. 002158)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
1										1.34	0		205.68	11/5/2012 8:33
2	Murphy Terminal	Calibration								0.6	0.1	1.08	5.3	11/5/2012 8:43
3	Murphy Terminal	Calibration								1.6	0.1	1.17	5.7	11/5/2012 8:43
4	Murphy Terminal	Calibration								0	0.02	1	1.77	11/5/2012 8:43
5	Murphy Terminal	5	Penthouse	A	Wall		Block	Grey	INTACT	1.3	0.3	1.31	25.63	11/5/2012 9:19
6	Murphy Terminal	5	Penthouse	D	Cabinet	Riser	Metal	Green	INTACT	2	0.4	1.46	2.86	11/5/2012 9:21
7	Murphy Terminal	5 exterior	Penthouse	D	Wall	--	Brick	Grey	INTACT	0.01	0.03	2.86	3.96	11/5/2012 9:42
8	Murphy Terminal	5 exterior	Penthouse	D	Wall	--	Brick	Grey	INTACT	0.01	0.02	2.2	6.25	11/5/2012 9:43
9	Murphy Terminal	5 exterior	Penthouse	D	Door	Jamb	Metal	Grey	INTACT	0.06	0.02	1.34	8.16	11/5/2012 9:44
10	Murphy Terminal	3	2nd floor roof	A	I-beam	--	Metal	Grey	DEFECTIVE	0.07	0.04	2.27	5.58	11/5/2012 11:54
11	Murphy Terminal	3	2nd floor roof	A	I-beam	--	Metal	Grey	DEFECTIVE	0.04	0.02	1.67	6.25	11/5/2012 11:55
12	Murphy Terminal	3	2nd floor roof	A	I-beam	--	Metal	Grey	DEFECTIVE	0.03	0.02	1.49	4.63	11/5/2012 11:56
13	Murphy Terminal	3	2nd floor roof	A	Stair	Stringer	Metal	Grey	DEFECTIVE	0.08	0.02	1.42	13.09	11/5/2012 12:43
14	Murphy Terminal	Calibration	--	--	--	--	Metal	Grey	INTACT	0.6	0.1	1.09	4.49	11/5/2012 13:35
15	Murphy Terminal	Calibration	--	--	--	--	Metal	Grey	INTACT	1.4	0.1	1.1	5.04	11/5/2012 13:35
16	Murphy Terminal	Calibration	--	--	--	--	Metal	Grey	INTACT	0	0.02	1	1.77	11/5/2012 13:35
17	Murphy Terminal	3	CC1	A	Wall	--	Plaster	Green	INTACT	0.26	0.05	2.78	15.74	11/5/2012 14:12
18	Murphy Terminal	3	CC1	B	Window	Casing	Plaster	Brown	INTACT	0.14	0.03	2.24	20.95	11/5/2012 14:15
19	Murphy Terminal	3	CC1	C	Wall	--	Plaster	Yellow	INTACT	0.11	0.03	2.5	20.65	11/5/2012 14:17
20	Murphy Terminal	3	CC1	D	Wall	--	Block	White	INTACT	0	0.02	1	3.4	11/5/2012 14:18
21	Murphy Terminal	Exterior ground		west	Ceiling	--	Plaster	White	INTACT	0	0.02	1	2.59	11/5/2012 14:45
22	Murphy Terminal	Exterior ground		west	Ceiling	--	Plaster	White	INTACT	0	0.02	1	1.09	11/5/2012 14:45
23	Murphy Terminal	Exterior ground		west	Ceiling	--	Plaster	White	INTACT	0	0.02	1	3.27	11/5/2012 14:46
24	Murphy Terminal	Calibration		--	--	--	Plaster	White	INTACT	0.6	0.1	1.06	4.62	11/5/2012 16:14
25	Murphy Terminal	Calibration		--	--	--	Plaster	White	INTACT	1.4	0.1	1.09	5.03	11/5/2012 16:14
26	Murphy Terminal	Calibration		--	--	--	Plaster	White	INTACT	0	0.02	1	2.58	11/5/2012 16:14
27										1.32	0		213.56	11/12/2012 8:50
28	IAB	Calibration								0.28	0.04	1.01	8.73	11/12/2012 8:58
29	IAB	Calibration								1.5	0.1	1.16	5.93	11/12/2012 8:58
30	IAB	Calibration								3.2	0.3	1.21	4.32	11/12/2012 8:59
31	IAB	Ground	TSA Lobby	A	Wall		Sheetrock	White	INTACT	0.28	0.05	1.61	11.28	11/12/2012 9:22
32	IAB	Ground	TSA Lobby	A	Wall		Plaster	White	INTACT	0.4	0.1	2.13	10.48	11/12/2012 9:23
33	IAB	Ground	TSA Lobby	--	conveyor		Metal	Green	INTACT	0.21	0.09	1.07	3.09	11/12/2012 9:26
34	IAB	Ground	TSA Lobby	--	conveyor		Metal	Green	INTACT	0.24	0.04	1	6.07	11/12/2012 9:27
35	IAB	Ground	TSA	B	Wall		Plaster	White	INTACT	0.01	0.02	2.74	4.31	11/12/2012 9:49
36	IAB	Ground	TSA	C	Door	Casing	Wood	Blue	INTACT	0	0.02	1	1.49	11/12/2012 9:50
37	IAB	Ground	TSA	C	Door	Casing	Metal	Blue	INTACT	0	0.02	1	2.56	11/12/2012 9:50
38	IAB	Ground	TSA scheduling	A	Wall	--	Plaster	Blue	INTACT	0.04	0.03	2.13	6.6	11/12/2012 10:02
39	IAB	1	174	B	conveyor	--	Metal	Grey	INTACT	0	0.02	1	1.62	11/12/2012 11:23
40	IAB	1	IAB Stairway	C	Stair	Stringer	Metal	Blue	INTACT	0	0.02	1	1.48	11/12/2012 11:37
41	IAB	1	IAB Stairway	C	Stair	Tread	Metal	Blue	INTACT	0	0.02	1	1.21	11/12/2012 11:37
42	IAB	1	IAB Stairway	C	Stair	Riser	Metal	Grey	INTACT	0	0.02	1	1.62	11/12/2012 11:38
43	IAB	1	IAB Stairway	C	Stair	Railing	Metal	Blue	INTACT	0	0.02	1	1.35	11/12/2012 11:39
44	IAB	ground	gold	D	Wall	--	Sheetrock	Gold	INTACT	0	0.02	1	1.35	11/12/2012 11:48
45	IAB	ground	gold	A	Door	Jamb	Metal	Black	INTACT	0	0.02	1.45	1.35	11/12/2012 11:49

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Side A = Street side; Sides B,C,D follow clockwise

TRC

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Throughout
Project # :	183572.4445.0710
Date(s):	11/5/12, 11/12/12, 11/13/12, 11/15/12
Inspector:	Robert Misbach (State of Connecticut License No. 002188) Gregory Kaczynski (State of Connecticut License No. 002158)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
46	IAB	Calibration	gold	--	--	--	Metal	Black	INTACT	0.29	0.04	1.03	8.85	11/12/2012 14:09
47	IAB	Calibration	gold	--	--	--	Metal	Black	INTACT	1.5	0.1	1.12	5.82	11/12/2012 14:09
48	IAB	Calibration	gold	--	--	--	Metal	Black	INTACT	3.7	0.4	1.35	3.63	11/12/2012 14:10
49	Concourse A	Ground	117	D	Wall	--	Block	White	INTACT	0.05	0.03	4.97	21.42	11/12/2012 14:20
50	Concourse A	Ground	119	B	Wall	--	Block	White	INTACT	0.11	0.04	5.04	20.6	11/12/2012 14:23
51	Concourse A	Ground	119	C	Wall	--	Block	White	INTACT	0.06	0.02	3.19	20.22	11/12/2012 14:31
52	Murphy Terminal	3	78A	--	Ceiling	--	Concrete	White	INTACT	0.06	0.22	1.67	0.4	11/12/2012 14:43
53	Murphy Terminal	3	78A	--	Ceiling	--	Concrete	White	INTACT	0.05	0.06	1.89	2.82	11/12/2012 14:43
54	Murphy Terminal	3	78A	--	Ceiling	--	Concrete	White	INTACT	0.05	0.02	1.57	11.58	11/12/2012 14:44
55	Murphy Terminal	3	78A	--	Ceiling	--	Concrete	White	INTACT	0.04	0.02	1.35	18.04	11/12/2012 14:48
56	Murphy Terminal	3	Host 1	C	Wall	Lower	Block	Green	INTACT	0.13	0.04	3.83	21.16	11/12/2012 14:57
57	Concourse B	ground	136	A	Wall	Lower	Block	Brown	INTACT	0.06	0.02	2.12	21.17	11/12/2012 15:11
58	Concourse B	ground	136	A	Wall	Upper	Block	Tan/Beige	INTACT	0.05	0.02	1.66	20.74	11/12/2012 15:15
59	Concourse B	ground	TWA Hold Room	C	Wall	--	Block	Tan/Beige	INTACT	0.05	0.02	2.09	20.37	11/12/2012 15:21
60	Concourse B	ground	B20 boarding ramp	D	Wall	--	Block	Grey	INTACT	0.01	0.02	2.09	3.76	11/12/2012 15:27
61	Concourse B	Calibration	--	--	Wall	--	Block	Grey	INTACT	0.27	0.04	1	7.78	11/12/2012 16:06
62	Concourse B	Calibration	--	--	Wall	--	Block	Grey	INTACT	1.4	0.1	1.08	5.11	11/12/2012 16:07
63	Concourse B	Calibration	--	--	Wall	--	Block	Grey	INTACT	3.4	0.3	1.27	4.18	11/12/2012 16:07
64										1.45	0		211.62	11/13/2012 9:11
65	IAB	Calibration								0.3	0.05	1.02	6.85	11/13/2012 9:13
66	IAB	Calibration								1.6	0.1	1.2	5.92	11/13/2012 9:13
67	IAB	Calibration								3.6	0.3	1.31	4.04	11/13/2012 9:14
68	IAB	Ground	IAB Mech	A	Wall	Lower	Block	Grey	INTACT	0	0.02	1	5	11/13/2012 9:38
69	IAB	Ground	IAB Mech	A	Wall	Upper	Block	Green	INTACT	0	0.02	1	3.37	11/13/2012 9:39
70	IAB	Ground	IAB Mech	--	Floor	--	Concrete	Grey	INTACT	0.03	0.02	1.93	15.86	11/13/2012 9:43
71	IAB	Ground	IAB Mech	B	Wall	Lower	Block	Grey	INTACT	0	0.02	1.19	5.1	11/13/2012 9:45
72	IAB	Ground	IAB Mech	C	Column	--	Metal	Grey	INTACT	0.07	0.02	1.53	20.31	11/13/2012 9:47
73	IAB	Ground	IAB Mech	D	Wall	--	Brick	Grey	INTACT	0.01	0.02	1.39	6.19	11/13/2012 9:49
74	IAB	Ground	IAB Mech	--	Ceiling	--	Concrete	Green	INTACT	0	0.02	2.21	9.78	11/13/2012 9:50
75	IAB	Ground	IAB Mech	C	Wall	Upper	Block	White	INTACT	0.01	0.02	3.99	8.31	11/13/2012 9:52
76	IAB	Ground	IAB Mech	C	Door	--	Metal	Grey	INTACT	0.02	0.02	1	11.06	11/13/2012 9:54
77	IAB	Ground	IAB Mech	A	Column	--	Metal	Grey	INTACT	0.03	0.02	1.19	11.28	11/13/2012 9:57
78	IAB	Ground	TSA Mech	--	Ceiling	--	Plaster	Green	INTACT	0	0.02	1.06	4.18	11/13/2012 11:31
79	IAB	Ground	TSA Mech	A	Wall	--	Block	Green	INTACT	0	0.02	1.06	3.91	11/13/2012 11:32
80	IAB	Calibration	--	--	--	--	Block	Green	INTACT	0.27	0.04	1	6.7	11/13/2012 13:45
81	IAB	Calibration	--	--	--	--	Block	Green	INTACT	1.5	0.1	1.13	4.85	11/13/2012 13:45
82	IAB	Calibration	--	--	--	--	Block	Green	INTACT	3.8	0.3	1.37	4.18	11/13/2012 13:45
83										1.4	0		207.61	11/15/2012 8:59
84	bia	Calibration								3.8	0.3	1.33	6.04	11/15/2012 9:05
85	bia	Calibration								1.5	0.1	1.13	5.77	11/15/2012 9:06
86	bia	Calibration								0.3	0.05	1.06	6.69	11/15/2012 9:06
87	Murphy Terminal - exterior	1	north roof of SP	--	i beam		Metal	Grey	DEFECTIVE	0.01	0.02	1	4.16	11/15/2012 11:22
88	Murphy Terminal - exterior	1	north roof of SP	--	i beam		Metal	Grey	DEFECTIVE	0	0.02	1	2.27	11/15/2012 11:23
89	Murphy Terminal - exterior	1	NW roof of SP	--	i beam		Metal	Grey	DEFECTIVE	0.18	0.99	3.82	0.14	11/15/2012 11:25
90	Murphy Terminal - exterior	1	NW roof of SP	--	i beam		Metal	Grey	DEFECTIVE	0.05	0.04	2.58	5.09	11/15/2012 11:25

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

Side A = Street side; Sides B,C,D follow clockwise

TRC

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Throughout
Project # :	183572.4445.0710
Date(s):	11/5/12, 11/12/12, 11/13/12, 11/15/12
Inspector:	Robert Misbach (State of Connecticut License No. 002188) Gregory Kaczynski (State of Connecticut License No. 002158)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
91	Murphy Terminal - exterior	1	NW roof of SP	--	i beam column		Metal	Grey	DEFECTIVE	0	0.02	1	3.49	11/15/2012 11:26
92	Murphy Terminal - exterior	1	NW roof of SP	--	hvac		Metal	Tan/Beige	DEFECTIVE	0	0.02	1	5.09	11/15/2012 11:30
93	IAB - exterior	1	IAB entry roof upper	--	entry overhang	crossbeam	Metal	White	DEFECTIVE	0	0.02	1.21	3.1	11/15/2012 12:07
94	IAB - exterior	1	IAB entry roof upper	--	entry overhang	crossbeam	Metal	White	DEFECTIVE	0	0.02	1	4.42	11/15/2012 12:07
95	IAB - exterior	1	IAB entry roof upper	--	entry overhang	I-beam	Metal	White	DEFECTIVE	0.02	0.03	2.22	4.16	11/15/2012 12:09
96	IAB - exterior	1	IAB entry roof upper	--	entry overhang	I-beam	Metal	White	DEFECTIVE	0.03	0.03	2.45	4.7	11/15/2012 12:10
97	IAB - exterior	1	IAB entry roof upper	--	entry overhang	roof panels	Metal	Blue	DEFECTIVE	0	0.02	1.48	4.28	11/15/2012 12:13
98	IAB - exterior	1	IAB entry roof upper	--	entry overhang	roof panels	Metal	Blue	DEFECTIVE	0.01	0.02	1.63	4.16	11/15/2012 12:13
99	IAB - exterior	1	IAB entry roof upper	--	entry overhang	roof drain pipe	Metal	White	DEFECTIVE	0	0.02	1.04	5.48	11/15/2012 12:14
100	IAB - exterior	1	IAB entry roof upper	--	corrugated roofing		Metal	Brown	INTACT	0	0.02	1	3.68	11/15/2012 12:17
101	IAB - exterior	1	IAB roof 1	--	hvac		Metal	Grey	DEFECTIVE	0.01	0.03	2.74	3.21	11/15/2012 12:34
102	IAB - exterior	1	IAB roof 1	--	hvac pipe		Metal	Grey	DEFECTIVE	0.07	0.03	1.46	7.11	11/15/2012 12:35
103		Calibration		--	--		--		Damaged Surface	0.3	0.06	1.15	4.95	11/15/2012 13:46
104		Calibration		--	--		--		Damaged Surface	1.6	0.2	1.18	3.75	11/15/2012 13:46
105		Calibration		--	--		--		Damaged Surface	3.6	0.6	1.33	3.08	11/15/2012 13:47

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TRC

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Throughout
Project # :	183572.4445.0710
Date(s):	11/27-29/12
Inspector:	Tom Martin (State of Connecticut License No. 002079) Gregory Kaczynski (State of Connecticut License No. 002158)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
1										1.5	0		219.57	11/27/2012 13:31
2	IAB	Calibration								0	0.02	1	1.46	11/27/2012 14:54
3	IAB	Calibration								0.28	0.12	1	2.24	11/27/2012 14:54
4	IAB	Calibration								1.5	0.2	1.16	3.68	11/27/2012 14:55
5	IAB	ground	8F	A	Wall		Sheetrock	White	INTACT	0	0.02	1.46	1.84	11/27/2012 15:06
6	IAB	ground	8F	B	Wall		Sheetrock	White	INTACT	0	0.02	1	1.33	11/27/2012 15:06
7	IAB	ground	8F	B	Door		Metal	Black	INTACT	0	0.02	1	1.32	11/27/2012 15:07
8	IAB	ground	8F	B	Door	Jamb	Metal	Black	INTACT	0	0.02	1	1.84	11/27/2012 15:08
9	IAB	ground	Arinc hall	--	Ceiling	--	Concrete	Tan/Beige	INTACT	0.01	0.05	1	0.52	11/27/2012 15:30
10	IAB	ground	Arinc hall	--	Ceiling	--	Concrete	Tan/Beige	INTACT	0.01	0.02	1.73	6.32	11/27/2012 15:31
11	IAB	ground	Arinc area	A	Wall	--	Concrete	White	INTACT	0	0.02	1.24	2.63	11/27/2012 15:45
12	IAB	ground	Arinc area	B	Wall	--	Concrete	White	INTACT	0.01	0.02	3.58	4.73	11/27/2012 15:47
13	IAB	ground	Arinc area	D	Wall	--	Concrete	White	INTACT	0.01	0.02	1.94	3.3	11/27/2012 15:47
14	IAB	ground	Arinc area	A	Door	--	Metal	White	INTACT	0	0.02	1	1.45	11/27/2012 15:48
15	IAB	ground	Arinc area	--	Floor	--	Concrete	Grey	DEFECTIVE	0	0.02	1	2.91	11/27/2012 15:49
16	IAB	Calibration	--	--	--	--	--			0	0.02	1	1.85	11/27/2012 16:19
17	IAB	Calibration	--	--	--	--	--			0.3	0.08	1.2	3.82	11/27/2012 16:20
18	IAB	Calibration	--	--	--	--	--			1.5	0.1	1.15	5.01	11/27/2012 16:20
19										1.38	0		219.51	11/28/2012 8:55
20	IAB	Calibration								1.4	0.1	1.11	6.44	11/28/2012 8:58
21	IAB	Calibration								0.3	0.05	1.09	5.66	11/28/2012 8:58
22	IAB	Calibration								0.6	0.1	1.05	7.9	11/28/2012 8:59
23	IAB	ground	Bay 1	A	Wall		Concrete	White	INTACT	0	0.02	1	3.57	11/28/2012 9:23
24	IAB	ground	Bay 1	B	Wall		Sheetrock	White	INTACT	0	0.02	1	2.1	11/28/2012 9:24
25	IAB	ground	Bay 1	D	Wall		Concrete	White	INTACT	0	0.02	1	2.9	11/28/2012 9:24
26	IAB	ground	Bay 1	D	Wall		Concrete	White	INTACT	0	0.02	1.02	2.76	11/28/2012 9:25
27	IAB	ground	Bay 1	D	Wall		Concrete	White	INTACT	0.01	0.03	4.8	6.95	11/28/2012 9:25
28	IAB	ground	Bay 1	A	luggage conveyer unit		Metal	Grey	INTACT	0	0.02	1	2.24	11/28/2012 9:27
29	IAB	ground	Bay 1	A	Door		Metal	Black	INTACT	0	0.02	1	1.71	11/28/2012 9:28
30	IAB	ground	Bay 1B	--	Floor		Concrete	Grey	DEFECTIVE	0.01	0.02	2.6	3.42	11/28/2012 9:35
31	Murphy Terminal	ground	Escalator enclosure	--	Floor		Concrete	Grey	DEFECTIVE	0	0.02	1.57	3.69	11/28/2012 10:03
32	Murphy Terminal	ground	Escalator enclosure	A	Wall		Concrete	White	INTACT	0	0.02	1	3.29	11/28/2012 10:04
33	Murphy Terminal	ground	Escalator enclosure	D	Wall		Concrete	White	INTACT	0	0.02	1	3.03	11/28/2012 10:04
34	Murphy Terminal	ground	Escalator enclosure	D	Door	frame	Metal	White	INTACT	0.01	0.03	1.32	1.72	11/28/2012 10:05
35	Murphy Terminal	Calibration	--	--	--	--	--			0	0.02	1	2.76	11/28/2012 16:09
36	Murphy Terminal	Calibration	--	--	--	--	--			0.3	0.12	1.14	3.02	11/28/2012 16:09
37	Murphy Terminal	Calibration	--	--	--	--	--			1.5	0.1	1.12	5.53	11/28/2012 16:10

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

Side A = Street side; Sides B,C,D follow clockwise

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Throughout
Project # :	183572.4445.0710
Date(s):	11/27-29/12
Inspector:	Tom Martin (State of Connecticut License No. 002079) Gregory Kaczynski (State of Connecticut License No. 002158)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
38										1.4	0		211.58	11/29/2012 8:47
39	Concourse B	Calibration								1.5	0.1	1.16	5.12	11/29/2012 9:06
40	Concourse B	Calibration								0.3	0.12	1.1	2.63	11/29/2012 9:06
41	Concourse B	Calibration								0.6	0.1	1.09	4.6	11/29/2012 9:07
42	Concourse B	ground	123f	B	Wall		Concrete	White	INTACT	0.03	0.03	2.85	5.51	11/29/2012 9:22
43	Concourse B	ground	123f	D	Wall		Concrete	White	INTACT	0.05	0.02	5.25	30	11/29/2012 9:25
44	Concourse B	ground	123f	D	Wall		Concrete	White	INTACT	0.04	0.03	4.98	10.37	11/29/2012 9:26
45	Concourse B	ground	123f	C	Wall		Concrete	White	INTACT	0.04	0.04	3.97	6.31	11/29/2012 9:28
46	IAB	2	A 3A	D	Wall		Plaster	White	INTACT	0.02	0.02	1.34	3.42	11/29/2012 11:07
47		Calibration	--	--	--		--			0	0.02	1	1.97	11/29/2012 16:08
48		Calibration	--	--	--		--			0.28	0.06	1	3.4	11/29/2012 16:08
49		Calibration	--	--	--		--			1.5	0.1	1.14	4.98	11/29/2012 16:09

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TRC ead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Throughout
Project # :	183572.4445.0710
Date(s):	12/5/2012
Inspector:	Gregory Kaczynski (State of Connecticut License No. 002158)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
1										1.44	0		219.65	12/5/2012 8:51
2										0	0.02	1	2.47	12/5/2012 11:09
3										0.3	0.14	1.14	2.2	12/5/2012 11:09
4										1.5	0.2	1.17	3.65	12/5/2012 11:09
5	Murphy Terminal		control tower	A	Wall	reshot of shot19	Concrete	White	INTACT	0.22	0.1	5.65	8.72	12/5/2012 11:37
6	Murphy Terminal		control tower	A	Wall	reshot of shot19	Concrete	White	INTACT	0.23	0.09	7.14	13.79	12/5/2012 11:38
7	Murphy Terminal	4	83	C	Wall		Concrete	Green	INTACT	0.27	0.04	1.43	10.54	12/5/2012 13:06
8				C	--			--		3.3	0.2	1.26	7.96	12/5/2012 14:09
9				C	--			--		1.5	0.2	1.12	4.42	12/5/2012 14:09
10				C	--			--		0.3	0.07	1.13	4.3	12/5/2012 14:10

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

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Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - Throughout
Project # :	183572.4445.0710
Date(s):	12/10/2012
Inspector:	Gregory Kaczynski (State of Connecticut License No. 002158)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
1										1.5	0		221.54	12/10/2012 9:32
2		Calibration								0	0.02	1	1.93	12/10/2012 10:31
3		Calibration								0.3	0.07	1.11	4.14	12/10/2012 10:32
4		Calibration								1	0.1	1.12	7.77	12/10/2012 10:33
5		Calibration								1.1	0.1	1.14	6.09	12/10/2012 10:33
6		Calibration								1.1	0.1	1.15	8.16	12/10/2012 10:34
7		Calibration								1	0.1	1.11	21.35	12/10/2012 10:37
8	Murphy Terminal	Basement	Vault	C	Wallreshoot		Concrete	White	INTACT	0.3	0.04	1.57	12.13	12/10/2012 10:44
9	Murphy Terminal	Basement	Vault	B	Wall		Brick	White	INTACT	0.19	0.03	1.62	13.3	12/10/2012 10:47
10	Murphy Terminal	Basement	Vault	C	Wall		Concrete	White	INTACT	0.07	0.02	1.99	21.09	12/10/2012 10:54
11	Murphy Terminal	Basement	Vault	D	Wall		Brick	White	INTACT	0.07	0.02	1.46	16.46	12/10/2012 10:57
12	Murphy Terminal	Basement	Vault	--	Ceiling		Concrete	White	INTACT	0.08	0.02	1.62	13.86	12/10/2012 11:07
13	Murphy Terminal	4th	Hall	--	Ceiling		Concrete B lock	White	INTACT	0	0.02	1	5.56	12/10/2012 11:41
14	Murphy Terminal	4th	Hall	--	Ceiling		Concrete B lock	White	INTACT	0	0.02	1	4.27	12/10/2012 11:42
15	Murphy Terminal	3	Roof north	C	Wall		Brick	Grey	INTACT	0.02	0.02	2.3	4.26	12/10/2012 12:58
					(battery died)									

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TRC

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Terminal B - IAB & Murphy Terminal
Project # :	183572.4445.0710
Date(s):	9/5/2013
Inspector:	Gregory Kaczynski (State of Connecticut License No. 002158)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
66	**Calibration**									1.2	0.0		261.19	9/5/2013 14:04
67	**Calibration**									0.3	0.1	1.12	5.2	9/5/2013 14:06
68	**Calibration**									1.5	0.1	1.15	5.55	9/5/2013 14:07
69	Murphy Terminal									0.7	0.1	1.08	5.1	9/5/2013 14:07
70	IAB	Exterior	Public side		wheelchair ramp		Concrete	Yellow		0.0	0.1	3.02	1.06	9/5/2013 14:12
71	IAB	Exterior	Public side		wheelchair ramp		Concrete	Yellow		**3.1**	1.1	2.84	3.67	9/5/2013 14:12
72	Murphy Terminal	Exterior	Public side		wheelchair ramp		Concrete	Yellow		0.0	0.0	1	2.02	9/5/2013 14:14
73	Murphy Terminal	Exterior	Public side		wheelchair ramp		Concrete	Yellow		**0.1**	0.1	4.97	4.14	9/5/2013 14:14
74	Murphy Terminal	Exterior	Public side		road paint		aspnalt	Yellow		**7.1**	2.8	3.04	2.36	9/5/2013 14:18
75	Murphy Terminal	Exterior	Public side		road paint		aspnalt	White		0.0	0.0	1	3.68	9/5/2013 14:21
76	Murphy Terminal	Exterior	Public side		road paint		aspnalt	White		0.0	0.0	1	2.59	9/5/2013 14:22
77	Murphy Terminal	Exterior	Public side		road rails		Metal	Blue		0.0	0.0	1	2.25	9/5/2013 14:23
78	Murphy Terminal	Exterior	Public side		road rails		Metal	Blue		0.0	0.0	1	2.02	9/5/2013 14:25
79	Murphy Terminal	Exterior	Public side		escalator entry		Metal	White		0.0	0.0	1	1.78	9/5/2013 14:30
80	Murphy Terminal	Exterior	Public side		escalator entry		Metal	White		0.0	0.0	1	1.91	9/5/2013 14:31
81	Murphy Terminal	Exterior	Public side		escalator entry	Railing	Metal	Grey		0.0	0.0	1.71	2.25	9/5/2013 14:32
82	Murphy Terminal	Exterior	Public side		escalator entry	Riser	Metal	Red		0.0	0.0	1	1.9	9/5/2013 14:32
83	Murphy Terminal	Exterior	Public side		ramp light pos	--	Metal	Black		**1.6**	0.4	2.22	2.95	9/5/2013 14:45
84	Murphy Terminal	Exterior	Public side		ramp foundatic	--	Concrete	White		0.0	0.0	1	3.56	9/5/2013 14:48
85	Murphy Terminal	Exterior	Public side		ramp foundatic	--	Concrete	White		0.0	0.0	1.46	2.85	9/5/2013 14:49
86	Murphy Terminal	Exterior	Public side		ramp foundatic	--support	Concrete	White		0.0	0.0	2.55	4.73	9/5/2013 14:50
87	Murphy Terminal	Exterior	Public side		(void shot)			Grey		**14.6**	4.5	4.42	1.78	9/5/2013 14:52
88	Murphy Terminal	Exterior	Public side		rampstructural	--support	Metal	Grey		**18.7**	4.2	4.85	2.37	9/5/2013 14:52
89	Murphy Terminal	Exterior	Public side		rampbfoundag	--support	Concrete	White		0.0	0.0	1.26	2.37	9/5/2013 14:57
90	Murphy Terminal	Exterior	Public side		rampbfoundag	--support	Concrete	White		0.0	0.0	1	2.85	9/5/2013 14:58
91	Murphy Terminal	Exterior	Public side		road lip marking		Concrete	Yellow		0.0	0.0	3.64	3.55	9/5/2013 15:04
92	Murphy Terminal	Exterior	Public side		road lip marking		Concrete	Yellow		0.0	0.0	1.39	2.95	9/5/2013 15:04
93	Murphy Terminal	Exterior	Public side		road lip marking		Concrete	Yellow		0.0	0.0	4.67	6.51	9/5/2013 15:05
94	Murphy Terminal	Exterior	Public side		road lip marking		Concrete	Yellow		0.0	0.0	2.48	3.32	9/5/2013 15:06
95	Murphy Terminal	Exterior	Public side		road lip marking		Concrete	Yellow		0.0	0.0	1.86	3.31	9/5/2013 15:08
96	Murphy Terminal	Exterior	Public side		wheelchair ramp		Concrete	Yellow		0.0	0.0	1.78	3.67	9/5/2013 15:09
97	IAB	Exterior	Public side		ramp foundation support		Concrete	White		0.0	0.0	1	2.49	9/5/2013 15:15
98	IAB	Exterior	Public side		Sign post		Metal	Blue		0.8	0.1	1.19	4.14	9/5/2013 15:26
99	IAB	Exterior	Public side		ramp rail		Metal	Blue		**4.6**	5.5	1.65	6.83	9/5/2013 15:33
100	IAB	Exterior	Public side		ramp rail		Metal	Blue		**3.8**	0.7	1.68	3.57	9/5/2013 15:33
101	Calibration	--	--				--			**0.3**	0.1	1.11	2.6	9/5/2013 15:42
102	Calibration	--	--				--			1.3	0.2	1.03	3.07	9/5/2013 15:42
103	Calibration	--	--				--			1.4	0.2	1.06	3.55	9/5/2013 15:43
104	Calibration	--	--				--			0.7	0.1	1	3.44	9/5/2013 15:43

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

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TRC

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	ConnDOT - BIA - Murphy Terminal
Project # :	183572.4445.0710
Date(s):	9/5/2013
Inspector:	Gregory Kaczynski (State of Connecticut License No. 002158)

Number	Address	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
167	**Calibration**									1.2	0.0		263.19	9/10/2013 9:37
168	**Calibration**			--						0.7	0.1	1.03	7.9	9/10/2013 9:47
169	**Calibration**			--						0.3	0.1	1.1	6.24	9/10/2013 9:48
170	**Calibration**			--						1.5	0.1	1.11	6.46	9/10/2013 9:49
171	Basement - Murphy Terminal		Room 151	A	Wall	upper	Concrete	Green	Defective	**0.1**	0.0	2.37	7.76	9/10/2013 10:05
172	4th floor - Murphy Terminal		Stairwell to penthouse	A	Wall	--	cmu	White	Defective	**0.4**	0.1	4.07	17.28	9/10/2013 10:58
173	4th floor - Murphy Terminal		Stairwell to penthouse	D	Wall	--	cmu	White	Defective	**0.4**	0.2	4.2	4.47	9/10/2013 10:59
174	Penthouse - Murphy Terminal			C	Wall	--	cmu	White	Defective	**0.5**	0.2	5.92	6.35	9/10/2013 11:01
175	Penthouse - Murphy Terminal			B	Wall	--	cmu	White	Defective	**0.4**	0.2	7.42	6.35	9/10/2013 11:02
176	Penthouse - Murphy Terminal			--	Ceiling	--	Concrete	White	Defective	**0.2**	0.1	3.29	3.87	9/10/2013 11:05
177	Penthouse - Murphy Terminal		Stairwell to tower	A	Wall	--	cmu	White	Defective	**0.3**	0.1	4.14	6.36	9/10/2013 11:08
178	Penthouse - Murphy Terminal		Stairwell to tower	D	Wall	--	cmu	White	Defective	**0.2**	0.1	4.33	4.47	9/10/2013 11:09
179	Penthouse - Murphy Terminal		Stairwell to tower	A	Wall	--	cmu	White	Defective	**0.1**	0.1	3.25	4.23	9/10/2013 11:09
180	**Calibration**		--	--	--	--	--			0.3	0.1	1.14	5.05	9/10/2013 15:25
181	**Calibration**		--	--	--	--	--			0.7	0.1	1.02	6.71	9/10/2013 15:25
182	**Calibration**		--	--	--	--	--			1.6	0.1	1.18	6.32	9/10/2013 15:26

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

Side A = Street side; Sides B,C,D follow clockwise

APPENDIX G

COMPOSITE BUILDING MATERIAL WASTE CHARACTERIZATION DATA

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. G. Kaczynski
TRC Environmental Consultants
21 Griffin Rd., North
Windsor, CT 06095

Analytical Report

CET # 13090472

Report Date: September 23, 2013
Client Project: BIA, Terminal B, Windsor Locks
Client Project #: 183572.4445.0710

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Certification 199

New York Certification 11982
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AF43780	1	Solid	9/18/2013		09/19/2013

Sample temperature upon receipt was 24.3 degrees C

PREP ANALYSIS:

TCLP, Metals [EPA 1311]

Client ID	1
CET ID	AF43780
Date Analyzed	9/20/2013

ANALYSIS:

TCLP Metals [EPA 6020A] Units: mg/l

Client ID	1
CET ID	AF43780
Date Analyzed	9/20/2013
Dilution	1.0
Lead	ND < 0.013

TCLP Metals Dup by ICP/MS [EPA 6020A] Units: mg/l

Client ID	1
CET ID	AF43780
Date Analyzed	9/20/2013
Dilution	1.0
Lead	0.013

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

CET # 1309047a

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Sample ID	Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify))	Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Herbicides	13 Priority Poll	8 RCRA	TOTAL	TCLP Pb	SPLP	Field Filtered	Lab To Filter									TOTAL # OF CONT.	NOTE #
#1	9/18/13	Asphalt, concrete, plaster			X																X												1	1

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C–Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	9/18/13 1500	[signature] 9/19/13 1300
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: 1. TCLP For Asphalt, Handicap Ramps (concrete), Sidewalk (concrete) and plaster wall.

Client / Reporting Information

Company Name: TRC
Address: 21 Griffin Rd North
City: Windsor CT
State:
Zip: 06095
Report To: G. Kaczynski
E-mail: GKaczynski@trcSolutions.com
Phone #: 860-810-6295
Fax #:

Project Information

Project Contact: H Galberte
PO #:
Project: BLA-Terminal B
Project #: 183572.4445.0710
Location: Windsor Locks CT
Collector(s): MK/GK

QA/QC: ☒ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *

Data Report: ☒ Email ☐ PDF ☐ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (specify)

Lab Use:
Evidence of Cooling: Y or (N)
Temp Upon Receipt: 0.43 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day.

REV. 7/1/10

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: BIA, Terminal B, Windsor Locks
CET#: 13090472

Blank/LCS Report

QA Type: TCLP Metals Date Analyzed: 9/20/2013 Batch ID: 88375

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	96	80-120

All associated samples: AF43780

Project: BIA, Terminal B, Windsor Locks
Cet#: 13090472

Matrix Spike Report

QA Type: TCLP Metals Date Analyzed: 9/20/2013 Sample ID: AF43780 Client ID: 1

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	ND<0.013	0.20	106	105	75-125	0.95	20

ND is not detected

Project: BIA, Terminal B, Windsor Locks
Cet#: 13090472

QC Batch Report

TCLP Metals Batch 88375

CET ID	Client Sample ID	Matrix	Collection Date
AF43780	1	Solid	9/18/2013

Project: BIA, Terminal B, Windsor Locks
Cet#: 13090472

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
LCS CL	Control limits for Laboratory Control Sample.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Certification 199

New York Certification 11982
Florida Laboratory Certification E871064

Report Date:
27-Dec-12 17:07

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: ConnDOT-Murphy Termial, BIA
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB62040-01	01-A	Ash	18-Dec-12 00:00	19-Dec-12 15:10

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 12 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

State Of Connecticut
Department of Environmental Protection
Laboratory Quality Control and Quality Assurance Form

Laboratory Name: Spectrum Analytical, Inc.

Project Location: ConnDOT-Murphy Termial, BIA

Project Name and Number: ConnDOT-Murphy Termial, BIA / 183572.4445.0710

This form provides certification for the following data set: SB62040-01

Sample matrices:	**Analytical methods used:**
Ash	SW846 1010A SW846 1311 SW846 1311/6010C SW846 1311/7470A SW846 6010C SW846 7471B SW846 9045D SW846 Ch. 7.3

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain of Custody documentation for the data set?	☑ Yes	☐ No
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed?	☑ Yes	☐ No
C	Were all QC performance standards and recommendations for the specified methods achieved?	☑ Yes	☐ No
D	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☐ Yes	☑ No *

* The compounds and/or elements reported are as specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

Negative responses for A, B and C are addressed in a case narrative on the cover page of this report.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 12/27/2012

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: ConnDOT-Murphy Termial, BIA

Project Number: 183572.4445.0710

Sampling Date(s):
12/18/2012

Laboratory Sample ID(s):
SB62040-01

RCP Methods Used:
SW846 1311
SW846 1311/6010C
SW846 1311/7470A
SW846 6010C
SW846 7471B

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	Yes	✓ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	Yes	✓ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	✓ Yes	No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 12/27/2012

CASE NARRATIVE:

The samples were received 2.1 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

These samples do not exhibit the characteristics of reactivity as defined in 40 CFR 261.23, sections (1), (2), (4), and (5); however, Spectrum Analytical, Inc. does not test for detonation, explosive reaction or potential, or forbidden explosives as defined in 40 CFR 261.23, sections (3), (6), (7) and (8).

For this work order, the reporting limits have not been referenced or specified.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 1311/6010C

Laboratory Control Samples:

1231434 BS/BSD

Selenium percent recoveries (122/119) are outside individual acceptance criteria, but within overall method allowances. All reported results of the following samples are considered to have a potentially high bias:

01-A

Duplicates:

1231434-DUP1 *Source: SB62040-01*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Barium
Cadmium

The Reporting Limit has been raised to account for matrix interference.

Barium

The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.

Chromium

Samples:

SB62040-01 *01-A*

SW846 1311/6010C

Samples:

SB62040-01 *01-A*

The Reporting Limit has been raised to account for matrix interference.

Barium

SW846 6010C

Duplicates:

1231409-DUP1 *Source: SB62040-01*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Selenium

The Reporting Limit has been raised to account for matrix interference.

Selenium

Samples:

SB62040-01 *01-A*

The Reporting Limit has been raised to account for matrix interference.

Selenium

SW846 7471B

Spikes:

1231410-MS1 *Source: SB62040-01*

The spike recovery for this QC sample is outside the established control limits. The sample results for the QC batch were accepted based on LCS/LCSD or SRM recoveries within the control limits.

Mercury

Duplicates:

1231410-DUP1 *Source: SB62040-01*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Mercury

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
01-A SB62040-01	183572.4445.0710	Ash	18-Dec-12 00:00	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Total Metals by EPA 6000/7000 Series Methods													
7440-22-4	Silver	< 1.48		mg/kg	1.48	0.143	1	SW846 6010C	21-Dec-12	27-Dec-12	edt	1231409	X
7440-38-2	Arsenic	7.12		mg/kg	1.48	0.493	1	"	"	"	"	"	X
7440-39-3	Barium	38.2		mg/kg	0.988	0.154	1	"	"	26-Dec-12	"	"	X
7440-43-9	Cadmium	< 0.494		mg/kg	0.494	0.0731	1	"	"	"	"	"	X
7440-47-3	Chromium	25.2		mg/kg	0.988	0.0425	1	"	"	"	"	"	X
7439-97-6	Mercury	< 0.0262		mg/kg	0.0262	0.0024	1	SW846 7471B	"	26-Dec-12	JLM	1231410	X
7439-92-1	Lead	30.5		mg/kg	1.48	0.152	1	SW846 6010C	"	27-Dec-12	edt	1231409	X
7782-49-2	Selenium	< 2.32	R01	mg/kg	2.32	0.313	1	"	"	"	"	"	X
TCLP Metals by EPA 1311 & 6000/7000 Series Methods													
	TCLP Extraction	Completed		N/A			1	SW846 1311	20-Dec-12	21-Dec-12	CMB	1231414	X
	TCLP Extraction	Completed		N/A			1	"	"	"	"	"	X
7440-22-4	Silver	< 0.0100		mg/l	0.0100	0.0036	1	SW846 1311/6010C	21-Dec-12	26-Dec-12	ARF	1231434	X
7440-38-2	Arsenic	0.0389		mg/l	0.0080	0.0062	1	"	"	"	"	"	X
7440-39-3	Barium	< 0.930	R01	mg/l	0.930	0.0006	1	"	"	"	"	"	X
7440-43-9	Cadmium	< 0.0050		mg/l	0.0050	0.0003	1	"	"	27-Dec-12	"	"	X
7440-47-3	Chromium	0.518		mg/l	0.0100	0.0066	1	"	"	26-Dec-12	"	"	X
7439-97-6	Mercury	< 0.00020		mg/l	0.00020	0.00007	1	SW846 1311/7470A	"	24-Dec-12	JLM	1231435	X
7439-92-1	Lead	0.0587		mg/l	0.0150	0.0039	1	SW846 1311/6010C	"	26-Dec-12	ARF	1231434	X
7782-49-2	Selenium	< 0.0300		mg/l	0.0300	0.0076	1	"	"	"	"	"	X
Toxicity Characteristics													
	Flashpoint	>200		°F			1	SW846 1010A	27-Dec-12	27-Dec-12	VK	1231756	X
	pH	2.58	pH	pH Units			1	SW846 9045D	20-Dec-12 10:56	20-Dec-12 11:46	BD	1231350	
Reactivity Cyanide/Sulfide													
Prepared by method General Preparation													
	Reactivity	Nonreactive		mg/kg			1	SW846 Ch. 7.3	21-Dec-12	21-Dec-12	DJB	1231481	X
	Reactive Cyanide	< 24.8		mg/kg	24.8	24.8	1	"	"	"	"	"	X
	Reactive Sulfide	< 49.7		mg/kg	49.7	49.7	1	"	"	"	"	"	X

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1231409 - SW846 3050B										
Blank (1231409-BLK1)					Prepared: 21-Dec-12 Analyzed: 27-Dec-12					
Selenium	< 1.25		mg/kg	1.25						
Silver	< 1.25		mg/kg	1.25						
Barium	< 0.833		mg/kg	0.833						
Cadmium	< 0.417		mg/kg	0.417						
Chromium	< 0.833		mg/kg	0.833						
Arsenic	< 1.25		mg/kg	1.25						
Lead	< 1.25		mg/kg	1.25						
Duplicate (1231409-DUP1)			Source: SB62040-01		Prepared: 21-Dec-12 Analyzed: 27-Dec-12					
Selenium	**1.71**	J,QR8, R01	mg/kg	1.72		2.30			29	20
Cadmium	< 0.466		mg/kg	0.466		BRL				20
Silver	< 1.40		mg/kg	1.40		BRL				20
Chromium	**23.5**		mg/kg	0.932		25.2			7	20
Arsenic	**7.90**		mg/kg	1.40		7.12			10	20
Lead	**34.7**		mg/kg	1.40		30.5			13	20
Barium	**37.9**		mg/kg	0.932		38.2			0.7	20
Matrix Spike (1231409-MS1)			Source: SB62040-01		Prepared: 21-Dec-12 Analyzed: 27-Dec-12					
Selenium	**114**		mg/kg	1.48	123	2.30	91	75-125		
Lead	**137**		mg/kg	1.48	123	30.5	86	75-125		
Arsenic	**121**		mg/kg	1.48	123	7.12	92	75-125		
Cadmium	**110**		mg/kg	0.493	123	BRL	89	75-125		
Barium	**166**		mg/kg	0.985	123	38.2	104	75-125		
Silver	**119**		mg/kg	1.48	123	BRL	97	75-125		
Chromium	**156**		mg/kg	0.985	123	25.2	106	75-125		
Matrix Spike Dup (1231409-MSD1)			Source: SB62040-01		Prepared: 21-Dec-12 Analyzed: 27-Dec-12					
Selenium	**110**		mg/kg	1.44	120	2.30	90	75-125	3	20
Chromium	**145**		mg/kg	0.957	120	25.2	100	75-125	7	20
Silver	**109**		mg/kg	1.44	120	BRL	91	75-125	9	20
Arsenic	**116**		mg/kg	1.44	120	7.12	91	75-125	4	20
Cadmium	**106**		mg/kg	0.479	120	BRL	89	75-125	4	20
Barium	**147**		mg/kg	0.957	120	38.2	91	75-125	12	20
Lead	**132**		mg/kg	1.44	120	30.5	85	75-125	4	20
Post Spike (1231409-PS1)			Source: SB62040-01		Prepared: 21-Dec-12 Analyzed: 27-Dec-12					
Selenium	**113**		mg/kg	1.48	123	2.30	89	80-120		
Lead	**136**		mg/kg	1.48	123	30.5	85	80-120		
Silver	**111**		mg/kg	1.48	123	BRL	90	80-120		
Barium	**158**		mg/kg	0.988	123	38.2	97	80-120		
Cadmium	**110**		mg/kg	0.494	123	BRL	89	80-120		
Arsenic	**119**		mg/kg	1.48	123	7.12	91	80-120		
Chromium	**152**		mg/kg	0.988	123	25.2	103	80-120		
Reference (1231409-SRM1)					Prepared: 21-Dec-12 Analyzed: 27-Dec-12					
Selenium	**41.4**		mg/kg	1.50	44.1		94	79.98-119.91		
Barium	**78.2**		mg/kg	1.00	73.5		107	83.22-117.48		
Cadmium	**27.7**		mg/kg	0.500	31.0		89	83.11-116.89		
Chromium	**67.1**		mg/kg	1.00	64.2		104	81.6-117.6		
Silver	**29.4**		mg/kg	1.50	31.5		93	66.23-133.76		
Lead	**75.6**		mg/kg	1.50	69.9		108	83.82-116.91		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1231409 - SW846 3050B										
Reference (1231409-SRM1)						Prepared: 21-Dec-12	Analyzed: 27-Dec-12			
Arsenic	**89.4**		mg/kg	1.50	93.5		96	82.97-117.58		
Reference (1231409-SRM2)						Prepared: 21-Dec-12	Analyzed: 27-Dec-12			
Selenium	**38.2**		mg/kg	1.50	43.7		87	79.98-119.91		
Arsenic	**84.4**		mg/kg	1.50	92.6		91	82.97-117.58		
Cadmium	**27.0**		mg/kg	0.500	30.7		88	83.11-116.89		
Barium	**71.6**		mg/kg	1.00	72.7		98	83.22-117.48		
Silver	**28.1**		mg/kg	1.50	31.2		90	66.23-133.76		
Lead	**66.2**		mg/kg	1.50	69.2		96	83.82-116.91		
Chromium	**66.6**		mg/kg	1.00	63.6		105	81.6-117.6		
Batch 1231410 - EPA200/SW7000 Series										
Blank (1231410-BLK1)						Prepared: 21-Dec-12	Analyzed: 26-Dec-12			
Mercury	< 0.0285		mg/kg	0.0285						
Duplicate (1231410-DUP1)			Source: SB62040-01			Prepared: 21-Dec-12	Analyzed: 26-Dec-12			
Mercury	**0.0144**	J,QR8	mg/kg	0.0291		0.0113			24	20
Matrix Spike (1231410-MS1)			Source: SB62040-01			Prepared: 21-Dec-12	Analyzed: 26-Dec-12			
Mercury	**0.265**	QM9	mg/kg	0.0290	0.201	0.0113	126	75-125		
Matrix Spike Dup (1231410-MSD1)			Source: SB62040-01			Prepared: 21-Dec-12	Analyzed: 26-Dec-12			
Mercury	**0.264**		mg/kg	0.0299	0.208	0.0113	122	75-125	0.4	20
Post Spike (1231410-PS1)			Source: SB62040-01			Prepared: 21-Dec-12	Analyzed: 26-Dec-12			
Mercury	**0.233**	QM9	mg/kg	0.0262	0.182	0.0113	122	80-120		
Reference (1231410-SRM1)						Prepared: 21-Dec-12	Analyzed: 26-Dec-12			
Mercury	**3.62**	D	mg/kg	0.300	3.33		109	71.68-128.65		

TCLP Metals by EPA 1311 & 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1231434 - SW846 3010A										
Blank (1231434-BLK1)					Prepared: 21-Dec-12	Analyzed: 26-Dec-12				
Lead	< 0.0150		mg/l	0.0150						
Selenium	< 0.0300		mg/l	0.0300						
Cadmium	< 0.0050		mg/l	0.0050						
Arsenic	< 0.0080		mg/l	0.0080						
Chromium	< 0.0100		mg/l	0.0100						
Silver	< 0.0100		mg/l	0.0100						
Barium	< 0.930		mg/l	0.930						
LCS (1231434-BS1)					Prepared: 21-Dec-12	Analyzed: 26-Dec-12				
Lead	**2.36**		mg/l	0.0150	2.50		95	85-115		
Selenium	**3.05**	QC2	mg/l	0.0300	2.50		122	85-115		
Cadmium	**2.47**		mg/l	0.0050	2.50		99	85-115		
Silver	**2.84**		mg/l	0.0100	2.50		113	85-115		
Arsenic	**2.92**	QM9	mg/l	0.0080	2.50		117	85-115		
Chromium	**2.45**		mg/l	0.0100	2.50		98	85-115		
Barium	**2.50**		mg/l	0.930	2.50		104	85-115		
LCS Dup (1231434-BSD1)					Prepared: 21-Dec-12	Analyzed: 26-Dec-12				
Selenium	**2.97**	QC2	mg/l	0.0300	2.50		119	85-115	3	20
Lead	**2.36**		mg/l	0.0150	2.50		95	85-115	0.04	20
Cadmium	**2.49**		mg/l	0.0050	2.50		100	85-115	0.7	20
Chromium	**2.46**		mg/l	0.0100	2.50		98	85-115	0.4	20
Silver	**2.41**		mg/l	0.0100	2.50		96	85-115	16	104
Arsenic	**2.85**		mg/l	0.0080	2.50		114	85-115	2	20
Barium	**2.57**		mg/l	0.930	2.50		103	85-115	2	20
Duplicate (1231434-DUP1)			Source: SB62040-01		Prepared: 21-Dec-12	Analyzed: 26-Dec-12				
Lead	**0.0692**		mg/l	0.0150		0.0587			16	20
Selenium	< 0.0300		mg/l	0.0300		BRL				20
Arsenic	**0.0458**		mg/l	0.0080		0.0389			16	20
Chromium	**0.656**	QR6	mg/l	0.0100		0.518			23	20
Cadmium	**0.0017**	J,QR8	mg/l	0.0050		0.0036			73	20
Silver	< 0.0100		mg/l	0.0100		BRL				20
Barium	**0.348**	J,QR8, R01	mg/l	0.930		0.255			31	20
Matrix Spike (1231434-MS1)			Source: SB62040-01		Prepared: 21-Dec-12	Analyzed: 26-Dec-12				
Selenium	**2.69**		mg/l	0.0300	2.50	BRL	107	75-125		
Lead	**2.02**		mg/l	0.0150	2.50	0.0587	78	75-125		
Chromium	**2.61**		mg/l	0.0100	2.50	0.518	84	75-125		
Arsenic	**2.50**		mg/l	0.0080	2.50	0.0389	98	75-125		
Silver	**2.56**		mg/l	0.0100	2.50	BRL	103	75-125		
Cadmium	**2.01**		mg/l	0.0050	2.50	0.0036	80	75-125		
Barium	**2.39**		mg/l	0.930	2.50	0.255	86	75-125		
Matrix Spike Dup (1231434-MSD1)			Source: SB62040-01		Prepared: 21-Dec-12	Analyzed: 26-Dec-12				
Lead	**1.99**		mg/l	0.0150	2.50	0.0587	77	75-125	1	20
Selenium	**2.65**		mg/l	0.0300	2.50	BRL	106	75-125	1	20
Arsenic	**2.47**		mg/l	0.0080	2.50	0.0389	97	75-125	1	20
Chromium	**2.57**		mg/l	0.0100	2.50	0.518	82	75-125	2	20
Cadmium	**1.99**		mg/l	0.0050	2.50	0.0036	79	75-125	1	20
Silver	**2.53**		mg/l	0.0100	2.50	BRL	101	75-125	1	20
Barium	**2.38**		mg/l	0.930	2.50	0.255	85	75-125	0.8	20
Post Spike (1231434-PS1)			Source: SB62040-01		Prepared: 21-Dec-12	Analyzed: 26-Dec-12				
Selenium	**2.70**		mg/l	0.0300	2.50	BRL	108	80-120		
Silver	**2.52**		mg/l	0.0100	2.50	BRL	101	80-120		

TCLP Metals by EPA 1311 & 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1231434 - SW846 3010A										
Post Spike (1231434-PS1)			Source: SB62040-01		Prepared: 21-Dec-12		Analyzed: 26-Dec-12			
Chromium	**2.54**		mg/l	0.0100	2.50	0.518	81	80-120		
Arsenic	**2.51**		mg/l	0.0080	2.50	0.0389	99	80-120		
Barium	**2.36**		mg/l	0.930	2.50	0.255	84	80-120		
Batch 1231435 - EPA200/SW7000 Series										
Blank (1231435-BLK1)					Prepared: 21-Dec-12		Analyzed: 24-Dec-12			
Mercury	< 0.00020		mg/l	0.00020						
LCS (1231435-BS1)					Prepared: 21-Dec-12		Analyzed: 24-Dec-12			
Mercury	**0.00471**		mg/l	0.00020	0.00500		94	85-115		
Duplicate (1231435-DUP1)			Source: SB62040-01		Prepared: 21-Dec-12		Analyzed: 24-Dec-12			
Mercury	< 0.00020		mg/l	0.00020		BRL				20
Matrix Spike (1231435-MS1)			Source: SB62040-01		Prepared: 21-Dec-12		Analyzed: 24-Dec-12			
Mercury	**0.00460**		mg/l	0.00020	0.00500	BRL	92	75-125		
Matrix Spike Dup (1231435-MSD1)			Source: SB62040-01		Prepared: 21-Dec-12		Analyzed: 24-Dec-12			
Mercury	**0.00457**		mg/l	0.00020	0.00500	BRL	91	75-125	0.7	20
Post Spike (1231435-PS1)			Source: SB62040-01		Prepared: 21-Dec-12		Analyzed: 24-Dec-12			
Mercury	**0.00440**		mg/l	0.00020	0.00500	BRL	88	80-120		

Toxicity Characteristics - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1231350 - General Preparation										
Duplicate (1231350-DUP1)			**Source: SB62040-01**		Prepared & Analyzed: 20-Dec-12					
pH	**2.56**		pH Units			2.58			1	5
Reference (1231350-SRM1)					Prepared & Analyzed: 20-Dec-12					
pH	**6.02**		pH Units		6.00		100	97.5-102.5		
Reference (1231350-SRM2)					Prepared & Analyzed: 20-Dec-12					
pH	**5.58**		pH Units		5.51		101	92-108		
Batch 1231481 - General Preparation										
Blank (1231481-BLK1)					Prepared & Analyzed: 21-Dec-12					
Reactivity	**Nonreactive**		mg/kg							
Reactive Cyanide	< 250		mg/kg	250						
Reactive Sulfide	< 500		mg/kg	500						
Duplicate (1231481-DUP1)			**Source: SB62040-01**		Prepared & Analyzed: 21-Dec-12					
Reactivity	**Nonreactive**		mg/kg			Nonreactive				200
Reactive Cyanide	< 24.9		mg/kg	24.9		BRL				35
Reactive Sulfide	< 49.9		mg/kg	49.9		BRL				35
Reference (1231481-SRM1)					Prepared & Analyzed: 21-Dec-12					
Reactive Cyanide	< 25.0		mg/kg	25.0	10.0		0	0-200		
Reference (1231481-SRM2)					Prepared & Analyzed: 21-Dec-12					
Reactive Sulfide	**120**		mg/kg	50.0	670		18	0-200		
Batch 1231756 - General Preparation										
Reference (1231756-SRM1)					Prepared & Analyzed: 27-Dec-12					
Flashpoint	**80**		°F		81.0		99	95-105		

Notes and Definitions

D	Data reported from a dilution
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QM9	The spike recovery for this QC sample is outside the established control limits. The sample results for the QC batch were accepted based on LCS/LCSD or SRM recoveries within the control limits.
QR6	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
QR8	Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.
R01	The Reporting Limit has been raised to account for matrix interference.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
pH	The method for pH does not stipulate a specific holding time other than to state that the samples should be analyzed as soon as possible. For aqueous samples the 40 CFR 136 specifies a holding time of 15 minutes from sampling to analysis. Therefore all aqueous pH samples not analyzed in the field are considered out of hold time at the time of sample receipt. All soil samples are analyzed as soon as possible after sample receipt.

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
Kimberly Wisk
Rebecca Merz

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling

Project To: [redacted]

Project No: 1852.006.010

Project Mgr: Amy Liberty

Sampler: Greg Kasprzak

Lab ID	Sample ID	Date	Time	Matrix	Container	Analysis	Remarks
[illegible]	[illegible]	[illegible]			1	X X X X X	

Relinquished by: [illegible] Received by: [illegible] Date: [illegible] Time: [illegible]

Date: [illegible] Time: [illegible]

Delivery Method: Driver [illegible] Courier [illegible] Other

11 Allegro Drive • Agawam, MA 01001 • (413) 789-9018 • FAX (413) 789-4076 • www.spectrum-analytical.com

APPENDIX H

PCB BULK SAMPLE ANALYSIS DATA

Report Date:
03-Dec-12 17:13

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: BIA-Terminal B-Concourse A-Windsor Locks, CT
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB60132-01	1A	Caulk/Glaze	06-Nov-12 08:07	15-Nov-12 15:00
SB60132-02	1B	Caulk/Glaze	06-Nov-12 08:20	15-Nov-12 15:00
SB60132-03	1C	Caulk/Glaze	06-Nov-12 08:50	15-Nov-12 15:00
SB60132-04	2A	Caulk/Glaze	06-Nov-12 08:34	15-Nov-12 15:00
SB60132-05	2B	Caulk/Glaze	06-Nov-12 09:54	15-Nov-12 15:00
SB60132-06	2C	Caulk/Glaze	06-Nov-12 10:02	15-Nov-12 15:00
SB60132-07	3A	Caulk/Glaze	06-Nov-12 10:11	15-Nov-12 15:00
SB60132-08	3B	Caulk/Glaze	06-Nov-12 10:15	15-Nov-12 15:00
SB60132-09	3C	Caulk/Glaze	06-Nov-12 10:20	15-Nov-12 15:00
SB60132-10	4A	Caulk/Glaze	06-Nov-12 10:43	15-Nov-12 15:00
SB60132-11	4B	Caulk/Glaze	14-Nov-12 08:50	15-Nov-12 15:00
SB60132-12	4C	Caulk/Glaze	14-Nov-12 08:50	15-Nov-12 15:00
SB60132-13	05A	Caulk/Glaze	06-Nov-12 11:48	15-Nov-12 15:00
SB60132-14	05B	Caulk/Glaze	06-Nov-12 11:57	15-Nov-12 15:00
SB60132-15	06A	Caulk/Glaze	06-Nov-12 13:22	15-Nov-12 15:00
SB60132-16	06B	Caulk/Glaze	06-Nov-12 13:34	15-Nov-12 15:00
SB60132-17	06C	Caulk/Glaze	06-Nov-12 13:58	15-Nov-12 15:00
SB60132-18	07A	Caulk/Glaze	06-Nov-12 14:13	15-Nov-12 15:00
SB60132-19	07B	Caulk/Glaze	06-Nov-12 14:17	15-Nov-12 15:00
SB60132-20	08A	Caulk/Glaze	06-Nov-12 14:31	15-Nov-12 15:00
SB60132-21	08B	Caulk/Glaze	06-Nov-12 14:45	15-Nov-12 15:00
SB60132-22	09A	Caulk/Glaze	06-Nov-12 15:03	15-Nov-12 15:00
SB60132-23	09B	Caulk/Glaze	06-Nov-12 15:00	15-Nov-12 15:00
SB60132-24	09C	Caulk/Glaze	06-Nov-12 15:07	15-Nov-12 15:00
SB60132-25	10A	Caulk/Glaze	07-Nov-12 08:06	15-Nov-12 15:00
SB60132-26	10B	Caulk/Glaze	07-Nov-12 08:13	15-Nov-12 15:00
SB60132-27	10C	Caulk/Glaze	07-Nov-12 08:16	15-Nov-12 15:00
SB60132-28	11A	Caulk/Glaze	07-Nov-12 08:21	15-Nov-12 15:00
SB60132-29	11B	Caulk/Glaze	07-Nov-12 08:24	15-Nov-12 15:00
SB60132-30	11C	Caulk/Glaze	07-Nov-12 08:25	15-Nov-12 15:00
SB60132-31	12A	Caulk/Glaze	07-Nov-12 08:53	15-Nov-12 15:00
SB60132-32	12B	Caulk/Glaze	07-Nov-12 08:55	15-Nov-12 15:00
SB60132-33	13A	Caulk/Glaze	07-Nov-12 09:56	15-Nov-12 15:00
SB60132-34	13B	Caulk/Glaze	07-Nov-12 09:58	15-Nov-12 15:00
SB60132-35	13C	Caulk/Glaze	07-Nov-12 10:00	15-Nov-12 15:00
SB60132-36	14A	Caulk/Glaze	07-Nov-12 10:33	15-Nov-12 15:00
SB60132-37	14B	Caulk/Glaze	07-Nov-12 10:36	15-Nov-12 15:00

SB60132-38	14C	Caulk/Glaze	07-Nov-12 10:40	15-Nov-12 15:00
SB60132-39	15A	Caulk/Glaze	07-Nov-12 11:22	15-Nov-12 15:00
SB60132-40	15B	Caulk/Glaze	07-Nov-12 11:25	15-Nov-12 15:00
SB60132-41	15C	Caulk/Glaze	07-Nov-12 11:30	15-Nov-12 15:00
SB60132-42	16A	Caulk/Glaze	07-Nov-12 11:37	15-Nov-12 15:00
SB60132-43	16B	Caulk/Glaze	07-Nov-12 11:39	15-Nov-12 15:00

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 66 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: BIA-Terminal B-Concourse A-Windsor Locks, CT

Project Number: 183572.4445.0710

Sampling Date(s):
11/14/2012 through 11/7/2012

Laboratory Sample ID(s):
SB60132-01 through SB60132-43

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	Yes	✓ No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	Yes	✓ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	✓ Yes	No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 12/3/2012

CASE NARRATIVE:

The samples were received 2.2 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

December 3, 2012 Case Narrative:

The samples in this work order were originally extracted by method SW846 3545A, ASE, for PCB analysis. Although this method is in compliance with CT DEP RCP procedures the chain of custody requested the samples be extracted by method SW846 3540C, soxhlet.

The samples were re-extracted past the CT RCP PCB method hold time of 14 days. The soxhlet extraction uses a lower initial volume of weight for caulking material because this matrix tends to cause issues with the apparatus and introduces interferences.

Both sets of data from the two extractions are reported. Some samples report data with high RDP values because it is difficult to get a homogenous aliquot of caulking material. SB60132-42 is an example of this and the analyst noted there different colors of material in the jar resulting in a non-homogenous matrix.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8082A

Spikes:

1229092-MS1 *Source: SB60132-43RE1*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr) [2C]

1229092-MSD1 *Source: SB60132-43RE1*

SW846 8082A

Spikes:

1229092-MSD1 *Source: SB60132-43RE1*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr) [2C]

Duplicates:

1229090-DUP1 *Source: SB60132-12RE1*

Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.

Aroclor-1254 [2C]

1229092-DUP1 *Source: SB60132-43RE1*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1260
Aroclor-1260 [2C]
Aroclor-1262
Aroclor-1262 [2C]
Aroclor-1268
Aroclor-1268 [2C]

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr) [2C]

Samples:

SB60132-01 *1A*

The Reporting Limit has been raised to account for matrix interference.

SB60132-01RE1 *1A*

40 CFR part136 and SW846-8082 reference a holding time prior to extraction of one year for PCBs. Spectrum Analytical complies with CT RCP required hold times of 7-days for aqueous and 14-days for soil and/or product samples.

The Reporting Limit has been raised to account for matrix interference.

SB60132-02 *1B*

The Reporting Limit has been raised to account for matrix interference.

SB60132-02RE1 *1B*

40 CFR part136 and SW846-8082 reference a holding time prior to extraction of one year for PCBs. Spectrum Analytical complies with CT RCP required hold times of 7-days for aqueous and 14-days for soil and/or product samples.

The Reporting Limit has been raised to account for matrix interference.

SB60132-03 *1C*

The Reporting Limit has been raised to account for matrix interference.

SB60132-03RE1 *1C*

SW846 8082A

Samples:

SB60132-03RE1 *1C*

40 CFR part136 and SW846-8082 reference a holding time prior to extraction of one year for PCBs. Spectrum Analytical complies with CT RCP required hold times of 7-days for aqueous and 14-days for soil and/or product samples.

The Reporting Limit has been raised to account for matrix interference.

SB60132-04RE1 *2A*

40 CFR part136 and SW846-8082 reference a holding time prior to extraction of one year for PCBs. Spectrum Analytical complies with CT RCP required hold times of 7-days for aqueous and 14-days for soil and/or product samples.

SB60132-05RE1 *2B*

40 CFR part136 and SW846-8082 referenee a holding time prior to extraction of one year for PCBs. Spectrum Analytical complies with CT RCP required hold times of 7-days for aqueous and 14-days for soil and/or product samples.

SB60132-06RE1 *2C*

40 CFR part136 and SW846-8082 reference a holding time prior to extraction of one year for PCBs. Spectrum Analytical complies with CT RCP required hold times of 7-days for aqueous and 14-days for soil and/or product samples.

SB60132-07RE1 *3A*

40 CFR part136 and SW846-8082 reference a holding time prior to extraction of one year for PCBs. Spectrum Analytical complies with CT RCP required hold times of 7-days for aqueous and 14-days for soil and/or product samples.

SB60132-08RE1 *3B*

40 CFR part136 and SW846-8082 reference a holding time prior to extraction of one year for PCBs. Spectrum Analytical complies with CT RCP required hold times of 7-days for aqueous and 14-days for soil and/or product samples.

SB60132-09RE1 *3C*

40 CFR part136 and SW846-8082 reference a holding time prior to extraction of one year for PCBs. Spectrum Analytical complies with CT RCP required hold times of 7-days for aqueous and 14-days for soil and/or produet samples.

SB60132-10 *4A*

The Reporting Limit has been raised to account for matrix interference.

SB60132-10RE1 *4A*

40 CFR part136 and SW846-8082 referenee a holding time prior to extraction of one year for PCBs. Spectrum Analytical complies with CT RCP required hold times of 7-days for aqueous and 14-days for soil and/or product samples.

The Reporting Limit has been raised to aceount for matrix interference.

SB60132-13RE1 *05A*

40 CFR part136 and SW846-8082 reference a holding time prior to extraction of one year for PCBs. Spectrum Analytical complies with CT RCP required hold times of 7-days for aqueous and 14-days for soil and/or product samples.

SB60132-14RE1 *05B*

40 CFR part136 and SW846-8082 reference a holding time prior to extraction of one year for PCBs. Spectrum Analytical complies with CT RCP required hold times of 7-days for aqueous and 14-days for soil and/or product samples.

SB60132-15 *06A*

SW846 8082A

Samples:

SB60132-15 *06A*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB60132-15RE1 *06A*

40 CFR part136 and SW846-8082 reference a holding time prior to extraction of one year for PCBs. Spectrum Analytical complies with CT RCP required hold times of 7-days for aqueous and 14-days for soil and/or product samples.

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB60132-16 *06B*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB60132-16RE1 *06B*

40 CFR part136 and SW846-8082 reference a holding time prior to extraction of one year for PCBs. Spectrum Analytical complies with CT RCP required hold times of 7-days for aqueous and 14-days for soil and/or product samples.

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB60132-17 *06C*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB60132-17RE1 *06C*

SW846 8082A

Samples:

SB60132-17RE1 *06C*

40 CFR part136 and SW846-8082 reference a holding time prior to extraction of one year for PCBs. Spectrum Analytical complies with CT RCP required hold times of 7-days for aqueous and 14-days for soil and/or product samples.

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB60132-18 *07A*

The Reporting Limit has been raised to account for matrix interference.

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr) [2C]

SB60132-18RE1 *07A*

40 CFR part136 and SW846-8082 reference a holding time prior to extraction of one year for PCBs. Spectrum Analytical complies with CT RCP required hold times of 7-days for aqueous and 14-days for soil and/or product samples.

The Reporting Limit has been raised to account for matrix interference.

2,4,5,6-TC-M-Xylene (IS)
2,4,5,6-TC-M-Xylene (IS) [2C]
4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB60132-19RE1 *07B*

40 CFR part136 and SW846-8082 reference a holding time prior to extraction of one year for PCBs. Spectrum Analytical complies with CT RCP required hold times of 7-days for aqueous and 14-days for soil and/or product samples.

The Reporting Limit has been raised to account for matrix interference.

SB60132-20 *08A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1260
Aroclor-1262
Aroclor-1268

SB60132-20RE1 *08A*

40 CFR part136 and SW846-8082 reference a holding time prior to extraction of one year for PCBs. Spectrum Analytical complies with CT RCP required hold times of 7-days for aqueous and 14-days for soil and/or product samples.

SW846 8082A

Samples:

SB60132-20RE1 *08A*

The Reporting Limit has been raised to account for matrix interference.

2,4,5,6-TC-M-Xylene (IS)
2,4,5,6-TC-M-Xylene (IS) [2C]
4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr) [2C]

SB60132-21 *08B*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1260
Aroclor-1262
Aroclor-1268

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr) [2C]

SB60132-21RE1 *08B*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1260
Aroclor-1262
Aroclor-1268

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr) [2C]

SB60132-22 *09A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1260
Aroclor-1262
Aroclor-1268

SB60132-23 *09B*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1260
Aroclor-1262
Aroclor-1268

SB60132-25 *10A*

SW846 8082A

Samples:

SB60132-25 *10A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB60132-26 *10B*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB60132-27 *10C*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB60132-31 *12A*

The Reporting Limit has been raised to account for matrix interference.

SB60132-31RE1 *12A*

The Reporting Limit has been raised to account for matrix interference.

SB60132-32 *12B*

The Reporting Limit has been raised to account for matrix interference.

SB60132-32RE1 *12B*

The Reporting Limit has been raised to account for matrix interference.

SB60132-33 *13A*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SW846 8082A

Samples:

SB60132-33RE1 *13A*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB60132-34 *13B*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB60132-34RE1 *13B*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB60132-35 *13C*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB60132-35RE1 *13C*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB60132-36 *14A*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr) [2C]

SB60132-36RE1 *14A*

The Reporting Limit has been raised to account for matrix interference.

SB60132-37RE1 *14B*

The Reporting Limit has been raised to account for matrix interference.

SB60132-38 *14C*

The Reporting Limit has been raised to account for matrix interference.

SB60132-38RE1 *14C*

The Reporting Limit has been raised to account for matrix interference.

SB60132-39RE1 *15A*

40 CFR part136 and SW846-8082 reference a holding time prior to extraction of one year for PCBs. Spectrum Analytical complies with CT RCP required hold times of 7-days for aqueous and 14-days for soil and/or product samples.

SB60132-41RE1 *15C*

40 CFR part136 and SW846-8082 reference a holding time prior to extraction of one year for PCBs. Spectrum Analytical complies with CT RCP required hold times of 7-days for aqueous and 14-days for soil and/or product samples.

SB60132-42RE1 *16A*

40 CFR part136 and SW846-8082 reference a holding time prior to extraction of one year for PCBs. Spectrum Analytical complies with CT RCP required hold times of 7-days for aqueous and 14-days for soil and/or product samples.

SW846 8082A

Samples:

SB60132-42RE1 *16A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248

SB60132-43RE1 *16B*

40 CFR part136 and SW846-8082 reference a holding time prior to extraction of one year for PCBs. Spectrum Analytical complies with CT RCP required hold times of 7-days for aqueous and 14-days for soil and/or product samples.

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1260
Aroclor-1262
Aroclor-1268

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr) [2C]

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1A SB60132-01	183572.4445.0710	Caulk/Glaze	06-Nov-12 08:07	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 991		µg/kg dry	991	495	1	SW846 8082A	19-Nov-12	21-Nov-12	IMR	1228470	X
11104-28-2	Aroclor-1221	< 991		µg/kg dry	991	893	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 991		µg/kg dry	991	636	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 991		µg/kg dry	991	584	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 991		µg/kg dry	991	486	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 991		µg/kg dry	991	727	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 991		µg/kg dry	991	380	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 991		µg/kg dry	991	923	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 991		µg/kg dry	991	311	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*35*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			PCB, R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1000		µg/kg dry	1000	500	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229090	X
[illegible]8-2	Aroclor-1221	< 1000		µg/kg dry	1000	902	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1000		µg/kg dry	1000	643	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1000		µg/kg dry	1000	590	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1000		µg/kg dry	1000	491	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 1000		µg/kg dry	1000	734	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1000		µg/kg dry	1000	384	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1000		µg/kg dry	1000	933	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1000		µg/kg dry	1000	314	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*135*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228695	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1B SB60132-02	183572.4445.0710	Caulk/Glaze	06-Nov-12 08:20	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 819		µg/kg dry	819	409	1	SW846 8082A	19-Nov-12	21-Nov-12	IMR	1228470	X
11104-28-2	Aroclor-1221	< 819		µg/kg dry	819	738	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 819		µg/kg dry	819	526	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 819		µg/kg dry	819	483	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 819		µg/kg dry	819	402	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 819		µg/kg dry	819	601	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 819		µg/kg dry	819	314	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 819		µg/kg dry	819	763	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 819		µg/kg dry	819	257	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*35*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			PCB, R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 840		µg/kg dry	840	420	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229090	X
11104-28-2	Aroclor-1221	< 840		µg/kg dry	840	757	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 840		µg/kg dry	840	539	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 840		µg/kg dry	840	495	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 840		µg/kg dry	840	412	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 840		µg/kg dry	840	616	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 840		µg/kg dry	840	322	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 840		µg/kg dry	840	783	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 840		µg/kg dry	840	264	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*30*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.3		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228695	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IC SB60132-03	183572.4445.0710	Caulk/Glaze	06-Nov-12 08:50	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 352		µg/kg dry	352	176	1	SW846 8082A	19-Nov-12	21-Nov-12	IMR	1228470	X
11104-28-2	Aroclor-1221	< 352		µg/kg dry	352	317	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 352		µg/kg dry	352	226	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 352		µg/kg dry	352	207	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 352		µg/kg dry	352	173	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 352		µg/kg dry	352	258	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 352		µg/kg dry	352	135	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 352		µg/kg dry	352	328	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 352		µg/kg dry	352	110	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			PCB, R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 357		µg/kg dry	357	178	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229090	X
[illegible]8-2	Aroclor-1221	< 357		µg/kg dry	357	321	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 357		µg/kg dry	357	229	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 357		µg/kg dry	357	210	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 357		µg/kg dry	357	175	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 357		µg/kg dry	357	262	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 357		µg/kg dry	357	137	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 357		µg/kg dry	357	332	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 357		µg/kg dry	357	112	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*30*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228695	

This laboratory report is not valid without an authorized signature on the cover page.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
2A SB60132-04	183572.4445.0710	Caulk/Glaze	06-Nov-12 08:34	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 190		µg/kg dry	190	94.7	1	SW846 8082A	19-Nov-12	21-Nov-12	IMR	1228470	X
11104-28-2	Aroclor-1221	< 190		µg/kg dry	190	171	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 190		µg/kg dry	190	122	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 190		µg/kg dry	190	112	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 190		µg/kg dry	190	93.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 190		µg/kg dry	190	139	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 190		µg/kg dry	190	72.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 190		µg/kg dry	190	177	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 190		µg/kg dry	190	59.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			PCB										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 196		µg/kg dry	196	98.1	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229090	X
11104-28-2	Aroclor-1221	< 196		µg/kg dry	196	177	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 196		µg/kg dry	196	126	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 196		µg/kg dry	196	116	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 196		µg/kg dry	196	96.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 196		µg/kg dry	196	144	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 196		µg/kg dry	196	75.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 196		µg/kg dry	196	183	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 196		µg/kg dry	196	61.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.6		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228695	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
2B SB60132-05	183572.4445.0710	Caulk/Glaze	06-Nov-12 09:54	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 168		µg/kg dry	168	84.0	1	SW846 8082A	19-Nov-12	21-Nov-12	IMR	1228470	X
11104-28-2	Aroclor-1221	< 168		µg/kg dry	168	152	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 168		µg/kg dry	168	108	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 168		µg/kg dry	168	99.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 168		µg/kg dry	168	82.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 168		µg/kg dry	168	123	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 168		µg/kg dry	168	64.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 168		µg/kg dry	168	157	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 168		µg/kg dry	168	52.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			PCB										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 163		µg/kg dry	163	81.5	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229090	X
[illegible]-2	Aroclor-1221	< 163		µg/kg dry	163	147	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 163		µg/kg dry	163	105	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 163		µg/kg dry	163	96.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 163		µg/kg dry	163	80.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 163		µg/kg dry	163	120	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 163		µg/kg dry	163	62.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 163		µg/kg dry	163	152	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 163		µg/kg dry	163	51.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.8		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228695	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
2C SB60132-06	183572.4445.0710	Caulk/Glaze	06-Nov-12 10:02	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 198		µg/kg dry	198	98.9	1	SW846 8082A	19-Nov-12	21-Nov-12	IMR	1226470	X
11104-28-2	Aroclor-1221	< 198		µg/kg dry	198	178	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 198		µg/kg dry	198	127	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 198		µg/kg dry	198	117	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 198		µg/kg dry	198	97.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 198		µg/kg dry	198	145	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 198		µg/kg dry	198	75.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 198		µg/kg dry	198	184	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 198		µg/kg dry	198	62.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			PCB										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 186		µg/kg dry	186	93.0	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229090	X
11104-28-2	Aroclor-1221	< 186		µg/kg dry	186	168	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 186		µg/kg dry	186	120	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 186		µg/kg dry	186	110	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 186		µg/kg dry	186	91.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 186		µg/kg dry	186	137	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 186		µg/kg dry	186	71.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 186		µg/kg dry	186	173	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 186		µg/kg dry	186	58.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228695	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
3A SB60132-07	183572.4445.0710	Caulk/Glaze	06-Nov-12 10:11	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 190		µg/kg dry	190	95.2	1	SW846 8082A	19-Nov-12	21-Nov-12	IMR	1228470	X
11104-28-2	Aroclor-1221	< 190		µg/kg dry	190	172	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 190		µg/kg dry	190	122	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 190		µg/kg dry	190	112	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 190		µg/kg dry	190	93.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 190		µg/kg dry	190	140	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 190		µg/kg dry	190	73.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 190		µg/kg dry	190	177	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 190		µg/kg dry	190	59.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			PCB										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 194		µg/kg dry	194	96.9	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229090	X
[illegible]-2	Aroclor-1221	< 194		µg/kg dry	194	175	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 194		µg/kg dry	194	124	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 194		µg/kg dry	194	114	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 194		µg/kg dry	194	95.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 194		µg/kg dry	194	142	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 194		µg/kg dry	194	74.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 194		µg/kg dry	194	181	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 194		µg/kg dry	194	60.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.8		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228695	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
3B SB60132-08	183572.4445.0710	Caulk/Glaze	06-Nov-12 10:15	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 191		µg/kg dry	191	95.5	1	SW846 8082A	19-Nov-12	21-Nov-12	IMR	1228470	X
11104-28-2	Aroclor-1221	< 191		µg/kg dry	191	172	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 191		µg/kg dry	191	123	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 191		µg/kg dry	191	113	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 191		µg/kg dry	191	93.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 191		µg/kg dry	191	140	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 191		µg/kg dry	191	73.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 191		µg/kg dry	191	178	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 191		µg/kg dry	191	60.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			PCB										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 197		µg/kg dry	197	98.4	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229090	X
11104-28-2	Aroclor-1221	< 197		µg/kg dry	197	177	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 197		µg/kg dry	197	126	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 197		µg/kg dry	197	116	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 197		µg/kg dry	197	96.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 197		µg/kg dry	197	144	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 197		µg/kg dry	197	75.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 197		µg/kg dry	197	183	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 197		µg/kg dry	197	61.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.1		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228695	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
3C SB60132-09	183572.4445.0710	Caulk/Glaze	06-Nov-12 10:20	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 178		µg/kg dry	178	89.1	1	SW846 8082A	19-Nov-12	21-Nov-12	IMR	1228470	X
11104-28-2	Aroclor-1221	< 178		µg/kg dry	178	161	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 178		µg/kg dry	178	114	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 178		µg/kg dry	178	105	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 178		µg/kg dry	178	87.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 178		µg/kg dry	178	131	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 178		µg/kg dry	178	68.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 178		µg/kg dry	178	166	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 178		µg/kg dry	178	56.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			PCB										
Prepared by method SW846 3540C													
[illegible]11-2	Aroclor-1016	< 173		µg/kg dry	173	86.6	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229090	X
[illegible]28-2	Aroclor-1221	< 173		µg/kg dry	173	156	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 173		µg/kg dry	173	111	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 173		µg/kg dry	173	102	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 173		µg/kg dry	173	85.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 173		µg/kg dry	173	127	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 173		µg/kg dry	173	66.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 173		µg/kg dry	173	161	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 173		µg/kg dry	173	54.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.8		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228695	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
4A SB60132-10	183572.4445.0710	Caulk/Glaze	06-Nov-12 10:43	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 400		µg/kg dry	400	200	1	SW846 8082A	19-Nov-12	21-Nov-12	IMR	1228470	X
11104-28-2	Aroclor-1221	< 400		µg/kg dry	400	360	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 400		µg/kg dry	400	257	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 400		µg/kg dry	400	235	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 400		µg/kg dry	400	196	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 400		µg/kg dry	400	293	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 400		µg/kg dry	400	153	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 400		µg/kg dry	400	372	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 400		µg/kg dry	400	125	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*140*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			PCB, R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 385		µg/kg dry	385	192	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229090	X
11104-28-2	Aroclor-1221	< 385		µg/kg dry	385	347	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 385		µg/kg dry	385	247	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 385		µg/kg dry	385	227	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 385		µg/kg dry	385	189	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 385		µg/kg dry	385	283	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 385		µg/kg dry	385	148	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 385		µg/kg dry	385	359	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 385		µg/kg dry	385	121	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.4		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228695	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
4B SB60132-11	183572.4445.0710	Caulk/Glaze	14-Nov-12 08:50	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 202		µg/kg dry	202	101	1	SW846 8082A	20-Nov-12	22-Nov-12	BLM	1228591	X
11104-28-2	Aroclor-1221	< 202		µg/kg dry	202	182	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 202		µg/kg dry	202	130	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 202		µg/kg dry	202	119	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	577		µg/kg dry	202	99.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,050		µg/kg dry	202	148	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	496		µg/kg dry	202	90.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 202		µg/kg dry	202	188	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 202		µg/kg dry	202	63.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 201		µg/kg dry	201	100	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229090	X
[illegible]28-2	Aroclor-1221	< 201		µg/kg dry	201	181	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 201		µg/kg dry	201	129	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 201		µg/kg dry	201	118	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	664		µg/kg dry	201	98.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	895		µg/kg dry	201	85.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	322		µg/kg dry	201	89.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 201		µg/kg dry	201	187	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 201		µg/kg dry	201	63.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.4		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228695	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
4C	183572.4445.0710	Caulk/Glaze	14-Nov-12 08:50	15-Nov-12
SB60132-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 195		µg/kg dry	195	97.6	1	SW846 8082A	20-Nov-12	22-Nov-12	BLM	1228591	X
11104-28-2	Aroclor-1221	< 195		µg/kg dry	195	176	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 195		µg/kg dry	195	125	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 195		µg/kg dry	195	115	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 195		µg/kg dry	195	95.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 195		µg/kg dry	195	143	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 195		µg/kg dry	195	74.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 195		µg/kg dry	195	182	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 195		µg/kg dry	195	61.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 183		µg/kg dry	183	91.3	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229090	X
11104-28-2	Aroclor-1221	< 183		µg/kg dry	183	165	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 183		µg/kg dry	183	117	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 183		µg/kg dry	183	108	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 183		µg/kg dry	183	89.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 183		µg/kg dry	183	134	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 183		µg/kg dry	183	70.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 183		µg/kg dry	183	170	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 183		µg/kg dry	183	57.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228695	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
05A SB60132-13	183572.4445.0710	Caulk/Glaze	06-Nov-12 11:48	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 201		µg/kg dry	201	101	1	SW846 8082A	20-Nov-12	22-Nov-12	BLM	1228591	X
11104-28-2	Aroclor-1221	< 201		µg/kg dry	201	182	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 201		µg/kg dry	201	129	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 201		µg/kg dry	201	119	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 201		µg/kg dry	201	98.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 201		µg/kg dry	201	148	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 201		µg/kg dry	201	77.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 201		µg/kg dry	201	188	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 201		µg/kg dry	201	63.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			PCB										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 188		µg/kg dry	188	94.0	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229090	X
[illegible]28-2	Aroclor-1221	< 188		µg/kg dry	188	169	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 188		µg/kg dry	188	121	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 188		µg/kg dry	188	111	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 188		µg/kg dry	188	92.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 188		µg/kg dry	188	138	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 188		µg/kg dry	188	72.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 188		µg/kg dry	188	175	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 188		µg/kg dry	188	59.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.0		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228695	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
05B	183572.4445.0710	Caulk/Glaze	06-Nov-12 11:57	15-Nov-12
SB60132-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 204		µg/kg dry	204	102	1	SW846 8082A	20-Nov-12	22-Nov-12	BLM	1228591	X
11104-28-2	Aroclor-1221	< 204		µg/kg dry	204	184	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 204		µg/kg dry	204	131	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 204		µg/kg dry	204	120	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 204		µg/kg dry	204	100	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 204		µg/kg dry	204	150	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 204		µg/kg dry	204	78.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 204		µg/kg dry	204	190	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 204		µg/kg dry	204	64.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*140*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			PCB										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 192		µg/kg dry	192	96.1	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229090	X
11104-28-2	Aroclor-1221	< 192		µg/kg dry	192	173	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 192		µg/kg dry	192	123	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 192		µg/kg dry	192	113	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 192		µg/kg dry	192	94.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 192		µg/kg dry	192	141	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 192		µg/kg dry	192	73.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 192		µg/kg dry	192	179	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 192		µg/kg dry	192	60.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.1		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228695	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
06A SP60132-15	183572.4445.0710	Caulk/Glaze	06-Nov-12 13:22	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 39800	D	µg/kg dry	39800	19900	200	SW846 8082A	20-Nov-12	26-Nov-12	BLM	1228591	X
11104-28-2	Aroclor-1221	< 39800	D	µg/kg dry	39800	35900	200	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 39800	D	µg/kg dry	39800	25600	200	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 39800	D	µg/kg dry	39800	23400	200	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 39800	D	µg/kg dry	39800	19500	200	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,280,000	D	µg/kg dry	39800	29200	200	"	"	"	"	"	X
11096-82-5	Aroclor-1260	561,000	D	µg/kg dry	39800	15300	200	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 39800	D	µg/kg dry	39800	37100	200	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 39800	D	µg/kg dry	39800	12500	200	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			GS1, PCB										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 40200	D	µg/kg dry	40200	20100	200	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229090	X
11104-28-2	Aroclor-1221	< 40200	D	µg/kg dry	40200	36200	200	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 40200	D	µg/kg dry	40200	25800	200	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 40200	D	µg/kg dry	40200	23700	200	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 40200	D	µg/kg dry	40200	19700	200	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,850,000	D	µg/kg dry	40200	17000	200	"	"	"	"	"	X
11096-82-5	Aroclor-1260	578,000	D	µg/kg dry	40200	17900	200	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 40200	D	µg/kg dry	40200	37400	200	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 40200	D	µg/kg dry	40200	12600	200	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.7		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228695	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
06B	183572.4445.0710	Caulk/Glaze	06-Nov-12 13:34	15-Nov-12
SB60132-16				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 205000	D	µg/kg dry	205000	102000	1000	SW846 8082A	20-Nov-12	26-Nov-12	BLM	1228591	X
11104-28-2	Aroclor-1221	< 205000	D	µg/kg dry	205000	185000	1000	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 205000	D	µg/kg dry	205000	132000	1000	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 205000	D	µg/kg dry	205000	121000	1000	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 205000	D	µg/kg dry	205000	101000	1000	"	"	"	"	"	X
11097-69-1	Aroclor-1254	3,020,000	D	µg/kg dry	205000	150000	1000	"	"	"	"	"	X
11096-82-5	Aroclor-1260	4,070,000	D	µg/kg dry	205000	78600	1000	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 205000	D	µg/kg dry	205000	191000	1000	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 205000	D	µg/kg dry	205000	64400	1000	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			GS1, PCB										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 204000	D	µg/kg dry	204000	102000	1000	SW846 8082A	27-Nov-12	29-Nov-12	IMR	1229090	X
11104-28-2	Aroclor-1221	< 204000	D	µg/kg dry	204000	184000	1000	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 204000	D	µg/kg dry	204000	131000	1000	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 204000	D	µg/kg dry	204000	120000	1000	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 204000	D	µg/kg dry	204000	100000	1000	"	"	"	"	"	X
11097-69-1	Aroclor-1254	7,460,000	D	µg/kg dry	204000	86700	1000	"	"	"	"	"	X
11096-82-5	Aroclor-1260	10,500,000	D	µg/kg dry	204000	91200	1000	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 204000	D	µg/kg dry	204000	190000	1000	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 204000	D	µg/kg dry	204000	64200	1000	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.9		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228695	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
06C SB60132-17	183572.4445.0710	Caulk/Glaze	06-Nov-12 13:58	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 2030	D	µg/kg dry	2030	1010	10	SW846 8082A	20-Nov-12	26-Nov-12	BLM	1228591	X
11104-28-2	Aroclor-1221	< 2030	D	µg/kg dry	2030	1830	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 2030	D	µg/kg dry	2030	1300	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 2030	D	µg/kg dry	2030	1190	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	71,000	D	µg/kg dry	2030	995	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	43,900	D	µg/kg dry	2030	860	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	4,460	D	µg/kg dry	2030	905	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 2030	D	µg/kg dry	2030	1890	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 2030	D	µg/kg dry	2030	636	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			GS1, PCB										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1970	D	µg/kg dry	1970	982	10	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229090	X
[illegible]8-2	Aroclor-1221	< 1970	D	µg/kg dry	1970	1770	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1970	D	µg/kg dry	1970	1260	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1970	D	µg/kg dry	1970	1160	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	13,500	D	µg/kg dry	1970	797	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	30,100	D	µg/kg dry	1970	1440	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	2,750	D	µg/kg dry	1970	878	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1970	D	µg/kg dry	1970	1830	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1970	D	µg/kg dry	1970	617	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.3		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228695	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
07A SB60132-18	183572.4445.0710	Caulk/Glaze	06-Nov-12 14:13	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 2000	D	µg/kg dry	2000	1000	10	SW846 8082A	20-Nov-12	22-Nov-12	BLM	1228591	X
11104-28-2	Aroclor-1221	< 2000	D	µg/kg dry	2000	1810	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 2000	D	µg/kg dry	2000	1290	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 2000	D	µg/kg dry	2000	1180	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 2000	D	µg/kg dry	2000	983	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 2000	D	µg/kg dry	2000	1470	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 2000	D	µg/kg dry	2000	768	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 2000	D	µg/kg dry	2000	1870	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 2000	D	µg/kg dry	2000	629	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*1200*	S02		*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			PCB										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1990	R01, D	µg/kg dry	1990	996	10	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229090	X
11104-28-2	Aroclor-1221	< 1990	R01, D	µg/kg dry	1990	1800	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1990	R01, D	µg/kg dry	1990	1280	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1990	R01, D	µg/kg dry	1990	1170	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1990	R01, D	µg/kg dry	1990	978	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 1990	R01, D	µg/kg dry	1990	1460	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1990	R01, D	µg/kg dry	1990	764	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1990	R01, D	µg/kg dry	1990	1860	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1990	R01, D	µg/kg dry	1990	626	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*150*	R01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*150*	R01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*	R01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*	R01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.6		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228695	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
07B SB60132-19	183572.4445.0710	Caulk/Glaze	06-Nov-12 14:17	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 197		µg/kg dry	197	98.4	1	SW846 8082A	20-Nov-12	22-Nov-12	BLM	1228591	X
11104-28-2	Aroclor-1221	< 197		µg/kg dry	197	177	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 197		µg/kg dry	197	126	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 197		µg/kg dry	197	116	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	896		µg/kg dry	197	96.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,660		µg/kg dry	197	83.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	414		µg/kg dry	197	87.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 197		µg/kg dry	197	184	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 197		µg/kg dry	197	61.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*68*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*68*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*83*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			PCB, R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1010		µg/kg dry	1010	503	1	SW846 8082A	30-Nov-12	01-Dec-12	IMR	1229513	X
[illegible]-2	Aroclor-1221	< 1010		µg/kg dry	1010	908	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1010		µg/kg dry	1010	647	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1010		µg/kg dry	1010	593	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1010		µg/kg dry	1010	494	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 1010		µg/kg dry	1010	739	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1010		µg/kg dry	1010	366	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1010		µg/kg dry	1010	938	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1010		µg/kg dry	1010	316	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228695	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
08A SB60132-20	183572.4445.0710	Caulk/Glaze	06-Nov-12 14:31	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 195		µg/kg dry	195	97.4	1	SW846 8082A	20-Nov-12	22-Nov-12	BLM	1228591	X
11104-28-2	Aroclor-1221	< 195		µg/kg dry	195	176	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 195		µg/kg dry	195	125	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 195		µg/kg dry	195	115	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	1,900		µg/kg dry	195	95.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	2,200		µg/kg dry	195	82.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 975	R01	µg/kg dry	975	374	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 975	R01	µg/kg dry	975	908	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 975	R01	µg/kg dry	975	306	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			PCB										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 193		µg/kg dry	193	96.4	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229090	X
11104-28-2	Aroclor-1221	< 193		µg/kg dry	193	174	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 193		µg/kg dry	193	124	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 193		µg/kg dry	193	114	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	2,250		µg/kg dry	193	78.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,390		µg/kg dry	193	81.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 965	R01	µg/kg dry	965	370	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 965	R01	µg/kg dry	965	899	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 965	R01	µg/kg dry	965	303	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*	R01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*	R01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*	R01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*270*	R01, S02		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.5		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228695	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
08B SB60132-21	183572.4445.0710	Caulk/Glaze	06-Nov-12 14:45	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 192		µg/kg dry	192	96.0	1	SW846 8082A	20-Nov-12	22-Nov-12	BLM	1228591	X
11104-28-2	Aroclor-1221	< 192		µg/kg dry	192	173	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 192		µg/kg dry	192	123	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 192		µg/kg dry	192	113	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	1,490		µg/kg dry	192	94.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	2,670		µg/kg dry	192	81.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 961	R01	µg/kg dry	961	368	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 961	R01	µg/kg dry	961	895	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 961	R01	µg/kg dry	961	302	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*185*	S02		*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
[illegible]-11-2	Aroclor-1016	< 190		µg/kg dry	190	95.0	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229091	X
[illegible]28-2	Aroclor-1221	< 190		µg/kg dry	190	171	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 190		µg/kg dry	190	122	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 190		µg/kg dry	190	112	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	2,230		µg/kg dry	190	77.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,290		µg/kg dry	190	80.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 950	R01	µg/kg dry	950	364	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 950	R01	µg/kg dry	950	885	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 950	R01	µg/kg dry	950	298	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*350*	S02		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.1		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228696	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
09A	183572.4445.0710	Caulk/Glaze	06-Nov-12 15:03	15-Nov-12
SB60132-22				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 200		µg/kg dry	200	99.9	1	SW846 8082A	20-Nov-12	22-Nov-12	BLM	1228591	X
11104-28-2	Aroclor-1221	< 200		µg/kg dry	200	180	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 200		µg/kg dry	200	128	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 200		µg/kg dry	200	118	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 200		µg/kg dry	200	98.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 200		µg/kg dry	200	147	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 400	R01	µg/kg dry	400	153	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 400	R01	µg/kg dry	400	372	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 400	R01	µg/kg dry	400	126	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 198		µg/kg dry	198	98.8	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229091	X
11104-28-2	Aroclor-1221	< 198		µg/kg dry	198	178	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 198		µg/kg dry	198	127	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 198		µg/kg dry	198	116	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 198		µg/kg dry	198	97.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 198		µg/kg dry	198	145	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 198		µg/kg dry	198	75.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 198		µg/kg dry	198	184	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 198		µg/kg dry	198	62.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228696	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
09B SB60132-23	183572.4445.0710	Caulk/Glaze	06-Nov-12 15:00	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 200		µg/kg dry	200	99.8	1	SW846 8082A	20-Nov-12	22-Nov-12	BLM	1228591	X
11104-28-2	Aroclor-1221	< 200		µg/kg dry	200	180	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 200		µg/kg dry	200	128	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 200		µg/kg dry	200	118	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 200		µg/kg dry	200	98.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 200		µg/kg dry	200	147	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 400	R01	µg/kg dry	400	153	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 400	R01	µg/kg dry	400	372	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 400	R01	µg/kg dry	400	125	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 186		µg/kg dry	186	92.7	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229091	X
[illegible]8-2	Aroclor-1221	< 186		µg/kg dry	186	167	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 186		µg/kg dry	186	119	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 186		µg/kg dry	186	109	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 186		µg/kg dry	186	91.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 186		µg/kg dry	186	136	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 186		µg/kg dry	186	71.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 186		µg/kg dry	186	173	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 186		µg/kg dry	186	58.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228696	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
09C SB60132-24	183572.4445.0710	Caulk/Glaze	06-Nov-12 15:07	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 197		µg/kg dry	197	98.6	1	SW846 8082A	20-Nov-12	22-Nov-12	BLM	1228591	X
11104-28-2	Aroclor-1221	< 197		µg/kg dry	197	178	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 197		µg/kg dry	197	127	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 197		µg/kg dry	197	116	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 197		µg/kg dry	197	96.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	928		µg/kg dry	197	83.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 197		µg/kg dry	197	75.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 197		µg/kg dry	197	164	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 197		µg/kg dry	197	62.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 187		µg/kg dry	187	93.6	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229091	X
11104-28-2	Aroclor-1221	< 187		µg/kg dry	187	169	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 187		µg/kg dry	187	120	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 187		µg/kg dry	187	110	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 187		µg/kg dry	187	92.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	291		µg/kg dry	187	79.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 187		µg/kg dry	187	71.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 187		µg/kg dry	187	175	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 187		µg/kg dry	187	58.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228696	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
10A SB60132-25	183572.4445.0710	Caulk/Glaze	07-Nov-12 08:06	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 967	R01	µg/kg dry	967	483	1	SW846 8082A	20-Nov-12	22-Nov-12	BLM	1228591	X
11104-28-2	Aroclor-1221	< 967	R01	µg/kg dry	967	871	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 967	R01	µg/kg dry	967	621	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 967	R01	µg/kg dry	967	569	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 967	R01	µg/kg dry	967	474	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 967	R01	µg/kg dry	967	709	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 967	R01	µg/kg dry	967	371	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 967	R01	µg/kg dry	967	900	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 967	R01	µg/kg dry	967	303	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 182		µg/kg dry	182	90.9	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229091	X
[illegible]-2	Aroclor-1221	< 182		µg/kg dry	182	164	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 182		µg/kg dry	182	117	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 182		µg/kg dry	182	107	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 182		µg/kg dry	182	89.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	391		µg/kg dry	182	77.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 182		µg/kg dry	182	69.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 182		µg/kg dry	182	169	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 182		µg/kg dry	182	57.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228696	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
10B	183572.4445.0710	Caulk/Glaze	07-Nov-12 08:13	15-Nov-12
SB60132-26				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 991	R01	µg/kg dry	991	495	1	SW846 8082A	20-Nov-12	22-Nov-12	BLM	1228591	X
11104-28-2	Aroclor-1221	< 991	R01	µg/kg dry	991	893	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 991	R01	µg/kg dry	991	636	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 991	R01	µg/kg dry	991	584	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 991	R01	µg/kg dry	991	486	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 991	R01	µg/kg dry	991	727	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 991	R01	µg/kg dry	991	380	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 991	R01	µg/kg dry	991	923	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 991	R01	µg/kg dry	991	311	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 188		µg/kg dry	188	93.9	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229091	X
11104-28-2	Aroclor-1221	< 188		µg/kg dry	188	169	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 188		µg/kg dry	188	121	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 188		µg/kg dry	188	111	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 188		µg/kg dry	188	92.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	329		µg/kg dry	188	138	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 188		µg/kg dry	188	72.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 188		µg/kg dry	188	175	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 188		µg/kg dry	188	59.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228696	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
10C SD60132-27	183572.4445.0710	Caulk/Glaze	07-Nov-12 08:16	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 992	R01	µg/kg dry	992	496	1	SW846 8082A	20-Nov-12	22-Nov-12	BLM	1228591	X
11104-28-2	Aroclor-1221	< 992	R01	µg/kg dry	992	894	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 992	R01	µg/kg dry	992	637	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 992	R01	µg/kg dry	992	584	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 992	R01	µg/kg dry	992	487	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 992	R01	µg/kg dry	992	728	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 992	R01	µg/kg dry	992	380	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 992	R01	µg/kg dry	992	924	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 992	R01	µg/kg dry	992	311	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
[illegible]-11-2	Aroclor-1016	< 195		µg/kg dry	195	97.2	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229091	X
[illegible]8-2	Aroclor-1221	< 195		µg/kg dry	195	175	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 195		µg/kg dry	195	125	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 195		µg/kg dry	195	115	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 195		µg/kg dry	195	95.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	457		µg/kg dry	195	82.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 195		µg/kg dry	195	74.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 195		µg/kg dry	195	181	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 195		µg/kg dry	195	61.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*140*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228696	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
11A SB60132-28	183572.4445.0710	Caulk/Glaze	07-Nov-12 08:21	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 201		µg/kg dry	201	101	1	SW846 8082A	20-Nov-12	21-Nov-12	IMR	1228664	X
11104-28-2	Aroclor-1221	< 201		µg/kg dry	201	181	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 201		µg/kg dry	201	129	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 201		µg/kg dry	201	119	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 201		µg/kg dry	201	98.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	423		µg/kg dry	201	85.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 201		µg/kg dry	201	77.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 201		µg/kg dry	201	188	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 201		µg/kg dry	201	63.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 192		µg/kg dry	192	96.0	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229091	X
11104-28-2	Aroclor-1221	< 192		µg/kg dry	192	173	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 192		µg/kg dry	192	123	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 192		µg/kg dry	192	113	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 192		µg/kg dry	192	94.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	384		µg/kg dry	192	81.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 192		µg/kg dry	192	73.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 192		µg/kg dry	192	179	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 192		µg/kg dry	192	60.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.0		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228696	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
11B SD60132-29	183572.4445.0710	Caulk/Glaze	07-Nov-12 08:24	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 181		µg/kg dry	181	90.5	1	SW846 8082A	20-Nov-12	21-Nov-12	IMR	1228664	X
11104-28-2	Aroclor-1221	< 181		µg/kg dry	181	163	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 181		µg/kg dry	181	116	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 181		µg/kg dry	181	107	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 181		µg/kg dry	181	88.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	498		µg/kg dry	181	133	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 181		µg/kg dry	181	69.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 181		µg/kg dry	181	169	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 181		µg/kg dry	181	56.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
[illegible]-11-2	Aroclor-1016	< 167		µg/kg dry	167	83.6	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229091	X
[illegible]-28-2	Aroclor-1221	< 167		µg/kg dry	167	151	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 167		µg/kg dry	167	107	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 167		µg/kg dry	167	98.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 167		µg/kg dry	167	82.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	334		µg/kg dry	167	71.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 167		µg/kg dry	167	64.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 167		µg/kg dry	167	156	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 167		µg/kg dry	167	52.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228696	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
11C SB60132-30	183572.4445.0710	Caulk/Glaze	07-Nov-12 08:25	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 195		µg/kg dry	195	97.6	1	SW846 8082A	20-Nov-12	21-Nov-12	IMR	1228664	X
11104-28-2	Aroclor-1221	< 195		µg/kg dry	195	176	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 195		µg/kg dry	195	125	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 195		µg/kg dry	195	115	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 195		µg/kg dry	195	95.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	498		µg/kg dry	195	143	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 195		µg/kg dry	195	74.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 195		µg/kg dry	195	182	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 195		µg/kg dry	195	61.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 194		µg/kg dry	194	96.8	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229091	X
11104-28-2	Aroclor-1221	< 194		µg/kg dry	194	174	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 194		µg/kg dry	194	124	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 194		µg/kg dry	194	114	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 194		µg/kg dry	194	95.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	504		µg/kg dry	194	82.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 194		µg/kg dry	194	74.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 194		µg/kg dry	194	180	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 194		µg/kg dry	194	60.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.7		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228696	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
12A SB60132-31	183572.4445.0710	Caulk/Glaze	07-Nov-12 08:53	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 2040	D	µg/kg dry	2040	1020	10	SW846 8082A	20-Nov-12	21-Nov-12	IMR	1228664	X
11104-28-2	Aroclor-1221	< 2040	D	µg/kg dry	2040	1830	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 2040	D	µg/kg dry	2040	1310	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 2040	D	µg/kg dry	2040	1200	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 2040	D	µg/kg dry	2040	999	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 2040	D	µg/kg dry	2040	1490	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 2040	D	µg/kg dry	2040	780	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 2040	D	µg/kg dry	2040	1900	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 2040	D	µg/kg dry	2040	639	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1970	D	µg/kg dry	1970	987	10	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229091	X
[illegible]8-2	Aroclor-1221	< 1970	D	µg/kg dry	1970	1780	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1970	D	µg/kg dry	1970	1270	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1970	D	µg/kg dry	1970	1160	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1970	D	µg/kg dry	1970	969	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 1970	D	µg/kg dry	1970	1450	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1970	D	µg/kg dry	1970	757	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1970	D	µg/kg dry	1970	1840	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1970	D	µg/kg dry	1970	620	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.1		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228696	

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* Reportable Detection Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
12B	183572.4445.0710	Caulk/Glaze	07-Nov-12 08:55	15-Nov-12
SB60132-32				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 1990	D	µg/kg dry	1990	996	10	SW846 8082A	20-Nov-12	21-Nov-12	IMR	1228664	X
11104-28-2	Aroclor-1221	< 1990	D	µg/kg dry	1990	1800	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1990	D	µg/kg dry	1990	1280	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1990	D	µg/kg dry	1990	1170	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1990	D	µg/kg dry	1990	978	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 1990	D	µg/kg dry	1990	1460	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1990	D	µg/kg dry	1990	764	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1990	D	µg/kg dry	1990	1860	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1990	D	µg/kg dry	1990	626	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1920	D	µg/kg dry	1920	961	10	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229091	X
11104-28-2	Aroclor-1221	< 1920	D	µg/kg dry	1920	1730	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1920	D	µg/kg dry	1920	1230	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1920	D	µg/kg dry	1920	1130	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1920	D	µg/kg dry	1920	944	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 1920	D	µg/kg dry	1920	1410	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1920	D	µg/kg dry	1920	737	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1920	D	µg/kg dry	1920	1790	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1920	D	µg/kg dry	1920	604	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.7		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228696	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
13A SB60132-33	183572.4445.0710	Caulk/Glaze	07-Nov-12 09:56	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 1870	D	µg/kg dry	1870	933	10	SW846 8082A	20-Nov-12	26-Nov-12	IMR	1228664	X
11104-28-2	Aroclor-1221	< 1870	D	µg/kg dry	1870	1680	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1870	D	µg/kg dry	1870	1200	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1870	D	µg/kg dry	1870	1100	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1870	D	µg/kg dry	1870	916	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	89,300	D	µg/kg dry	1870	1370	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1870	D	µg/kg dry	1870	715	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1870	D	µg/kg dry	1870	1740	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1870	D	µg/kg dry	1870	586	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1700	D	µg/kg dry	1700	848	10	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229091	X
11104-28-2	Aroclor-1221	< 1700	D	µg/kg dry	1700	1530	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1700	D	µg/kg dry	1700	1090	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1700	D	µg/kg dry	1700	999	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1700	D	µg/kg dry	1700	832	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	84,500	D	µg/kg dry	1700	720	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1700	D	µg/kg dry	1700	650	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1700	D	µg/kg dry	1700	1580	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1700	D	µg/kg dry	1700	533	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.4		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228696	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
13B SB60132-34	183572.4445.0710	Caulk/Glaze	07-Nov-12 09:58	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 1950	D	µg/kg dry	1950	976	10	SW846 8082A	20-Nov-12	26-Nov-12	IMR	1228664	X
11104-28-2	Aroclor-1221	< 1950	D	µg/kg dry	1950	1760	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1950	D	µg/kg dry	1950	1250	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1950	D	µg/kg dry	1950	1150	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1950	D	µg/kg dry	1950	958	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**100,000**	D	µg/kg dry	1950	1430	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1950	D	µg/kg dry	1950	749	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1950	D	µg/kg dry	1950	1820	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1950	D	µg/kg dry	1950	613	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1720	D	µg/kg dry	1720	859	10	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229091	X
11104-28-2	Aroclor-1221	< 1720	D	µg/kg dry	1720	1550	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1720	D	µg/kg dry	1720	1100	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1720	D	µg/kg dry	1720	1010	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1720	D	µg/kg dry	1720	843	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**102,000**	D	µg/kg dry	1720	729	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1720	D	µg/kg dry	1720	659	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1720	D	µg/kg dry	1720	1600	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1720	D	µg/kg dry	1720	540	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**97.7**		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228696	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
13C SB60132-35	183572.4445.0710	Caulk/Glaze	07-Nov-12 10:00	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 1970	D	µg/kg dry	1970	985	10	SW846 8082A	20-Nov-12	26-Nov-12	IMR	1228664	X
11104-28-2	Aroclor-1221	< 1970	D	µg/kg dry	1970	1780	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1970	D	µg/kg dry	1970	1270	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1970	D	µg/kg dry	1970	1160	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1970	D	µg/kg dry	1970	968	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**128,000**	D	µg/kg dry	1970	837	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1970	D	µg/kg dry	1970	756	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1970	D	µg/kg dry	1970	1840	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1970	D	µg/kg dry	1970	619	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1900	D	µg/kg dry	1900	949	10	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229091	X
[illegible]-2	Aroclor-1221	< 1900	D	µg/kg dry	1900	1710	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1900	D	µg/kg dry	1900	1220	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1900	D	µg/kg dry	1900	1120	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1900	D	µg/kg dry	1900	932	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**133,000**	D	µg/kg dry	1900	806	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1900	D	µg/kg dry	1900	728	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1900	D	µg/kg dry	1900	1770	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1900	D	µg/kg dry	1900	596	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**97.9**		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228696	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
14A SB60132-36	183572.4445.0710	Caulk/Glaze	07-Nov-12 10:33	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 195		µg/kg dry	195	97.3	1	SW846 8082A	20-Nov-12	22-Nov-12	IMR	1228664	X
11104-28-2	Aroclor-1221	< 195		µg/kg dry	195	176	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 195		µg/kg dry	195	125	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 195		µg/kg dry	195	115	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 195		µg/kg dry	195	95.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 195		µg/kg dry	195	143	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 195		µg/kg dry	195	74.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 195		µg/kg dry	195	181	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 195		µg/kg dry	195	61.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*135*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*2900*	S02		*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 392		µg/kg dry	392	196	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229091	X
11104-28-2	Aroclor-1221	< 392		µg/kg dry	392	353	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 392		µg/kg dry	392	252	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 392		µg/kg dry	392	231	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 392		µg/kg dry	392	192	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 392		µg/kg dry	392	287	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 392		µg/kg dry	392	150	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 392		µg/kg dry	392	365	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 392		µg/kg dry	392	123	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228696	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
14B SB60132-37	183572.4445.0710	Caulk/Glaze	07-Nov-12 10:36	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 199		µg/kg dry	199	99.3	1	SW846 8082A	20-Nov-12	22-Nov-12	IMR	1228664	X
11104-28-2	Aroclor-1221	< 199		µg/kg dry	199	179	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 199		µg/kg dry	199	128	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 199		µg/kg dry	199	117	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 199		µg/kg dry	199	97.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 199		µg/kg dry	199	146	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 199		µg/kg dry	199	76.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 199		µg/kg dry	199	185	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 199		µg/kg dry	199	62.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 388		µg/kg dry	388	194	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229091	X
[illegible]-28-2	Aroclor-1221	< 388		µg/kg dry	388	350	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 388		µg/kg dry	388	249	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 388		µg/kg dry	388	229	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 388		µg/kg dry	388	190	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 388		µg/kg dry	388	285	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 388		µg/kg dry	388	149	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 388		µg/kg dry	388	362	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 388		µg/kg dry	388	122	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.5		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228696	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
14C SB60132-38	183572.4445.0710	Caulk/Glaze	07-Nov-12 10:40	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 932		µg/kg dry	932	465	1	SW846 8082A	20-Nov-12	22-Nov-12	IMR	1228664	X
11104-28-2	Aroclor-1221	< 932		µg/kg dry	932	839	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 932		µg/kg dry	932	598	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 932		µg/kg dry	932	549	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 932		µg/kg dry	932	457	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 932		µg/kg dry	932	663	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 932		µg/kg dry	932	357	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 932		µg/kg dry	932	868	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 932		µg/kg dry	932	293	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*35*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 898		µg/kg dry	898	449	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229091	X
11104-28-2	Aroclor-1221	< 898		µg/kg dry	898	809	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 898		µg/kg dry	898	577	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 898		µg/kg dry	898	529	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 898		µg/kg dry	898	441	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 898		µg/kg dry	898	659	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 898		µg/kg dry	898	344	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 898		µg/kg dry	898	837	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 898		µg/kg dry	898	282	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228696	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
15A SR60132-39	183572.4445.0710	Caulk/Glaze	07-Nov-12 11:22	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 199		µg/kg dry	199	99.2	1	SW846 8082A	20-Nov-12	22-Nov-12	IMR	1228664	X
11104-28-2	Aroclor-1221	< 199		µg/kg dry	199	179	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 199		µg/kg dry	199	128	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 199		µg/kg dry	199	117	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 199		µg/kg dry	199	97.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,220		µg/kg dry	199	84.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 199		µg/kg dry	199	76.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 199		µg/kg dry	199	185	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 199		µg/kg dry	199	62.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			PCB										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 192		µg/kg dry	192	95.9	1	SW846 8082A	30-Nov-12	01-Dec-12	IMR	1229513	X
11104-28-2	Aroclor-1221	< 192		µg/kg dry	192	173	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 192		µg/kg dry	192	123	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 192		µg/kg dry	192	113	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 192		µg/kg dry	192	94.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	787		µg/kg dry	192	141	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 192		µg/kg dry	192	73.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 192		µg/kg dry	192	179	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 192		µg/kg dry	192	60.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*140*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228696	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
15B SB60I32-40	183572.4445.0710	Caulk/Glaze	07-Nov-12 11:25	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 185		µg/kg dry	185	92.6	1	SW846 8082A	20-Nov-12	22-Nov-12	IMR	1228664	X
11104-28-2	Aroclor-1221	< 185		µg/kg dry	185	167	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 185		µg/kg dry	185	119	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 185		µg/kg dry	185	109	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 185		µg/kg dry	185	90.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	899		µg/kg dry	185	78.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 185		µg/kg dry	185	71.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 185		µg/kg dry	185	173	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 185		µg/kg dry	185	58.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*78*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*83*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 154		µg/kg dry	154	77.2	1	SW846 8082A	27-Nov-12	28-Nov-12	IMR	1229091	X
11104-28-2	Aroclor-1221	< 154		µg/kg dry	154	139	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 154		µg/kg dry	154	99.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 154		µg/kg dry	154	91.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 154		µg/kg dry	154	75.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	402		µg/kg dry	154	65.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 154		µg/kg dry	154	59.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 154		µg/kg dry	154	144	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 154		µg/kg dry	154	48.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228696	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
15C SB60132-41	183572.4445.0710	Caulk/Glaze	07-Nov-12 11:30	15-Nov-12

No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 195		µg/kg dry	195	97.6	1	SW846 8082A	20-Nov-12	22-Nov-12	IMR	1228664	X
11104-28-2	Aroclor-1221	< 195		µg/kg dry	195	176	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 195		µg/kg dry	195	125	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 195		µg/kg dry	195	115	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 195		µg/kg dry	195	95.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,230		µg/kg dry	195	82.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 195		µg/kg dry	195	74.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 195		µg/kg dry	195	182	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 195		µg/kg dry	195	61.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*145*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			PCB										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 188		µg/kg dry	188	94.1	1	SW846 8082A	27-Nov-12	28-Nov-12	BLM	1229092	X
[illegible]-2	Aroclor-1221	< 188		µg/kg dry	188	170	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 188		µg/kg dry	188	121	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 188		µg/kg dry	188	111	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 188		µg/kg dry	188	92.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	998		µg/kg dry	188	79.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 188		µg/kg dry	188	72.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 188		µg/kg dry	188	175	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 188		µg/kg dry	188	59.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228697	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
16A SB60132-42	183572.4445.0710	Caulk/Glaze	07-Nov-12 11:37	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 190		µg/kg dry	190	94.8	1	SW846 8082A	20-Nov-12	22-Nov-12	IMR	1228664	X
11104-28-2	Aroclor-1221	< 190		µg/kg dry	190	171	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 190		µg/kg dry	190	122	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 190		µg/kg dry	190	112	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	5,570		µg/kg dry	190	76.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	4,100		µg/kg dry	190	80.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	484		µg/kg dry	190	72.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 190		µg/kg dry	190	177	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 190		µg/kg dry	190	59.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			PCB										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 992	R01	µg/kg dry	992	496	1	SW846 8082A	30-Nov-12	01-Dec-12	IMR	1229513	X
11104-28-2	Aroclor-1221	< 992	R01	µg/kg dry	992	894	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 992	R01	µg/kg dry	992	637	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 992	R01	µg/kg dry	992	584	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 992	R01	µg/kg dry	992	487	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	7,710		µg/kg dry	198	146	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	893		µg/kg dry	198	88.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 198		µg/kg dry	198	185	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 198		µg/kg dry	198	62.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228697	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
16B SP60132-43	183572.4445.0710	Caulk/Glaze	07-Nov-12 11:39	15-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3545A													
12674-11-2	Aroclor-1016	< 203		µg/kg dry	203	101	1	SW846 8082A	20-Nov-12	22-Nov-12	IMR	1228664	X
11104-28-2	Aroclor-1221	< 203		µg/kg dry	203	183	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 203		µg/kg dry	203	130	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 203		µg/kg dry	203	120	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 203		µg/kg dry	203	99.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	203		µg/kg dry	203	86.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	305		µg/kg dry	203	77.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 203		µg/kg dry	203	189	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 203		µg/kg dry	203	63.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
Re-analysis of Polychlorinated Biphenyls			PCB										
Prepared by method SW846 3540C													
[illegible]11-2	Aroclor-1016	< 201		µg/kg dry	201	101	1	SW846 8082A	27-Nov-12	29-Nov-12	BLM	1229092	X
[illegible]8-2	Aroclor-1221	< 201		µg/kg dry	201	181	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 201		µg/kg dry	201	129	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 201		µg/kg dry	201	119	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 201		µg/kg dry	201	98.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	685		µg/kg dry	201	85.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 403	R01	µg/kg dry	403	154	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 403	R01	µg/kg dry	403	375	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 403	R01	µg/kg dry	403	127	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*625*	S02		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.3		%			1	SM2540 G Mod.	20-Nov-12	20-Nov-12	DT	1228697	

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Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1228470 - SW846 3545A										
Blank (1228470-BLK1)					Prepared: 19-Nov-12 Analyzed: 20-Nov-12					
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*27.0*		µg/kg wet		*20.0*		*135*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
LCS (1228470-BS1)					Prepared: 19-Nov-12 Analyzed: 20-Nov-12					
Aroclor-1016	**244**		µg/kg wet	20.0	250		98	40-140		
Aroclor-1016 [2C]	**281**		µg/kg wet	20.0	250		112	40-140		
Aroclor-1260	**245**		µg/kg wet	20.0	250		98	40-140		
Aroclor-1260 [2C]	**241**		µg/kg wet	20.0	250		96	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*24.0*		µg/kg wet		*20.0*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
LCS Dup (1228470-BSD1)					Prepared: 19-Nov-12 Analyzed: 20-Nov-12					
Aroclor-1016	**249**		µg/kg wet	20.0	250		100	40-140	2	30
Aroclor-1016 [2C]	**280**		µg/kg wet	20.0	250		112	40-140	0.4	30
Aroclor-1260	**249**		µg/kg wet	20.0	250		100	40-140	2	30
Aroclor-1260 [2C]	**240**		µg/kg wet	20.0	250		96	40-140	0.4	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*25.0*		µg/kg wet		*20.0*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Batch 1228591 - SW846 3545A										
Blank (1228591-BLK1)					Prepared & Analyzed: 20-Nov-12					
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1228591 - SW846 3545A										
Blank (1228591-BLK1)						Prepared & Analyzed: 20-Nov-12				
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*25.0*		µg/kg wet		*20.0*		*125*	*30-150*		
LCS (1228591-BS1)						Prepared & Analyzed: 20-Nov-12				
Aroclor-1016	**239**		µg/kg wet	20.0	250		96	40-140		
Aroclor-1016 [2C]	**248**		µg/kg wet	20.0	250		99	40-140		
Aroclor-1260	**215**		µg/kg wet	20.0	250		86	40-140		
Aroclor-1260 [2C]	**184**		µg/kg wet	20.0	250		74	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*24.0*		µg/kg wet		*20.0*		*120*	*30-150*		
LCS Dup (1228591-BSD1)						Prepared & Analyzed: 20-Nov-12				
Aroclor-1016	**242**		µg/kg wet	20.0	250		97	40-140	1	30
Aroclor-1016 [2C]	**250**		µg/kg wet	20.0	250		100	40-140	0.8	30
Aroclor-1260	**216**		µg/kg wet	20.0	250		86	40-140	0.5	30
Aroclor-1260 [2C]	**186**		µg/kg wet	20.0	250		74	40-140	1	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*24.0*		µg/kg wet		*20.0*		*120*	*30-150*		
Batch 1228664 - SW846 3545A										
Blank (1228664-BLK1)						Prepared: 20-Nov-12 Analyzed: 21-Nov-12				
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1228664 - SW846 3545A										
Blank (1228664-BLK1)						Prepared: 20-Nov-12 Analyzed: 21-Nov-12				
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.0*		µg/kg wet		*20.0*		*70*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*15.0*		µg/kg wet		*20.0*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*14.0*		µg/kg wet		*20.0*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
LCS (1228664-BS1)						Prepared: 20-Nov-12 Analyzed: 21-Nov-12				
Aroclor-1016	**230**		µg/kg wet	20.0	250		92	40-140		
Aroclor-1016 [2C]	**245**		µg/kg wet	20.0	250		98	40-140		
Aroclor-1260	**199**		µg/kg wet	20.0	250		80	40-140		
Aroclor-1260 [2C]	**180**		µg/kg wet	20.0	250		72	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
LCS Dup (1228664-BSD1)						Prepared: 20-Nov-12 Analyzed: 21-Nov-12				
Aroclor-1016	**230**		µg/kg wet	20.0	250		92	40-140	0	30
Aroclor-1016 [2C]	**248**		µg/kg wet	20.0	250		99	40-140	1	30
Aroclor-1260	**206**		µg/kg wet	20.0	250		82	40-140	3	30
Aroclor-1260 [2C]	**181**		µg/kg wet	20.0	250		72	40-140	0.6	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
Batch 1229090 - SW846 3540C										
Blank (1229090-BLK1)						Prepared: 27-Nov-12 Analyzed: 28-Nov-12				
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*27.0*		µg/kg wet		*20.0*		*135*	*30-150*		
LCS (1229090-BS1)						Prepared: 27-Nov-12 Analyzed: 28-Nov-12				
Aroclor-1016	**214**		µg/kg wet	20.0	250		86	40-140		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1229090 - SW846 3540C										
LCS (1229090-BS1)					Prepared: 27-Nov-12 Analyzed: 28-Nov-12					
Aroclor-1016 [2C]	**233**		µg/kg wet	20.0	250		93	40-140		
Aroclor-1260	**195**		µg/kg wet	20.0	250		78	40-140		
Aroclor-1260 [2C]	**184**		µg/kg wet	20.0	250		74	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
LCS Dup (1229090-BSD1)					Prepared: 27-Nov-12 Analyzed: 28-Nov-12					
Aroclor-1016	**218**		µg/kg wet	20.0	250		87	40-140	2	30
Aroclor-1016 [2C]	**229**		µg/kg wet	20.0	250		92	40-140	2	30
Aroclor-1260	**194**		µg/kg wet	20.0	250		78	40-140	0.5	30
Aroclor-1260 [2C]	**184**		µg/kg wet	20.0	250		74	40-140	0	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*24.0*		µg/kg wet		*20.0*		*120*	*30-150*		
Duplicate (1229090-DUP1)			**Source: SB60132-12RE1**			Prepared: 27-Nov-12 Analyzed: 28-Nov-12				
Aroclor-1016	< 177		µg/kg dry	177		BRL				30
Aroclor-1016 [2C]	< 177		µg/kg dry	177		BRL				30
Aroclor-1221	< 177		µg/kg dry	177		BRL				30
Aroclor-1221 [2C]	< 177		µg/kg dry	177		BRL				30
Aroclor-1232	< 177		µg/kg dry	177		BRL				30
Aroclor-1232 [2C]	< 177		µg/kg dry	177		BRL				30
Aroclor-1242	< 177		µg/kg dry	177		BRL				30
Aroclor-1242 [2C]	< 177		µg/kg dry	177		BRL				30
Aroclor-1248	< 177		µg/kg dry	177		BRL				30
Aroclor-1248 [2C]	< 177		µg/kg dry	177		BRL				30
Aroclor-1254	**141**	J	µg/kg dry	177		BRL				30
Aroclor-1254 [2C]	**132**	J,QM4	µg/kg dry	177		82.2			47	30
Aroclor-1260	< 177		µg/kg dry	177		BRL				30
Aroclor-1260 [2C]	< 177		µg/kg dry	177		BRL				30
Aroclor-1262	< 177		µg/kg dry	177		BRL				30
Aroclor-1262 [2C]	< 177		µg/kg dry	177		BRL				30
Aroclor-1268	< 177		µg/kg dry	177		BRL				30
Aroclor-1268 [2C]	< 177		µg/kg dry	177		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*177*		µg/kg dry		*177*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*194*		µg/kg dry		*177*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*159*		µg/kg dry		*177*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*194*		µg/kg dry		*177*		*110*	*30-150*		
Matrix Spike (1229090-MS1)			**Source: SB60132-12RE1**			Prepared: 27-Nov-12 Analyzed: 28-Nov-12				
Aroclor-1016	**2150**		µg/kg dry	193	2410	BRL	89	40-140		
Aroclor-1016 [2C]	**2480**		µg/kg dry	193	2410	BRL	103	40-140		
Aroclor-1260	**1680**		µg/kg dry	193	2410	BRL	70	40-140		
Aroclor-1260 [2C]	**2060**		µg/kg dry	193	2410	BRL	86	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*231*		µg/kg dry		*193*		*120*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*241*		µg/kg dry		*193*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*241*		µg/kg dry		*193*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*231*		µg/kg dry		*193*		*120*	*30-150*		
Matrix Spike Dup (1229090-MSD1)			**Source: SB60132-12RE1**			Prepared: 27-Nov-12 Analyzed: 28-Nov-12				
Aroclor-1016	**2090**		µg/kg dry	176	2190	BRL	95	40-140	7	30

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* Reportable Detection Limit

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1229090 - SW846 3540C										
Matrix Spike Dup (1229090-MSD1)			Source: SB60132-12RE1		Prepared: 27-Nov-12 Analyzed: 28-Nov-12					
Aroclor-1016 [2C]	**2370**		µg/kg dry	176	2190	BRL	108	40-140	5	30
Aroclor-1260	**1630**		µg/kg dry	176	2190	BRL	74	40-140	7	30
Aroclor-1260 [2C]	**1780**		µg/kg dry	176	2190	BRL	81	40-140	5	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*228*		µg/kg dry		*176*		*130*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*228*		µg/kg dry		*176*		*130*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*202*		µg/kg dry		*176*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*219*		µg/kg dry		*176*		*125*	*30-150*		
Batch 1229091 - SW846 3540C										
Blank (1229091-BLK1)					Prepared: 27-Nov-12 Analyzed: 28-Nov-12					
Aroclor-1016	< 200		µg/kg wet	200						
Aroclor-1016 [2C]	< 200		µg/kg wet	200						
Aroclor-1221	< 200		µg/kg wet	200						
Aroclor-1221 [2C]	< 200		µg/kg wet	200						
Aroclor-1232	< 200		µg/kg wet	200						
Aroclor-1232 [2C]	< 200		µg/kg wet	200						
Aroclor-1242	< 200		µg/kg wet	200						
Aroclor-1242 [2C]	< 200		µg/kg wet	200						
Aroclor-1248	< 200		µg/kg wet	200						
Aroclor-1248 [2C]	< 200		µg/kg wet	200						
Aroclor-1254	< 200		µg/kg wet	200						
Aroclor-1254 [2C]	< 200		µg/kg wet	200						
Aroclor-1260	< 200		µg/kg wet	200						
Aroclor-1260 [2C]	< 200		µg/kg wet	200						
Aroclor-1262	< 200		µg/kg wet	200						
Aroclor-1262 [2C]	< 200		µg/kg wet	200						
Aroclor-1268	< 200		µg/kg wet	200						
Aroclor-1268 [2C]	< 200		µg/kg wet	200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*200*		µg/kg wet		*200*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*220*		µg/kg wet		*200*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*190*		µg/kg wet		*200*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*270*		µg/kg wet		*200*		*135*	*30-150*		
LCS (1229091-BS1)					Prepared: 27-Nov-12 Analyzed: 28-Nov-12					
Aroclor-1016	**2180**		µg/kg wet	200	2500		87	40-140		
Aroclor-1016 [2C]	**2050**		µg/kg wet	200	2500		82	40-140		
Aroclor-1260	**1690**		µg/kg wet	200	2500		68	40-140		
Aroclor-1260 [2C]	**1710**		µg/kg wet	200	2500		68	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*170*		µg/kg wet		*200*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*180*		µg/kg wet		*200*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*190*		µg/kg wet		*200*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*240*		µg/kg wet		*200*		*120*	*30-150*		
LCS Dup (1229091-BSD1)					Prepared: 27-Nov-12 Analyzed: 28-Nov-12					
Aroclor-1016	**1920**		µg/kg wet	200	2500		77	40-140	13	30
Aroclor-1016 [2C]	**2060**		µg/kg wet	200	2500		82	40-140	0.5	30
Aroclor-1260	**1770**		µg/kg wet	200	2500		71	40-140	5	30
Aroclor-1260 [2C]	**1560**		µg/kg wet	200	2500		62	40-140	9	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*180*		µg/kg wet		*200*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*180*		µg/kg wet		*200*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*220*		µg/kg wet		*200*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*220*		µg/kg wet		*200*		*110*	*30-150*		
Duplicate (1229091-DUP1)			Source: SB60132-25RE1		Prepared: 27-Nov-12 Analyzed: 28-Nov-12					

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1229091 - SW846 3540C										
Duplicate (1229091-DUP1)			**Source: SB60132-25RE1**		Prepared: 27-Nov-12 Analyzed: 28-Nov-12					
Aroclor-1016	< 192		µg/kg dry	192		BRL				30
Aroclor-1016 [2C]	< 192		µg/kg dry	192		BRL				30
Aroclor-1221	< 192		µg/kg dry	192		BRL				30
Aroclor-1221 [2C]	< 192		µg/kg dry	192		BRL				30
Aroclor-1232	< 192		µg/kg dry	192		BRL				30
Aroclor-1232 [2C]	< 192		µg/kg dry	192		BRL				30
Aroclor-1242	< 192		µg/kg dry	192		BRL				30
Aroclor-1242 [2C]	< 192		µg/kg dry	192		BRL				30
Aroclor-1248	< 192		µg/kg dry	192		BRL				30
Aroclor-1248 [2C]	< 192		µg/kg dry	192		BRL				30
Aroclor-1254	**326**		µg/kg dry	192		364			11	30
Aroclor-1254 [2C]	**317**		µg/kg dry	192		391			21	30
Aroclor-1260	< 192		µg/kg dry	192		BRL				30
Aroclor-1260 [2C]	< 192		µg/kg dry	192		BRL				30
Aroclor-1262	< 192		µg/kg dry	192		BRL				30
Aroclor-1262 [2C]	< 192		µg/kg dry	192		BRL				30
Aroclor-1268	< 192		µg/kg dry	192		BRL				30
Aroclor-1268 [2C]	< 192		µg/kg dry	192		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*211*		µg/kg dry		*192*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*230*		µg/kg dry		*192*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*202*		µg/kg dry		*192*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*269*		µg/kg dry		*192*		*140*	*30-150*		
Matrix Spike (1229091-MS1)			**Source: SB60132-25RE1**		Prepared: 27-Nov-12 Analyzed: 28-Nov-12					
Aroclor-1016	**2500**		µg/kg dry	181	2270	BRL	110	40-140		
Aroclor-1016 [2C]	**2710**		µg/kg dry	181	2270	BRL	120	40-140		
Aroclor-1260	**2160**		µg/kg dry	181	2270	BRL	95	40-140		
Aroclor-1260 [2C]	**2210**		µg/kg dry	181	2270	BRL	98	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*236*		µg/kg dry		*181*		*130*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*236*		µg/kg dry		*181*		*130*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*200*		µg/kg dry		*181*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*263*		µg/kg dry		*181*		*145*	*30-150*		
Matrix Spike Dup (1229091-MSD1)			**Source: SB60132-25RE1**		Prepared: 27-Nov-12 Analyzed: 28-Nov-12					
Aroclor-1016	**2830**		µg/kg dry	192	2400	BRL	118	40-140	7	30
Aroclor-1016 [2C]	**2850**		µg/kg dry	192	2400	BRL	119	40-140	0.7	30
Aroclor-1260	**2330**		µg/kg dry	192	2400	BRL	97	40-140	2	30
Aroclor-1260 [2C]	**2190**		µg/kg dry	192	2400	BRL	91	40-140	7	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*259*		µg/kg dry		*192*		*135*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*250*		µg/kg dry		*192*		*130*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*221*		µg/kg dry		*192*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*269*		µg/kg dry		*192*		*140*	*30-150*		
Batch 1229092 - SW846 3540C										
Blank (1229092-BLK1)					Prepared: 27-Nov-12 Analyzed: 28-Nov-12					
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1229092 - SW846 3540C										
Blank (1229092-BLK1)					Prepared: 27-Nov-12 Analyzed: 28-Nov-12					
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*26.0*		µg/kg wet		*20.0*		*130*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
LCS (1229092-BS1)					Prepared: 27-Nov-12 Analyzed: 28-Nov-12					
Aroclor-1016	**229**		µg/kg wet	20.0	250		92	40-140		
Aroclor-1016 [2C]	**252**		µg/kg wet	20.0	250		101	40-140		
Aroclor-1260	**214**		µg/kg wet	20.0	250		86	40-140		
Aroclor-1260 [2C]	**199**		µg/kg wet	20.0	250		80	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
LCS Dup (1229092-BSD1)					Prepared: 27-Nov-12 Analyzed: 28-Nov-12					
Aroclor-1016	**220**		µg/kg wet	20.0	250		88	40-140	4	30
Aroclor-1016 [2C]	**262**		µg/kg wet	20.0	250		105	40-140	4	30
Aroclor-1260	**220**		µg/kg wet	20.0	250		88	40-140	3	30
Aroclor-1260 [2C]	**207**		µg/kg wet	20.0	250		83	40-140	4	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Duplicate (1229092-DUP1)			**Source: SB60132-43RE1**		Prepared: 27-Nov-12 Analyzed: 28-Nov-12					
Aroclor-1016	< 200		µg/kg dry	200		BRL				30
Aroclor-1016 [2C]	< 200		µg/kg dry	200		BRL				30
Aroclor-1221	< 200		µg/kg dry	200		BRL				30
Aroclor-1221 [2C]	< 200		µg/kg dry	200		BRL				30
Aroclor-1232	< 200		µg/kg dry	200		BRL				30
Aroclor-1232 [2C]	< 200		µg/kg dry	200		BRL				30
Aroclor-1242	< 200		µg/kg dry	200		BRL				30
Aroclor-1242 [2C]	< 200		µg/kg dry	200		BRL				30
Aroclor-1248	< 200		µg/kg dry	200		BRL				30
Aroclor-1248 [2C]	< 200		µg/kg dry	200		BRL				30
Aroclor-1254	**581**		µg/kg dry	200		514			12	30
Aroclor-1254 [2C]	**832**		µg/kg dry	200		685			19	30
Aroclor-1260	< 401	R01	µg/kg dry	401		BRL				30
Aroclor-1260 [2C]	< 401	R01	µg/kg dry	401		BRL				30
Aroclor-1262	< 401	R01	µg/kg dry	401		BRL				30
Aroclor-1262 [2C]	< 401	R01	µg/kg dry	401		BRL				30
Aroclor-1268	< 401	R01	µg/kg dry	401		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1229092 - SW846 3540C										
Duplicate (1229092-DUP1)			**Source: SB60132-43RE1**		Prepared: 27-Nov-12 Analyzed: 28-Nov-12					
Aroclor-1268 [2C]	< 401	R01	µg/kg dry	401		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*291*		µg/kg dry		*200*		*145*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*120*		µg/kg dry		*200*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*220*		µg/kg dry		*200*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*641*	S02	µg/kg dry		*200*		*320*	*30-150*		
Matrix Spike (1229092-MS1)			**Source: SB60132-43RE1**		Prepared: 27-Nov-12 Analyzed: 28-Nov-12					
Aroclor-1016	**1740**		µg/kg dry	200	2500	BRL	70	40-140		
Aroclor-1016 [2C]	**1940**		µg/kg dry	200	2500	BRL	78	40-140		
Aroclor-1260	**3380**		µg/kg dry	200	2500	BRL	135	40-140		
Aroclor-1260 [2C]	**2370**		µg/kg dry	200	2500	BRL	95	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*190*		µg/kg dry		*200*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*180*		µg/kg dry		*200*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*210*		µg/kg dry		*200*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*321*	S02	µg/kg dry		*200*		*160*	*30-150*		
Matrix Spike Dup (1229092-MSD1)			**Source: SB60132-43RE1**		Prepared: 27-Nov-12 Analyzed: 28-Nov-12					
Aroclor-1016	**1790**		µg/kg dry	200	2500	BRL	72	40-140	3	30
Aroclor-1016 [2C]	**2060**		µg/kg dry	200	2500	BRL	82	40-140	6	30
Aroclor-1260	**3320**		µg/kg dry	200	2500	BRL	133	40-140	1	30
Aroclor-1260 [2C]	**2260**		µg/kg dry	200	2500	BRL	90	40-140	5	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*210*		µg/kg dry		*200*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*180*		µg/kg dry		*200*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*210*		µg/kg dry		*200*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*380*	S02	µg/kg dry		*200*		*190*	*30-150*		
Batch 1229513 - SW846 3540C										
Blank (1229513-BLK1)					Prepared: 30-Nov-12 Analyzed: 01-Dec-12					
Aroclor-1016	< 200		µg/kg wet	200						
Aroclor-1016 [2C]	< 200		µg/kg wet	200						
Aroclor-1221	< 200		µg/kg wet	200						
Aroclor-1221 [2C]	< 200		µg/kg wet	200						
Aroclor-1232	< 200		µg/kg wet	200						
Aroclor-1232 [2C]	< 200		µg/kg wet	200						
Aroclor-1242	< 200		µg/kg wet	200						
Aroclor-1242 [2C]	< 200		µg/kg wet	200						
Aroclor-1248	< 200		µg/kg wet	200						
Aroclor-1248 [2C]	< 200		µg/kg wet	200						
Aroclor-1254	< 200		µg/kg wet	200						
Aroclor-1254 [2C]	< 200		µg/kg wet	200						
Aroclor-1260	< 200		µg/kg wet	200						
Aroclor-1260 [2C]	< 200		µg/kg wet	200						
Aroclor-1262	< 200		µg/kg wet	200						
Aroclor-1262 [2C]	< 200		µg/kg wet	200						
Aroclor-1268	< 200		µg/kg wet	200						
Aroclor-1268 [2C]	< 200		µg/kg wet	200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*200*		µg/kg wet		*200*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*220*		µg/kg wet		*200*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*200*		µg/kg wet		*200*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*240*		µg/kg wet		*200*		*120*	*30-150*		
LCS (1229513-BS1)					Prepared: 30-Nov-12 Analyzed: 01-Dec-12					
Aroclor-1016	**2010**		µg/kg wet	200	2500		80	40-140		
Aroclor-1016 [2C]	**2170**		µg/kg wet	200	2500		87	40-140		

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Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1229513 - SW846 3540C										
LCS (1229513-BS1)					Prepared: 30-Nov-12 Analyzed: 01-Dec-12					
Aroclor-1260	**1730**		µg/kg wet	200	2500		69	40-140		
Aroclor-1260 [2C]	**1600**		µg/kg wet	200	2500		64	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*180*		µg/kg wet		*200*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*190*		µg/kg wet		*200*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*180*		µg/kg wet		*200*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*220*		µg/kg wet		*200*		*110*	*30-150*		
LCS Dup (1229513-BSD1)					Prepared: 30-Nov-12 Analyzed: 01-Dec-12					
Aroclor-1016	**2030**		µg/kg wet	200	2500		81	40-140	1	30
Aroclor-1016 [2C]	**2150**		µg/kg wet	200	2500		86	40-140	0.9	30
Aroclor-1260	**1750**		µg/kg wet	200	2500		70	40-140	1	30
Aroclor-1260 [2C]	**1610**		µg/kg wet	200	2500		64	40-140	0.6	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*180*		µg/kg wet		*200*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*190*		µg/kg wet		*200*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*180*		µg/kg wet		*200*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*220*		µg/kg wet		*200*		*110*	*30-150*		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1228695 - General Preparation										
Duplicate (1228695-DUP1)			Source: SB60132-01			Prepared & Analyzed: 20-Nov-12				
% Solids	99.3		%			98.8			0.5	20
Batch 1228696 - General Preparation										
Duplicate (1228696-DUP1)			Source: SB60132-21			Prepared & Analyzed: 20-Nov-12				
% Solids	98.1		%			98.1			0.08	20

Notes and Definitions

D	Data reported from a dilution
GS1	Sample dilution required for high concentration of target analytes to be within the instrument calibration range.
PCB	40 CFR part136 and SW846-8082 reference a holding time prior to extraction of one year for PCBs. Spectrum Analytical complies with CT RCP required hold times of 7-days for aqueous and 14-days for soil and/or product samples.
QM4	Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.
R01	The Reporting Limit has been raised to account for matrix interference.
S01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
June O'Connor
Kimberly Wisk
Rebecca Merz

Utilize CTDAS Contract Rates J. SB 60132

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CHAIN OF CUSTODY RECORD

Page 1 of 5

Special Handling:
- [x] Standard TAT - 7 to 10 business days
- [ ] Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: TRC Environmental, 21 Griffin Rd North, Windsor, CT 06095
Telephone #: 860-298-6266
Project Mgr. Henry Lalibote

Invoice To: Henry Lalibote, TRC Environmental, 21 Griffin Rd North, Windsor, CT 06095
P.O. No.: C183572 RQN: _____

Project No.: 183572.4445.0710
Site Name: BIA-Terminal B-Concourse A
Location: Windsor Locks State: CT
Sampler(s): Tom Martin / Rob Mishak

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= _____ 12= _____

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Cool/Clear X2= _____ X3= _____

G=Grab C=Composite

Containers: # of VOA Vials; # of Amber Glass; # of Clear Glass; # of Plastic

Analyses: MA DEP MCP 2002/35 VOC

MA DEP MCP CAM Report: Yes ☐ No ☐
CT DPH RCP Report: Yes ☒ No ☐

QA/QC Reporting Level
- [x] Standard
- [ ] No QC
- [ ] DQA*
- [ ] NY ASP A*
- [ ] NY ASP B*
- [ ] NJ Reduced*
- [ ] NJ Full*
- [ ] TIER II*
- [ ] TIER IV*
- [ ] Other _____

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	MA 2002/35 VOC	State-specific reporting standards
60132 01	1A	11/6/12	0801	G	X1		X			X	C3 - Gate B3
02	1B	↓	0820	↓	↓		X			X	↓ - BSX Gate B1
03	1C	↓	0850					X		X	↓ - AAL Gate B5
04	2A	11/6/12	0934				X			X	C1 - BSX Gate B1
05	2B	↓	0954				X			X	↓ - Gate B3
06	2C	↓	1002				X			X	↓ - Gate B3
07	3A	11/6/12	1011					X		X	C4 - Women's 2
08	3B	↓	1015					X		X	↓ - ↓
09	3C	↓	1020					X		X	↓ - Men's 2
10	4A	↓	1043	↓	↓			X		X	WC1 - Security Hall

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	11/15/12	10:54	
	JCH	11/15/12	1500	22

☐ EDD Format _____
☒ E-mail to HLalibote@TRCsolutions.com

Condition upon receipt: ☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

SB60132 Sy 1

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CHAIN OF CUSTODY RECORD

Page 2 of 5

Special Handling:
- [x] Standard TAT - 7 to 10 business days
- [ ] Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
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Report To: (Same as Page 1)

Telephone #:

Project Mgr.

Invoice To: (Same as Page 1)

P.O. No.: C183572 RQN:

Project No.: 183572.4445.0710

Site Name: BIA - Terminal B - Concourse A

Location: Windsor Locks State: CT

Sampler(s): Tom Martin/Rob Mizbah/Guy Knapp/Mike Kostyuk

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10= H_3PO_4 11= _____ 12= _____

List preservative code below:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Caulk/glaze X2= _____ X3= _____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOC 8260/624								State-specific reporting standards:
60132-11	4B	11/14/12	0850	G	X1			1		X								WG1 - Exterior West
12	4C	↓	0850					1		X								WG1 - Exterior East
13	05A	11/6/12	[illegible]					1		X								WG2 - Rm 97
14	05B	↓	1157					1		X								↓ ↓
15	06A	11/6/12	1322					1		X								C6 - Rm 94
16	06B	↓	1334					1		X								↓ - Hall o/s 102
17	06C	↓	1358					1		X								↓ - Rm 115A
18	07A	11/6/12	1413					1		X								DWG2 - middle stair
19	07B	↓	1417					1		X								↓ - ↓
20	07A	↓	1431	↓	↓			1		✓								C5 - Grand Arrival Hall

Relinquished by:	Received by:	Date:	Time:	Temp°C
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		11/15/12	1500	2.2

- [ ] EDD Format _____
- [x] E-mail to HLaliberte@TRCsolutions.com

Condition upon receipt:
- [ ] Ambient
- [ ] Iced
- [x] Refrigerated
- [ ] DI VOA Frozen
- [ ] Soil Jar Frozen

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report: Yes [ ] No [ ]
CT DPH RCP Report: Yes [x] No [ ]

QA/QC Reporting Level
- [x] Standard
- [ ] No QC
- [ ] DQA*
- [ ] NY ASP A*
- [ ] NY ASP B*
- [ ] NJ Reduced*
- [ ] NJ Full*
- [ ] TIER II*
- [ ] TIER IV*
- [ ] Other _____

State-specific reporting standards:

SB 60132

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 3 of 5

Special Handling:
- [x] Standard TAT - 7 to 10 business days
- [ ] Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: (Same as Page 1)

Telephone #: 860-297-6266

Project Mgr. Heavy Laliberte

Invoice To: (Same as Page 1)

P.O. No.: CR3572 RQN: _____

Project No.: 183572.4445.076

Site Name: BTA - Terminal B - Concourse A

Location: Windsor Locks State: CT

Sampler(s): Tom Martin / Rob Misbach

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= _____ 12= _____

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Condiflehze X2= _____ X3= _____

G=Grab C=Composite

Containers: # of VOA Vials; # of Amber Glass; # of Clear Glass; # of Plastic

Analyses: PLP 8082/3540C

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	PLP 8082/3540C	State-specific reporting standards:
60132-21	08B	11/6/12	1445	G	X1			X		X	CS - Grand Flr Jewelry
22	09A		1503								DWG2 - Boardy Ramp P5
23	09B		1500								" - " " "
24	09C		1507								" - " " " BTD
25	10A	11/7/12	0806								SC1 - 1st Flr Bridge
26	10B		0813								" - " " "
27	10C		0816								" - " " "
28	11A		0821								SC2 - 1st Flr - Bridge
29	11B		0824								" - " " "
30	11C		0825								" - " " "

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		11/15/12	1540	2.2

- [ ] EDD Format _____
- [x] E-mail to HLaliberte@TRCsolutions.com

Condition upon receipt: [ ] Ambient [ ] Iced [x] Refrigerated [ ] DI VOA Frozen [ ] Soil Jar Frozen

SB 60132 Sm ✓

SPECTRUM ANALYTICAL, INC.
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HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 4 of 5

Special Handling:
- ☒ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: (Same as Page 1)

Telephone #:

Project Mgr.

Invoice To: (Same as Page 1)

P.O. No.: C183572 RQN:

Project No.: 183572.4445-0710

Site Name: BLA-Terminal B - Concourse A

Location: Windsor Locks State: CT

Sampler(s): Tom Martin/Rob Mitch

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10= H_3PO_4 11= _____ 12= _____

List preservative code below:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Cooler X2= _____ X3= _____

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analyses: 1,2,3-TCP/3540

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	1,2,3-TCP/3540	QA/QC Reporting Notes: State-specific reporting standards:
60132-31	12A	11/7/12	0253	G	X1			X		X	DWG3 - Rm 113
32	12B	↓	0255	↓	↓			↓		↓	↓ - ↓
33	13A		0956								WCa - Gr. Flr. Poly
34	13B		0958								↓ -
35	13C		1000								↓ - ↓
36	14A		1033								C7 - NE overhang
37	14B		1036								↓ - ↓
38	14C		1040								↓ - NW overhang
39	15A		1122								C8 - Exterior-SE
40	15B	↓	1125	↓	↓			↓		↓	↓ - ↓ ↓

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report: Yes ☐ No ☐
CT DPH RCP Report: Yes ☒ No ☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV* ☐ Other: _____

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	11/15/12	10:54	
	JCH	11/15/12	1500	0.2

☐ EDD Format _____

☒ E-mail to HLalibarte@TRCsolutions.com

Condition upon receipt:
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

SB 60132 Sy ✓

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HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 5 of 5

Special Handling:
- [x] Standard TAT - 7 to 10 business days
- [ ] Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: (Same as Page 1)

Telephone #:

Project Mgr.

Invoice To: (Same as Page 1)

P.O. No.: CB3572 RQN:

Project No.: 183572.4445.0710

Site Name: BIA - Terminal B - Concourse A

Location: Windsor Locks State: CT

Sampler(s): Tom Martin / Rob Misbach

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10= H_3PO_4 11= _____ 12= _____

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Cold X2= _____ X3= _____

G=Grab C=Composite

Containers: # of VOA Vials; # of Amber Glass; # of Clear Glass; # of Plastic

Analyses: PLD 8260/5035

MA DEP MCP CAM Report: Yes ☐ No ☐
CT DPH RCP Report: Yes ☒ No ☐

QA/QC Reporting Level
- [x] Standard
- [ ] No QC
- [ ] DQA*
- [ ] NY ASP A*
- [ ] NY ASP B*
- [ ] NJ Reduced*
- [ ] NJ Full*
- [ ] TIER II*
- [ ] TIER IV*
- [ ] Other _____

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	PLD 8260/5035							State-specific reporting standards
60132-41	15C	11/7/12	1130	G	X1			X		X							CB - Exterior SE
42	16A	↓	1137	↓	↓			X		X							C9 - ↓ NE
43	16B	↓	1139	↓	↓			X		X							↓ - ↓ NE

Relinquished by:	Received by:	Date:	Time:	Temp°C
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	[signature]	11/15/12	1500	2.2

☐ EDD Format _____

☒ E-mail to HLiberto@TRCsolutions.com

Condition upon receipt:
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Report Date:
10-Dec-12 16:15

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: BIA-Terminal B-Concourse A-Windsor Locks, CT
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB61032-01	17A	Caulk/Glaze	28-Nov-12 13:25	03-Dec-12 17:20
SB61032-02	17B	Caulk/Glaze	28-Nov-12 13:38	03-Dec-12 17:20
SB61032-03	17C	Caulk/Glaze	28-Nov-12 13:46	03-Dec-12 17:20
SB61032-04	18A	Caulk/Glaze	28-Nov-12 13:21	03-Dec-12 17:20
SB61032-05	19A	Caulk/Glaze	28-Nov-12 13:50	03-Dec-12 17:20
SB61032-06	19B	Caulk/Glaze	28-Nov-12 14:00	03-Dec-12 17:20
SB61032-07	19C	Caulk/Glaze	28-Nov-12 14:05	03-Dec-12 17:20
SB61032-08	20A	Caulk/Glaze	28-Nov-12 13:37	03-Dec-12 17:20
SB61032-09	20B	Caulk/Glaze	28-Nov-12 13:45	03-Dec-12 17:20
SB61032-10	20C	Caulk/Glaze	28-Nov-12 14:01	03-Dec-12 17:20

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 15 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: BIA-Terminal B-Concourse A-Windsor Locks, CT

Project Number: 183572.4445.0710

Sampling Date(s):
11/28/2012

Laboratory Sample ID(s):
SB61032-01 through SB61032-10

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	✓ Yes	No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	✓ Yes	No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 12/10/2012

CASE NARRATIVE:

The samples were received 3.0 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8082A

Samples:

SB61032-05 *19A*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB61032-07 *19C*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB61032-08 *20A*

The Reporting Limit has been raised to account for matrix interference.

SB61032-10 *20C*

The Reporting Limit has been raised to account for matrix interference.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
17A SB61032-01	183572.4445.0710	Caulk/Glaze	28-Nov-12 13:25	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 162		µg/kg dry	162	80.8	1	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229993	X
11104-28-2	Aroclor-1221	< 162		µg/kg dry	162	146	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 162		µg/kg dry	162	104	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 162		µg/kg dry	162	95.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	501		µg/kg dry	162	79.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	921		µg/kg dry	162	119	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	388		µg/kg dry	162	62.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 162		µg/kg dry	162	151	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 162		µg/kg dry	162	50.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229906	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
17B SB61032-02	183572.4445.0710	Caulk/Glaze	28-Nov-12 13:38	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 160		µg/kg dry	160	79.7	1	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229993	X
11104-28-2	Aroclor-1221	< 160		µg/kg dry	160	144	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 160		µg/kg dry	160	102	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 160		µg/kg dry	160	94.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 160		µg/kg dry	160	78.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	447		µg/kg dry	160	67.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 160		µg/kg dry	160	61.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 160		µg/kg dry	160	149	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 160		µg/kg dry	160	50.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
17B SB61032-02	183572.4445.0710	Caulk/Glaze	28-Nov-12 13:38	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229906	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
17C SB61032-03	183572.4445.0710	Caulk/Glaze	28-Nov-12 13:46	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 186		µg/kg dry	186	92.9	1	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229993	X
11104-28-2	Aroclor-1221	< 186		µg/kg dry	186	167	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 186		µg/kg dry	186	119	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 186		µg/kg dry	186	109	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 186		µg/kg dry	186	91.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	511		µg/kg dry	186	78.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 186		µg/kg dry	186	83.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 186		µg/kg dry	186	173	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 186		µg/kg dry	186	58.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229906	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
18A	183572.4445.0710	Caulk/Glaze	28-Nov-12 13:21	03-Dec-12
SB61032-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 179		µg/kg dry	179	89.2	1	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229993	X
11104-28-2	Aroclor-1221	< 179		µg/kg dry	179	161	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 179		µg/kg dry	179	115	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 179		µg/kg dry	179	105	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 179		µg/kg dry	179	87.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	241		µg/kg dry	179	131	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 179		µg/kg dry	179	68.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 179		µg/kg dry	179	166	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 179		µg/kg dry	179	56.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229906	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
19A SB61032-05	183572.4445.0710	Caulk/Glaze	28-Nov-12 13:50	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1340	D	µg/kg dry	1340	668	10	SW846 8082A	05-Dec-12	10-Dec-12	BLM	1229993	X
11104-28-2	Aroclor-1221	< 1340	D	µg/kg dry	1340	1200	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1340	D	µg/kg dry	1340	858	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1340	D	µg/kg dry	1340	787	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1340	D	µg/kg dry	1340	656	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**54,800**	D	µg/kg dry	1340	567	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	**2,210**	D	µg/kg dry	1340	512	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1340	D	µg/kg dry	1340	1250	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1340	D	µg/kg dry	1340	420	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**95.5**		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229906	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
19B SB61032-06	183572.4445.0710	Caulk/Glaze	28-Nov-12 14:00	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 159		µg/kg dry	159	79.3	1	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229993	X
11104-28-2	Aroclor-1221	< 159		µg/kg dry	159	143	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 159		µg/kg dry	159	102	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 159		µg/kg dry	159	93.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 159		µg/kg dry	159	77.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	20,100		µg/kg dry	159	67.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 159		µg/kg dry	159	60.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 159		µg/kg dry	159	146	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 159		µg/kg dry	159	49.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.7		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229906	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
19C SB61032-07	183572.4445.0710	Caulk/Glaze	28-Nov-12 14:05	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1480	D	µg/kg dry	1480	738	10	SW846 8082A	05-Dec-12	10-Dec-12	BLM	1229993	X
11104-28-2	Aroclor-1221	< 1480	D	µg/kg dry	1480	1330	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1480	D	µg/kg dry	1480	948	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1480	D	µg/kg dry	1480	870	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1480	D	µg/kg dry	1480	725	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	39,600	D	µg/kg dry	1480	627	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1480	D	µg/kg dry	1480	566	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1480	D	µg/kg dry	1480	1380	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1480	D	µg/kg dry	1480	464	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.5		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229906	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
20A SB61032-08	183572.4445.0710	Caulk/Glaze	28-Nov-12 13:37	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 394		µg/kg dry	394	197	1	SW846 8082A	05-Dec-12	10-Dec-12	BLM	1229993	X
11104-28-2	Aroclor-1221	< 394		µg/kg dry	394	355	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 394		µg/kg dry	394	253	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 394		µg/kg dry	394	232	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 394		µg/kg dry	394	193	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 394		µg/kg dry	394	289	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 394		µg/kg dry	394	151	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 394		µg/kg dry	394	367	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 394		µg/kg dry	394	124	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229906	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
20B SB61032-09	183572.4445.0710	Caulk/Glaze	28-Nov-12 13:45	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 180		µg/kg dry	180	90.1	1	SW846 8082A	05-Dec-12	10-Dec-12	BLM	1229993	X
11104-28-2	Aroclor-1221	< 180		µg/kg dry	180	162	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 180		µg/kg dry	180	116	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 180		µg/kg dry	180	106	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 180		µg/kg dry	180	88.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	406		µg/kg dry	180	132	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 180		µg/kg dry	180	69.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 180		µg/kg dry	180	168	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 180		µg/kg dry	180	56.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*140*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229906	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
20C SB61032-10	183572.4445.0710	Caulk/Glaze	28-Nov-12 14:01	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 944		µg/kg dry	944	472	1	SW846 8082A	05-Dec-12	10-Dec-12	BLM	1229993	X
11104-28-2	Aroclor-1221	< 944		µg/kg dry	944	851	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 944		µg/kg dry	944	606	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 944		µg/kg dry	944	556	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 944		µg/kg dry	944	463	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 944		µg/kg dry	944	693	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 944		µg/kg dry	944	362	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 944		µg/kg dry	944	880	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 944		µg/kg dry	944	297	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.6		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229906	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1229993 - SW846 3540C										
Blank (1229993-BLK1)					Prepared: 05-Dec-12 Analyzed: 09-Dec-12					
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*24.0*		µg/kg wet		*20.0*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*26.0*		µg/kg wet		*20.0*		*130*	*30-150*		
LCS (1229993-BS1)					Prepared: 05-Dec-12 Analyzed: 09-Dec-12					
Aroclor-1016	**192**		µg/kg wet	20.0	250		77	40-140		
Aroclor-1016 [2C]	**210**		µg/kg wet	20.0	250		84	40-140		
Aroclor-1260	**164**		µg/kg wet	20.0	250		66	40-140		
Aroclor-1260 [2C]	**147**		µg/kg wet	20.0	250		59	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*14.0*		µg/kg wet		*20.0*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
LCS Dup (1229993-BSD1)					Prepared: 05-Dec-12 Analyzed: 09-Dec-12					
Aroclor-1016	**203**		µg/kg wet	20.0	250		81	40-140	6	30
Aroclor-1016 [2C]	**217**		µg/kg wet	20.0	250		87	40-140	3	30
Aroclor-1260	**165**		µg/kg wet	20.0	250		66	40-140	0.6	30
Aroclor-1260 [2C]	**146**		µg/kg wet	20.0	250		58	40-140	0.7	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*15.0*		µg/kg wet		*20.0*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Duplicate (1229993-DUP1)			**Source: SB61032-02**		Prepared: 05-Dec-12 Analyzed: 09-Dec-12					
Aroclor-1016	< 152		µg/kg dry	152		BRL				30
Aroclor-1016 [2C]	< 152		µg/kg dry	152		BRL				30
Aroclor-1221	< 152		µg/kg dry	152		BRL				30
Aroclor-1221 [2C]	< 152		µg/kg dry	152		BRL				30
Aroclor-1232	< 152		µg/kg dry	152		BRL				30
Aroclor-1232 [2C]	< 152		µg/kg dry	152		BRL				30
Aroclor-1242	< 152		µg/kg dry	152		BRL				30
Aroclor-1242 [2C]	< 152		µg/kg dry	152		BRL				30
Aroclor-1248	< 152		µg/kg dry	152		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1229993 - SW846 3540C										
Duplicate (1229993-DUP1)			**Source: SB61032-02**		Prepared: 05-Dec-12 Analyzed: 09-Dec-12					
Aroclor-1248 [2C]	< 152		µg/kg dry	152		BRL				30
Aroclor-1254	**602**		µg/kg dry	152		407			21	30
Aroclor-1254 [2C]	**510**		µg/kg dry	152		447			13	30
Aroclor-1260	**122**	J	µg/kg dry	152		112			9	30
Aroclor-1260 [2C]	**106**	J	µg/kg dry	152		112			5	30
Aroclor-1262	< 152		µg/kg dry	152		BRL				30
Aroclor-1262 [2C]	< 152		µg/kg dry	152		BRL				30
Aroclor-1268	< 152		µg/kg dry	152		BRL				30
Aroclor-1268 [2C]	< 152		µg/kg dry	152		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*198*		µg/kg dry		*152*		*130*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*183*		µg/kg dry		*152*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*137*		µg/kg dry		*152*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*183*		µg/kg dry		*152*		*120*	*30-150*		
Matrix Spike (1229993-MS1)			**Source: SB61032-02**		Prepared: 05-Dec-12 Analyzed: 09-Dec-12					
Aroclor-1016	**1750**		µg/kg dry	142	1780	BRL	99	40-140		
Aroclor-1016 [2C]	**1730**		µg/kg dry	142	1780	BRL	98	40-140		
Aroclor-1260	**1460**		µg/kg dry	142	1780	112	76	40-140		
Aroclor-1260 [2C]	**1290**		µg/kg dry	142	1780	112	67	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*178*		µg/kg dry		*142*		*125*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*163*		µg/kg dry		*142*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*128*		µg/kg dry		*142*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*185*		µg/kg dry		*142*		*130*	*30-150*		
Matrix Spike Dup (1229993-MSD1)			**Source: SB61032-02**		Prepared: 05-Dec-12 Analyzed: 09-Dec-12					
Aroclor-1016	**2030**		µg/kg dry	158	1980	BRL	102	40-140	4	30
Aroclor-1016 [2C]	**2040**		µg/kg dry	158	1980	BRL	103	40-140	6	30
Aroclor-1260	**1660**		µg/kg dry	158	1980	112	78	40-140	3	30
Aroclor-1260 [2C]	**1570**		µg/kg dry	158	1980	112	74	40-140	10	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*206*		µg/kg dry		*158*		*130*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*190*		µg/kg dry		*158*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*150*		µg/kg dry		*158*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*214*		µg/kg dry		*158*		*135*	*30-150*		

Notes and Definitions

D	Data reported from a dilution
GS1	Sample dilution required for high concentration of target analytes to be within the instrument calibration range.
R01	The Reporting Limit has been raised to account for matrix interference.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
June O'Connor
Kimberly Wisk

* Utilize CTDAS contract Rates *

SB61032 OK

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☒ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: TRC
21 Griffin Rd North
Windsor, CT 06095
Telephone #: 860-298-5692
Project Mgr. Henry Laliberte

Invoice To: Henry Laliberte
TRC
21 Griffin Rd North
Windsor CT 06095
P.O. No.: 0183572 RQN:

Project No.: 183572-4445-00710
Site Name: BIA-Terminal B-Concourse A
Location: Windsor Locks State: CT
Sampler(s): T Martin / G Kaczynski

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10= H_3PO_4 11= _____ 12= _____

List preservative code below:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= caulk/glaze X2= _____ X3= _____

G=Grab C=Composite

Containers: # of VOA Vials; # of Amber Glass; # of Clear Glass; # of Plastic

Analyses: PCB 8082/3540C

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	PCB 8082/3540C
61032-01	17A	11/28/12	1325	G	X1			1		X
02	17B		1338					1		X
03	17C		1346					1		X
04	18A		1321					1		X
05	19A		1350					1		X
06	19B		1400					1		X
07	19C		1405					1		X
08	20A		1337					1		X
09	20B		1345					1		X
10	20C		1401					1		X

MA DEP MCP CAM Report: Yes ☐ No ☐
CT DPH RCP Report: Yes ☒ No ☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other _____

State-specific reporting standards:

C10 - ext, east side south
- ext, " "
- ", west side
C11 - ext, NE side
C12 - ", east side south
- ", bridge area east
- "
C13 - ", east side
- ", NW side
should be C13 ", west side north

Relinquished by:	Received by:	Date:	Time:	Temp°C
		12-3-12	9:12	
		11/30/12	16:30	
		12-3-12	17:20	3.0

☐ EDD Format _____
☒ E-mail to HLaliberte@TRCsolutions.com

Condition upon receipt:
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Report Date:
13-Dec-12 10:23

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Gregory Kaczynski

Project: BIA-Terminal B-Concourse A-Windsor Locks, CT
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB61373-01	21A	Caulk/Glaze	28-Nov-12 14:30	06-Dec-12 15:49
SB61373-02	23A	Caulk/Glaze	28-Nov-12 10:00	06-Dec-12 15:49
SB61373-03	24A	Caulk/Glaze	28-Nov-12 10:14	06-Dec-12 15:49
SB61373-04	24B	Caulk/Glaze	28-Nov-12 10:20	06-Dec-12 15:49
SB61373-05	25A	Caulk/Glaze	28-Nov-12 10:32	06-Dec-12 15:49
SB61373-06	25B	Caulk/Glaze	28-Nov-12 10:41	06-Dec-12 15:49

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 11 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: B1A-Terminal B-Concourse A-Windsor Locks, CT

Project Number: 183572.4445.0710

Sampling Date(s):
11/28/2012

Laboratory Sample ID(s):
SB61373-01 through SB61373-06

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes No
3	Were samples received at an appropriate temperature?	✓ Yes No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	✓ Yes No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes ✓ No Yes No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	Yes ✓ No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 12/13/2012

CASE NARRATIVE:

The samples were received 3.0 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8082A

Samples:

SB61373-02 *23A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB61373-03 *24A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1254

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
21A SB61373-01	183572.4445.0710	Caulk/Glaze	28-Nov-12 14:30	06-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 183		µg/kg dry	183	91.7	1	SW846 8082A	10-Dec-12	12-Dec-12	IMR	1230300	X
11104-28-2	Aroclor-1221	< 183		µg/kg dry	183	165	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 183		µg/kg dry	183	118	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 183		µg/kg dry	183	108	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 183		µg/kg dry	183	90.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 183		µg/kg dry	183	135	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 183		µg/kg dry	183	70.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 183		µg/kg dry	183	171	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 183		µg/kg dry	183	57.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*135*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	10-Dec-12	10-Dec-12	DT	1230334	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
23A SB61373-02	183572.4445.0710	Caulk/Glaze	28-Nov-12 10:00	06-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 671	R01	µg/kg dry	671	335	1	SW846 8082A	10-Dec-12	12-Dec-12	IMR	1230300	X
11104-28-2	Aroclor-1221	< 671	R01	µg/kg dry	671	604	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 671	R01	µg/kg dry	671	431	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 671	R01	µg/kg dry	671	395	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 671	R01	µg/kg dry	671	329	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 671	R01	µg/kg dry	671	492	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 671	R01	µg/kg dry	671	257	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 671	R01	µg/kg dry	671	625	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 671	R01	µg/kg dry	671	211	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*135*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.7		%			1	SM2540 G Mod.	10-Dec-12	10-Dec-12	DT	1230334	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
24A SB61373-03	183572.4445.0710	Caulk/Glaze	28-Nov-12 10:14	06-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 197		µg/kg dry	197	98.4	1	SW846 8082A	10-Dec-12	12-Dec-12	IMR	1230300	X
11104-28-2	Aroclor-1221	< 197		µg/kg dry	197	177	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 197		µg/kg dry	197	126	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 197		µg/kg dry	197	116	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 197		µg/kg dry	197	96.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 394	R01	µg/kg dry	394	289	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 197		µg/kg dry	197	75.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 197		µg/kg dry	197	183	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 197		µg/kg dry	197	61.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	10-Dec-12	10-Dec-12	DT	1230334	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
24B	183572.4445.0710	Caulk/Glaze	28-Nov-12 10:20	06-Dec-12
SB61373-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 171		µg/kg dry	171	85.4	1	SW846 8082A	10-Dec-12	12-Dec-12	IMR	1230300	X
11104-28-2	Aroclor-1221	< 171		µg/kg dry	171	154	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 171		µg/kg dry	171	110	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 171		µg/kg dry	171	101	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 171		µg/kg dry	171	83.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 171		µg/kg dry	171	125	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 171		µg/kg dry	171	65.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 171		µg/kg dry	171	159	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 171		µg/kg dry	171	53.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	10-Dec-12	10-Dec-12	DT	1230334	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
25A SB61373-05	183572.4445.0710	Caulk/Glaze	28-Nov-12 10:32	06-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 166		µg/kg dry	166	83.0	1	SW846 8082A	10-Dec-12	12-Dec-12	IMR	1230300	X
11104-28-2	Aroclor-1221	< 166		µg/kg dry	166	150	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 166		µg/kg dry	166	107	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 166		µg/kg dry	166	97.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 166		µg/kg dry	166	81.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 166		µg/kg dry	166	122	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 166		µg/kg dry	166	63.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 166		µg/kg dry	166	155	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 166		µg/kg dry	166	52.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	10-Dec-12	10-Dec-12	DT	1230335	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
25B	183572.4445.0710	Caulk/Glaze	28-Nov-12 10:41	06-Dec-12
SB61373-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 146		µg/kg dry	146	73.0	1	SW846 8082A	10-Dec-12	12-Dec-12	IMR	1230300	X
11104-28-2	Aroclor-1221	< 146		µg/kg dry	146	132	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 146		µg/kg dry	146	93.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 146		µg/kg dry	146	86.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 146		µg/kg dry	146	71.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 146		µg/kg dry	146	107	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 146		µg/kg dry	146	56.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 146		µg/kg dry	146	136	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 146		µg/kg dry	146	45.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	10-Dec-12	10-Dec-12	DT	1230335	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1230300 - SW846 3540C										
Blank (1230300-BLK1)					Prepared: 10-Dec-12 Analyzed: 11-Dec-12					
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*13.0*		µg/kg wet		*20.0*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
LCS (1230300-BS1)					Prepared: 10-Dec-12 Analyzed: 11-Dec-12					
Aroclor-1016	**251**		µg/kg wet	20.0	250		100	40-140		
Aroclor-1016 [2C]	**254**		µg/kg wet	20.0	250		102	40-140		
Aroclor-1260	**188**		µg/kg wet	20.0	250		75	40-140		
Aroclor-1260 [2C]	**164**		µg/kg wet	20.0	250		66	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
LCS Dup (1230300-BSD1)					Prepared: 10-Dec-12 Analyzed: 11-Dec-12					
Aroclor-1016	**240**		µg/kg wet	20.0	250		96	40-140	4	30
Aroclor-1016 [2C]	**247**		µg/kg wet	20.0	250		99	40-140	3	30
Aroclor-1260	**182**		µg/kg wet	20.0	250		73	40-140	3	30
Aroclor-1260 [2C]	**163**		µg/kg wet	20.0	250		65	40-140	0.6	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		

Notes and Definitions

R01	The Reporting Limit has been raised to account for matrix interference.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
June O'Connor
Kimberly Wisk

SB61373 BY

TRC

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

Edition: September 2007
Supersede Previous Edition

CHAIN OF CUSTODY

LAB ID #.

PROJECT NUMBER	PROJECT NAME	PARAMETERS	CONTAINERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-BIA			X Standard TAT 7-10 Days; Rush TAT; Date Needed:
SIGNATURE	INSPECTOR: G.Kaczynski/Tom Martin			

Lab ID:	SAMPLE ID:	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	EPA 8082 (3540)	# of Amber Glass	# of Clear Glass	Matrix (X1=Caulk/glaze)	Preservative	NOTES
01	21A	11/28/12	14:30		X		X		1	X1	N/A	DWG4
02	23A	11/28/12	10:00		X		X		1	X1	N/A	C14
03	24A	11/28/12	10:14		X		X		1	X1	N/A	C15
04	24B	11/28/12	10:20		X		X		1	X1	N/A	C15
05	25A	11/28/12	10:32		X		X		1	X1	N/A	C16
06	25B	11/28/12	10:41		X		X		1	X1	N/A	C16

Matrix is Caulk/Glaze for all samples.

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	12/6/12			12/6/12	
(Printed) Gregory Kaczynski	Time: 1640	(Printed) ELIE MAKHOUL	(Printed)	Time: 15:49	(Printed)

Remarks: Standard QA/QC Reporting Level
Report to: Henry Laliberte (hlaliberte@trcsolutions.com) (860) 298-6266
Include CT DPH RCP Report

Condition upon Receipt:

3.0 Ref.

Report Date:
19-Aug-13 17:08

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: Bradley International Airport-Windsor Locks, CT
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB74849-01	1	Caulk	08-Aug-13 09:17	12-Aug-13 12:50
SB74849-02	2	Caulk	08-Aug-13 09:25	12-Aug-13 12:50
SB74849-03	3	Caulk	08-Aug-13 08:55	12-Aug-13 12:50
SB74849-04	4	Caulk	08-Aug-13 09:06	12-Aug-13 12:50

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 11 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

Concourse A Bulks

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: Bradley International Airport-Windsor Locks, CT

Project Number: 183572.4445.0710

Sampling Date(s):
8/8/2013

Laboratory Sample ID(s):
SB74849-01 through SB74849-04

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	Yes	✓ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	Yes	✓ No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 8/19/2013

CASE NARRATIVE:

The samples were received 1.4 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8082A

Samples:

SB74849-01 *1*

Difference between the two GC columns is greater than 40%.

Aroclor-1254

SB74849-02 *2*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB74849-03 *3*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SW846 8082A

Samples:

SB74849-03 *3*

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB74849-04 *4*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

Sample Acceptance Check Form

Client:	TRC - Windsor, CT
Project:	Bradley International Airport-Windsor Locks, CT / 183572.4445.0710
Work Order:	SB74849
Sample(s) received on:	8/12/2013
Received by:	Tanya Krivolenko

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
1. Were custody seals present?	☐	☑	☐
2. Were custody seals intact?	☐	☐	☑
3. Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
4. Were samples cooled on ice upon transfer to laboratory representative?	☐	☑	☐
5. Were samples refrigerated upon transfer to laboratory representative?	☑	☐	☐
6. Were sample containers received intact?	☑	☐	☐
7. Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
8. Were samples accompanied by a Chain of Custody document?	☑	☐	☐
9. Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☑	☐	☐
10. Did sample container labels agree with Chain of Custody document?	☑	☐	☐
11. Were samples received within method-specific holding times?	☑	☐	☐

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1 SB74849-01	183572.4445.0710	Caulk	08-Aug-13 09:17	12-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 141		µg/kg dry	141	105	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319508	X
11104-28-2	Aroclor-1221	< 141		µg/kg dry	141	127	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 141		µg/kg dry	141	90.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 141		µg/kg dry	141	84.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 141		µg/kg dry	141	73.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	3,840	P	µg/kg dry	141	117	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	2,390		µg/kg dry	141	70.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 141		µg/kg dry	141	131	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 141		µg/kg dry	141	58.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*30*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*35*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.6		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319389	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
2				
SB74849-02	183572.4445.0710	Caulk	08-Aug-13 09:25	12-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 17300	D	µg/kg dry	17300	12900	100	SW846 8082A	14-Aug-13	19-Aug-13	BLM	1319508	X
11104-28-2	Aroclor-1221	< 17300	D	µg/kg dry	17300	15600	100	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 17300	D	µg/kg dry	17300	11100	100	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 17300	D	µg/kg dry	17300	10400	100	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 17300	D	µg/kg dry	17300	8990	100	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 17300	D	µg/kg dry	17300	14400	100	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 17300	D	µg/kg dry	17300	10700	100	"	"	"	"	"	X
37324-23-5	Aroclor-1262	291,000	D	µg/kg dry	17300	16100	100	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 17300	D	µg/kg dry	17300	7130	100	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.9		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319389	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
3 SB74849-03	183572.4445.0710	Caulk	08-Aug-13 08:55	12-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 31200	D	µg/kg dry	31200	23300	200	SW846 8082A	14-Aug-13	19-Aug-13	BLM	1319508	X
11104-28-2	Aroclor-1221	< 31200	D	µg/kg dry	31200	28100	200	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 31200	D	µg/kg dry	31200	20000	200	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 31200	D	µg/kg dry	31200	18800	200	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 31200	D	µg/kg dry	31200	16200	200	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	1,720,000	D	µg/kg dry	31200	18300	200	"	"	"	"	"	X
11096-82-5	Aroclor-1260	1,370,000	D	µg/kg dry	31200	19300	200	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 31200	D	µg/kg dry	31200	29000	200	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 31200	D	µg/kg dry	31200	12900	200	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.2		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319389	

This laboratory report is not valid without an authorized signature on the cover page.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
4 SB74849-04	183572.4445.0710	Caulk	08-Aug-13 09:06	12-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 16500	D	µg/kg dry	16500	12300	100	SW846 8082A	14-Aug-13	19-Aug-13	BLM	1319508	X
11104-28-2	Aroclor-1221	< 16500	D	µg/kg dry	16500	14900	100	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 16500	D	µg/kg dry	16500	10600	100	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 16500	D	µg/kg dry	16500	9920	100	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 16500	D	µg/kg dry	16500	8580	100	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	654,000	D	µg/kg dry	16500	9660	100	"	"	"	"	"	X
11096-82-5	Aroclor-1260	320,000	D	µg/kg dry	16500	10200	100	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 16500	D	µg/kg dry	16500	15400	100	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 16500	D	µg/kg dry	16500	6810	100	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.9		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319389	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1319508 - SW846 3540C										
Blank (1319508-BLK1)					Prepared: 14-Aug-13 Analyzed: 16-Aug-13					
Aroclor-1016	< 66.7		µg/kg wet	66.7						
Aroclor-1016 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1221	< 66.7		µg/kg wet	66.7						
Aroclor-1221 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1232	< 66.7		µg/kg wet	66.7						
Aroclor-1232 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1242	< 66.7		µg/kg wet	66.7						
Aroclor-1242 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1248	< 66.7		µg/kg wet	66.7						
Aroclor-1248 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1254	< 66.7		µg/kg wet	66.7						
Aroclor-1254 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1260	< 66.7		µg/kg wet	66.7						
Aroclor-1260 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1262	< 66.7		µg/kg wet	66.7						
Aroclor-1262 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1268	< 66.7		µg/kg wet	66.7						
Aroclor-1268 [2C]	< 66.7		µg/kg wet	66.7						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*76.7*		µg/kg wet		*66.7*		*115*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*66.7*		µg/kg wet		*66.7*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*73.3*		µg/kg wet		*66.7*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*56.7*		µg/kg wet		*66.7*		*85*	*30-150*		
LCS (1319508-BS1)					Prepared: 14-Aug-13 Analyzed: 16-Aug-13					
Aroclor-1016	**820**		µg/kg wet	66.7	833		98	40-140		
Aroclor-1016 [2C]	**707**		µg/kg wet	66.7	833		85	40-140		
Aroclor-1260	**863**		µg/kg wet	66.7	833		104	40-140		
Aroclor-1260 [2C]	**663**		µg/kg wet	66.7	833		80	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*76.7*		µg/kg wet		*66.7*		*115*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*70.0*		µg/kg wet		*66.7*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*83.3*		µg/kg wet		*66.7*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
LCS Dup (1319508-BSD1)					Prepared: 14-Aug-13 Analyzed: 16-Aug-13					
Aroclor-1016	**823**		µg/kg wet	66.7	833		99	40-140	0.4	30
Aroclor-1016 [2C]	**743**		µg/kg wet	66.7	833		89	40-140	5	30
Aroclor-1260	**780**		µg/kg wet	66.7	833		94	40-140	10	30
Aroclor-1260 [2C]	**757**		µg/kg wet	66.7	833		91	40-140	13	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*76.7*		µg/kg wet		*66.7*		*115*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*73.3*		µg/kg wet		*66.7*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*83.3*		µg/kg wet		*66.7*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*63.3*		µg/kg wet		*66.7*		*95*	*30-150*		

Notes and Definitions

D	Data reported from a dilution
GS1	Sample dilution required for high concentration of target analytes to be within the instrument calibration range.
P	Difference between the two GC columns is greater than 40%.
S01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
Kimberly Wisk

CT D[illegible] Rates Apply

SB 748[illegible] UIC

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 day.
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Henry Laliberte
21 Griffin Rd North
Windsor, CT 06095
Telephone #: 860-798-5689
Project Mgr. Henry Laliberte

Invoice To: Same
P.O. No.: C183572 RQN:

Project No.: 183572.4445.0710
Site Name: Bradley International Airport Concourse A
Location: Windsor Locks State: CT
Sampler(s): MKostrobe, G Kaczynski

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= Cool 12=

List preservative code below: 11

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Cool X2= X3=

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analyses: 8082/2540C

Lab ID:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/2540C	State-specific reporting standards:
74844-01	1	8/8/13	0917	G	XI			1		X	WCa - Concourse A Hall entrance next to Rm 111A
02	2		0925								WCa - Concourse A Rm G-10
03	3		0855								CCI - Concourse A Rm 111
04	4		0906								CCI - Concourse A Rm G-10

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	8-12-13	1200	
[signature]	[signature]	8/9/13	1600	
	[signature]	8-12-13	12:50	

☐ EDD Format
☐ E-mail to HLaliberte@trsolutions.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

24/1/14 R02

Report Date:
03-Oct-13 15:41

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: BIA-Terminal B-Concourse A-Windsor Locks, CT
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB77722-01	CA-WCa-CM3-0"	Concrete	26-Sep-13 16:45	01-Oct-13 16:10
SB77722-02	CA-WCa-CM3-3"	Concrete	26-Sep-13 16:41	01-Oct-13 16:10
SB77722-03	1-DWG1	Caulk	23-Sep-13 13:52	01-Oct-13 16:10
SB77722-04	2-DWG1	Caulk	23-Sep-13 13:35	01-Oct-13 16:10
SB77722-05	3-DWG3	Caulk	23-Sep-13 14:35	01-Oct-13 16:10
SB77722-06	4-DWG5	Caulk	26-Sep-13 17:35	01-Oct-13 16:10

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 14 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

State Of Connecticut
Department of Environmental Protection
Laboratory Quality Control and Quality Assurance Form

Laboratory Name: Spectrum Analytical, Inc.

Project Location: BIA-Terminal B-Concourse A-Windsor Locks, CT

Project Name and Number: BIA-Terminal B-Concourse A-Windsor Locks, CT / 183572.4445.0710

This form provides certification for the following data set: SB77722-01 through SB77722-06

Sample matrices:	**Analytical methods used:**
Caulk	SM2540 G Mod.
Concrete	SW846 8082A

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain of Custody documentation for the data set?	☑ Yes	☐ No
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed?	☑ Yes	☐ No
C	Were all QC performance standards and recommendations for the specified methods achieved?	☑ Yes	☐ No
D	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☑ Yes	☐ No *

* The compounds and/or elements reported are as specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

Negative responses for A, B and C are addressed in a case narrative on the cover page of this report.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 10/3/2013

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: BIA-Terminal B-Concourse A-Windsor Locks, CT

Project Number: 183572.4445.0710

Sampling Date(s):
9/23/2013 through 9/26/2013

Laboratory Sample ID(s):
SB77722-01 through SB77722-06

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	✓ Yes	No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	✓ Yes	No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 10/3/2013

CASE NARRATIVE:

The samples were received 2.5 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

There is no relevant protocol-specific QC and/or performance standards non-conformances to report.

Sample Acceptance Check Form

Client:	TRC - Windsor, CT
Project:	BIA-Terminal B-Concourse A-Windsor Locks, CT / 183572.4445.0710
Work Order:	SB77722
Sample(s) received on:	10/1/2013
Received by:	Tanya Krivolenko

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
1. Were custody seals present?	☐	☑	☐
2. Were custody seals intact?	☐	☐	☑
3. Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
4. Were samples cooled on ice upon transfer to laboratory representative?	☐	☑	☐
5. Were samples refrigerated upon transfer to laboratory representative?	☑	☐	☐
6. Were sample containers received intact?	☑	☐	☐
7. Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
8. Were samples accompanied by a Chain of Custody document?	☑	☐	☐
9. Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☑	☐	☐
10. Did sample container labels agree with Chain of Custody document?	☐	☑	☐
11. Were samples received within method-specific holding times?	☑	☐	☐

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-WCa-CM3-0"	183572.4445.0710	Concrete	26-Sep-13 16:45	01-Oct-13
SB77722-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.2		µg/kg dry	64.2	47.9	1	SW846 8082A	01-Oct-13	02-Oct-13	IMR	1323697	X
11104-28-2	Aroclor-1221	< 64.2		µg/kg dry	64.2	57.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.2		µg/kg dry	64.2	41.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.2		µg/kg dry	64.2	38.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.2		µg/kg dry	64.2	33.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.2		µg/kg dry	64.2	53.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	173		µg/kg dry	64.2	39.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.2		µg/kg dry	64.2	59.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.2		µg/kg dry	64.2	26.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	02-Oct-13	02-Oct-13	DT	1323771	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-WCa-CM3-3"	183572.4445.0710	Concrete	26-Sep-13 16:41	01-Oct-13
SB77722-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 53.5		µg/kg dry	53.5	40.0	1	SW846 8082A	01-Oct-13	02-Oct-13	IMR	1323697	X
11104-28-2	Aroclor-1221	< 53.5		µg/kg dry	53.5	48.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 53.5		µg/kg dry	53.5	34.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 53.5		µg/kg dry	53.5	32.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 53.5		µg/kg dry	53.5	27.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 53.5		µg/kg dry	53.5	44.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	110		µg/kg dry	53.5	33.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 53.5		µg/kg dry	53.5	49.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 53.5		µg/kg dry	53.5	22.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	02-Oct-13	02-Oct-13	DT	1323771	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1-DWG1	183572.4445.0710	Caulk	23-Sep-13 13:52	01-Oct-13
SB77722-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 122		µg/kg dry	122	91.1	1	SW846 8082A	01-Oct-13	02-Oct-13	IMR	1323697	X
11104-28-2	Aroclor-1221	< 122		µg/kg dry	122	110	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 122		µg/kg dry	122	78.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 122		µg/kg dry	122	73.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 122		µg/kg dry	122	63.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 122		µg/kg dry	122	102	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 122		µg/kg dry	122	75.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 122		µg/kg dry	122	114	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 122		µg/kg dry	122	50.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*135*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	02-Oct-13	02-Oct-13	DT	1323771	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
2-DWG1	183572.4445.0710	Caulk	23-Sep-13 13:35	01-Oct-13
SB77722-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 135		µg/kg dry	135	101	1	SW846 8082A	01-Oct-13	02-Oct-13	IMR	1323697	X
11104-28-2	Aroclor-1221	< 135		µg/kg dry	135	121	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 135		µg/kg dry	135	86.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 135		µg/kg dry	135	81.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 135		µg/kg dry	135	70.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 135		µg/kg dry	135	112	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 135		µg/kg dry	135	83.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 135		µg/kg dry	135	125	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 135		µg/kg dry	135	55.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*135*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	02-Oct-13	02-Oct-13	DT	1323771	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
3-DWG3 S[illegible]722-05	183572.4445.0710	Caulk	23-Sep-13 14:35	01-Oct-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 108		µg/kg dry	108	80.4	1	SW846 8082A	01-Oct-13	02-Oct-13	IMR	1323697	X
11104-28-2	Aroclor-1221	< 108		µg/kg dry	108	96.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 108		µg/kg dry	108	69.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 108		µg/kg dry	108	64.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 108		µg/kg dry	108	55.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 108		µg/kg dry	108	89.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 108		µg/kg dry	108	66.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 108		µg/kg dry	108	100	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 108		µg/kg dry	108	44.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*30*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*35*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	02-Oct-13	02-Oct-13	DT	1323771	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
4-DWG5	183572.4445.0710	Caulk	26-Sep-13 17:35	01-Oct-13
SB77722-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 155		µg/kg dry	155	116	1	SW846 8082A	01-Oct-13	02-Oct-13	IMR	1323697	X
11104-28-2	Aroclor-1221	< 155		µg/kg dry	155	139	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 155		µg/kg dry	155	99.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 155		µg/kg dry	155	93.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 155		µg/kg dry	155	80.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 155		µg/kg dry	155	129	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 155		µg/kg dry	155	96.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 155		µg/kg dry	155	144	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 155		µg/kg dry	155	63.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*35*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	02-Oct-13	02-Oct-13	DT	1323771	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1323697 - SW846 3540C										
Blank (1323697-BLK1)						Prepared: 01-Oct-13 Analyzed: 02-Oct-13				
Aroclor-1016	< 66.7		µg/kg wet	66.7						
Aroclor-1016 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1221	< 66.7		µg/kg wet	66.7						
Aroclor-1221 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1232	< 66.7		µg/kg wet	66.7						
Aroclor-1232 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1242	< 66.7		µg/kg wet	66.7						
Aroclor-1242 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1248	< 66.7		µg/kg wet	66.7						
Aroclor-1248 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1254	< 66.7		µg/kg wet	66.7						
Aroclor-1254 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1260	< 66.7		µg/kg wet	66.7						
Aroclor-1260 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1262	< 66.7		µg/kg wet	66.7						
Aroclor-1262 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1268	< 66.7		µg/kg wet	66.7						
Aroclor-1268 [2C]	< 66.7		µg/kg wet	66.7						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*43.3*		µg/kg wet		*66.7*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*40.0*		µg/kg wet		*66.7*		*60*	*30-150*		
LCS (1323697-BS1)						Prepared: 01-Oct-13 Analyzed: 02-Oct-13				
Aroclor-1016	**740**		µg/kg wet	66.7	833		89	40-140		
Aroclor-1016 [2C]	**683**		µg/kg wet	66.7	833		82	40-140		
Aroclor-1260	**617**		µg/kg wet	66.7	833		74	40-140		
Aroclor-1260 [2C]	**580**		µg/kg wet	66.7	833		70	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*56.7*		µg/kg wet		*66.7*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*40.0*		µg/kg wet		*66.7*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*40.0*		µg/kg wet		*66.7*		*60*	*30-150*		
LCS Dup (1323697-BSD1)						Prepared: 01-Oct-13 Analyzed: 02-Oct-13				
Aroclor-1016	**737**		µg/kg wet	66.7	833		88	40-140	0.5	30
Aroclor-1016 [2C]	**697**		µg/kg wet	66.7	833		84	40-140	2	30
Aroclor-1260	**610**		µg/kg wet	66.7	833		73	40-140	1	30
Aroclor-1260 [2C]	**600**		µg/kg wet	66.7	833		72	40-140	3	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*56.7*		µg/kg wet		*66.7*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*43.3*		µg/kg wet		*66.7*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*33.3*		µg/kg wet		*66.7*		*50*	*30-150*		
Duplicate (1323697-DUP1)			**Source: SB77722-02**			Prepared: 01-Oct-13 Analyzed: 02-Oct-13				
Aroclor-1016	< 63.6		µg/kg dry	63.6		BRL				30
Aroclor-1016 [2C]	< 63.6		µg/kg dry	63.6		BRL				30
Aroclor-1221	< 63.6		µg/kg dry	63.6		BRL				30
Aroclor-1221 [2C]	< 63.6		µg/kg dry	63.6		BRL				30
Aroclor-1232	< 63.6		µg/kg dry	63.6		BRL				30
Aroclor-1232 [2C]	< 63.6		µg/kg dry	63.6		BRL				30
Aroclor-1242	< 63.6		µg/kg dry	63.6		BRL				30
Aroclor-1242 [2C]	< 63.6		µg/kg dry	63.6		BRL				30
Aroclor-1248	< 63.6		µg/kg dry	63.6		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1323697 - SW846 3540C										
Duplicate (1323697-DUP1)			**Source: SB77722-02**		Prepared: 01-Oct-13 Analyzed: 02-Oct-13					
Aroclor-1248 [2C]	< 63.6		µg/kg dry	63.6		BRL				30
Aroclor-1254	< 63.6		µg/kg dry	63.6		BRL				30
Aroclor-1254 [2C]	< 63.6		µg/kg dry	63.6		BRL				30
Aroclor-1260	**108**		µg/kg dry	63.6		110			1	30
Aroclor-1260 [2C]	**95.3**		µg/kg dry	63.6		99.0			4	30
Aroclor-1262	< 63.6		µg/kg dry	63.6		BRL				30
Aroclor-1262 [2C]	< 63.6		µg/kg dry	63.6		BRL				30
Aroclor-1268	< 63.6		µg/kg dry	63.6		BRL				30
Aroclor-1268 [2C]	< 63.6		µg/kg dry	63.6		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*50.9*		µg/kg dry		*63.6*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*57.2*		µg/kg dry		*63.6*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*41.3*		µg/kg dry		*63.6*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*35.0*		µg/kg dry		*63.6*		*55*	*30-150*		
Matrix Spike (1323697-MS1)			**Source: SB77722-02**		Prepared: 01-Oct-13 Analyzed: 02-Oct-13					
Aroclor-1016	**542**		µg/kg dry	52.9	661	BRL	62	40-140		
Aroclor-1016 [2C]	**672**		µg/kg dry	52.9	661	BRL	102	40-140		
Aroclor-1260	**579**		µg/kg dry	52.9	661	110	71	40-140		
Aroclor-1260 [2C]	**611**		µg/kg dry	52.9	661	99.0	77	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*39.7*		µg/kg dry		*52.9*		*75*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*44.9*		µg/kg dry		*52.9*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*31.7*		µg/kg dry		*52.9*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*34.4*		µg/kg dry		*52.9*		*65*	*30-150*		
Matrix Spike Dup (1323697-MSD1)			**Source: SB77722-02**		Prepared: 01-Oct-13 Analyzed: 02-Oct-13					
Aroclor-1016	**541**		µg/kg dry	56.2	703	BRL	91	40-140	11	30
Aroclor-1016 [2C]	**686**		µg/kg dry	56.2	703	BRL	98	40-140	4	30
Aroclor-1260	**692**		µg/kg dry	56.2	703	110	83	40-140	15	30
Aroclor-1260 [2C]	**641**		µg/kg dry	56.2	703	99.0	77	40-140	0.4	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*45.0*		µg/kg dry		*56.2*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*42.2*		µg/kg dry		*56.2*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*39.4*		µg/kg dry		*56.2*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*36.6*		µg/kg dry		*56.2*		*65*	*30-150*		

Notes and Definitions

dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
June O'Connor

Utilize CT DAS Rates

V 10/7/13

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

~~Special Handling:~~
☐ ~~Standard TAT - 7 to 10 business days~~
☒ Rush TAT - Date Needed: 2 Day
· All TATs subject to laboratory approval.
· Min. ~~24-hour notification needed~~ for rushes.
· Samples disposed of after 60 days unless otherwise instructed.

Report To: TRC Environmental
21 Griffin Rd North
Windsor, CT 06095

Telephone #:

Project Mgr. Henry Laliberte

Invoice To: (Same as Report)

P.O. No.: C183572 RQN:

Project No.: 183572.4445.0710
Site Name: ConnDOT-BIA - Concourse A
Location: Windsor Locks, CT State: CT
Sampler(s): Mike Kostrubala, Tom Martin

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10= H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= caulk X3=

G=Grab C=Composite

Containers: Analyses:

MA DEP MCP CAM Report: Yes ☐ No ☐
CT DPH RCP Report: Yes ☒ No ☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540C	
1122-01	CA-WCa-CM3-0"	9/26/13	1145	G	X1		1			X	Mech 115A
02	CA-WCa-CM3-3"	9/26/13	1641	G	X1		1			X	↓
03	1-DW61	9/23/13	1352	↓	X2		↓			↓	~~Grab~~ Grab/Ctr-Mid stairwell
04	2-DW61	↓	1335								↓ ↓
05	3-DW63	↓	1435								Grab/Ctr - Rm 113
06	4-DW65	9/26/13	1735	↓	↓		↓			↓	Roop B6

351-1/25 IR02

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	10·1·13	935	
[signature]	[signature]	10-1-13	16:10	

☐ EDD Format
☒ E-mail to HLaliberte@TRCsolutions.com
GKaczynski@TRC " "

Condition upon receipt:
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Report Date:
10-Dec-12 17:11

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: BIA-Terminal B-Concourse A-Windsor Locks, CT
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB61039-01	1A	Caulk/Glaze	26-Nov-12 08:51	03-Dec-12 17:00
SB61039-02	1B	Caulk/Glaze	26-Nov-12 08:58	03-Dec-12 17:00
SB61039-03	2A	Caulk/Glaze	26-Nov-12 13:00	03-Dec-12 17:00
SB61039-04	2B	Caulk/Glaze	26-Nov-12 13:05	03-Dec-12 17:00
SB61039-05	2C	Caulk/Glaze	26-Nov-12 13:11	03-Dec-12 17:00
SB61039-06	3A	Caulk/Glaze	26-Nov-12 10:45	03-Dec-12 17:00
SB61039-07	3B	Caulk/Glaze	26-Nov-12 10:55	03-Dec-12 17:00
SB61039-08	3C	Caulk/Glaze	26-Nov-12 11:05	03-Dec-12 17:00
SB61039-09	4A	Caulk/Glaze	26-Nov-12 14:30	03-Dec-12 17:00
SB61039-10	4B	Caulk/Glaze	26-Nov-12 14:40	03-Dec-12 17:00
SB61039-11	4C	Caulk/Glaze	26-Nov-12 14:45	03-Dec-12 17:00
SB61039-12	5A	Caulk/Glaze	26-Nov-12 13:18	03-Dec-12 17:00
SB61039-13	5B	Caulk/Glaze	26-Nov-12 14:05	03-Dec-12 17:00
SB61039-14	5C	Caulk/Glaze	26-Nov-12 14:10	03-Dec-12 17:00
SB61039-15	6A	Caulk/Glaze	26-Nov-12 13:33	03-Dec-12 17:00
SB61039-16	6B	Caulk/Glaze	26-Nov-12 13:38	03-Dec-12 17:00
SB61039-17	6C	Caulk/Glaze	26-Nov-12 13:40	03-Dec-12 17:00
SB61039-18	7A	Caulk/Glaze	26-Nov-12 13:45	03-Dec-12 17:00
SB61039-19	8A	Caulk/Glaze	26-Nov-12 14:35	03-Dec-12 17:00
SB61039-20	8B	Caulk/Glaze	26-Nov-12 14:40	03-Dec-12 17:00
SB61039-21	8C	Caulk/Glaze	26-Nov-12 15:00	03-Dec-12 17:00
SB61039-22	9A	Caulk/Glaze	26-Nov-12 11:40	03-Dec-12 17:00
SB61039-23	9B	Caulk/Glaze	26-Nov-12 11:42	03-Dec-12 17:00
SB61039-24	9C	Caulk/Glaze	26-Nov-12 11:45	03-Dec-12 17:00
SB61039-25	10A	Caulk/Glaze	27-Nov-12 08:08	03-Dec-12 17:00
SB61039-26	10B	Caulk/Glaze	27-Nov-12 08:12	03-Dec-12 17:00
SB61039-27	10C	Caulk/Glaze	26-Nov-12 08:18	03-Dec-12 17:00
SB61039-28	11A	Caulk/Glaze	26-Nov-12 11:39	03-Dec-12 17:00
SB61039-29	11B	Caulk/Glaze	29-Nov-12 11:41	03-Dec-12 17:00
SB61039-30	11C	Caulk/Glaze	29-Nov-12 11:45	03-Dec-12 17:00
SB61039-31	12A	Caulk/Glaze	26-Nov-12 11:15	03-Dec-12 17:00
SB61039-32	12B	Caulk/Glaze	26-Nov-12 11:30	03-Dec-12 17:00
SB61039-33	13A	Caulk/Glaze	27-Nov-12 10:38	03-Dec-12 17:00
SB61039-34	13B	Caulk/Glaze	27-Nov-12 10:48	03-Dec-12 17:00
SB61039-35	13C	Caulk/Glaze	27-Nov-12 11:22	03-Dec-12 17:00
SB61039-36	14A	Caulk/Glaze	27-Nov-12 08:25	03-Dec-12 17:00
SB61039-37	14B	Caulk/Glaze	27-Nov-12 08:30	03-Dec-12 17:00

SB61039-38	15A	Caulk/Glaze	27-Nov-12 10:40	03-Dec-12 17:00
SB61039-39	15B	Caulk/Glaze	27-Nov-12 10:45	03-Dec-12 17:00
SB61039-40	15C	Caulk/Glaze	27-Nov-12 10:50	03-Dec-12 17:00
SB61039-41	16A	Caulk/Glaze	27-Nov-12 08:55	03-Dec-12 17:00
SB61039-42	16B	Caulk/Glaze	27-Nov-12 09:10	03-Dec-12 17:00
SB61039-43	16C	Caulk/Glaze	27-Nov-12 09:10	03-Dec-12 17:00
SB61039-44	17A	Caulk/Glaze	27-Nov-12 08:48	03-Dec-12 17:00
SB61039-45	SI1A	Caulk/Glaze	27-Nov-12 11:45	03-Dec-12 17:00
SB61039-46	SI1B	Caulk/Glaze	27-Nov-12 11:50	03-Dec-12 17:00
SB61039-47	SI1C	Caulk/Glaze	27-Nov-12 11:55	03-Dec-12 17:00
SB61039-48	SI2A	Caulk/Glaze	27-Nov-12 12:00	03-Dec-12 17:00

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 64 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: BIA-Terminal B-Concourse A-Windsor Locks, CT

Project Number: 183572.4445.0710

Sampling Date(s):
11/26/2012 through 11/29/2012

Laboratory Sample ID(s):
SB61039-01 through SB61039-48

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	Yes	✓ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	✓ Yes	No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 12/10/2012

CASE NARRATIVE:

The samples were received 3.0 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8082A

Spikes:

1229991-MS1 *Source: SB61039-16*

The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.

Aroclor-1016
Aroclor-1016 [2C]

1229991-MSD1 *Source: SB61039-16*

The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.

Aroclor-1016
Aroclor-1016 [2C]

Duplicates:

1229991-DUP1 *Source: SB61039-16*

Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.

Aroclor-1248
Aroclor-1248 [2C]
Aroclor-1254
Aroclor-1254 [2C]

Samples:

S215399-CCV1

SW846 8082A

Samples:

S215399-CCV1

Analyte percent difference is outside individual acceptance criteria (15), but within overall method allowances.

Aroclor-1016 (5) (15.1%)

This affected the following samples:

1229991-BLK1
2A
2B
2C
3A
3B
3C
5A
5B
5C
6A
6B
6C
7A
8A
8B

SB61039-01 *1A*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB61039-02 *1B*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB61039-09 *4A*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB61039-10 *4B*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SW846 8082A

Samples:

SB61039-10 *4B*

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB61039-11 *4C*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB61039-18 *7A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB61039-21 *8C*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB61039-24 *9C*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB61039-28 *11A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1260
Aroclor-1262
Aroclor-1268

SW846 8082A

Samples:

SB61039-28 *11A*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr) [2C]

SB61039-29 *11B*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1260
Aroclor-1262
Aroclor-1268

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr) [2C]

SB61039-30 *11C*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1260
Aroclor-1262
Aroclor-1268

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr) [2C]

SB61039-31 *12A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB61039-32 *12B*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB61039-36 *14A*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SW846 8082A

Samples:

SB61039-37 *14B*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB61039-38 *15A*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB61039-39 *15B*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB61039-40 *15C*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB61039-41 *16A*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB61039-42 *16B*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SW846 8082A

Samples:

SB61039-42 *16B*

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB61039-43 *16C*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB61039-44 *17A*

The Reporting Limit has been raised to account for matrix interference.

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr) [2C]

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1A SB61039-01	183572.4445.0710	Caulk/Glaze	26-Nov-12 08:51	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 15700	D	µg/kg dry	15700	7850	100	SW846 8082A	05-Dec-12	10-Dec-12	IMR	1229891	X
11104-28-2	Aroclor-1221	< 15700	D	µg/kg dry	15700	14200	100	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 15700	D	µg/kg dry	15700	10100	100	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 15700	D	µg/kg dry	15700	9260	100	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 15700	D	µg/kg dry	15700	7710	100	"	"	"	"	"	X
11097-69-1	Aroclor-1254	136,000	D	µg/kg dry	15700	11500	100	"	"	"	"	"	X
11096-82-5	Aroclor-1260	29,100	D	µg/kg dry	15700	6030	100	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 15700	D	µg/kg dry	15700	14600	100	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 15700	D	µg/kg dry	15700	4940	100	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.4		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229906	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1B S[illegible]1039-02	183572.4445.0710	Caulk/Glaze	26-Nov-12 08:58	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 13500	D	µg/kg dry	13500	6730	100	SW846 8082A	05-Dec-12	10-Dec-12	IMR	1229991	X
11104-28-2	Aroclor-1221	< 13500	D	µg/kg dry	13500	12100	100	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 13500	D	µg/kg dry	13500	8650	100	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 13500	D	µg/kg dry	13500	7940	100	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 13500	D	µg/kg dry	13500	6610	100	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**148,000**	D	µg/kg dry	13500	9880	100	"	"	"	"	"	X
11096-82-5	Aroclor-1260	**26,300**	D	µg/kg dry	13500	5160	100	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 13500	D	µg/kg dry	13500	12500	100	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 13500	D	µg/kg dry	13500	4230	100	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**99.8**		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229906	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
2A SB61039-03	183572.4445.0710	Caulk/Glaze	26-Nov-12 13:00	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 140		µg/kg dry	140	69.8	1	SW846 8082A	05-Dec-12	08-Dec-12	BLM	1229991	X
11104-28-2	Aroclor-1221	< 140		µg/kg dry	140	126	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 140		µg/kg dry	140	89.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 140		µg/kg dry	140	82.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	1,310		µg/kg dry	140	68.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	3,640		µg/kg dry	140	59.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	566		µg/kg dry	140	62.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 140		µg/kg dry	140	130	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 140		µg/kg dry	140	43.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.3		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229906	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
2B S[illegible]039-04	183572.4445.0710	Caulk/Glaze	26-Nov-12 13:05	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 135		µg/kg dry	135	67.6	1	SW846 8082A	05-Dec-12	08-Dec-12	BLM	1229991	X
11104-28-2	Aroclor-1221	< 135		µg/kg dry	135	122	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 135		µg/kg dry	135	86.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 135		µg/kg dry	135	79.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	1,460		µg/kg dry	135	66.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	3,880		µg/kg dry	135	57.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	534		µg/kg dry	135	51.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 135		µg/kg dry	135	126	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 135		µg/kg dry	135	42.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*135*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.6		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229907	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
2C SB61039-05	183572.4445.0710	Caulk/Glaze	26-Nov-12 13:11	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 184		µg/kg dry	184	91.8	1	SW846 8082A	05-Dec-12	08-Dec-12	BLM	1229991	X
11104-28-2	Aroclor-1221	< 184		µg/kg dry	184	166	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 184		µg/kg dry	184	116	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 184		µg/kg dry	184	108	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 184		µg/kg dry	184	90.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	14,100		µg/kg dry	184	78.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	1,860		µg/kg dry	184	82.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 184		µg/kg dry	184	171	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 184		µg/kg dry	184	57.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.2		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229907	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
3A S[illegible]039-06	183572.4445.0710	Caulk/Glaze	26-Nov-12 10:45	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 182		µg/kg dry	182	90.8	1	SW846 8082A	05-Dec-12	08-Dec-12	BLM	1229991	X
11104-28-2	Aroclor-1221	< 182		µg/kg dry	182	164	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 182		µg/kg dry	182	117	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 182		µg/kg dry	182	107	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	3,730		µg/kg dry	182	73.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 182		µg/kg dry	182	133	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 182		µg/kg dry	182	69.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 182		µg/kg dry	182	169	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 182		µg/kg dry	182	57.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229907	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
3B SB61039-07	183572.4445.0710	Caulk/Glaze	26-Nov-12 10:55	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 145		µg/kg dry	145	72.4	1	SW846 8082A	05-Dec-12	08-Dec-12	BLM	1229991	X
11104-28-2	Aroclor-1221	< 145		µg/kg dry	145	131	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 145		µg/kg dry	145	93.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 145		µg/kg dry	145	85.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	1,670		µg/kg dry	145	58.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 145		µg/kg dry	145	106	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 145		µg/kg dry	145	55.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 145		µg/kg dry	145	135	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 145		µg/kg dry	145	45.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229907	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
3C SB61039-08	183572.4445.0710	Caulk/Glaze	26-Nov-12 11:05	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 143		µg/kg dry	143	71.5	1	SW846 8082A	05-Dec-12	08-Dec-12	BLM	1229991	X
11104-28-2	Aroclor-1221	< 143		µg/kg dry	143	129	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 143		µg/kg dry	143	91.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 143		µg/kg dry	143	84.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 143		µg/kg dry	143	70.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	5,300		µg/kg dry	143	60.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	20,300		µg/kg dry	143	54.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 143		µg/kg dry	143	133	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 143		µg/kg dry	143	44.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.4		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229907	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
4A SB61039-09	183572.4445.0710	Caulk/Glaze	26-Nov-12 14:30	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 3620	D	µg/kg dry	3620	1810	20	SW846 8082A	05-Dec-12	10-Dec-12	IMR	1229991	X
11104-28-2	Aroclor-1221	< 3620	D	µg/kg dry	3620	3270	20	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 3620	D	µg/kg dry	3620	2330	20	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 3620	D	µg/kg dry	3620	2130	20	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 3620	D	µg/kg dry	3620	1780	20	"	"	"	"	"	X
11097-69-1	Aroclor-1254	160,000	D	µg/kg dry	3620	1540	20	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 3620	D	µg/kg dry	3620	1390	20	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 3620	D	µg/kg dry	3620	3380	20	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 3620	D	µg/kg dry	3620	1140	20	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229907	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
4B S[illegible]939-10	183572.4445.0710	Caulk/Glaze	26-Nov-12 14:40	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 8780	D	µg/kg dry	8780	4390	50	SW846 8082A	05-Dec-12	10-Dec-12	IMR	1229991	X
11104-28-2	Aroclor-1221	< 8780	D	µg/kg dry	8780	7910	50	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 8780	D	µg/kg dry	8780	5630	50	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 8780	D	µg/kg dry	8780	5170	50	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 8780	D	µg/kg dry	8780	4310	50	"	"	"	"	"	X
11097-69-1	Aroclor-1254	272,000	D	µg/kg dry	8780	3720	50	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 8780	D	µg/kg dry	8780	3360	50	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 8780	D	µg/kg dry	8780	8180	50	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 8780	D	µg/kg dry	8780	2760	50	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229907	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
4C SB61039-11	183572.4445.0710	Caulk/Glaze	26-Nov-12 14:45	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 9130	D	µg/kg dry	9130	4560	50	SW846 8082A	05-Dec-12	10-Dec-12	IMR	1229991	X
11104-28-2	Aroclor-1221	< 9130	D	µg/kg dry	9130	8220	50	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 9130	D	µg/kg dry	9130	5860	50	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 9130	D	µg/kg dry	9130	5380	50	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 9130	D	µg/kg dry	9130	4480	50	"	"	"	"	"	X
11097-69-1	Aroclor-1254	290,000	D	µg/kg dry	9130	3870	50	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 9130	D	µg/kg dry	9130	3500	50	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 9130	D	µg/kg dry	9130	8500	50	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 9130	D	µg/kg dry	9130	2870	50	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	100		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229907	

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* Reportable Detection Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
5A S[illegible]039-12	183572.4445.0710	Caulk/Glaze	26-Nov-12 13:18	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 161		µg/kg dry	161	80.4	1	SW846 8082A	05-Dec-12	08-Dec-12	BLM	1229991	X
11104-28-2	Aroclor-1221	< 161		µg/kg dry	161	145	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 161		µg/kg dry	161	103	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 161		µg/kg dry	161	94.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	2,270		µg/kg dry	161	65.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,400		µg/kg dry	161	68.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	402		µg/kg dry	161	61.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 161		µg/kg dry	161	150	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 161		µg/kg dry	161	50.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.5		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229907	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
5B SB61039-13	183572.4445.0710	Caulk/Glaze	26-Nov-12 14:05	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 191		µg/kg dry	191	95.4	1	SW846 8082A	05-Dec-12	08-Dec-12	BLM	1229991	X
11104-28-2	Aroclor-1221	< 191		µg/kg dry	191	172	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 191		µg/kg dry	191	123	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 191		µg/kg dry	191	112	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	2,100		µg/kg dry	191	77.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,980		µg/kg dry	191	140	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	993		µg/kg dry	191	73.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 191		µg/kg dry	191	178	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 191		µg/kg dry	191	59.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229907	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
5C [illegible]1039-14	183572.4445.0710	Caulk/Glaze	26-Nov-12 14:10	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 175		µg/kg dry	175	87.3	1	SW846 8082A	05-Dec-12	08-Dec-12	BLM	1229991	X
11104-28-2	Aroclor-1221	< 175		µg/kg dry	175	157	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 175		µg/kg dry	175	112	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 175		µg/kg dry	175	103	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	**2,100**		µg/kg dry	175	70.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**1,210**		µg/kg dry	175	74.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	**253**		µg/kg dry	175	67.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 175		µg/kg dry	175	163	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 175		µg/kg dry	175	54.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.9		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229907	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
6A SB61039-15	183572.4445.0710	Caulk/Glaze	26-Nov-12 13:33	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 148		µg/kg dry	148	74.2	1	SW846 8082A	05-Dec-12	08-Dec-12	BLM	1229991	X
11104-28-2	Aroclor-1221	< 148		µg/kg dry	148	134	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 148		µg/kg dry	148	95.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 148		µg/kg dry	148	87.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	1,340		µg/kg dry	148	72.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	3,380		µg/kg dry	148	63.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	408		µg/kg dry	148	56.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 148		µg/kg dry	148	138	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 148		µg/kg dry	148	46.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229907	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
6B [redacted]939-16	183572.4445.0710	Caulk/Glaze	26-Nov-12 13:38	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 165		µg/kg dry	165	82.6	1	SW846 8082A	05-Dec-12	08-Dec-12	BLM	1229991	X
11104-28-2	Aroclor-1221	< 165		µg/kg dry	165	149	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 165		µg/kg dry	165	106	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 165		µg/kg dry	165	97.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	934		µg/kg dry	165	67.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	273		µg/kg dry	165	121	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 165		µg/kg dry	165	63.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 165		µg/kg dry	165	154	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 165		µg/kg dry	165	51.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229907	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
6C SB61039-17	183572.4445.0710	Caulk/Glaze	26-Nov-12 13:40	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 109		µg/kg dry	109	54.6	1	SW846 8082A	05-Dec-12	08-Dec-12	BLM	1229991	X
11104-28-2	Aroclor-1221	< 109		µg/kg dry	109	98.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 109		µg/kg dry	109	70.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 109		µg/kg dry	109	64.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 109		µg/kg dry	109	53.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	961		µg/kg dry	109	46.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	213		µg/kg dry	109	41.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 109		µg/kg dry	109	102	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 109		µg/kg dry	109	34.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229907	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
7A S[illegible]039-18	183572.4445.0710	Caulk/Glaze	26-Nov-12 13:45	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 514	R01	µg/kg dry	514	257	1	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229991	X
11104-28-2	Aroclor-1221	< 514	R01	µg/kg dry	514	463	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 514	R01	µg/kg dry	514	330	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 514	R01	µg/kg dry	514	303	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 514	R01	µg/kg dry	514	252	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 514	R01	µg/kg dry	514	377	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 514	R01	µg/kg dry	514	197	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 514	R01	µg/kg dry	514	479	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 514	R01	µg/kg dry	514	161	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.9		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229907	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
8A SB61039-19	183572.4445.0710	Caulk/Glaze	26-Nov-12 14:35	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 190		µg/kg dry	190	94.8	1	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229991	X
11104-28-2	Aroclor-1221	< 190		µg/kg dry	190	171	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 190		µg/kg dry	190	122	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 190		µg/kg dry	190	112	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 190		µg/kg dry	190	93.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	10,100		µg/kg dry	190	80.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 190		µg/kg dry	190	72.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 190		µg/kg dry	190	177	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 190		µg/kg dry	190	59.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229907	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
8B S[illegible]039-20	183572.4445.0710	Caulk/Glaze	26-Nov-12 14:40	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 161		µg/kg dry	161	80.6	1	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229991	X
11104-28-2	Aroclor-1221	< 161		µg/kg dry	161	145	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 161		µg/kg dry	161	104	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 161		µg/kg dry	161	95.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 161		µg/kg dry	161	79.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	17,100		µg/kg dry	161	68.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 161		µg/kg dry	161	61.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 161		µg/kg dry	161	150	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 161		µg/kg dry	161	50.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229907	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
8C SB61039-21	183572.4445.0710	Caulk/Glaze	26-Nov-12 15:00	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1770	D	µg/kg dry	1770	884	10	SW846 8082A	05-Dec-12	10-Dec-12	IMR	1229992	X
11104-28-2	Aroclor-1221	< 1770	D	µg/kg dry	1770	1590	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1770	D	µg/kg dry	1770	1140	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1770	D	µg/kg dry	1770	1040	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	**23,100**	D	µg/kg dry	1770	869	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**93,400**	D	µg/kg dry	1770	1300	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1770	D	µg/kg dry	1770	679	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1770	D	µg/kg dry	1770	1650	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1770	D	µg/kg dry	1770	556	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229907	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
9A S[illegible]9-22	183572.4445.0710	Caulk/Glaze	26-Nov-12 11:40	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 195		µg/kg dry	195	97.3	1	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229992	X
11104-28-2	Aroclor-1221	< 195		µg/kg dry	195	175	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 195		µg/kg dry	195	125	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 195		µg/kg dry	195	115	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 195		µg/kg dry	195	95.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 195		µg/kg dry	195	143	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 195		µg/kg dry	195	74.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 195		µg/kg dry	195	181	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 195		µg/kg dry	195	61.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	06-Dec-12	05-Dec-12	DT	1229907	

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* Reportable Detection Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
9B SB61039-23	183572.4445.0710	Caulk/Glaze	26-Nov-12 11:42	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 194		µg/kg dry	194	97.1	1	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229992	X
11104-28-2	Aroclor-1221	< 194		µg/kg dry	194	175	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 194		µg/kg dry	194	125	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 194		µg/kg dry	194	114	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 194		µg/kg dry	194	95.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 194		µg/kg dry	194	143	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 194		µg/kg dry	194	74.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 194		µg/kg dry	194	181	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 194		µg/kg dry	194	61.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.7		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229907	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
9C S[illegible]39-24	183572.4445.0710	Caulk/Glaze	26-Nov-12 11:45	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 826	R01	µg/kg dry	826	413	1	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229992	X
11104-28-2	Aroclor-1221	< 826	R01	µg/kg dry	826	744	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 826	R01	µg/kg dry	826	530	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 826	R01	µg/kg dry	826	486	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 826	R01	µg/kg dry	826	405	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 826	R01	µg/kg dry	826	606	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 826	R01	µg/kg dry	826	317	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 826	R01	µg/kg dry	826	769	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 826	R01	µg/kg dry	826	259	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.7		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229908	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
10A	183572.4445.0710	Caulk/Glaze	27-Nov-12 08:08	03-Dec-12
SB61039-25				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 183		µg/kg dry	183	91.3	1	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229992	X
11104-28-2	Aroclor-1221	< 183		µg/kg dry	183	165	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 183		µg/kg dry	183	117	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 183		µg/kg dry	183	108	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	3,130		µg/kg dry	183	74.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	2,350		µg/kg dry	183	77.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 183		µg/kg dry	183	70.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 183		µg/kg dry	183	170	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 183		µg/kg dry	183	57.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229908	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
10B	183572.4445.0710	Caulk/Glaze	27-Nov-12 08:12	03-Dec-12
S[illegible]939-26				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 200		µg/kg dry	200	100	1	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229992	X
11104-28-2	Aroclor-1221	< 200		µg/kg dry	200	180	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 200		µg/kg dry	200	128	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 200		µg/kg dry	200	118	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	6,820		µg/kg dry	200	81.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	4,930		µg/kg dry	200	84.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 200		µg/kg dry	200	76.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 200		µg/kg dry	200	186	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 200		µg/kg dry	200	62.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229908	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
10C SB61039-27	183572.4445.0710	Caulk/Glaze	26-Nov-12 08:18	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 182		µg/kg dry	182	90.7	1	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229992	X
11104-28-2	Aroclor-1221	< 182		µg/kg dry	182	164	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 182		µg/kg dry	182	117	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 182		µg/kg dry	182	107	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 182		µg/kg dry	182	89.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	735		µg/kg dry	182	133	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 182		µg/kg dry	182	69.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 182		µg/kg dry	182	169	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 182		µg/kg dry	182	57.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229908	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
11A S[illegible]39-28	183572.4445.0710	Caulk/Glaze	26-Nov-12 11:39	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 134		µg/kg dry	134	66.9	1	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229992	X
11104-28-2	Aroclor-1221	< 134		µg/kg dry	134	121	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 134		µg/kg dry	134	85.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 134		µg/kg dry	134	78.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 134		µg/kg dry	134	65.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,730		µg/kg dry	134	98.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 268	R01	µg/kg dry	268	103	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 268	R01	µg/kg dry	268	249	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 268	R01	µg/kg dry	268	84.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*35*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*610*	S02		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.7		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229908	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
11B	183572.4445.0710	Caulk/Glaze	29-Nov-12 11:41	03-Dec-12
SB61039-29				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 120		µg/kg dry	120	59.8	1	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229992	X
11104-28-2	Aroclor-1221	< 120		µg/kg dry	120	108	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 120		µg/kg dry	120	76.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 120		µg/kg dry	120	70.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 120		µg/kg dry	120	58.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	2,000		µg/kg dry	120	50.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 239	R01	µg/kg dry	239	91.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 239	R01	µg/kg dry	239	223	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 239	R01	µg/kg dry	239	75.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*2040*	S02		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.5		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229908	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
11C S[illegible]39-30	183572.4445.0710	Caulk/Glaze	29-Nov-12 11:45	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 124		µg/kg dry	124	62.1	1	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229992	X
11104-28-2	Aroclor-1221	< 124		µg/kg dry	124	112	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 124		µg/kg dry	124	79.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 124		µg/kg dry	124	73.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 124		µg/kg dry	124	61.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,040		µg/kg dry	124	52.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 249	R01	µg/kg dry	249	95.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 249	R01	µg/kg dry	249	232	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 249	R01	µg/kg dry	249	78.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*3650*	S02		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.2		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229908	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
12A SB61039-31	183572.4445.0710	Caulk/Glaze	26-Nov-12 11:15	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 717	R01	µg/kg dry	717	358	1	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229992	X
11104-28-2	Aroclor-1221	< 717	R01	µg/kg dry	717	646	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 717	R01	µg/kg dry	717	460	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 717	R01	µg/kg dry	717	422	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 717	R01	µg/kg dry	717	352	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 717	R01	µg/kg dry	717	526	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 717	R01	µg/kg dry	717	275	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 717	R01	µg/kg dry	717	668	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 717	R01	µg/kg dry	717	225	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.4		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229908	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
12B SB61039-32	183572.4445.0710	Caulk/Glaze	26-Nov-12 11:30	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 870	R01	µg/kg dry	870	435	1	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229992	X
11104-28-2	Aroclor-1221	< 870	R01	µg/kg dry	870	784	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 870	R01	µg/kg dry	870	559	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 870	R01	µg/kg dry	870	513	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 870	R01	µg/kg dry	870	427	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 870	R01	µg/kg dry	870	638	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 870	R01	µg/kg dry	870	334	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 870	R01	µg/kg dry	870	811	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 870	R01	µg/kg dry	870	273	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.6		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229908	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
13A SB61039-33	183572.4445.0710	Caulk/Glaze	27-Nov-12 10:38	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 166		µg/kg dry	166	82.7	1	SW846 8082A	05-Dec-12	10-Dec-12	IMR	1229992	X
11104-28-2	Aroclor-1221	< 166		µg/kg dry	166	149	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 166		µg/kg dry	166	106	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 166		µg/kg dry	166	97.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 166		µg/kg dry	166	81.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,350		µg/kg dry	166	70.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	331		µg/kg dry	166	63.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 166		µg/kg dry	166	154	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 166		µg/kg dry	166	52.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.9		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229908	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
13B S[redacted]39-34	183572.4445.0710	Caulk/Glaze	27-Nov-12 10:48	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 144		µg/kg dry	144	71.8	1	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229992	X
11104-28-2	Aroclor-1221	< 144		µg/kg dry	144	129	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 144		µg/kg dry	144	92.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 144		µg/kg dry	144	84.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	352		µg/kg dry	144	58.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	352		µg/kg dry	144	60.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 144		µg/kg dry	144	55.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 144		µg/kg dry	144	134	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 144		µg/kg dry	144	45.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	98.2		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229908	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
13C SB61039-35	183572.4445.0710	Caulk/Glaze	27-Nov-12 11:22	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 189		µg/kg dry	189	94.4	1	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229992	X
11104-28-2	Aroclor-1221	< 189		µg/kg dry	189	170	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 189		µg/kg dry	189	121	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 189		µg/kg dry	189	111	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	406		µg/kg dry	189	76.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	916		µg/kg dry	189	80.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	1,660		µg/kg dry	189	72.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 189		µg/kg dry	189	176	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 189		µg/kg dry	189	59.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.7		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229908	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
14A SB61039-36	183572.4445.0710	Caulk/Glaze	27-Nov-12 08:25	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1840	D	µg/kg dry	1840	917	10	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229992	X
11104-28-2	Aroclor-1221	< 1840	D	µg/kg dry	1840	1650	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1840	D	µg/kg dry	1840	1180	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1840	D	µg/kg dry	1840	1080	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1840	D	µg/kg dry	1840	901	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**57,100**	D	µg/kg dry	1840	1350	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1840	D	µg/kg dry	1840	704	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1840	D	µg/kg dry	1840	1710	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1840	D	µg/kg dry	1840	577	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**99.1**		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229908	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
14B	183572.4445.0710	Caulk/Glaze	27-Nov-12 08:30	03-Dec-12
SB61039-37				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1680	D	µg/kg dry	1680	841	10	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229992	X
11104-28-2	Aroclor-1221	< 1680	D	µg/kg dry	1680	1520	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1680	D	µg/kg dry	1680	1080	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1680	D	µg/kg dry	1680	992	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	**12,300**	D	µg/kg dry	1680	826	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**39,100**	D	µg/kg dry	1680	1240	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1680	D	µg/kg dry	1680	646	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1680	D	µg/kg dry	1680	1570	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1680	D	µg/kg dry	1680	529	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**99.1**		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229908	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
15A S[illegible]39-38	183572.4445.0710	Caulk/Glaze	27-Nov-12 10:40	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 990000	D	µg/kg dry	990000	495000	5000	SW846 8082A	05-Dec-12	10-Dec-12	IMR	1229992	X
11104-28-2	Aroclor-1221	< 990000	D	µg/kg dry	990000	892000	5000	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 990000	D	µg/kg dry	990000	636000	5000	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 990000	D	µg/kg dry	990000	583000	5000	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 990000	D	µg/kg dry	990000	486000	5000	"	"	"	"	"	X
11097-69-1	Aroclor-1254	10,800,000	D	µg/kg dry	990000	726000	5000	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 990000	D	µg/kg dry	990000	380000	5000	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 990000	D	µg/kg dry	990000	922000	5000	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 990000	D	µg/kg dry	990000	311000	5000	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	95.5		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229908	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
15B SB61039-39	183572.4445.0710	Caulk/Glaze	27-Nov-12 10:45	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 980000	D	µg/kg dry	980000	490000	5000	SW846 8082A	05-Dec-12	10-Dec-12	IMR	1229992	X
11104-28-2	Aroclor-1221	< 980000	D	µg/kg dry	980000	883000	5000	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 980000	D	µg/kg dry	980000	629000	5000	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 980000	D	µg/kg dry	980000	578000	5000	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 980000	D	µg/kg dry	980000	481000	5000	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**11,700,000**	D	µg/kg dry	980000	719000	5000	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 980000	D	µg/kg dry	980000	376000	5000	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 980000	D	µg/kg dry	980000	913000	5000	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 980000	D	µg/kg dry	980000	308000	5000	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.3		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229908	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
15C SB61039-40	183572.4445.0710	Caulk/Glaze	27-Nov-12 10:50	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 920000	D	µg/kg dry	920000	460000	5000	SW846 8082A	05-Dec-12	10-Dec-12	IMR	1229992	X
11104-28-2	Aroclor-1221	< 920000	D	µg/kg dry	920000	829000	5000	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 920000	D	µg/kg dry	920000	590000	5000	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 920000	D	µg/kg dry	920000	542000	5000	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 920000	D	µg/kg dry	920000	451000	5000	"	"	"	"	"	X
11097-69-1	Aroclor-1254	9,840,000	D	µg/kg dry	920000	675000	5000	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 920000	D	µg/kg dry	920000	353000	5000	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 920000	D	µg/kg dry	920000	857000	5000	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 920000	D	µg/kg dry	920000	289000	5000	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.0		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229908	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
16A SB61039-41	183572.4445.0710	Caulk/Glaze	27-Nov-12 08:55	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 208000	D	µg/kg dry	208000	104000	1000	SW846 8082A	05-Dec-12	10-Dec-12	BLM	1229993	X
11104-28-2	Aroclor-1221	< 208000	D	µg/kg dry	208000	187000	1000	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 208000	D	µg/kg dry	208000	133000	1000	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 208000	D	µg/kg dry	208000	122000	1000	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 208000	D	µg/kg dry	208000	102000	1000	"	"	"	"	"	X
11097-69-1	Aroclor-1254	3,210,000	D	µg/kg dry	208000	88100	1000	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 208000	D	µg/kg dry	208000	79600	1000	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 208000	D	µg/kg dry	208000	193000	1000	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 208000	D	µg/kg dry	208000	65200	1000	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	93.9		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229908	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
16B S[illegible]039-42	183572.4445.0710	Caulk/Glaze	27-Nov-12 09:10	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 209000	D	µg/kg dry	209000	104000	1000	SW846 8082A	05-Dec-12	10-Dec-12	BLM	1229993	X
11104-28-2	Aroclor-1221	< 209000	D	µg/kg dry	209000	188000	1000	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 209000	D	µg/kg dry	209000	134000	1000	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 209000	D	µg/kg dry	209000	123000	1000	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 209000	D	µg/kg dry	209000	103000	1000	"	"	"	"	"	X
11097-69-1	Aroclor-1254	11,800,000	D	µg/kg dry	209000	153000	1000	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 209000	D	µg/kg dry	209000	80100	1000	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 209000	D	µg/kg dry	209000	195000	1000	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 209000	D	µg/kg dry	209000	65600	1000	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	93.4		%			1	SM2540 G Mod.	05-Dec-12	06-Dec-12	DT	1229908	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
16C SB61039-43	183572.4445.0710	Caulk/Glaze	27-Nov-12 09:10	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1060000	D	µg/kg dry	1060000	530000	5000	SW846 8082A	05-Dec-12	10-Dec-12	BLM	1229993	X
11104-28-2	Aroclor-1221	< 1060000	D	µg/kg dry	1060000	956000	5000	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1060000	D	µg/kg dry	1060000	681000	5000	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1060000	D	µg/kg dry	1060000	625000	5000	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1060000	D	µg/kg dry	1060000	521000	5000	"	"	"	"	"	X
11097-69-1	Aroclor-1254	21,500,000	D	µg/kg dry	1060000	450000	5000	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1060000	D	µg/kg dry	1060000	407000	5000	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1060000	D	µg/kg dry	1060000	988000	5000	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1060000	D	µg/kg dry	1060000	333000	5000	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	94.2		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229908	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
17A S[illegible]039-44	183572.4445.0710	Caulk/Glaze	27-Nov-12 08:48	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1920	D	µg/kg dry	1920	957	10	SW846 8082A	05-Dec-12	10-Dec-12	BLM	1229993	X
11104-28-2	Aroclor-1221	< 1920	D	µg/kg dry	1920	1730	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1920	D	µg/kg dry	1920	1230	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1920	D	µg/kg dry	1920	1130	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1920	D	µg/kg dry	1920	940	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 1920	D	µg/kg dry	1920	1400	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1920	D	µg/kg dry	1920	734	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1920	D	µg/kg dry	1920	1780	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1920	D	µg/kg dry	1920	601	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*700*	S02		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229917	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SI1A	183572.4445.0710	Caulk/Glaze	27-Nov-12 11:45	03-Dec-12
SB61039-45				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 176		µg/kg dry	176	88.1	1	SW846 8082A	05-Dec-12	10-Dec-12	BLM	1229993	X
11104-28-2	Aroclor-1221	< 176		µg/kg dry	176	159	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 176		µg/kg dry	176	113	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 176		µg/kg dry	176	104	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 176		µg/kg dry	176	86.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	4,350		µg/kg dry	176	74.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	2,420		µg/kg dry	176	67.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 176		µg/kg dry	176	164	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 176		µg/kg dry	176	55.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229917	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SI1B	183572.4445.0710	Caulk/Glaze	27-Nov-12 11:50	03-Dec-12
S[illegible]039-46				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 170		µg/kg dry	170	85.0	1	SW846 8082A	05-Dec-12	10-Dec-12	BLM	1229993	X
11104-28-2	Aroclor-1221	< 170		µg/kg dry	170	153	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 170		µg/kg dry	170	109	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 170		µg/kg dry	170	100	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 170		µg/kg dry	170	83.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**5,700**		µg/kg dry	170	72.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	**961**		µg/kg dry	170	65.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 170		µg/kg dry	170	158	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 170		µg/kg dry	170	53.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*145*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**98.6**		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229917	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SI1C SB61039-47	183572.4445.0710	Caulk/Glaze	27-Nov-12 11:55	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 177		µg/kg dry	177	88.4	1	SW846 8082A	05-Dec-12	10-Dec-12	BLM	1229993	X
11104-28-2	Aroclor-1221	< 177		µg/kg dry	177	159	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 177		µg/kg dry	177	114	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 177		µg/kg dry	177	104	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 177		µg/kg dry	177	86.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	593		µg/kg dry	177	130	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 177		µg/kg dry	177	67.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 177		µg/kg dry	177	165	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 177		µg/kg dry	177	55.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229917	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SI2A	183572.4445.0710	Caulk/Glaze	27-Nov-12 12:00	03-Dec-12
S[illegible]039-48				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 179		µg/kg dry	179	89.7	1	SW846 8082A	05-Dec-12	10-Dec-12	BLM	1229993	X
11104-28-2	Aroclor-1221	< 179		µg/kg dry	179	162	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 179		µg/kg dry	179	115	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 179		µg/kg dry	179	106	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 179		µg/kg dry	179	88.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	673		µg/kg dry	179	132	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 179		µg/kg dry	179	68.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 179		µg/kg dry	179	167	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 179		µg/kg dry	179	56.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.7		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229917	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1229991 - SW846 3540C										
Blank (1229991-BLK1)						Prepared: 05-Dec-12 Analyzed: 08-Dec-12				
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
LCS (1229991-BS1)						Prepared: 05-Dec-12 Analyzed: 08-Dec-12				
Aroclor-1016	**199**		µg/kg wet	20.0	250		80	40-140		
Aroclor-1016 [2C]	**221**		µg/kg wet	20.0	250		88	40-140		
Aroclor-1260	**167**		µg/kg wet	20.0	250		67	40-140		
Aroclor-1260 [2C]	**152**		µg/kg wet	20.0	250		61	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*14.0*		µg/kg wet		*20.0*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
LCS Dup (1229991-BSD1)						Prepared: 05-Dec-12 Analyzed: 08-Dec-12				
Aroclor-1016	**205**		µg/kg wet	20.0	250		82	40-140	3	30
Aroclor-1016 [2C]	**224**		µg/kg wet	20.0	250		90	40-140	1	30
Aroclor-1260	**172**		µg/kg wet	20.0	250		69	40-140	3	30
Aroclor-1260 [2C]	**166**		µg/kg wet	20.0	250		66	40-140	9	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*14.0*		µg/kg wet		*20.0*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Duplicate (1229991-DUP1)			**Source: SB61039-16**			Prepared: 05-Dec-12 Analyzed: 08-Dec-12				
Aroclor-1016	< 173		µg/kg dry	173		BRL				30
Aroclor-1016 [2C]	< 173		µg/kg dry	173		BRL				30
Aroclor-1221	< 173		µg/kg dry	173		BRL				30
Aroclor-1221 [2C]	< 173		µg/kg dry	173		BRL				30
Aroclor-1232	< 173		µg/kg dry	173		BRL				30
Aroclor-1232 [2C]	< 173		µg/kg dry	173		BRL				30
Aroclor-1242	< 173		µg/kg dry	173		BRL				30
Aroclor-1242 [2C]	< 173		µg/kg dry	173		BRL				30
Aroclor-1248	**1610**	QM4	µg/kg dry	173		835			63	30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1229991 - SW846 3540C										
Duplicate (1229991-DUP1)			Source: SB61039-16		Prepared: 05-Dec-12 Analyzed: 08-Dec-12					
Aroclor-1248 [2C]	**1580**	QM4	µg/kg dry	173		934			51	30
Aroclor-1254	**1260**	QM4	µg/kg dry	173		273			129	30
Aroclor-1254 [2C]	**1280**	QM4	µg/kg dry	173		265			132	30
Aroclor-1260	**156**	J	µg/kg dry	173		BRL				30
Aroclor-1260 [2C]	**164**	J	µg/kg dry	173		BRL				30
Aroclor-1262	< 173		µg/kg dry	173		BRL				30
Aroclor-1262 [2C]	< 173		µg/kg dry	173		BRL				30
Aroclor-1268	< 173		µg/kg dry	173		BRL				30
Aroclor-1268 [2C]	< 173		µg/kg dry	173		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*190*		µg/kg dry		*173*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*208*		µg/kg dry		*173*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*164*		µg/kg dry		*173*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*216*		µg/kg dry		*173*		*125*	*30-150*		
Matrix Spike (1229991-MS1)			Source: SB61039-16		Prepared: 05-Dec-12 Analyzed: 08-Dec-12					
Aroclor-1016	**3140**	QM1	µg/kg dry	163	2040	BRL	154	40-140		
Aroclor-1016 [2C]	**3320**	QM1	µg/kg dry	163	2040	BRL	163	40-140		
Aroclor-1260	**1970**		µg/kg dry	163	2040	BRL	97	40-140		
Aroclor-1260 [2C]	**1950**		µg/kg dry	163	2040	BRL	96	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*195*		µg/kg dry		*163*		*120*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*228*		µg/kg dry		*163*		*140*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*179*		µg/kg dry		*163*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*244*		µg/kg dry		*163*		*150*	*30-150*		
Matrix Spike Dup (1229991-MSD1)			Source: SB61039-16		Prepared: 05-Dec-12 Analyzed: 08-Dec-12					
Aroclor-1016	**3560**	QM1	µg/kg dry	186	2320	BRL	153	40-140	0.5	30
Aroclor-1016 [2C]	**3570**	QM1	µg/kg dry	186	2320	BRL	154	40-140	6	30
Aroclor-1260	**2250**		µg/kg dry	186	2320	BRL	97	40-140	0.00003	30
Aroclor-1260 [2C]	**2120**		µg/kg dry	186	2320	BRL	91	40-140	5	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*279*		µg/kg dry		*186*		*150*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*242*		µg/kg dry		*186*		*130*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*195*		µg/kg dry		*186*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*260*		µg/kg dry		*186*		*140*	*30-150*		
Batch 1229992 - SW846 3540C										
Blank (1229992-BLK1)					Prepared: 05-Dec-12 Analyzed: 09-Dec-12					
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1229992 - SW846 3540C										
Blank (1229992-BLK1)					Prepared: 05-Dec-12 Analyzed: 09-Dec-12					
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
LCS (1229992-BS1)					Prepared: 05-Dec-12 Analyzed: 09-Dec-12					
Aroclor-1016	**201**		µg/kg wet	20.0	250		80	40-140		
Aroclor-1016 [2C]	**202**		µg/kg wet	20.0	250		81	40-140		
Aroclor-1260	**171**		µg/kg wet	20.0	250		68	40-140		
Aroclor-1260 [2C]	**156**		µg/kg wet	20.0	250		62	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
LCS Dup (1229992-BSD1)					Prepared: 05-Dec-12 Analyzed: 09-Dec-12					
Aroclor-1016	**202**		µg/kg wet	20.0	250		81	40-140	0.5	30
Aroclor-1016 [2C]	**208**		µg/kg wet	20.0	250		83	40-140	3	30
Aroclor-1260	**172**		µg/kg wet	20.0	250		69	40-140	0.6	30
Aroclor-1260 [2C]	**159**		µg/kg wet	20.0	250		64	40-140	2	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Duplicate (1229992-DUP1)			**Source: SB61039-33**		Prepared: 05-Dec-12 Analyzed: 09-Dec-12					
Aroclor-1016	< 177		µg/kg dry	177		BRL				30
Aroclor-1016 [2C]	< 177		µg/kg dry	177		BRL				30
Aroclor-1221	< 177		µg/kg dry	177		BRL				30
Aroclor-1221 [2C]	< 177		µg/kg dry	177		BRL				30
Aroclor-1232	< 177		µg/kg dry	177		BRL				30
Aroclor-1232 [2C]	< 177		µg/kg dry	177		BRL				30
Aroclor-1242	< 177		µg/kg dry	177		BRL				30
Aroclor-1242 [2C]	< 177		µg/kg dry	177		BRL				30
Aroclor-1248	< 177		µg/kg dry	177		BRL				30
Aroclor-1248 [2C]	< 177		µg/kg dry	177		BRL				30
Aroclor-1254	**1100**		µg/kg dry	177		1180			7	30
Aroclor-1254 [2C]	**1280**		µg/kg dry	177		1350			5	30
Aroclor-1260	**388**		µg/kg dry	177		331			16	30
Aroclor-1260 [2C]	**397**		µg/kg dry	177		315			23	30
Aroclor-1262	< 177		µg/kg dry	177		BRL				30
Aroclor-1262 [2C]	< 177		µg/kg dry	177		BRL				30
Aroclor-1268	< 177		µg/kg dry	177		BRL				30
Aroclor-1268 [2C]	< 177		µg/kg dry	177		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*168*		µg/kg dry		*177*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*168*		µg/kg dry		*177*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*141*		µg/kg dry		*177*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*168*		µg/kg dry		*177*		*95*	*30-150*		
Matrix Spike (1229992-MS1)			**Source: SB61039-33**		Prepared: 05-Dec-12 Analyzed: 09-Dec-12					
Aroclor-1016	**2480**		µg/kg dry	197	2460	BRL	101	40-140		
Aroclor-1016 [2C]	**2920**		µg/kg dry	197	2460	BRL	119	40-140		
Aroclor-1260	**2180**		µg/kg dry	197	2460	331	75	40-140		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1229992 - SW846 3540C										
Matrix Spike (1229992-MS1)			**Source: SB61039-33**		Prepared: 05-Dec-12 Analyzed: 09-Dec-12					
Aroclor-1260 [2C]	**2030**		µg/kg dry	197	2460	315	70	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*246*		µg/kg dry		*197*		*125*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*256*		µg/kg dry		*197*		*130*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*197*		µg/kg dry		*197*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*226*		µg/kg dry		*197*		*115*	*30-150*		
Matrix Spike Dup (1229992-MSD1)			**Source: SB61039-33**		Prepared: 05-Dec-12 Analyzed: 09-Dec-12					
Aroclor-1016	**2320**		µg/kg dry	182	2270	BRL	102	40-140	2	30
Aroclor-1016 [2C]	**2480**		µg/kg dry	182	2270	BRL	109	40-140	8	30
Aroclor-1260	**1800**		µg/kg dry	182	2270	331	65	40-140	15	30
Aroclor-1260 [2C]	**1740**		µg/kg dry	182	2270	315	63	40-140	10	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*227*		µg/kg dry		*182*		*125*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*227*		µg/kg dry		*182*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*154*		µg/kg dry		*182*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*200*		µg/kg dry		*182*		*110*	*30-150*		
Batch 1229993 - SW846 3540C										
Blank (1229993-BLK1)					Prepared: 05-Dec-12 Analyzed: 09-Dec-12					
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*24.0*		µg/kg wet		*20.0*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*26.0*		µg/kg wet		*20.0*		*130*	*30-150*		
LCS (1229993-BS1)					Prepared: 05-Dec-12 Analyzed: 09-Dec-12					
Aroclor-1016	**192**		µg/kg wet	20.0	250		77	40-140		
Aroclor-1016 [2C]	**210**		µg/kg wet	20.0	250		84	40-140		
Aroclor-1260	**164**		µg/kg wet	20.0	250		66	40-140		
Aroclor-1260 [2C]	**147**		µg/kg wet	20.0	250		59	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*14.0*		µg/kg wet		*20.0*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
LCS Dup (1229993-BSD1)					Prepared: 05-Dec-12 Analyzed: 09-Dec-12					
Aroclor-1016	**203**		µg/kg wet	20.0	250		81	40-140	6	30
Aroclor-1016 [2C]	**217**		µg/kg wet	20.0	250		87	40-140	3	30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1229993 - SW846 3540C										
LCS Dup (1229993-BSD1)					Prepared: 05-Dec-12 Analyzed: 09-Dec-12					
Aroclor-1260	**165**		µg/kg wet	20.0	250		66	40-140	0.6	30
Aroclor-1260 [2C]	**146**		µg/kg wet	20.0	250		58	40-140	0.7	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*15.0*		µg/kg wet		*20.0*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1229907 - General Preparation										
Duplicate (1229907-DUP1)			Source: SB61039-04			Prepared & Analyzed: 05-Dec-12				
% Solids	**95.9**		%			97.5			2	20
Batch 1229908 - General Preparation										
Duplicate (1229908-DUP1)			Source: SB61039-24			Prepared & Analyzed: 05-Dec-12				
% Solids	**98.7**		%			97.7			1	20

Notes and Definitions

D	Data reported from a dilution
GS1	Sample dilution required for high concentration of target analytes to be within the instrument calibration range.
QM1	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
QM4	Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.
R01	The Reporting Limit has been raised to account for matrix interference.
S01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
June O'Connor
Kimberly Wisk
Nicole Leja

Utilize CT DAS Contract Rates

SB 61039 OK

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 5

Special Handling:
- [x] Standard TAT - 7 to 10 business days
- [ ] Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: TRC
21 Griffin Rd North
Windsor CT 06095

Telephone #: 860 298 6266
Project Mgr. H. Laliberte

Invoice To: Henry Laliberte
TRC
21 Griffin Rd North
Windsor, CT 06095
P.O. No.: C183572 RQN: _____

Project No.: 183572-4445-00710
Site Name: BIA - Terminal B - Conc. B
Location: Windsor Locks State: CT
Sampler(s): YM / GK

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10= H_3PO_4 11= _____ 12= _____

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= caulk/glaze X2= _____ X3= _____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	PCB 8082/3540C								State-specific reporting standards:
61039-01	1A	11/26/12	1851	G	X1			1		X								C1 - int, room 147 (dr)
02	1B		0858					1		X								-
03	2A		1300					1		X								C2 - ext, door caulk
04	2B		1305					1		X								- ext, dr/vent caulk
05	2C		1311					1		X								- ext, east window
06	3A		1045					1		X								C3 - Gate B20 ramp
07	3B		1055					1		X								- room 130
08	3C		1105					1		X								- " 124B
09	4A		1430					1		X								C4 - ext, west side - south
10	4B		1440					1		X								-

Containers: Analyses:

MA DEP MCP CAM Report: Yes ☐ No ☐
CT DPH RCP Report: Yes ☒ No ☐

QA/QC Reporting Level
- [x] Standard
- [ ] No QC
- [ ] DQA*
- [ ] NY ASP A*
- [ ] NY ASP B*
- [ ] NJ Reduced*
- [ ] NJ Full*
- [ ] TIER II*
- [ ] TIER IV*
- [ ] Other _____

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	11/30/12	1630	
	[signature]	12/3/12	1700	30

- [ ] EDD Format _____
- [x] E-mail to HLaliberte@TRCsolutions.com

Condition upon receipt:
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

3B61039

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 5

Special Handling:
- [x] Standard TAT - 7 to 10 business days
- [ ] Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same

Telephone #:

Project Mgr.

Invoice To: Same

P.O. No.: C183572 RQN:

Project No.: 183572-4445-00710

Site Name: BFA-Term B - Concourse B

Location: Windsor Locks State: CT

Sampler(s): TM / GK

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10= H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=Caulk/Glazing X2= X3=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	PCB 8082/3540C								State-specific reporting standards:
61039-11	4C	11/26/12	1445	G	X1			1		X								C4-ext, west side south
12	5A		1318					1		X								C5-ext, room 147 (dr)
13	5B		1405					1		X								–
14	5C		1410					1		X								–
15	6A		1333					1		X								C6-ext, window sill
16	6B		1338					1		X								–
17	6C		1340					1		X								–
18	7A		1345					1		X								C7-ext, wall joint/seam
19	8A		1435					1		X								C8-ext, last slate window
20	8B		1440					1		X								–

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	11/30/12	1130	
[signature]	[signature]	12/3/12	1700	3C

- [ ] EDD Format _____
- [x] E-mail to tlolibert@TRCsolutions.com

Condition upon receipt:
- [ ] Ambient
- [ ] Iced
- [x] Refrigerated
- [ ] DI VOA Frozen
- [ ] Soil Jar Frozen

MA DEP MCP CAM Report: Yes [ ] No [ ]
CT DPH RCP Report: Yes [x] No [ ]

QA/QC Reporting Level
- [x] Standard
- [ ] No QC
- [ ] DQA*
- [ ] NY ASP A*
- [ ] NY ASP B*
- [ ] NJ Reduced*
- [ ] NJ Full*
- [ ] TIER II*
- [ ] TIER IV*
- [ ] Other _____

SB61039

SPECTRUM ANALYTICAL, INC.
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HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 3 of 5

Special Handling:
- ☒ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: same

Telephone #:

Project Mgr.

Invoice To: same

P.O. No.: C 183572 RQN:

Project No.: 183572-4445-00710

Site Name: BIA - Term B - Concourse B

Location: Windsor Locks State: CT

Sampler(s): JM / GK

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10= H_3PO_4 11= _____ 12= _____

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Caulk/Glazing X2= _____ X3= _____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	PCB 8082/3540C								
61039-31	8C	11/26/12	1500	G	X1			1		X								C8 - west side south left
32	9A		1140					1		X								C9 - at B17 boarding ramp
33	9B		1142					1		X								-
34	9C		1145					1		X								-
35	10A	11/27/12	0808					1		X								C10 - TWA Hold room
36	10B		0812					1		X								-
37	10C	11/26/12	0812					1		X								-
38	11A		1139					1		X								C11 - SE corner near TMB
39	11B	11/29/12	1141					1		X								-
40	11C		1145					1		X								-

Relinquished by:	Received by:	Date:	Time:	Temp°C
		12-3-12	9:12	
		11/30/12	1630	
	12/3/12	12-3-12	17:00	3.0

MA DEP MCP CAM Report: Yes ☐ No ☐
CT DPH RCP Report: Yes ☒ No ☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV* ☐ Other _____

State-specific reporting standards:

☐ EDD Format _____

☒ E-mail to HLaliberte@TRCsolutions.com

Condition upon receipt:
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

SB61039

SPECTRUM ANALYTICAL, INC.
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HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 4 of 5

Special Handling:
- ☒ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same

Telephone #:

Project Mgr.

Invoice To: Same

P.O. No.: C 183572 RQN:

Project No.: 183572-4445-00710

Site Name: BIA - Term B - Concourse B

Location: Windsor Locks State: CT

Sampler(s): TM / GK

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10= H_3PO_4 11= _____ 12= _____

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Caulk/Glazz X2= _____ X3= _____

G=Grab C=Composite

Containers: # of VOA Vials; # of Amber Glass; # of Clear Glass; # of Plastic

Analyses: RCB 8082/3540C

MA DEP MCP CAM Report: Yes ☐ No ☐
CT DPH RCP Report: Yes ☒ No ☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV* ☐ Other _____

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	RCB 8082/3540C	State-specific reporting standards:
61039-31	12A	11/26/12	1115	G	X1			1		X	C12 - B20 boarding, stg 1
32	12B	↓	1130	↓	↓			1		X	- ↓
33	13A	11/27/12	1038					1		X	WG1 - int/ext, rm 130
34	13B		1048					1		X	- ↓
35	13C		1122					1		X	- int/ext, rm 123E
36	14A		0825					1		X	WG2 - TWA Hold room
37	14B		0830					1		X	- ↓
38	15A		1040					1		X	WG3 - ext, west side south
39	15B		1045					1		X	- ↓
40	15C	↓	1050	↓	↓			1		X	- ext, end of bldg

Relinquished by:	Received by:	Date:	Time:	Temp°C
		11/30/12	1630	
		12-3-12	17:00	3.0

☐ EDD Format _____

☒ E-mail to Hhaliberte@TRCsolutions.com

Condition upon receipt: ☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

SB61039 OK

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CHAIN OF CUSTODY RECORD

Page 5 of 5

Special Handling:
- ☒ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
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- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same

Telephone #:

Project Mgr.

Invoice To: Same

P.O. No.: C 183572 RQN:

Project No.: 183572-4445-00710

Site Name: BIA-Term B-Concourse B

Location: Windsor Locks State: CT

Sampler(s): TM/GK

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Caulk/Glazer X2= X3=

G=Grab C=Composite

Containers: # of VOA Vials; # of Amber Glass; # of Clear Glass; # of Plastic

Analyses: PCB 8082/3540C

MA DEP MCP CAM Report: Yes ☐ No ☐
CT DPH RCP Report: Yes ☒ No ☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NYASP A* ☐ NYASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	PCB 8082/3540C	State-specific reporting standards:
61039-41	16A	11/27/12	0855	G	X1			1		X	WG4-ext, end of bldg
42	16B	↓	0910	↓	↓			1		X	– ↓
43	16C		0910					1		X	– B20 boarding ramp
44	17A		0848					1		X	DWG1-ext, B20 boarding ramp
45	SI1A		1145					1		X	SI1A-Room 126
46	SI1B		1150					1		X	– bridge
47	SI1C		1155					1		X	– ext, west side south
48	SI2A	↓	1200	↓	↓			1		X	SI2A-ext, TWA Hall rm

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	11/30/12	1630	
[signature]	[signature]	12-3-12	17:00	3C

☐ EDD Format

☒ E-mail to HLaliberte@TRCsolutions.com

Condition upon receipt:
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Report Date:
19-Aug-13 16:10

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
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HANIBAL TECHNOLOGY

Laboratory Report

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: Bradley International Airport-Windsor Locks, CT
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB74847-01	1	Caulk	09-Aug-13 10:20	12-Aug-13 12:50
SB74847-02	2	Caulk	09-Aug-13 11:21	12-Aug-13 12:50
SB74847-03	3	Caulk	09-Aug-13 11:44	12-Aug-13 12:50

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 10 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

Concourse B Bulks

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: Bradley International Airport-Windsor Locks, CT

Project Number: 183572.4445.0710

Sampling Date(s):
8/9/2013

Laboratory Sample ID(s):
SB74847-01 through SB74847-03

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	Yes	✓ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	Yes	✓ No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 8/19/2013

CASE NARRATIVE:

The samples were received 1.4 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8082A

Samples:

SB74847-01 *1*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB74847-02 *2*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB74847-03 *3*

SW846 8082A

Samples:

SB74847-03 *3*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

Sample Acceptance Check Form

Client:	TRC - Windsor, CT
Project:	Bradley International Airport-Windsor Locks, CT / 183572.4445.0710
Work Order:	SB74847
Sample(s) received on:	8/12/2013
Received by:	Tanya Krivolenko

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
1. Were custody seals present?	☐	☑	☐
2. Were custody seals intact?	☐	☐	☑
3. Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
4. Were samples cooled on ice upon transfer to laboratory representative?	☐	☑	☐
5. Were samples refrigerated upon transfer to laboratory representative?	☑	☐	☐
6. Were sample containers received intact?	☑	☐	☐
7. Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
8. Were samples accompanied by a Chain of Custody document?	☑	☐	☐
9. Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☑	☐	☐
10. Did sample container labels agree with Chain of Custody document?	☑	☐	☐
11. Were samples received within method-specific holding times?	☑	☐	☐

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1 S[illegible]847-01	183572.4445.0710	Caulk	09-Aug-13 10:20	12-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 164000	D	µg/kg dry	164000	123000	1000	SW846 8082A	14-Aug-13	19-Aug-13	BLM	1319508	X
11104-28-2	Aroclor-1221	< 164000	D	µg/kg dry	164000	148000	1000	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 164000	D	µg/kg dry	164000	105000	1000	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 164000	D	µg/kg dry	164000	98700	1000	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 164000	D	µg/kg dry	164000	85300	1000	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	1,770,000	D	µg/kg dry	164000	96100	1000	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 164000	D	µg/kg dry	164000	102000	1000	"	"	"	"	"	X
37324-23-5	Aroclor-1262	1,850,000	D	µg/kg dry	164000	153000	1000	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 164000	D	µg/kg dry	164000	67700	1000	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	95.9		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319389	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
2 SB74847-02	183572.4445.0710	Caulk	09-Aug-13 11:21	12-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 34400	D	µg/kg dry	34400	25700	200	SW846 8082A	14-Aug-13	19-Aug-13	BLM	1319508	X
11104-28-2	Aroclor-1221	< 34400	D	µg/kg dry	34400	31000	200	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 34400	D	µg/kg dry	34400	22100	200	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 34400	D	µg/kg dry	34400	20700	200	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 34400	D	µg/kg dry	34400	17900	200	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	1,470,000	D	µg/kg dry	34400	20200	200	"	"	"	"	"	X
11096-82-5	Aroclor-1260	1,120,000	D	µg/kg dry	34400	21300	200	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 34400	D	µg/kg dry	34400	32100	200	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 34400	D	µg/kg dry	34400	14200	200	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	95.8		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319389	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
3 SP[illegible]847-03	183572.4445.0710	Caulk	09-Aug-13 11:44	12-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 18200	D	µg/kg dry	18200	13600	100	SW846 8082A	14-Aug-13	19-Aug-13	BLM	1319508	X
11104-28-2	Aroclor-1221	< 18200	D	µg/kg dry	18200	16400	100	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 18200	D	µg/kg dry	18200	11700	100	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 18200	D	µg/kg dry	18200	11000	100	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 18200	D	µg/kg dry	18200	9480	100	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	365,000	D	µg/kg dry	18200	10700	100	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 18200	D	µg/kg dry	18200	11300	100	"	"	"	"	"	X
37324-23-5	Aroclor-1262	3,350,000	D	µg/kg dry	18200	17000	100	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 18200	D	µg/kg dry	18200	7520	100	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	95.7		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319389	

This laboratory report is not valid without an authorized signature on the cover page.

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1319508 - SW846 3540C										
Blank (1319508-BLK1)					Prepared: 14-Aug-13 Analyzed: 16-Aug-13					
Aroclor-1016	< 66.7		µg/kg wet	66.7						
Aroclor-1016 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1221	< 66.7		µg/kg wet	66.7						
Aroclor-1221 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1232	< 66.7		µg/kg wet	66.7						
Aroclor-1232 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1242	< 66.7		µg/kg wet	66.7						
Aroclor-1242 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1248	< 66.7		µg/kg wet	66.7						
Aroclor-1248 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1254	< 66.7		µg/kg wet	66.7						
Aroclor-1254 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1260	< 66.7		µg/kg wet	66.7						
Aroclor-1260 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1262	< 66.7		µg/kg wet	66.7						
Aroclor-1262 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1268	< 66.7		µg/kg wet	66.7						
Aroclor-1268 [2C]	< 66.7		µg/kg wet	66.7						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*76.7*		µg/kg wet		*66.7*		*115*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*66.7*		µg/kg wet		*66.7*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*73.3*		µg/kg wet		*66.7*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*56.7*		µg/kg wet		*66.7*		*85*	*30-150*		
LCS (1319508-BS1)					Prepared: 14-Aug-13 Analyzed: 16-Aug-13					
Aroclor-1016	**820**		µg/kg wet	66.7	833		98	40-140		
Aroclor-1016 [2C]	**707**		µg/kg wet	66.7	833		85	40-140		
Aroclor-1260	**863**		µg/kg wet	66.7	833		104	40-140		
Aroclor-1260 [2C]	**663**		µg/kg wet	66.7	833		80	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*76.7*		µg/kg wet		*66.7*		*115*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*70.0*		µg/kg wet		*66.7*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*83.3*		µg/kg wet		*66.7*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
LCS Dup (1319508-BSD1)					Prepared: 14-Aug-13 Analyzed: 16-Aug-13					
Aroclor-1016	**823**		µg/kg wet	66.7	833		99	40-140	0.4	30
Aroclor-1018 [2C]	**743**		µg/kg wet	66.7	833		89	40-140	5	30
Aroclor-1260	**780**		µg/kg wet	66.7	833		94	40-140	10	30
Aroclor-1260 [2C]	**757**		µg/kg wet	66.7	833		91	40-140	13	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*76.7*		µg/kg wet		*66.7*		*115*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*73.3*		µg/kg wet		*66.7*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*83.3*		µg/kg wet		*66.7*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*63.3*		µg/kg wet		*66.7*		*95*	*30-150*		

Notes and Definitions

D	Data reported from a dilution
S1	Sample dilution required for high concentration of target analytes to be within the instrument calibration range.
S01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical proeess.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
Kimberly Wisk

CT DAS Rates Apply

SB 74847 OK

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: 5 day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Henry Caliberte
21 Griffin Rd North
Windsor CT 06095
Telephone #: 860-798-5689
Project Mgr. Same

Invoice To: Same
P.O. No.: C183572 RQN:

Project No.: 183572.4445.0710
Site Name: Bradley International Airport Concourse B
Location: Windsor Locks State: CT
Sampler(s): M Kostrubs, G Kaczynski

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= Cool 12=

List preservative code below: 1

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Cool X2= X3=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: Fuel/3560 C							
74847-01	1	8/9/13	1020	G	X1			1		X							
02	2		1121														
03	3		1144														

Containers:

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☑ No☐

QA/QC Reporting Level
☑ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV* ☐ Other

State-specific reporting standards:
CCI - Concourse B - Hold Room - North side
CCI - Concourse B - Hold Room - East
CCI - Concourse B RM 147A

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	8-12-13	1200	
[signature]	[signature]	8/9/13	1100	
	[signature]	8-12-13	12:50	

☐ EDD Format
☐ E-mail to HCaliberte@trcsolutions.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

24/-1/14 IR02

Report Date:
03-Oct-13 15:10

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Concourse B

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: Conn DOT - Windsor Locks, CT
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB77709-01	1-DWG1	Caulk	27-Sep-13 16:35	01-Oct-13 16:10

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 8 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

State Of Connecticut
Department of Environmental Protection
Laboratory Quality Control and Quality Assurance Form

Laboratory Name: Spectrum Analytical, Inc.

Project Location: Conn DOT - Windsor Locks, CT

Project Name and Number: Conn DOT - Windsor Locks, CT / 183572.4445.0710

This form provides certification for the following data set: SB77709-01

Sample matrices:	**Analytical methods used:**
Caulk	SM2540 G Mod. SW846 8082A

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain of Custody documentation for the data set?	☑ Yes	☐ No
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed?	☑ Yes	☐ No
C	Were all QC performance standards and recommendations for the specified methods achieved?	☑ Yes	☐ No
D	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☑ Yes	☐ No *

* The compounds and/or elements reported are as specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

Negative responses for A, B and C are addressed in a case narrative on the cover page of this report.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 10/3/2013

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: Conn DOT - Windsor Locks, CT

Project Number: 183572.4445.0710

Sampling Date(s):
9/27/2013

Laboratory Sample ID(s):
SB77709-01

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	✓ Yes	No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	Yes	✓ No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 10/3/2013

CASE NARRATIVE:

The samples were received 2.5 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8082A

Samples:

SB77709-01 *1-DWG1*

The Reporting Limit has been raised to account for matrix interference.

Sample Acceptance Check Form

ient:	TRC - Windsor, CT
Project:	Conn DOT - Windsor Locks, CT / 183572.4445.0710
Work Order:	SB77709
Sample(s) received on:	10/1/2013
Received by:	Tanya Krivolenko

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
1. Were custody seals present?	☐	☑	☐
2. Were custody seals intact?	☐	☐	☑
3. Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
4. Were samples cooled on ice upon transfer to laboratory representative?	☐	☑	☐
5. Were samples refrigerated upon transfer to laboratory representative?	☑	☐	☐
6. Were sample containers received intact?	☑	☐	☐
7. Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
8. Were samples accompanied by a Chain of Custody document?	☑	☐	☐
9. Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☑	☐	☐
10. Did sample container labels agree with Chain of Custody document?	☑	☐	☐
11. Were samples received within method-specific holding times?	☑	☐	☐

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1-DWG1 SB77709-01	183572.4445.0710	Caulk	27-Sep-13 16:35	01-Oct-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 376	D	µg/kg dry	376	281	2	SW846 8082A	01-Oct-13	02-Oct-13	IMR	1323682	X
11104-28-2	Aroclor-1221	< 376	D	µg/kg dry	376	339	2	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 376	D	µg/kg dry	376	242	2	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 376	D	µg/kg dry	376	226	2	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 376	D	µg/kg dry	376	196	2	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 376	D	µg/kg dry	376	314	2	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 376	D	µg/kg dry	376	233	2	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 376	D	µg/kg dry	376	351	2	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 376	D	µg/kg dry	376	155	2	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	02-Oct-13	02-Oct-13	DT	1323771	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1323682 - SW846 3540C										
Blank (1323682-BLK1)					Prepared: 01-Oct-13 Analyzed: 02-Oct-13					
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
LCS (1323682-BS1)					Prepared: 01-Oct-13 Analyzed: 02-Oct-13					
Aroclor-1016	**214**		µg/kg wet	20.0	250		86	40-140		
Aroclor-1016 [2C]	**217**		µg/kg wet	20.0	250		87	40-140		
Aroclor-1260	**201**		µg/kg wet	20.0	250		80	40-140		
Aroclor-1260 [2C]	**209**		µg/kg wet	20.0	250		84	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.0*		µg/kg wet		*20.0*		*75*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
LCS Dup (1323682-BSD1)					Prepared: 01-Oct-13 Analyzed: 02-Oct-13					
Aroclor-1016	**214**		µg/kg wet	20.0	250		86	40-140	0	30
Aroclor-1016 [2C]	**207**		µg/kg wet	20.0	250		83	40-140	5	30
Aroclor-1260	**194**		µg/kg wet	20.0	250		78	40-140	4	30
Aroclor-1260 [2C]	**205**		µg/kg wet	20.0	250		82	40-140	2	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		

Notes and Definitions

D	Data reported from a dilution
R01	The Reporting Limit has been raised to account for matrix interference.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
June O'Connor

Utilize CT DAS Rules

SB77209KM

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 2 Day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: TRC Environmental
21 Griffin Rd North
Windsor, CT 06095

Telephone #: 860-298-9692
Project Mgr. Hugh Lalibre

Invoice To: (Same as Report)

P.O. No.: C183572 RQN:

Project No.: 183572.4445.0710
Site Name: ConnDOT - BIA - Contract #8
Location: Windsor Locks, CT State: CT
Sampler(s): Mike Kostak

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10= H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Cash X2= X3=

G=Grab C=Composite

MA DEP MCP CAM Report: Yes ☐ No ☐
CT DPH RCP Report: Yes ☒ No ☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		Analyses: 8082/3540C							
SB77209	1-DWG1	9/27/13	1635	G	X1		1				X							820 Bandy Ramp

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	10-1-13	955	
[signature]	[signature]	10-1-13	1610	

☐ EDD Format
☒ E-mail to HLalibrte@TRCsolutions.com
GKaczynski@TRCsolutions.com

Condition upon receipt: ☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

3 1/1/25 IR 02

Report Date:
03-Dec-12 15:20

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Erik Plimpton

Project: Bradley International Airport-Windsor Locks, CT
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB60550-01	1-A	Caulk	19-Nov-12 08:55	21-Nov-12 13:15
SB60550-02	1-B	Caulk	19-Nov-12 09:10	21-Nov-12 13:15
SB60550-03	1-C	Caulk	19-Nov-12 09:15	21-Nov-12 13:15
SB60550-04	2-A	Caulk	19-Nov-12 09:20	21-Nov-12 13:15
SB60550-05	2-B	Caulk	19-Nov-12 10:20	21-Nov-12 13:15
SB60550-06	2-C	Caulk	19-Nov-12 10:30	21-Nov-12 13:15
SB60550-07	3-A	Caulk	19-Nov-12 09:25	21-Nov-12 13:15
SB60550-08	3-B	Caulk	19-Nov-12 11:05	21-Nov-12 13:15
SB60550-09	3-C	Caulk	19-Nov-12 11:40	21-Nov-12 13:15
SB60550-10	4-A	Glaze	19-Nov-12 09:30	21-Nov-12 13:15
SB60550-11	4-B	Glaze	19-Nov-12 09:40	21-Nov-12 13:15
SB60550-12	4-C	Glaze	19-Nov-12 09:48	21-Nov-12 13:15
SB60550-13	5-A	Caulk	19-Nov-12 15:24	21-Nov-12 13:15
SB60550-14	5-B	Caulk	19-Nov-12 15:15	21-Nov-12 13:15
SB60550-15	5-C	Caulk	19-Nov-12 15:18	21-Nov-12 13:15
SB60550-16	6-A	Caulk	19-Nov-12 09:40	21-Nov-12 13:15
SB60550-17	6-B	Caulk	19-Nov-12 14:10	21-Nov-12 13:15
SB60550-18	6-C	Caulk	19-Nov-12 14:20	21-Nov-12 13:15
SB60550-19	7-A	Caulk	19-Nov-12 10:00	21-Nov-12 13:15
SB60550-20	7-B	Caulk	19-Nov-12 10:04	21-Nov-12 13:15
SB60550-21	8-A	Caulk	19-Nov-12 10:10	21-Nov-12 13:15
SB60550-22	9-A	Glaze	19-Nov-12 10:30	21-Nov-12 13:15
SB60550-23	9-B	Glaze	19-Nov-12 10:54	21-Nov-12 13:15
SB60550-24	10-A	Glaze	19-Nov-12 11:15	21-Nov-12 13:15
SB60550-25	10-B	Glaze	19-Nov-12 11:27	21-Nov-12 13:15
SB60550-26	10-C	Glaze	19-Nov-12 11:39	21-Nov-12 13:15
SB60550-27	11-A	Caulk	19-Nov-12 14:00	21-Nov-12 13:15
SB60550-28	11-B	Caulk	19-Nov-12 14:10	21-Nov-12 13:15
SB60550-29	11-C	Caulk	19-Nov-12 14:19	21-Nov-12 13:15
SB60550-30	12-A	Caulk	19-Nov-12 14:50	21-Nov-12 13:15
SB60550-31	12-B	Caulk	19-Nov-12 15:00	21-Nov-12 13:15
SB60550-32	13-A	Glaze	19-Nov-12 15:05	21-Nov-12 13:15
SB60550-33	13-B	Glaze	19-Nov-12 15:06	21-Nov-12 13:15
SB60550-34	14-A	Glaze	19-Nov-12 13:50	21-Nov-12 13:15
SB60550-35	14-B	Glaze	19-Nov-12 13:45	21-Nov-12 13:15
SB60550-36	14-C	Glaze	19-Nov-12 13:55	21-Nov-12 13:15
SB60550-37	15-A	Glaze	19-Nov-12 09:50	21-Nov-12 13:15

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 53 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: Bradley International Airport-Windsor Locks, CT

Project Number: 183572.4445.0710

Sampling Date(s):
11/19/2012

Laboratory Sample ID(s):
SB60550-01 through SB60550-38

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	✓ Yes	No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	✓ Yes	No

Note: **For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."**

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 12/3/2012

CASE NARRATIVE:

The samples were received 1.4 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8082A

Spikes:

1229093-MS1 *Source: SB60550-01*

The Reporting Limit has been raised to account for matrix interference.

The spike recovery was outside of QC acceptance limits for the MS, MSD and/or PS due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.

Aroclor-1016
Aroclor-1016 [2C]
Aroclor-1260
Aroclor-1260 [2C]

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

1229093-MSD1 *Source: SB60550-01*

The Reporting Limit has been raised to account for matrix interference.

SW846 8082A

Spikes:

1229093-MSD1 *Source: SB60550-01*

The spike recovery was outside of QC acceptance limits for the MS, MSD and/or PS due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.

Aroclor-1016
Aroclor-1016 [2C]
Aroclor-1260
Aroclor-1260 [2C]

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

1229094-MS1 *Source: SB60550-18*

The Reporting Limit has been raised to account for matrix interference.

The spike recovery was outside of QC acceptance limits for the MS, MSD and/or PS due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.

Aroclor-1016
Aroclor-1016 [2C]
Aroclor-1260
Aroclor-1260 [2C]

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

1229094-MSD1 *Source: SB60550-18*

The Reporting Limit has been raised to account for matrix interference.

The spike recovery was outside of QC acceptance limits for the MS, MSD and/or PS due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.

Aroclor-1016
Aroclor-1016 [2C]
Aroclor-1260
Aroclor-1260 [2C]

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

Duplicates:

1229093-DUP1 *Source: SB60550-01*

The Reporting Limit has been raised to account for matrix interference.

SW846 8082A

Duplicates:

1229093-DUP1 *Source: SB60550-01*

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

1229094-DUP1 *Source: SB60550-18*

The Reporting Limit has been raised to account for matrix interference.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

Samples:

SB60550-01 *1-A*

The Reporting Limit has been raised to account for matrix interference.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB60550-02 *1-B*

The Reporting Limit has been raised to account for matrix interference.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB60550-03 *1-C*

The Reporting Limit has been raised to account for matrix interference.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB60550-04 *2-A*

SW846 8082A

Samples:

SB60550-04 *2-A*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB60550-05 *2-B*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB60550-06 *2-C*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB60550-10 *4-A*

The Reporting Limit has been raised to account for matrix interference.

SB60550-11 *4-B*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB60550-12 *4-C*

The Reporting Limit has been raised to account for matrix interference.

SW846 8082A

Samples:

SB60550-12 *4-C*

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB60550-16 *6-A*

The Reporting Limit has been raised to account for matrix interference.

SB60550-17 *6-B*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB60550-18 *6-C*

The Reporting Limit has been raised to account for matrix interference.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB60550-19 *7-A*

The Reporting Limit has been raised to account for matrix interference.

SB60550-20 *7-B*

The Reporting Limit has been raised to account for matrix interference.

SB60550-21 *8-A*

The Reporting Limit has been raised to account for matrix interference.

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

4,4-DB-Octafluorobiphenyl (Sr) [2C]

SB60550-22 *9-A*

The Reporting Limit has been raised to account for matrix interference.

SB60550-23 *9-B*

The Reporting Limit has been raised to account for matrix interference.

SW846 8082A

Samples:

SB60550-24 *10-A*

The Reporting Limit has been raised to account for matrix interference.

SB60550-25 *10-B*

The Reporting Limit has been raised to account for matrix interference.

SB60550-26 *10-C*

The Reporting Limit has been raised to account for matrix interference.

SB60550-32 *13-A*

The Reporting Limit has been raised to account for matrix interference.

SB60550-33 *13-B*

The Reporting Limit has been raised to account for matrix interference.

SB60550-34 *14-A*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB60550-35 *14-B*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB60550-36 *14-C*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB60550-38 *16-A*

The Reporting Limit has been raised to account for matrix interference.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1-A SB60550-01	183572.4445.0710	Caulk	19-Nov-12 08:55	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 16300	D	µg/kg dry	16300	8160	100	SW846 8082A	27-Nov-12	01-Dec-12	IMR	1229093	X
11104-28-2	Aroclor-1221	< 16300	D	µg/kg dry	16300	14700	100	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 16300	D	µg/kg dry	16300	10500	100	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 16300	D	µg/kg dry	16300	9620	100	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 16300	D	µg/kg dry	16300	8010	100	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 16300	D	µg/kg dry	16300	12000	100	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 16300	D	µg/kg dry	16300	6260	100	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 16300	D	µg/kg dry	16300	15200	100	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 16300	D	µg/kg dry	16300	5130	100	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229186	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1-B S[illegible]0550-02	183572.4445.0710	Caulk	19-Nov-12 09:10	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 17900	D	µg/kg dry	17900	8930	100	SW846 8082A	27-Nov-12	01-Dec-12	IMR	1229093	X
11104-28-2	Aroclor-1221	< 17900	D	µg/kg dry	17900	16100	100	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 17900	D	µg/kg dry	17900	11500	100	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 17900	D	µg/kg dry	17900	10500	100	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 17900	D	µg/kg dry	17900	8770	100	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 17900	D	µg/kg dry	17900	13100	100	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 17900	D	µg/kg dry	17900	6850	100	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 17900	D	µg/kg dry	17900	16700	100	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 17900	D	µg/kg dry	17900	5810	100	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.6		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229186	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1-C SB60550-03	183572.4445.0710	Caulk	19-Nov-12 09:15	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 19300	D	µg/kg dry	19300	9630	100	SW846 8082A	27-Nov-12	01-Dec-12	IMR	1229093	X
11104-28-2	Aroclor-1221	< 19300	D	µg/kg dry	19300	17400	100	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 19300	D	µg/kg dry	19300	12400	100	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 19300	D	µg/kg dry	19300	11400	100	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 19300	D	µg/kg dry	19300	9460	100	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 19300	D	µg/kg dry	19300	14100	100	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 19300	D	µg/kg dry	19300	7390	100	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 19300	D	µg/kg dry	19300	18000	100	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 19300	D	µg/kg dry	19300	6050	100	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229186	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
2-A SP[illegible]550-04	183572.4445.0710	Caulk	19-Nov-12 09:20	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 2100000	D	µg/kg dry	2100000	1050000	10000	SW846 8082A	27-Nov-12	01-Dec-12	IMR	1229093	X
11104-28-2	Aroclor-1221	< 2100000	D	µg/kg dry	2100000	1900000	10000	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 2100000	D	µg/kg dry	2100000	1350000	10000	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 2100000	D	µg/kg dry	2100000	1240000	10000	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 2100000	D	µg/kg dry	2100000	1030000	10000	"	"	"	"	"	X
11097-69-1	Aroclor-1254	114,000,000	D	µg/kg dry	2100000	893000	10000	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 2100000	D	µg/kg dry	2100000	807000	10000	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 2100000	D	µg/kg dry	2100000	1960000	10000	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 2100000	D	µg/kg dry	2100000	661000	10000	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	93.6		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229186	

This laboratory report is not valid without an authorized signature on the cover page.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
2-B SB60550-05	183572.4445.0710	Caulk	19-Nov-12 10:20	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 2000000	D	µg/kg dry	2000000	998000	10000	SW846 8082A	27-Nov-12	01-Dec-12	IMR	1229093	X
11104-28-2	Aroclor-1221	< 2000000	D	µg/kg dry	2000000	1800000	10000	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 2000000	D	µg/kg dry	2000000	1280000	10000	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 2000000	D	µg/kg dry	2000000	1180000	10000	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 2000000	D	µg/kg dry	2000000	980000	10000	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**120,000,000**	D	µg/kg dry	2000000	848000	10000	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 2000000	D	µg/kg dry	2000000	766000	10000	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 2000000	D	µg/kg dry	2000000	1860000	10000	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 2000000	D	µg/kg dry	2000000	627000	10000	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	91.2		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229186	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
2-C SD60550-06	183572.4445.0710	Caulk	19-Nov-12 10:30	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1730000	D	µg/kg dry	1730000	863000	10000	SW846 8082A	27-Nov-12	01-Dec-12	IMR	1229093	X
11104-28-2	Aroclor-1221	< 1730000	D	µg/kg dry	1730000	1560000	10000	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1730000	D	µg/kg dry	1730000	1110000	10000	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1730000	D	µg/kg dry	1730000	1020000	10000	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1730000	D	µg/kg dry	1730000	847000	10000	"	"	"	"	"	X
11097-69-1	Aroclor-1254	83,200,000	D	µg/kg dry	1730000	733000	10000	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1730000	D	µg/kg dry	1730000	662000	10000	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1730000	D	µg/kg dry	1730000	1610000	10000	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1730000	D	µg/kg dry	1730000	542000	10000	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	94.5		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229186	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
3-A SB60550-07	183572.4445.0710	Caulk	19-Nov-12 09:25	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 193		µg/kg dry	193	96.5	1	SW846 8082A	27-Nov-12	01-Dec-12	IMR	1229093	X
11104-28-2	Aroclor-1221	< 193		µg/kg dry	193	174	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 193		µg/kg dry	193	124	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 193		µg/kg dry	193	114	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 193		µg/kg dry	193	94.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	42,700		µg/kg dry	193	81.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 193		µg/kg dry	193	74.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 193		µg/kg dry	193	180	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 193		µg/kg dry	193	60.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*140*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229190	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
3-B [illegible]550-08	183572.4445.0710	Caulk	19-Nov-12 11:05	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 170		µg/kg dry	170	85.1	1	SW846 8082A	27-Nov-12	01-Dec-12	IMR	1229093	X
11104-28-2	Aroclor-1221	< 170		µg/kg dry	170	153	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 170		µg/kg dry	170	109	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 170		µg/kg dry	170	100	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 170		µg/kg dry	170	83.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	9,780		µg/kg dry	170	72.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 170		µg/kg dry	170	65.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 170		µg/kg dry	170	159	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 170		µg/kg dry	170	53.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229190	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
3-C SB60550-09	183572.4445.0710	Caulk	19-Nov-12 11:40	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 184		µg/kg dry	184	91.9	1	SW846 8082A	27-Nov-12	01-Dec-12	IMR	1229093	X
11104-28-2	Aroclor-1221	< 184		µg/kg dry	184	166	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 184		µg/kg dry	184	118	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 184		µg/kg dry	184	108	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 184		µg/kg dry	184	90.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,300		µg/kg dry	184	78.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 184		µg/kg dry	184	70.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 184		µg/kg dry	184	171	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 184		µg/kg dry	184	57.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*140*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.1		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229190	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
4-A [illegible]0550-10	183572.4445.0710	Glaze	19-Nov-12 09:30	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 293	D	µg/kg dry	293	146	2	SW846 8082A	27-Nov-12	01-Dec-12	IMR	1229093	X
11104-28-2	Aroclor-1221	< 293	D	µg/kg dry	293	264	2	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 293	D	µg/kg dry	293	188	2	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 293	D	µg/kg dry	293	172	2	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 293	D	µg/kg dry	293	144	2	"	"	"	"	"	X
11097-69-1	Aroclor-1254	12,400	D	µg/kg dry	293	215	2	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 293	D	µg/kg dry	293	112	2	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 293	D	µg/kg dry	293	273	2	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 293	D	µg/kg dry	293	91.9	2	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.2		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229190	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
4-B	183572.4445.0710	Glaze	19-Nov-12 09:40	21-Nov-12
SB60550-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 9140	D	µg/kg dry	9140	4570	50	SW846 8082A	27-Nov-12	01-Dec-12	IMR	1229093	X
11104-28-2	Aroclor-1221	< 9140	D	µg/kg dry	9140	8240	50	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 9140	D	µg/kg dry	9140	5870	50	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 9140	D	µg/kg dry	9140	5380	50	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 9140	D	µg/kg dry	9140	4490	50	"	"	"	"	"	X
11097-69-1	Aroclor-1254	349,000	D	µg/kg dry	9140	3880	50	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 9140	D	µg/kg dry	9140	3500	50	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 9140	D	µg/kg dry	9140	8520	50	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 9140	D	µg/kg dry	9140	2870	50	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229190	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
4-C S[illegible]550-12	183572.4445.0710	Glaze	19-Nov-12 09:48	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 15600	D	µg/kg dry	15600	7780	100	SW846 8082A	27-Nov-12	01-Dec-12	IMR	1229093	X
11104-28-2	Aroclor-1221	< 15600	D	µg/kg dry	15600	14000	100	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 15600	D	µg/kg dry	15600	10000	100	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 15600	D	µg/kg dry	15600	9170	100	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 15600	D	µg/kg dry	15600	7640	100	"	"	"	"	"	X
11097-69-1	Aroclor-1254	46,000	D	µg/kg dry	15600	11400	100	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 15600	D	µg/kg dry	15600	5970	100	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 15600	D	µg/kg dry	15600	14500	100	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 15600	D	µg/kg dry	15600	4890	100	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.8		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229190	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
5-A SB60550-13	183572.4445.0710	Caulk	19-Nov-12 15:24	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 171		µg/kg dry	171	85.5	1	SW846 8082A	27-Nov-12	01-Dec-12	IMR	1229093	X
11104-28-2	Aroclor-1221	< 171		µg/kg dry	171	154	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 171		µg/kg dry	171	110	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 171		µg/kg dry	171	101	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 171		µg/kg dry	171	84.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	12,800		µg/kg dry	171	72.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 171		µg/kg dry	171	65.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 171		µg/kg dry	171	159	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 171		µg/kg dry	171	53.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229190	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
5-B S[illegible]50-14	183572.4445.0710	Caulk	19-Nov-12 15:15	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 188		µg/kg dry	188	94.1	1	SW846 8082A	27-Nov-12	01-Dec-12	IMR	1229093	X
11104-28-2	Aroclor-1221	< 188		µg/kg dry	188	170	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 188		µg/kg dry	188	121	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 188		µg/kg dry	188	111	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 188		µg/kg dry	188	92.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	10,700		µg/kg dry	188	79.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 188		µg/kg dry	188	72.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 188		µg/kg dry	188	175	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 188		µg/kg dry	188	59.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.5		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229190	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
5-C SB60550-15	183572.4445.0710	Caulk	19-Nov-12 15:18	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 186		µg/kg dry	186	93.0	1	SW846 8082A	27-Nov-12	01-Dec-12	IMR	1229093	X
11104-28-2	Aroclor-1221	< 186		µg/kg dry	186	168	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 186		µg/kg dry	186	119	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 186		µg/kg dry	186	110	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 186		µg/kg dry	186	91.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	8,390		µg/kg dry	186	78.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 186		µg/kg dry	186	71.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 186		µg/kg dry	186	173	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 186		µg/kg dry	186	58.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*145*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229190	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
6-A SB60550-16	183572.4445.0710	Caulk	19-Nov-12 09:40	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1790	D	µg/kg dry	1790	892	10	SW846 8082A	27-Nov-12	30-Nov-12	IMR	1229094	X
11104-28-2	Aroclor-1221	< 1790	D	µg/kg dry	1790	1610	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1790	D	µg/kg dry	1790	1150	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1790	D	µg/kg dry	1790	1050	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1790	D	µg/kg dry	1790	876	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	3,930	D	µg/kg dry	1790	1310	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1790	D	µg/kg dry	1790	684	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1790	D	µg/kg dry	1790	1660	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1790	D	µg/kg dry	1790	561	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229190	

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* Reportable Detection Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
6-B SB60550-17	183572.4445.0710	Caulk	19-Nov-12 14:10	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1590000	D	µg/kg dry	1590000	795000	10000	SW846 8082A	27-Nov-12	30-Nov-12	IMR	1229094	X
11104-28-2	Aroclor-1221	< 1590000	D	µg/kg dry	1590000	1430000	10000	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1590000	D	µg/kg dry	1590000	1020000	10000	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1590000	D	µg/kg dry	1590000	937000	10000	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1590000	D	µg/kg dry	1590000	781000	10000	"	"	"	"	"	X
11097-69-1	Aroclor-1254	99,100,000	D	µg/kg dry	1590000	675000	10000	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1590000	D	µg/kg dry	1590000	610000	10000	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1590000	D	µg/kg dry	1590000	1480000	10000	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1590000	D	µg/kg dry	1590000	500000	10000	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.3		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229190	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
6-C [redacted]550-18	183572.4445.0710	Caulk	19-Nov-12 14:20	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 14400	D	µg/kg dry	14400	7220	100	SW846 8082A	27-Nov-12	30-Nov-12	IMR	1229094	X
11104-28-2	Aroclor-1221	< 14400	D	µg/kg dry	14400	13000	100	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 14400	D	µg/kg dry	14400	9270	100	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 14400	D	µg/kg dry	14400	8510	100	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 14400	D	µg/kg dry	14400	7090	100	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 14400	D	µg/kg dry	14400	10600	100	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 14400	D	µg/kg dry	14400	5540	100	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 14400	D	µg/kg dry	14400	13500	100	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 14400	D	µg/kg dry	14400	4530	100	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.9		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229190	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
7-A SB60550-19	183572.4445.0710	Caulk	19-Nov-12 10:00	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C			R01										
12674-11-2	Aroclor-1016	< 1980	D	µg/kg dry	1980	991	10	SW846 8082A	27-Nov-12	30-Nov-12	IMR	1229094	X
11104-28-2	Aroclor-1221	< 1980	D	µg/kg dry	1980	1790	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1980	D	µg/kg dry	1980	1270	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1980	D	µg/kg dry	1980	1170	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1980	D	µg/kg dry	1980	973	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	10,100	D	µg/kg dry	1980	842	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1980	D	µg/kg dry	1980	760	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1980	D	µg/kg dry	1980	1850	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1980	D	µg/kg dry	1980	623	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	95.7		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229190	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
7-B [redacted]50-20	183572.4445.0710	Caulk	19-Nov-12 10:04	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1960	D	µg/kg dry	1960	981	10	SW846 8082A	27-Nov-12	30-Nov-12	IMR	1229094	X
11104-28-2	Aroclor-1221	< 1960	D	µg/kg dry	1960	1770	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1960	D	µg/kg dry	1960	1260	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1960	D	µg/kg dry	1960	1160	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1960	D	µg/kg dry	1960	963	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	5,690	D	µg/kg dry	1960	833	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1960	D	µg/kg dry	1960	753	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1960	D	µg/kg dry	1960	1830	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1960	D	µg/kg dry	1960	616	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.3		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229190	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
8-A SB60550-21	183572.4445.0710	Caulk	19-Nov-12 10:10	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1950	D	µg/kg dry	1950	977	10	SW846 8082A	27-Nov-12	30-Nov-12	IMR	1229094	X
11104-28-2	Aroclor-1221	< 1950	D	µg/kg dry	1950	1760	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1950	D	µg/kg dry	1950	1250	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1950	D	µg/kg dry	1950	1150	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1950	D	µg/kg dry	1950	959	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	2,930	D	µg/kg dry	1950	829	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1950	D	µg/kg dry	1950	749	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1950	D	µg/kg dry	1950	1820	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1950	D	µg/kg dry	1950	614	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*150*	S02		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.5		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229190	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
9-A [redacted]50-22	183572.4445.0710	Glaze	19-Nov-12 10:30	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1270	D	µg/kg dry	1270	634	10	SW846 8082A	27-Nov-12	30-Nov-12	IMR	1229094	X
11104-28-2	Aroclor-1221	< 1270	D	µg/kg dry	1270	1140	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1270	D	µg/kg dry	1270	815	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1270	D	µg/kg dry	1270	748	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1270	D	µg/kg dry	1270	623	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 1270	D	µg/kg dry	1270	931	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1270	D	µg/kg dry	1270	487	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1270	D	µg/kg dry	1270	1180	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1270	D	µg/kg dry	1270	399	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229190	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
9-B SB60550-23	183572.4445.0710	Glaze	19-Nov-12 10:54	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1630	D	µg/kg dry	1630	816	10	SW846 8082A	27-Nov-12	30-Nov-12	IMR	1229094	X
11104-28-2	Aroclor-1221	< 1630	D	µg/kg dry	1630	1470	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1630	D	µg/kg dry	1630	1050	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1630	D	µg/kg dry	1630	962	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1630	D	µg/kg dry	1630	802	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 1630	D	µg/kg dry	1630	1200	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1630	D	µg/kg dry	1630	626	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1630	D	µg/kg dry	1630	1520	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1630	D	µg/kg dry	1630	513	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229190	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
10-A SD[illegible]550-24	183572.4445.0710	Glaze	19-Nov-12 11:15	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1830	D	µg/kg dry	1830	915	10	SW846 8082A	27-Nov-12	01-Dec-12	IMR	1229094	X
11104-28-2	Aroclor-1221	< 1830	D	µg/kg dry	1830	1650	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1830	D	µg/kg dry	1830	1180	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1830	D	µg/kg dry	1830	1080	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1830	D	µg/kg dry	1830	899	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	5,590	D	µg/kg dry	1830	1340	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1830	D	µg/kg dry	1830	702	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1830	D	µg/kg dry	1830	1710	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1830	D	µg/kg dry	1830	575	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.9		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229190	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
10-B SB60550-25	183572.4445.0710	Glaze	19-Nov-12 11:27	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 2020	D	µg/kg dry	2020	1010	10	SW846 8082A	27-Nov-12	01-Dec-12	IMR	1229094	X
11104-28-2	Aroclor-1221	< 2020	D	µg/kg dry	2020	1820	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 2020	D	µg/kg dry	2020	1300	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 2020	D	µg/kg dry	2020	1190	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 2020	D	µg/kg dry	2020	990	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	10,300	D	µg/kg dry	2020	1480	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 2020	D	µg/kg dry	2020	774	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 2020	D	µg/kg dry	2020	1880	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 2020	D	µg/kg dry	2020	634	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.7		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229190	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
10-C S[illegible]50-26	183572.4445.0710	Glaze	19-Nov-12 11:39	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1730	D	µg/kg dry	1730	862	10	SW846 8082A	27-Nov-12	01-Dec-12	IMR	1229094	X
11104-28-2	Aroclor-1221	< 1730	D	µg/kg dry	1730	1560	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1730	D	µg/kg dry	1730	1110	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1730	D	µg/kg dry	1730	1020	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1730	D	µg/kg dry	1730	847	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	7,680	D	µg/kg dry	1730	1270	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1730	D	µg/kg dry	1730	662	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1730	D	µg/kg dry	1730	1610	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1730	D	µg/kg dry	1730	542	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.0		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229190	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
11-A	183572.4445.0710	Caulk	19-Nov-12 14:00	21-Nov-12
SB60550-27				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 113		µg/kg dry	113	56.3	1	SW846 8082A	27-Nov-12	30-Nov-12	IMR	1229094	X
11104-28-2	Aroclor-1221	< 113		µg/kg dry	113	102	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 113		µg/kg dry	113	72.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 113		µg/kg dry	113	66.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 113		µg/kg dry	113	55.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,280		µg/kg dry	113	47.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 113		µg/kg dry	113	43.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 113		µg/kg dry	113	105	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 113		µg/kg dry	113	35.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229192	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
11-B	183572.4445.0710	Caulk	19-Nov-12 14:10	21-Nov-12
S[illegible]550-28				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 125		µg/kg dry	125	62.6	1	SW846 8082A	27-Nov-12	30-Nov-12	IMR	1229094	X
11104-28-2	Aroclor-1221	< 125		µg/kg dry	125	113	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 125		µg/kg dry	125	80.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 125		µg/kg dry	125	73.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	1,040		µg/kg dry	125	50.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,330		µg/kg dry	125	53.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 125		µg/kg dry	125	48.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 125		µg/kg dry	125	117	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 125		µg/kg dry	125	39.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*140*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229192	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
11-C SB60550-29	183572.4445.0710	Caulk	19-Nov-12 14:19	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 182		µg/kg dry	182	90.9	1	SW846 8082A	27-Nov-12	30-Nov-12	IMR	1229094	X
11104-28-2	Aroclor-1221	< 182		µg/kg dry	182	164	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 182		µg/kg dry	182	117	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 182		µg/kg dry	182	107	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	1,140		µg/kg dry	182	89.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,500		µg/kg dry	182	133	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 182		µg/kg dry	182	69.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 182		µg/kg dry	182	169	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 182		µg/kg dry	182	57.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229192	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
12-A SB60550-30	183572.4445.0710	Caulk	19-Nov-12 14:50	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 178		µg/kg dry	178	88.9	1	SW846 8082A	27-Nov-12	30-Nov-12	IMR	1229094	X
11104-28-2	Aroclor-1221	< 178		µg/kg dry	178	160	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 178		µg/kg dry	178	114	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 178		µg/kg dry	178	105	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 178		µg/kg dry	178	87.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	14,200		µg/kg dry	178	75.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 178		µg/kg dry	178	68.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 178		µg/kg dry	178	166	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 178		µg/kg dry	178	55.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229192	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
12-B	183572.4445.0710	Caulk	19-Nov-12 15:00	21-Nov-12
SB60550-31				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 181		µg/kg dry	181	90.2	1	SW846 8082A	27-Nov-12	30-Nov-12	IMR	1229094	X
11104-28-2	Aroclor-1221	< 181		µg/kg dry	181	163	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 181		µg/kg dry	181	116	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 181		µg/kg dry	181	106	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 181		µg/kg dry	181	88.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	17,300		µg/kg dry	181	76.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 181		µg/kg dry	181	69.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 181		µg/kg dry	181	168	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 181		µg/kg dry	181	56.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229192	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
13-A SD60550-32	183572.4445.0710	Glaze	19-Nov-12 15:05	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C			R01										
12674-11-2	Aroclor-1016	< 243	D	µg/kg dry	243	121	2	SW846 8082A	27-Nov-12	30-Nov-12	IMR	1229094	X
11104-28-2	Aroclor-1221	< 243	D	µg/kg dry	243	219	2	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 243	D	µg/kg dry	243	156	2	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 243	D	µg/kg dry	243	143	2	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 243	D	µg/kg dry	243	119	2	"	"	"	"	"	X
11097-69-1	Aroclor-1254	437	D	µg/kg dry	243	103	2	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 243	D	µg/kg dry	243	93.0	2	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 243	D	µg/kg dry	243	226	2	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 243	D	µg/kg dry	243	76.2	2	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229192	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
13-B SB60550-33	183572.4445.0710	Glaze	19-Nov-12 15:06	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 349	D	µg/kg dry	349	174	2	SW846 8082A	27-Nov-12	30-Nov-12	IMR	1229094	X
11104-28-2	Aroclor-1221	< 349	D	µg/kg dry	349	315	2	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 349	D	µg/kg dry	349	224	2	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 349	D	µg/kg dry	349	206	2	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 349	D	µg/kg dry	349	171	2	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,550	D	µg/kg dry	349	148	2	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 349	D	µg/kg dry	349	134	2	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 349	D	µg/kg dry	349	325	2	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 349	D	µg/kg dry	349	110	2	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229192	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
14-A S[illegible]50-34	183572.4445.0710	Glaze	19-Nov-12 13:50	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 856	D	µg/kg dry	856	428	5	SW846 8082A	27-Nov-12	30-Nov-12	IMR	1229094	X
11104-28-2	Aroclor-1221	< 856	D	µg/kg dry	856	772	5	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 856	D	µg/kg dry	856	550	5	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 856	D	µg/kg dry	856	504	5	"	"	"	"	"	X
12672-29-6	Aroclor-1248	**119,000**	D	µg/kg dry	856	347	5	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**172,000**	D	µg/kg dry	856	363	5	"	"	"	"	"	X
11096-82-5	Aroclor-1260	**4,840**	D	µg/kg dry	856	382	5	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 856	D	µg/kg dry	856	798	5	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 856	D	µg/kg dry	856	269	5	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**96.5**		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229192	

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* Reportable Detection Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
14-B	183572.4445.0710	Glaze	19-Nov-12 13:45	21-Nov-12
SB60550-35				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1280	D	µg/kg dry	1280	637	10	SW846 8082A	27-Nov-12	01-Dec-12	IMR	1229094	X
11104-28-2	Aroclor-1221	< 1280	D	µg/kg dry	1280	1150	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1280	D	µg/kg dry	1280	819	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1280	D	µg/kg dry	1280	751	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1280	D	µg/kg dry	1280	626	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	38,700	D	µg/kg dry	1280	541	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	5,040	D	µg/kg dry	1280	569	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1280	D	µg/kg dry	1280	1190	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1280	D	µg/kg dry	1280	401	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.3		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229192	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
14-C	183572.4445.0710	Glaze	19-Nov-12 13:55	21-Nov-12
S[illegible]50-36				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 369	D	µg/kg dry	369	184	2	SW846 8082A	27-Nov-12	01-Dec-12	IMR	1229093	X
11104-28-2	Aroclor-1221	< 369	D	µg/kg dry	369	332	2	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 369	D	µg/kg dry	369	237	2	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 369	D	µg/kg dry	369	217	2	"	"	"	"	"	X
12672-29-6	Aroclor-1248	17,100	D	µg/kg dry	369	150	2	"	"	"	"	"	X
11097-69-1	Aroclor-1254	47,700	D	µg/kg dry	369	157	2	"	"	"	"	"	X
11096-82-5	Aroclor-1260	2,910	D	µg/kg dry	369	165	2	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 369	D	µg/kg dry	369	344	2	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 369	D	µg/kg dry	369	116	2	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.8		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229192	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
15-A SB60550-37	183572.4445.0710	Glaze	19-Nov-12 09:50	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 389		µg/kg dry	389	194	1	SW846 8082A	27-Nov-12	01-Dec-12	IMR	1229093	X
11104-28-2	Aroclor-1221	< 389		µg/kg dry	389	350	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 389		µg/kg dry	389	250	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 389		µg/kg dry	389	229	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 389		µg/kg dry	389	191	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 389		µg/kg dry	389	285	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 389		µg/kg dry	389	149	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 389		µg/kg dry	389	362	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 389		µg/kg dry	389	122	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.5		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229192	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
16-A [illegible]550-38	183572.4445.0710	Glaze	19-Nov-12 13:00	21-Nov-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 349	D	µg/kg dry	349	174	2	SW846 8082A	27-Nov-12	01-Dec-12	IMR	1229093	X
11104-28-2	Aroclor-1221	< 349	D	µg/kg dry	349	314	2	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 349	D	µg/kg dry	349	224	2	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 349	D	µg/kg dry	349	205	2	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 349	D	µg/kg dry	349	171	2	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,950	D	µg/kg dry	349	148	2	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 349	D	µg/kg dry	349	134	2	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 349	D	µg/kg dry	349	325	2	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 349	D	µg/kg dry	349	109	2	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	28-Nov-12	28-Nov-12	DT	1229192	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1229093 - SW846 3540C										
Blank (1229093-BLK1)					Prepared: 27-Nov-12 Analyzed: 30-Nov-12					
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*27.0*		µg/kg wet		*20.0*		*135*	*30-150*		
LCS (1229093-BS1)					Prepared: 27-Nov-12 Analyzed: 30-Nov-12					
Aroclor-1016	**191**		µg/kg wet	20.0	250		76	40-140		
Aroclor-1016 [2C]	**216**		µg/kg wet	20.0	250		86	40-140		
Aroclor-1260	**160**		µg/kg wet	20.0	250		64	40-140		
Aroclor-1260 [2C]	**156**		µg/kg wet	20.0	250		62	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
LCS Dup (1229093-BSD1)					Prepared: 27-Nov-12 Analyzed: 30-Nov-12					
Aroclor-1016	**191**		µg/kg wet	20.0	250		76	40-140	0	30
Aroclor-1016 [2C]	**220**		µg/kg wet	20.0	250		88	40-140	2	30
Aroclor-1260	**160**		µg/kg wet	20.0	250		64	40-140	0	30
Aroclor-1260 [2C]	**155**		µg/kg wet	20.0	250		62	40-140	0.6	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Duplicate (1229093-DUP1)		R01	**Source: SB60550-01**		Prepared: 27-Nov-12 Analyzed: 30-Nov-12					
Aroclor-1016	< 17700	D	µg/kg dry	17700		BRL				30
Aroclor-1016 [2C]	< 17700	D	µg/kg dry	17700		BRL				30
Aroclor-1221	< 17700	D	µg/kg dry	17700		BRL				30
Aroclor-1221 [2C]	< 17700	D	µg/kg dry	17700		BRL				30
Aroclor-1232	< 17700	D	µg/kg dry	17700		BRL				30
Aroclor-1232 [2C]	< 17700	D	µg/kg dry	17700		BRL				30
Aroclor-1242	< 17700	D	µg/kg dry	17700		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1229093 - SW846 3540C										
Duplicate (1229093-DUP1)		R01	Source: SB60550-01		Prepared: 27-Nov-12 Analyzed: 30-Nov-12					
Aroclor-1242 [2C]	< 17700	D	µg/kg dry	17700		BRL				30
Aroclor-1248	< 17700	D	µg/kg dry	17700		BRL				30
Aroclor-1248 [2C]	< 17700	D	µg/kg dry	17700		BRL				30
Aroclor-1254	< 17700	D	µg/kg dry	17700		BRL				30
Aroclor-1254 [2C]	< 17700	D	µg/kg dry	17700		BRL				30
Aroclor-1260	< 17700	D	µg/kg dry	17700		BRL				30
Aroclor-1260 [2C]	< 17700	D	µg/kg dry	17700		BRL				30
Aroclor-1262	< 17700	D	µg/kg dry	17700		BRL				30
Aroclor-1262 [2C]	< 17700	D	µg/kg dry	17700		BRL				30
Aroclor-1268	< 17700	D	µg/kg dry	17700		BRL				30
Aroclor-1268 [2C]	< 17700	D	µg/kg dry	17700		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.00*	S01	µg/kg dry		*177*			*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*0.00*	S01	µg/kg dry		*177*			*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.00*	S01	µg/kg dry		*177*			*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.00*	S01	µg/kg dry		*177*			*30-150*		
Matrix Spike (1229093-MS1)		R01	Source: SB60550-01		Prepared: 27-Nov-12 Analyzed: 01-Dec-12					
Aroclor-1016	< 18600	QM4X, D	µg/kg dry	18600	2320	BRL		40-140		
Aroclor-1016 [2C]	< 18600	QM4X, D	µg/kg dry	18600	2320	BRL		40-140		
Aroclor-1260	< 18600	QM4X, D	µg/kg dry	18600	2320	BRL		40-140		
Aroclor-1260 [2C]	< 18600	QM4X, D	µg/kg dry	18600	2320	BRL		40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.00*	S01	µg/kg dry		*186*			*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*0.00*	S01	µg/kg dry		*186*			*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.00*	S01	µg/kg dry		*186*			*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.00*	S01	µg/kg dry		*186*			*30-150*		
Matrix Spike Dup (1229093-MSD1)		R01	Source: SB60550-01		Prepared: 27-Nov-12 Analyzed: 01-Dec-12					
Aroclor-1016	< 19600	QM4X, D	µg/kg dry	19600	2450	BRL		40-140		30
Aroclor-1016 [2C]	< 19600	QM4X, D	µg/kg dry	19600	2450	BRL		40-140		30
Aroclor-1260	< 19600	QM4X, D	µg/kg dry	19600	2450	BRL		40-140		30
Aroclor-1260 [2C]	< 19600	QM4X, D	µg/kg dry	19600	2450	BRL		40-140		30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.00*	S01	µg/kg dry		*196*			*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*0.00*	S01	µg/kg dry		*196*			*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.00*	S01	µg/kg dry		*196*			*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.00*	S01	µg/kg dry		*196*			*30-150*		
Batch 1229094 - SW846 3540C										
Blank (1229094-BLK1)					Prepared: 27-Nov-12 Analyzed: 30-Nov-12					
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1229094 - SW846 3540C										
Blank (1229094-BLK1)						Prepared: 27-Nov-12	Analyzed: 30-Nov-12			
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*27.0*		µg/kg wet		*20.0*		*135*	*30-150*		
LCS (1229094-BS1)						Prepared: 27-Nov-12	Analyzed: 30-Nov-12			
Aroclor-1016	**209**		µg/kg wet	20.0	250		84	40-140		
Aroclor-1016 [2C]	**216**		µg/kg wet	20.0	250		86	40-140		
Aroclor-1260	**182**		µg/kg wet	20.0	250		73	40-140		
Aroclor-1260 [2C]	**156**		µg/kg wet	20.0	250		62	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*24.0*		µg/kg wet		*20.0*		*120*	*30-150*		
LCS Dup (1229094-BSD1)						Prepared: 27-Nov-12	Analyzed: 30-Nov-12			
Aroclor-1016	**203**		µg/kg wet	20.0	250		81	40-140	3	30
Aroclor-1016 [2C]	**220**		µg/kg wet	20.0	250		88	40-140	2	30
Aroclor-1260	**178**		µg/kg wet	20.0	250		71	40-140	2	30
Aroclor-1260 [2C]	**161**		µg/kg wet	20.0	250		64	40-140	3	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*25.0*		µg/kg wet		*20.0*		*125*	*30-150*		
Duplicate (1229094-DUP1)		R01	**Source: SB60550-18**			Prepared: 27-Nov-12	Analyzed: 30-Nov-12			
Aroclor-1016	< 18700	D	µg/kg dry	18700		BRL				30
Aroclor-1016 [2C]	< 18700	D	µg/kg dry	18700		BRL				30
Aroclor-1221	< 18700	D	µg/kg dry	18700		BRL				30
Aroclor-1221 [2C]	< 18700	D	µg/kg dry	18700		BRL				30
Aroclor-1232	< 18700	D	µg/kg dry	18700		BRL				30
Aroclor-1232 [2C]	< 18700	D	µg/kg dry	18700		BRL				30
Aroclor-1242	< 18700	D	µg/kg dry	18700		BRL				30
Aroclor-1242 [2C]	< 18700	D	µg/kg dry	18700		BRL				30
Aroclor-1248	< 18700	D	µg/kg dry	18700		BRL				30
Aroclor-1248 [2C]	< 18700	D	µg/kg dry	18700		BRL				30
Aroclor-1254	< 18700	D	µg/kg dry	18700		BRL				30
Aroclor-1254 [2C]	< 18700	D	µg/kg dry	18700		BRL				30
Aroclor-1260	< 18700	D	µg/kg dry	18700		BRL				30
Aroclor-1260 [2C]	< 18700	D	µg/kg dry	18700		BRL				30
Aroclor-1262	< 18700	D	µg/kg dry	18700		BRL				30
Aroclor-1262 [2C]	< 18700	D	µg/kg dry	18700		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1229094 - SW846 3540C										
Duplicate (1229094-DUP1)		R01	**Source: SB60550-18**		Prepared: 27-Nov-12 Analyzed: 30-Nov-12					
Aroclor-1268	< 18700	D	µg/kg dry	18700		BRL				30
Aroclor-1268 [2C]	< 18700	D	µg/kg dry	18700		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.00*	S01	µg/kg dry		*187*			*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*0.00*	S01	µg/kg dry		*187*			*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.00*	S01	µg/kg dry		*187*			*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.00*	S01	µg/kg dry		*187*			*30-150*		
Matrix Spike (1229094-MS1)		R01	**Source: SB60550-18**		Prepared: 27-Nov-12 Analyzed: 30-Nov-12					
Aroclor-1016	< 18700	QM4X, D	µg/kg dry	18700	2340	BRL		40-140		
Aroclor-1016 [2C]	< 18700	QM4X, D	µg/kg dry	18700	2340	BRL		40-140		
Aroclor-1260	< 18700	QM4X, D	µg/kg dry	18700	2340	BRL		40-140		
Aroclor-1260 [2C]	< 18700	QM4X, D	µg/kg dry	18700	2340	BRL		40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.00*	S01	µg/kg dry		*187*			*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*0.00*	S01	µg/kg dry		*187*			*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.00*	S01	µg/kg dry		*187*			*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.00*	S01	µg/kg dry		*187*			*30-150*		
Matrix Spike Dup (1229094-MSD1)		R01	**Source: SB60550-18**		Prepared: 27-Nov-12 Analyzed: 30-Nov-12					
Aroclor-1016	< 20200	QM4X, D	µg/kg dry	20200	2530	BRL		40-140		30
Aroclor-1016 [2C]	< 20200	QM4X, D	µg/kg dry	20200	2530	BRL		40-140		30
Aroclor-1260	< 20200	QM4X, D	µg/kg dry	20200	2530	BRL		40-140		30
Aroclor-1260 [2C]	< 20200	QM4X, D	µg/kg dry	20200	2530	BRL		40-140		30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.00*	S01	µg/kg dry		*202*			*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*0.00*	S01	µg/kg dry		*202*			*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.00*	S01	µg/kg dry		*202*			*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.00*	S01	µg/kg dry		*202*			*30-150*		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1229190 - General Preparation										
Duplicate (1229190-DUP1)			**Source: SB60550-07**			Prepared & Analyzed: 28-Nov-12				
% Solids	99.9		%			98.9			1	20

Notes and Definitions

D	Data reported from a dilution
S1	Sample dilution required for high concentration of target analytes to be within the instrument calibration range.
QM4X	The spike recovery was outside of QC acceptance limits for the MS, MSD and/or PS due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
R01	The Reporting Limit has been raised to account for matrix interference.
S01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
Kimberly Wisk
Nicole Leja

CT DAS Rates Apply

SB 60550

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 4

Special Handling:
- [x] Standard TAT - 7 to 10 business days
- [ ] Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Erik Plimpton
EPlimpton@tresolutions.com
Telephone #: 860-298-6280
Project Mgr. Erik Plimpton

Invoice To: Same
P.O. No.: _____ RQN: _____

Project No.: 183572.4445.0710
Site Name: Bradley International Airport - IAB
Location: Windsor Locks State: CT
Sampler(s): MKostrzebe

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= Cold 12= _____

List preservative code below: 11

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Caulk X2= Glaze X3= _____

G=Grab C=Composite

MA DEP MCP CAM Report: Yes [ ] No [x]
CT DPH RCP Report: Yes [x] No [ ]

QA/QC Reporting Level
[x] Standard [ ] No QC [ ] DQA* [ ] NY ASP A* [ ] NY ASP B* [ ] NJ Reduced* [ ] NJ Full* [ ] TIER II* [ ] TIER IV* [ ] Other _____

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540C	State-specific reporting standards:
60550-01	1-A	11/19/12	0855	G	X1			1			C1-Northwest-Exterior
-02	1-B		0910								C1 " "
-03	1-C		0915								C1 " "
-04	2-A		0920								C2-Exterior-TSA Entry Arside
-05	2-B		1020								C2-Bay 1-Interior
-06	2-C		1320								C2-Public side-Exterior-Overhang No end
-07	3-A		0925								C3-Exterior-Arside-TSA Entry
-08	3-B		1105								C3-Interior-Ground Floor-Stairway 1
-09	3-C		1140								C3-Exterior-Public side-southeast-
10	4-A		0930		X2						Lot 1-Exterior-Arside-TSA Entry

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	11/20/12	1530	
[signature]	[signature]	11/21/12		1.4
	[signature]	11/21/12	1315	1.4

[ ] EDD Format _____
[ ] E-mail to _____

Condition upon receipt: [ ] Ambient [ ] Iced [x] Refrigerated [ ] DI VOA Frozen [ ] Soil Jar Frozen

CT DAS Rates Apply

C00550

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 4

Special Handling:
- ☒ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
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- Samples disposed of after 60 days unless otherwise instructed.

Report To: Erik Plimpton
eplimpton@tetsolutions.com
Telephone #: 860-298-6280
Project Mgr. Erik Plimpton

Invoice To: Same
P.O. No.: _____ RQN: _____

Project No.: 183572.4445.0310
Site Name: Bradley International Airport - IAB
Location: Windsor Locks State: CT
Sampler(s): M Kostrubiak

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= Cold 12= _____

List preservative code below: 11

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Caulk X2= Glaze X3= _____

G=Grab C=Composite

Containers: # of VOA Vials; # of Amber Glass; # of Clear Glass; # of Plastic

Analyses: 8260 / 8540 C

MA DEP MCP CAM Report: Yes ☐ No ☒
CT DPH RCP Report: Yes ☒ No ☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other _____

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8260 / 8540 C	State-specific reporting standards:
C0550-11	4-B	11/19/12	0940	G	X1			1		X	W1-Exterior-Airside-Ob 13 4
-12	4-C		0948								W1-Exterior-Airside-Northern
-13	5-A		1524		X1						W2A Interior-B23 Area
-14	5-B		1518								W2A-Interior B22 Area
-15	5-C		1518								W1A-Interior B22 Area
-16	6-A		0940								C4-Exterior-Airside-Northern
-17	6-B		1410								C4-Exterior-Public Side-Ryckman
-18	6-C		1420								C4-Exterior-Public Side-Northern
-19	7-A		1000								C5-Exterior-Airside-Ts Center
-20	7-B		1004								C5-" "

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	11/20/12	1530	
[signature]	[signature]	11/21/12	1325	1.4

☐ EDD Format _____
☐ E-mail to _____

Condition upon receipt:
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

CTDAS Rates Apply

60550

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 3 of 4

Special Handling:
- ☒ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
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- Samples disposed of after 60 days unless otherwise instructed.

Report To: Eric Plimpton
Eplimpton@trcsolutions.com
Telephone #: 860-298-6280
Project Mgr.

Invoice To: Same
P.O. No.: _____ RQN: _____

Project No.: 183572.4445.0010
Site Name: Bradley International Airport [IAB]
Location: Windsor Locks State: CT
Sampler(s): M. Kostrubas

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10= H_3PO_4 11= Cold 12= _____

List preservative code below: 11

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Caulk X2= glaze X3= _____

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analyses: 8082/3540C

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540C	State-specific reporting standards:
60550-21	8-A	11/19/12	1010	G	X1			1		X	C6-Exterior-Airside ofTS4
-22	9-A		1030		X2						W6-2-Southside ofRm172 (exterior
-23	9-B		1054								W6-2-Southside exterior ofRm167
-24	10-A		1115								W6-3-Interior-Rm171A
-25	10-B		1127								W6-3-Interior-Rm171
-26	10-C		1139								W6-3Interior-Rm167
-27	11-A		1400		X1						C7-Exterior-Upper entry door
-28	11-B		1410								C7-Exterior-Lower entry door-North
-29	11-C		1419								C7-Exterior-" "
-30	12-A		1450								C8-Interior-Rth corridor-Northentry

Relinquished by:	Received by:	Date:	Time	Temp°C
[signature]	[signature]	11/20/12	1530	
	JLH	11/21/12	1315	1.4

☐ EDD Format _____
☐ E-mail to _____

Condition upon receipt: ☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report: Yes ☐ No ☒
CT DPH RCP Report: Yes ☒ No ☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV*
☐ Other _____

State-specific reporting standards:

CT DAS Rates Apply

L0550

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CHAIN OF CUSTODY RECORD

Page 4 of 4

Special Handling:
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- ☐ Rush TAT - Date Needed: _____
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- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Erik Plimpton
Eplimpton@trc solutions.com
Telephone #: 860-298-6280
Project Mgr. Erik Plimpton

Invoice To: Same
P.O. No.: _____ RQN: _____

Project No.: 183572.4445.0210
Site Name: Bradley International Airport [IAB]
Location: Windsor Locks State: CT
Sampler(s): Mkostriba

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=Cold 12=

List preservative code below: 11

QA/QC Reporting Notes:
* additional charges may apply.

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=Caulk X2=Glaze X3=

MA DEP MCP CAM Report: Yes ☐ No ☑
CT DPH RCP Report: Yes ☑ No ☐

QA/QC Reporting Level
☑ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV* ☐ Other _____

State-specific reporting standards:

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		Analyses: 8082/3540C							State-specific reporting standards:
L0550-31	12-B	11/19/12	1500	G	X1			1			X							CT-Interior-Pilot room/Air Authority
32	13-A		1505		X2													WS-Interior-Area 3
33	13-B		1506															WS-Interior-Area 3
34	14-A		1350															WG4-Exterior-North side of airport
35	14-B		1345															WG4 " "
36	14-C		1355															WG4 " "
37	15-A		0950															OWG1-Exterior-B22 Parking Ramp
38	16-A		1300															OWG2-Interior (Area 1)

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	11/20/12	1530	
	[signature]	11/21/12	1315	1.4

☐ EDD Format _____
☐ E-mail to _____

Condition upon receipt: ☐ Ambient ☐ Iced ☑ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Report Date:
27-Dec-12 16:26

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
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HANIBAL TECHNOLOGY

Laboratory Report

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: BIA-Terminal B-Concourse A-Windsor Locks, CT
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB62088-01	6D	Caulk	17-Dec-12 08:40	19-Dec-12 15:10
SB62088-02	6E	Caulk	17-Dec-12 08:30	19-Dec-12 15:10
SB62088-03	6F	Caulk	17-Dec-12 08:31	19-Dec-12 15:10
SB62088-04	6G	Caulk	17-Dec-12 08:50	19-Dec-12 15:10

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 12 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: BIA-Terminal B-Concourse A-Windsor Locks, CT

Project Number: 183572.4445.0710

Sampling Date(s):
12/17/2012

Laboratory Sample ID(s):
SB62088-01 through SB62088-04

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	Yes	✓ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	✓ Yes	No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 12/27/2012

CASE NARRATIVE:

The samples were received 2.1 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8082A

Spikes:

1231391-MS1 *Source: SB62088-02*

The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.

Aroclor-1016
Aroclor-1016 [2C]
Aroclor-1260
Aroclor-1260 [2C]

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

1231391-MSD1 *Source: SB62088-02*

The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.

Aroclor-1016
Aroclor-1016 [2C]
Aroclor-1260
Aroclor-1260 [2C]

SW846 8082A

Spikes:

1231391-MSD1 *Source: SB62088-02*

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

Duplicates:

1231391-DUP1 *Source: SB62088-02*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

Samples:

SB62088-01 *6D*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB62088-02 *6E*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB62088-03 *6F*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SW846 8082A

Samples:

SB62088-04 *6G*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1260
Aroclor-1262
Aroclor-1268

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
6D [redacted]088-01	183572.4445.0710	Caulk	17-Dec-12 08:40	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 416000	D	µg/kg dry	416000	208000	2000	SW846 8082A	20-Dec-12	27-Dec-12	BLM	1231391	X
11104-28-2	Aroclor-1221	< 416000	D	µg/kg dry	416000	375000	2000	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 416000	D	µg/kg dry	416000	267000	2000	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 416000	D	µg/kg dry	416000	245000	2000	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 416000	D	µg/kg dry	416000	204000	2000	"	"	"	"	"	X
11097-69-1	Aroclor-1254	96,800,000	D	µg/kg dry	416000	305000	2000	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 416000	D	µg/kg dry	416000	159000	2000	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 416000	D	µg/kg dry	416000	387000	2000	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 416000	D	µg/kg dry	416000	131000	2000	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.0		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231347	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
6E SB62088-02	183572.4445.0710	Caulk	17-Dec-12 08:30	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 399000	D	µg/kg dry	399000	199000	2000	SW846 8082A	20-Dec-12	27-Dec-12	BLM	1231391	X
11104-28-2	Aroclor-1221	< 399000	D	µg/kg dry	399000	359000	2000	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 399000	D	µg/kg dry	399000	256000	2000	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 399000	D	µg/kg dry	399000	235000	2000	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 399000	D	µg/kg dry	399000	196000	2000	"	"	"	"	"	X
11097-69-1	Aroclor-1254	87,900,000	D	µg/kg dry	399000	292000	2000	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 399000	D	µg/kg dry	399000	153000	2000	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 399000	D	µg/kg dry	399000	371000	2000	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 399000	D	µg/kg dry	399000	125000	2000	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	95.1		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231407	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
6F S[illegible]88-03	183572.4445.0710	Caulk	17-Dec-12 08:31	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 982	R01	µg/kg dry	982	491	1	SW846 8082A	20-Dec-12	27-Dec-12	BLM	1231391	X
11104-28-2	Aroclor-1221	< 982	R01	µg/kg dry	982	885	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 982	R01	µg/kg dry	982	631	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 982	R01	µg/kg dry	982	579	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 982	R01	µg/kg dry	982	482	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 982	R01	µg/kg dry	982	720	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 982	R01	µg/kg dry	982	377	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 982	R01	µg/kg dry	982	915	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 982	R01	µg/kg dry	982	308	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231407	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
6G SB62088-04	183572.4445.0710	Caulk	17-Dec-12 08:50	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 183		µg/kg dry	183	91.6	1	SW846 8082A	20-Dec-12	22-Dec-12	BLM	1231391	X
11104-28-2	Aroclor-1221	< 183		µg/kg dry	183	165	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 183		µg/kg dry	183	118	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 183		µg/kg dry	183	108	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 183		µg/kg dry	183	89.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	3,620		µg/kg dry	183	77.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 916	R01	µg/kg dry	916	351	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 916	R01	µg/kg dry	916	854	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 916	R01	µg/kg dry	916	288	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231407	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1231391 - SW846 3540C										
Blank (1231391-BLK1)						Prepared: 20-Dec-12 Analyzed: 21-Dec-12				
Aroclor-1016	< 200		µg/kg wet	200						
Aroclor-1016 [2C]	< 200		µg/kg wet	200						
Aroclor-1221	< 200		µg/kg wet	200						
Aroclor-1221 [2C]	< 200		µg/kg wet	200						
Aroclor-1232	< 200		µg/kg wet	200						
Aroclor-1232 [2C]	< 200		µg/kg wet	200						
Aroclor-1242	< 200		µg/kg wet	200						
Aroclor-1242 [2C]	< 200		µg/kg wet	200						
Aroclor-1248	< 200		µg/kg wet	200						
Aroclor-1248 [2C]	< 200		µg/kg wet	200						
Aroclor-1254	< 200		µg/kg wet	200						
Aroclor-1254 [2C]	< 200		µg/kg wet	200						
Aroclor-1260	< 200		µg/kg wet	200						
Aroclor-1260 [2C]	< 200		µg/kg wet	200						
Aroclor-1262	< 200		µg/kg wet	200						
Aroclor-1262 [2C]	< 200		µg/kg wet	200						
Aroclor-1268	< 200		µg/kg wet	200						
Aroclor-1268 [2C]	< 200		µg/kg wet	200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*200*		µg/kg wet		*200*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*200*		µg/kg wet		*200*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*210*		µg/kg wet		*200*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*180*		µg/kg wet		*200*		*90*	*30-150*		
LCS (1231391-BS1)						Prepared: 20-Dec-12 Analyzed: 21-Dec-12				
Aroclor-1016	**2640**		µg/kg wet	200	2500		106	40-140		
Aroclor-1016 [2C]	**2310**		µg/kg wet	200	2500		92	40-140		
Aroclor-1260	**2470**		µg/kg wet	200	2500		99	40-140		
Aroclor-1260 [2C]	**2050**		µg/kg wet	200	2500		82	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*210*		µg/kg wet		*200*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*190*		µg/kg wet		*200*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*210*		µg/kg wet		*200*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*190*		µg/kg wet		*200*		*95*	*30-150*		
LCS Dup (1231391-BSD1)						Prepared: 20-Dec-12 Analyzed: 22-Dec-12				
Aroclor-1016	**2660**		µg/kg wet	200	2500		106	40-140	0.8	30
Aroclor-1016 [2C]	**2240**		µg/kg wet	200	2500		90	40-140	3	30
Aroclor-1260	**2460**		µg/kg wet	200	2500		98	40-140	0.4	30
Aroclor-1260 [2C]	**2000**		µg/kg wet	200	2500		80	40-140	2	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*210*		µg/kg wet		*200*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*180*		µg/kg wet		*200*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*210*		µg/kg wet		*200*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*180*		µg/kg wet		*200*		*90*	*30-150*		
Duplicate (1231391-DUP1)		GS1	**Source: SB62088-02**			Prepared: 20-Dec-12 Analyzed: 27-Dec-12				
Aroclor-1016	< 376000	D	µg/kg dry	376000		BRL				30
Aroclor-1016 [2C]	< 376000	D	µg/kg dry	376000		BRL				30
Aroclor-1221	< 376000	D	µg/kg dry	376000		BRL				30
Aroclor-1221 [2C]	< 376000	D	µg/kg dry	376000		BRL				30
Aroclor-1232	< 376000	D	µg/kg dry	376000		BRL				30
Aroclor-1232 [2C]	< 376000	D	µg/kg dry	376000		BRL				30
Aroclor-1242	< 376000	D	µg/kg dry	376000		BRL				30
Aroclor-1242 [2C]	< 376000	D	µg/kg dry	376000		BRL				30
Aroclor-1248	< 376000	D	µg/kg dry	376000		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1231391 - SW846 3540C										
Duplicate (1231391-DUP1)		GS1	**Source: SB62088-02**		Prepared: 20-Dec-12 Analyzed: 27-Dec-12					
Aroclor-1248 [2C]	< 376000	D	µg/kg dry	376000		BRL				30
Aroclor-1254	**85500000**	D	µg/kg dry	376000		87900000			3	30
Aroclor-1254 [2C]	**86600000**	D	µg/kg dry	376000		78200000			10	30
Aroclor-1260	< 376000	D	µg/kg dry	376000		BRL				30
Aroclor-1260 [2C]	< 376000	D	µg/kg dry	376000		BRL				30
Aroclor-1262	< 376000	D	µg/kg dry	376000		BRL				30
Aroclor-1262 [2C]	< 376000	D	µg/kg dry	376000		BRL				30
Aroclor-1268	< 376000	D	µg/kg dry	376000		BRL				30
Aroclor-1268 [2C]	< 376000	D	µg/kg dry	376000		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.00*	S01	µg/kg dry		*188*			*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*0.00*	S01	µg/kg dry		*188*			*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.00*	S01	µg/kg dry		*188*			*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.00*	S01	µg/kg dry		*188*			*30-150*		
Matrix Spike (1231391-MS1)			**Source: SB62088-02**		Prepared: 20-Dec-12 Analyzed: 27-Dec-12					
Aroclor-1016	**875000**	QM1, D	µg/kg dry	398000	2490	BRL	35200	40-140		
Aroclor-1016 [2C]	**597000**	QM1, D	µg/kg dry	398000	2490	BRL	24000	40-140		
Aroclor-1260	**33400000**	QM1, D	µg/kg dry	398000	2490	BRL	1340000	40-140		
Aroclor-1260 [2C]	**17900000**	QM1, D	µg/kg dry	398000	2490	BRL	721000	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.00*	S01	µg/kg dry		*199*			*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*0.00*	S01	µg/kg dry		*199*			*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.00*	S01	µg/kg dry		*199*			*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.00*	S01	µg/kg dry		*199*			*30-150*		
Matrix Spike Dup (1231391-MSD1)			**Source: SB62088-02**		Prepared: 20-Dec-12 Analyzed: 27-Dec-12					
Aroclor-1016	**901000**	QM1, D	µg/kg dry	401000	2500	BRL	36000	40-140	2	30
Aroclor-1016 [2C]	**521000**	QM1, D	µg/kg dry	401000	2500	BRL	20800	40-140	14	30
Aroclor-1260	**35000000**	QM1, D	µg/kg dry	401000	2500	BRL	1400000	40-140	4	30
Aroclor-1260 [2C]	**18100000**	QM1, D	µg/kg dry	401000	2500	BRL	722000	40-140	0.1	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.00*	S01	µg/kg dry		*200*			*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*0.00*	S01	µg/kg dry		*200*			*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.00*	S01	µg/kg dry		*200*			*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.00*	S01	µg/kg dry		*200*			*30-150*		

Notes and Definitions

D	Data reported from a dilution
GS1	Sample dilution required for high concentration of target analytes to be within the instrument calibration range.
QM1	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
R01	The Reporting Limit has been raised to account for matrix interference.
S01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
June O'Connor

CT DAS RATES Apply SB62088 OK

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☑ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Henry Laliberte

Telephone #: 860-798-5689

Project Mgr. Henry Laliberte

Invoice To: Same

P.O. No.: C183572 RQN: _____

Project No.: 183572.4445.0010

Site Name: BIA - IAB (International Airport)

Location: Windsor State: CT

Sampler(s): Mike Kostrubi, Greg Kaczynski

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10= H_3PO_4 11= Cold 12= _____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Caulk X2= _____ X3= _____

G=Grab C=Composite

List preservative code below: 11

Containers: # of VOA Vials; # of Amber Glass; # of Clear Glass; # of Plastic

Analyses: 8082/3540C

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540C
62088-01	GD	12/17/12	0840	G	X1		1			X
02	GE		0830				1			
03	GF		0831				1			
04	GG		0850				1			

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report: Yes ☐ No ☐
CT DPH RCP Report: Yes ☒ No ☐

QA/QC Reporting Level
☑ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV* ☐ Other _____

State-specific reporting standards:

C4-Ext, Public Side - Expansion
C4-Ext, Public Side - Expansion
C4-Ext, Public Side, West
C4-Ext, Air Side, Window frame

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	12/18/12	1650	
	[signature]	12/19/12	1390	2.1

☐ EDD Format _____
☒ E-mail to HLaliberte@trcSolutions.com

Condition upon receipt:
☐ Ambient ☐ Iced ☑ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Report Date:
01-Aug-13 12:38

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

IAB #1
Bulk

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: BIA-Terminal B-Concourse A-Windsor Locks, CT
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB73891-01	01	Caulk	23-Jul-13 11:00	26-Jul-13 16:10

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 7 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: BIA-Terminal B-Concourse A-Windsor Locks, CT

Project Number: 183572.4445.0710

Sampling Date(s):
7/23/2013

Laboratory Sample ID(s):
SB73891-01

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	✓ Yes	No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	Yes	✓ No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 8/1/2013

CASE NARRATIVE:

The samples were received 0.6 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

There is no relevant protocol-specific QC and/or performance standards non-conformances to report.

Sample Acceptance Check Form

Client:	TRC - Windsor, CT
Project:	BIA-Terminal B-Concourse A-Windsor Locks, CT / 183572.4445.0710
Work Order:	SB73891
Sample(s) received on:	7/26/2013
Received by:	Jessica Hoffman

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
1. Were custody seals present?	☐	☑	☐
2. Were custody seals intact?	☐	☐	☑
3. Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
4. Were samples cooled on ice upon transfer to laboratory representative?	☐	☑	☐
5. Were samples refrigerated upon transfer to laboratory representative?	☑	☐	☐
6. Were sample containers received intact?	☑	☐	☐
7. Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
8. Were samples accompanied by a Chain of Custody document?	☑	☐	☐
9. Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☑	☐	☐
10. Did sample container labels agree with Chain of Custody document?	☑	☐	☐
11. Were samples received within method-specific holding times?	☑	☐	☐

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
01 S[illegible]891-01	183572.4445.0710	Caulk	23-Jul-13 11:00	26-Jul-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 158		µg/kg dry	158	118	1	SW846 8082A	29-Jul-13	31-Jul-13	BLM	1317915	X
11104-28-2	Aroclor-1221	< 158		µg/kg dry	158	142	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 158		µg/kg dry	158	101	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 158		µg/kg dry	158	94.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 158		µg/kg dry	158	81.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	796		µg/kg dry	158	131	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 158		µg/kg dry	158	97.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 158		µg/kg dry	158	147	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 158		µg/kg dry	158	65.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*130*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	29-Jul-13	29-Jul-13	DT	1317903	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1317915 - SW846 3540C										
Blank (1317915-BLK1)					Prepared: 29-Jul-13 Analyzed: 30-Jul-13					
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*27.0*		µg/kg wet		*20.0*		*135*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*25.0*		µg/kg wet		*20.0*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*29.0*		µg/kg wet		*20.0*		*145*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*29.0*		µg/kg wet		*20.0*		*145*	*30-150*		
LCS (1317915-BS1)					Prepared: 29-Jul-13 Analyzed: 30-Jul-13					
Aroclor-1016	**298**		µg/kg wet	20.0	250		119	40-140		
Aroclor-1016 [2C]	**270**		µg/kg wet	20.0	250		108	40-140		
Aroclor-1260	**276**		µg/kg wet	20.0	250		110	40-140		
Aroclor-1260 [2C]	**315**		µg/kg wet	20.0	250		126	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*12.0*		µg/kg wet		*20.0*		*60*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*27.0*		µg/kg wet		*20.0*		*135*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*27.0*		µg/kg wet		*20.0*		*135*	*30-150*		
LCS Dup (1317915-BSD1)					Prepared: 29-Jul-13 Analyzed: 30-Jul-13					
Aroclor-1016	**294**		µg/kg wet	20.0	250		118	40-140	1	30
Aroclor-1016 [2C]	**273**		µg/kg wet	20.0	250		109	40-140	1	30
Aroclor-1260	**280**		µg/kg wet	20.0	250		112	40-140	1	30
Aroclor-1260 [2C]	**320**		µg/kg wet	20.0	250		128	40-140	2	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*27.0*		µg/kg wet		*20.0*		*135*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*27.0*		µg/kg wet		*20.0*		*135*	*30-150*		

Notes and Definitions

dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
Kimberly Wisk

SB73891 JB

SPECTRUM ANALYTICAL, INC.
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CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Gregory Kaczynski
21 Griffin Rd North
Windsor, CT 06095
TRC Environmental
Telephone #: 860-298-9692
Project Mgr. Henry Lalibert

Invoice To: (Same as Report)
P.O. No.: C183572 RQN:

Project No.: 183572.0000.4445.0710
Site Name: RIA - IAB
Location: Windsor Locks State: CT
Sampler(s): Gregory Kaczynski

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Cooler X2= X3=

G=Grab C=Composite

Containers: # of VOA Vials; # of Amber Glass; # of Clear Glass; # of Plastic

Analyses: RCP 2002/8260 40X

MA DEP MCP CAM Report: Yes ☐ No ☐
CT DPH RCP Report: Yes ☒ No ☐

QA/QC Reporting Level
☐ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	RCP 2002/8260 40X	
73891-01	01	7/23/13	1100	G	X1			X		X	

CT-ext. Public site Location

RCP per Project Manual 7/27/13 JB

06/10/06 IR02

Relinquished by:	Received by:	Date:	Time:	Temp°C
DK	DK	7/26/13	9:50	
DK	JLH	7/26/13	1610	

☐ EDD Format
☐ E-mail to

Condition upon receipt: ☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1-IA8 S[illegible]393-71	183572.4445.0710	Caulk	16-Aug-13 09:07	20-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 128		µg/kg dry	128	95.6	1	SW846 8082A	22-Aug-13	24-Aug-13	BLM	1320310	X
11104-28-2	Aroclor-1221	< 128		µg/kg dry	128	115	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 128		µg/kg dry	128	82.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 128		µg/kg dry	128	77.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 128		µg/kg dry	128	66.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	960		µg/kg dry	128	107	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 128		µg/kg dry	128	79.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 128		µg/kg dry	128	119	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 128		µg/kg dry	128	52.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320228	

This laboratory report is not valid without an authorized signature on the cover page.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
2-1A8 SB75393-72	183572.4445.0710	Caulk	16-Aug-13 09:13	20-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 123		µg/kg dry	123	91.6	1	SW846 8082A	22-Aug-13	24-Aug-13	BLM	1320310	X
11104-28-2	Aroclor-1221	< 123		µg/kg dry	123	110	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 123		µg/kg dry	123	78.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 123		µg/kg dry	123	73.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 123		µg/kg dry	123	63.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,370		µg/kg dry	123	102	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 123		µg/kg dry	123	76.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 123		µg/kg dry	123	114	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 123		µg/kg dry	123	50.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320228	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
3-MT SB75393-73	183572.4445.0710	Caulk	16-Aug-13 08:55	20-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 119000	D	µg/kg dry	119000	88900	1000	SW846 8082A	22-Aug-13	24-Aug-13	BLM	1320310	X
11104-28-2	Aroclor-1221	< 119000	D	µg/kg dry	119000	107000	1000	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 119000	D	µg/kg dry	119000	76400	1000	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 119000	D	µg/kg dry	119000	71600	1000	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 119000	D	µg/kg dry	119000	61900	1000	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**24,700,000**	D	µg/kg dry	119000	99200	1000	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	**2,740,000**	P, D	µg/kg dry	119000	59500	1000	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 119000	D	µg/kg dry	119000	111000	1000	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 119000	D	µg/kg dry	119000	49100	1000	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**91.7**		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320228	

Utilize CT DAS Rates

8875393 JB

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 8 of 8

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: (Same as 1st Page)

Telephone #:

Project Mgr.

Invoice To: (Same as 1st Page)

P.O. No.: RQN:

Project No.: 183572.4445.0710

Site Name: BIA - IAB + MT

Location: Windsor Locks State: CT

Sampler(s): GK / MK

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Caulk X2= X3=

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analyses: 8082/3546

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3546	Other Analyses	State-specific reporting standards:
75393 71	1-IAB	8/16/13	0907	G	X1			1		X		Brown caulk - Bldg 1
72	2-IAB	↓	0913	↓	↓			1		X		" " - Bldg 2
73	3-MT	↓	0855	↓	↓			1		X		Grey caulk - Bldg 4

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	8/19/13	1620	
[signature]	[signature]	8/20/13	9m	
[signature]	[signature]	8-20-13	16:30	
2-1/-1/1.1 IR				

☐ EDD Format
☐ E-mail to

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Report Date:
03-Oct-13 15:07

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

IAB

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: Conn DOT - Windsor Locks, CT
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB77706-01	C1-A	Caulk	26-Sep-13 18:05	01-Oct-13 16:10
SB77706-02	C1-B	Caulk	26-Sep-13 18:10	01-Oct-13 16:10
SB77706-03	C1-C	Caulk	26-Sep-13 18:00	01-Oct-13 16:10
SB77706-04	C4C-1	Caulk	26-Sep-13 18:20	01-Oct-13 16:10
SB77706-05	C4C-2	Caulk	26-Sep-13 18:25	01-Oct-13 16:10
SB77706-06	WG2(A)	Caulk	27-Sep-13 11:20	01-Oct-13 16:10
SB77706-07	WG2(B)	Caulk	27-Sep-13 11:35	01-Oct-13 16:10

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 15 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

State Of Connecticut
Department of Environmental Protection
Laboratory Quality Control and Quality Assurance Form

Laboratory Name: Spectrum Analytical, Inc.

Project Location: Conn DOT - Windsor Locks, CT

Project Name and Number: Conn DOT - Windsor Locks, CT / 183572.4445.0710

This form provides certification for the following data set: SB77706-01 through SB77706-07

Sample matrices:	**Analytical methods used:**
Caulk	SM2540 G Mod. SW846 8082A

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain of Custody documentation for the data set?	☑ Yes	☐ No
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed?	☑ Yes	☐ No
C	Were all QC performance standards and recommendations for the specified methods achieved?	☑ Yes	☐ No
D	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☑ Yes	☐ No *

* The compounds and/or elements reported are as specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

Negative responses for A, B and C are addressed in a case narrative on the cover page of this report.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 10/3/2013

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: Conn DOT - Windsor Locks, CT

Project Number: 183572.4445.0710

Sampling Date(s):
9/26/2013 through 9/27/2013

Laboratory Sample ID(s):
SB77706-01 through SB77706-07

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	Yes	✓ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	Yes	✓ No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 10/3/2013

CASE NARRATIVE:

The samples were received 2.5 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8082A

Samples:

SB77706-01 *C1-A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr)

SB77706-02 *C1-B*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr)

SW846 8082A

Samples:

SB77706-03 *C1-C*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr)

SB77706-04 *C4C-1*

The Reporting Limit has been raised to account for matrix interference.

SB77706-05 *C4C-2*

The Reporting Limit has been raised to account for matrix interference.

Sample Acceptance Check Form

Client:	TRC - Windsor, CT
Project:	Conn DOT - Windsor Locks, CT / 183572.4445.0710
Work Order:	SB77706
Sample(s) received on:	10/1/2013
Received by:	Tanya Krivolenko

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
1. Were custody seals present?	☐	☑	☐
2. Were custody seals intact?	☐	☐	☑
3. Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
4. Were samples cooled on ice upon transfer to laboratory representative?	☐	☑	☐
5. Were samples refrigerated upon transfer to laboratory representative?	☑	☐	☐
6. Were sample containers received intact?	☑	☐	☐
7. Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
8. Were samples accompanied by a Chain of Custody document?	☑	☐	☐
9. Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☑	☐	☐
10. Did sample container labels agree with Chain of Custody document?	☑	☐	☐
11. Were samples received within method-specific holding times?	☑	☐	☐

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
C1-A [redacted]706-01	183572.4445.0710	Caulk	26-Sep-13 18:05	01-Oct-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 140		µg/kg dry	140	104	1	SW846 8082A	01-Oct-13	02-Oct-13	IMR	1323682	X
11104-28-2	Aroclor-1221	< 140		µg/kg dry	140	126	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 140		µg/kg dry	140	89.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 140		µg/kg dry	140	84.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 140		µg/kg dry	140	72.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 699	R01	µg/kg dry	699	583	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 699	R01	µg/kg dry	699	434	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 699	R01	µg/kg dry	699	651	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 699	R01	µg/kg dry	699	288	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*205*	S02		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	02-Oct-13	02-Oct-13	DT	1323770	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
C1-B SB77706-02	183572.4445.0710	Caulk	26-Sep-13 18:10	01-Oct-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 108		µg/kg dry	108	81.0	1	SW846 8082A	01-Oct-13	02-Oct-13	IMR	1323682	X
11104-28-2	Aroclor-1221	< 108		µg/kg dry	108	97.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 108		µg/kg dry	108	69.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 108		µg/kg dry	108	65.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 108		µg/kg dry	108	56.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 542	R01	µg/kg dry	542	452	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 542	R01	µg/kg dry	542	336	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 542	R01	µg/kg dry	542	505	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 542	R01	µg/kg dry	542	224	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*510*	S02		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.5		%			1	SM2540 G Mod.	02-Oct-13	02-Oct-13	DT	1323770	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
C1-C [redacted]06-03	183572.4445.0710	Caulk	26-Sep-13 18:00	01-Oct-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 133		µg/kg dry	133	99.1	1	SW846 8082A	01-Oct-13	02-Oct-13	IMR	1323682	X
11104-28-2	Aroclor-1221	< 133		µg/kg dry	133	119	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 133		µg/kg dry	133	85.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 133		µg/kg dry	133	79.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 133		µg/kg dry	133	69.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 663	R01	µg/kg dry	663	553	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 663	R01	µg/kg dry	663	411	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 663	R01	µg/kg dry	663	618	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 663	R01	µg/kg dry	663	274	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*1790*	S02		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*135*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	99.1		%			1	SM2540 G Mod.	02-Oct-13	02-Oct-13	DT	1323770	

This laboratory report is not valid without an authorized signature on the cover page.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
C4C-1 SB77706-04	183572.4445.0710	Caulk	26-Sep-13 18:20	01-Oct-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 554		µg/kg dry	554	414	1	SW846 8082A	01-Oct-13	02-Oct-13	IMR	1323682	X
11104-28-2	Aroclor-1221	< 554		µg/kg dry	554	499	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 554		µg/kg dry	554	356	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 554		µg/kg dry	554	333	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 554		µg/kg dry	554	288	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 554		µg/kg dry	554	462	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 554		µg/kg dry	554	343	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 554		µg/kg dry	554	516	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 554		µg/kg dry	554	228	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.5		%			1	SM2540 G Mod.	02-Oct-13	02-Oct-13	DT	1323770	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
C4C-2 [illegible]706-05	183572.4445.0710	Caulk	26-Sep-13 18:25	01-Oct-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 704		µg/kg dry	704	526	1	SW846 8082A	01-Oct-13	02-Oct-13	IMR	1323682	X
11104-28-2	Aroclor-1221	< 704		µg/kg dry	704	635	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 704		µg/kg dry	704	452	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 704		µg/kg dry	704	424	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 704		µg/kg dry	704	366	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 704		µg/kg dry	704	587	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 704		µg/kg dry	704	437	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 704		µg/kg dry	704	656	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 704		µg/kg dry	704	291	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*40*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.4		%			1	SM2540 G Mod.	02-Oct-13	02-Oct-13	DT	1323771	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
WG2(A)	183572.4445.0710	Caulk	27-Sep-13 11:20	01-Oct-13
SB77706-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 146		µg/kg dry	146	109	1	SW846 8082A	01-Oct-13	02-Oct-13	IMR	1323682	X
11104-28-2	Aroclor-1221	< 146		µg/kg dry	146	132	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 146		µg/kg dry	146	93.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 146		µg/kg dry	146	87.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 146		µg/kg dry	146	76.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 146		µg/kg dry	146	122	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 146		µg/kg dry	146	90.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 146		µg/kg dry	146	136	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 146		µg/kg dry	146	60.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*30*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	02-Oct-13	02-Oct-13	DT	1323771	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
WG2(B)	183572.4445.0710	Caulk	27-Sep-13 11:35	01-Oct-13
S[illegible]706-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 121		µg/kg dry	121	90.4	1	SW846 8082A	01-Oct-13	02-Oct-13	IMR	1323682	X
11104-28-2	Aroclor-1221	< 121		µg/kg dry	121	109	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 121		µg/kg dry	121	77.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 121		µg/kg dry	121	72.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 121		µg/kg dry	121	62.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 121		µg/kg dry	121	101	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 121		µg/kg dry	121	75.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 121		µg/kg dry	121	113	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 121		µg/kg dry	121	49.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	02-Oct-13	02-Oct-13	DT	1323771	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1323682 - SW846 3540C										
Blank (1323682-BLK1)					Prepared: 01-Oct-13 Analyzed: 02-Oct-13					
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
LCS (1323682-BS1)					Prepared: 01-Oct-13 Analyzed: 02-Oct-13					
Aroclor-1016	**214**		µg/kg wet	20.0	250		86	40-140		
Aroclor-1016 [2C]	**217**		µg/kg wet	20.0	250		87	40-140		
Aroclor-1260	**201**		µg/kg wet	20.0	250		80	40-140		
Aroclor-1260 [2C]	**209**		µg/kg wet	20.0	250		84	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.0*		µg/kg wet		*20.0*		*75*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
LCS Dup (1323682-BSD1)					Prepared: 01-Oct-13 Analyzed: 02-Oct-13					
Aroclor-1016	**214**		µg/kg wet	20.0	250		86	40-140	0	30
Aroclor-1016 [2C]	**207**		µg/kg wet	20.0	250		83	40-140	5	30
Aroclor-1260	**194**		µg/kg wet	20.0	250		78	40-140	4	30
Aroclor-1260 [2C]	**205**		µg/kg wet	20.0	250		82	40-140	2	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		

Notes and Definitions

R01	The Reporting Limit has been raised to account for matrix interference.
R02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
June O'Connor

✓ SB77706RM

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

(Within CT DAS Rate)

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 2 Day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: TRC Environmental
21 Griffin Rd North
Windsor, CT 06095
Telephone #: 860-298-9692
Project Mgr. Henry Lubbock

Invoice To: (Same as report)
P.O. No.: C183572 RQN:

Project No.: 183572.4445.0710
Site Name: ConnDOT-BIA-IAB
Location: Windsor Locks State: CT
Sampler(s): Mike Kostrubala

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10= H_3PO_4 11= 12=

List preservative code below:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Caulk X2= X3=

G=Grab C=Composite

Containers: # of VOA Vials; # of Amber Glass; # of Clear Glass; # of Plastic

Analyses: 8082/3540C

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report: Yes ☐ No ☐
CT DPH RCP Report: Yes ☒ No ☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NYASP A* ☐ NYASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540C	State-specific reporting standards
SB77706-01	C1-A	9/26/13	1805	G	X1		1			X	outside Bag & area
-02	C1-B	9/26/13	1810				1			X	
-03	C1-C		1800				1			X	
-04	C4C-1		1820							X	Public side - vent
-05	C4C-2		1825							X	
-06	WG2(A)	9/27/13	1120				1			X	Exterior - outside Bay door
-07	WG2(B)		1135							X	

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	10-1-13	9:55	
[signature]	[signature]	10-1-13	11:10	

☐ EDD Format
☐ E-mail to

Condition upon receipt: ☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

35/-1/25 IR02

Report Date:
10-Dec-12 17:09

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: BIA-Terminal B-Concourse A-Windsor Locks, CT
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB61035-01	15A	Caulk/Glaze	28-Nov-12 10:50	03-Dec-12 17:00
SB61035-02	38A	Caulk/Glaze	28-Nov-12 11:00	03-Dec-12 17:00
SB61035-03	46A	Caulk/Glaze	28-Nov-12 11:09	03-Dec-12 17:00
SB61035-04	16C	Caulk/Glaze	30-Nov-12 13:23	03-Dec-12 17:00

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 10 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: BIA-Terminal B-Concourse A-Windsor Locks, CT

Project Number: 183572.4445.0710

Sampling Date(s):
11/28/2012 through 11/30/2012

Laboratory Sample ID(s):
SB61035-01 through SB61035-04

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes No
3	Were samples received at an appropriate temperature?	✓ Yes No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	Yes ✓ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes ✓ No Yes No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	✓ Yes No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 12/10/2012

CASE NARRATIVE:

The samples were received 3.0 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetraehloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8082A

Spikes:

1229995-MS2 *Source: SB61035-01*

Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

Decachlorobiphenyl (Sr) [2C]

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Aroclor-1016
Aroclor-1016 [2C]

1229995-MSD2 *Source: SB61035-01*

Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

Decachlorobiphenyl (Sr) [2C]

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Aroclor-1016

Samples:

SB61035-02 *38A*

SW846 8082A

Samples:

SB61035-02 *38A*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB61035-03 *46A*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

Sample Identification

15A

[redacted]1035-01

Client Project #	Matrix	Collection Date/Time	Received
183572.4445.0710	Caulk/Glaze	28-Nov-12 10:50	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 187		µg/kg dry	187	93.2	1	SW846 8082A	05-Dec-12	08-Dec-12	BLM	1229995	X
11104-28-2	Aroclor-1221	< 187		µg/kg dry	187	168	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 187		µg/kg dry	187	120	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 187		µg/kg dry	187	110	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 187		µg/kg dry	187	91.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	7,420		µg/kg dry	187	137	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	588		µg/kg dry	187	71.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 187		µg/kg dry	187	174	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 187		µg/kg dry	187	58.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229906	

Sample Identification

38A

SB6I035-02

Client Project #	Matrix	Collection Date/Time	Received
183572.4445.0710	Caulk/Glaze	28-Nov-12 11:00	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 367000	D	µg/kg dry	367000	184000	2000	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229995	X
11104-28-2	Aroclor-1221	< 367000	D	µg/kg dry	367000	331000	2000	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 367000	D	µg/kg dry	367000	236000	2000	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 367000	D	µg/kg dry	367000	216000	2000	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 367000	D	µg/kg dry	367000	180000	2000	"	"	"	"	"	X
11097-69-1	Aroclor-1254	20,200,000	D	µg/kg dry	367000	156000	2000	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 367000	D	µg/kg dry	367000	141000	2000	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 367000	D	µg/kg dry	367000	342000	2000	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 367000	D	µg/kg dry	367000	115000	2000	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
[redacted]-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
38A SB61035-02	183572.4445.0710	Caulk/Glaze	28-Nov-12 11:00	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
General Chemistry Parameters													
	% Solids	98.1		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229906	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
46A SB61035-03	183572.4445.0710	Caulk/Glaze	28-Nov-12 11:09	03-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 869000	D	µg/kg dry	869000	434000	5000	SW846 8082A	05-Dec-12	09-Dec-12	BLM	1229995	X
11104-28-2	Aroclor-1221	< 869000	D	µg/kg dry	869000	783000	5000	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 869000	D	µg/kg dry	869000	558000	5000	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 869000	D	µg/kg dry	869000	512000	5000	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 869000	D	µg/kg dry	869000	426000	5000	"	"	"	"	"	X
11097-69-1	Aroclor-1254	7,860,000	D	µg/kg dry	869000	369000	5000	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 869000	D	µg/kg dry	869000	333000	5000	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 869000	D	µg/kg dry	869000	809000	5000	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 869000	D	µg/kg dry	869000	273000	5000	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229906	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
16C	183572.4445.0710	Caulk/Glaze	30-Nov-12 13:23	03-Dec-12
S[illegible]035-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 165		µg/kg dry	165	82.5	1	SW846 8082A	05-Dec-12	08-Dec-12	BLM	1229995	X
11104-28-2	Aroclor-1221	< 165		µg/kg dry	165	149	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 165		µg/kg dry	165	106	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 165		µg/kg dry	165	97.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 165		µg/kg dry	165	81.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	760		µg/kg dry	165	121	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 165		µg/kg dry	165	63.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 165		µg/kg dry	165	154	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 165		µg/kg dry	165	51.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	05-Dec-12	05-Dec-12	DT	1229906	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1229995 - SW846 3540C										
Blank (1229995-BLK1)					Prepared: 05-Dec-12 Analyzed: 07-Dec-12					
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
LCS (1229995-BS1)					Prepared: 05-Dec-12 Analyzed: 07-Dec-12					
Aroclor-1016	**206**		µg/kg wet	20.0	250		82	40-140		
Aroclor-1016 [2C]	**210**		µg/kg wet	20.0	250		84	40-140		
Aroclor-1260	**186**		µg/kg wet	20.0	250		74	40-140		
Aroclor-1260 [2C]	**164**		µg/kg wet	20.0	250		66	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
LCS (1229995-BS2)					Prepared: 05-Dec-12 Analyzed: 07-Dec-12					
Aroclor-1268	**813**		µg/kg wet	20.0	1000		81	40-140		
Aroclor-1268 [2C]	**764**		µg/kg wet	20.0	1000		76	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*27.0*		µg/kg wet		*20.0*		*135*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*29.0*		µg/kg wet		*20.0*		*145*	*30-150*		
LCS Dup (1229995-BSD1)					Prepared: 05-Dec-12 Analyzed: 07-Dec-12					
Aroclor-1016	**204**		µg/kg wet	20.0	250		82	40-140	1	30
Aroclor-1016 [2C]	**205**		µg/kg wet	20.0	250		82	40-140	2	30
Aroclor-1260	**185**		µg/kg wet	20.0	250		74	40-140	0.5	30
Aroclor-1260 [2C]	**163**		µg/kg wet	20.0	250		65	40-140	0.6	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
LCS Dup (1229995-BSD2)					Prepared: 05-Dec-12 Analyzed: 07-Dec-12					
Aroclor-1268	**813**		µg/kg wet	20.0	1000		81	40-140	0	30
Aroclor-1268 [2C]	**782**		µg/kg wet	20.0	1000		78	40-140	2	30

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1229995 - SW846 3540C										
LCS Dup (1229995-BSD2)						Prepared: 05-Dec-12	Analyzed: 07-Dec-12			
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*27.0*		µg/kg wet		*20.0*		*135*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*30.0*		µg/kg wet		*20.0*		*150*	*30-150*		
Matrix Spike (1229995-MS2)			Source: SB61035-01			Prepared: 05-Dec-12	Analyzed: 08-Dec-12			
Aroclor-1016	**3700**	QM7	µg/kg dry	181	2270	BRL	163	40-140		
Aroclor-1016 [2C]	**3570**	QM7	µg/kg dry	181	2270	BRL	158	40-140		
Aroclor-1260	**2320**		µg/kg dry	181	2270	588	76	40-140		
Aroclor-1260 [2C]	**2860**		µg/kg dry	181	2270	588	100	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*217*		µg/kg dry		*181*		*120*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*263*		µg/kg dry		*181*		*145*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*154*		µg/kg dry		*181*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*317*	SGC	µg/kg dry		*181*		*175*	*30-150*		
Matrix Spike Dup (1229995-MSD2)			Source: SB61035-01			Prepared: 05-Dec-12	Analyzed: 08-Dec-12			
Aroclor-1016	**3770**	QM7	µg/kg dry	173	2170	BRL	174	40-140	6	30
Aroclor-1016 [2C]	**2950**		µg/kg dry	173	2170	BRL	136	40-140	15	30
Aroclor-1260	**2580**		µg/kg dry	173	2170	588	92	40-140	19	30
Aroclor-1260 [2C]	**3180**		µg/kg dry	173	2170	588	120	40-140	17	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*199*		µg/kg dry		*173*		*115*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*234*		µg/kg dry		*173*		*135*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*147*		µg/kg dry		*173*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*295*	SGC	µg/kg dry		*173*		*170*	*30-150*		

Notes and Definitions

D	Data reported from a dilution
GS1	Sample dilution required for high concentration of target analytes to be within the instrument calibration range.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
S01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
June O'Connor
Nicole Leja

* Please utilize CT DAS Contract Rates *

SB 61035 OK

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- [x] Standard TAT - 7 to 10 business days
- [ ] Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: H.L.
TRC
21 Griffin Rd No.
Windsor CT 06095
Telephone #: 860 298 6266
Project Mgr. H. Laliberte

Invoice To: H. Laliberte
TRC
21 Griffin Rd North
Windsor, CT 06095
P.O. No.: C183572 RQN: _____

Project No.: 183572-4445-00710
Site Name: BFA-Terminal B- Murphy Terminal & Conc A
Location: Windsor Locks State: CT
Sampler(s): TM / GK

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10= H_3PO_4 11= _____ 12= _____

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Caulk/Glaze X2= _____ X3= _____

G=Grab C=Composite

MA DEP MCP CAM Report: Yes ☐ No ☐
CT DPH RCP Report: Yes ☒ No ☐

QA/QC Reporting Level
- [x] Standard ☐ No QC ☐ DQA*
- ☐ NY ASP A* ☐ NY ASP B*
- ☐ NJ Reduced* ☐ NJ Full*
- ☐ TIER II* ☐ TIER IV*
- ☐ Other _____

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	PCB 8082/3540C								State-specific reporting standards:
61035-01	15A	11/28/12	1050	G	K1			1		X								C15-2nd FL RF, west side
02	38A	↓	1100	↓	↓			1		X								WG4-
03	46A	↓	1109	↓	↓			1		X								WG12- ↓
↓ 04	16C	11/30/12	1323	X	X			1		X								C9- Conc A- ext, east side

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	11/30/12	1630	
[signature]	[signature]	12-3-12	17:00	3.0

☐ EDD Format _____
☒ E-mail to HLaliberte@TRCsolutions.com

Condition upon receipt:
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Report Date:
17-Dec-12 16:57

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: ConnDOT-Murphy Termial, BIA
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB61522-01	1A	Caulk	04-Dec-12 07:57	10-Dec-12 17:15
SB61522-02	1B	Caulk	04-Dec-12 08:04	10-Dec-12 17:15
SB61522-03	2A	Caulk	04-Dec-12 08:10	10-Dec-12 17:15
SB61522-04	2B	Caulk	04-Dec-12 09:44	10-Dec-12 17:15
SB61522-05	2C	Caulk	04-Dec-12 11:35	10-Dec-12 17:15
SB61522-06	3A	Caulk	04-Dec-12 08:21	10-Dec-12 17:15
SB61522-07	3B	Caulk	04-Dec-12 10:00	10-Dec-12 17:15
SB61522-08	3C	Caulk	04-Dec-12 11:00	10-Dec-12 17:15
SB61522-09	4A	Caulk	04-Dec-12 10:10	10-Dec-12 17:15
SB61522-10	4B	Caulk	04-Dec-12 10:05	10-Dec-12 17:15
SB61522-11	7A	Caulk	30-Nov-12 14:36	10-Dec-12 17:15
SB61522-12	8A	Caulk	04-Dec-12 11:40	10-Dec-12 17:15
SB61522-13	8B	Caulk	04-Dec-12 12:00	10-Dec-12 17:15
SB61522-14	28A	Caulk	04-Dec-12 13:50	10-Dec-12 17:15
SB61522-15	9A	Caulk	04-Dec-12 13:36	10-Dec-12 17:15
SB61522-16	9B	Caulk	04-Dec-12 13:55	10-Dec-12 17:15
SB61522-17	11A	Caulk	30-Nov-12 13:52	10-Dec-12 17:15
SB61522-18	11B	Caulk	30-Nov-12 13:55	10-Dec-12 17:15
SB61522-19	12A	Caulk	04-Dec-12 08:37	10-Dec-12 17:15
SB61522-20	12B	Caulk	04-Dec-12 08:30	10-Dec-12 17:15
SB61522-21	12C	Caulk	04-Dec-12 08:35	10-Dec-12 17:15
SB61522-22	13A	Caulk	05-Dec-12 11:06	10-Dec-12 17:15
SB61522-23	13B	Caulk	05-Dec-12 11:35	10-Dec-12 17:15
SB61522-24	14A	Caulk	05-Dec-12 11:14	10-Dec-12 17:15
SB61522-25	14B	Caulk	05-Dec-12 11:10	10-Dec-12 17:15
SB61522-26	15A	Caulk	05-Dec-12 14:25	10-Dec-12 17:15
SB61522-27	15B	Caulk	05-Dec-12 10:40	10-Dec-12 17:15
SB61522-28	16A	Caulk	03-Dec-12 09:01	10-Dec-12 17:15
SB61522-29	16B	Caulk	03-Dec-12 09:06	10-Dec-12 17:15
SB61522-30	16C	Caulk	03-Dec-12 09:11	10-Dec-12 17:15
SB61522-31	17A	Caulk	03-Dec-12 10:28	10-Dec-12 17:15
SB61522-32	18A	Caulk	03-Dec-12 11:28	10-Dec-12 17:15
SB61522-33	18B	Caulk	03-Dec-12 11:38	10-Dec-12 17:15
SB61522-34	18C	Caulk	03-Dec-12 11:46	10-Dec-12 17:15
SB61522-35	56A	Caulk	04-Dec-12 14:42	10-Dec-12 17:15
SB61522-36	56B	Caulk	05-Dec-12 08:31	10-Dec-12 17:15
SB61522-37	56C	Caulk	05-Dec-12 08:25	10-Dec-12 17:15

SB61522-38	29A	Caulk	05-Dec-12 11:35	10-Dec-12 17:15
SB61522-39	29B	Caulk	05-Dec-12 11:56	10-Dec-12 17:15
SB61522-40	30A	Caulk	05-Dec-12 14:04	10-Dec-12 17:15
SB61522-41	30B	Caulk	05-Dec-12 14:09	10-Dec-12 17:15
SB61522-42	30C	Caulk	05-Dec-12 14:20	10-Dec-12 17:15
SB61522-43	57A	Caulk	04-Dec-12 14:46	10-Dec-12 17:15
SB61522-44	57B	Caulk	05-Dec-12 08:46	10-Dec-12 17:15
SB61522-45	58A	Caulk	05-Dec-12 13:20	10-Dec-12 17:15
SB61522-46	58B	Caulk	05-Dec-12 13:30	10-Dec-12 17:15
SB61522-47	58C	Caulk	05-Dec-12 13:41	10-Dec-12 17:15
SB61522-48	35A	Caulk	04-Dec-12 08:50	10-Dec-12 17:15
SB61522-49	35B	Caulk	04-Dec-12 09:42	10-Dec-12 17:15
SB61522-50	55A	Caulk	04-Dec-12 09:01	10-Dec-12 17:15
SB61522-51	55B	Caulk	04-Dec-12 08:55	10-Dec-12 17:15
SB61522-52	36A	Caulk	04-Dec-12 11:45	10-Dec-12 17:15
SB61522-53	36B	Caulk	04-Dec-12 13:20	10-Dec-12 17:15
SB61522-54	37A	Caulk	04-Dec-12 14:22	10-Dec-12 17:15
SB61522-55	37B	Caulk	04-Dec-12 14:26	10-Dec-12 17:15
SB61522-56	38B	Caulk	04-Dec-12 14:30	10-Dec-12 17:15
SB61522-57	40A	Caulk	05-Dec-12 10:21	10-Dec-12 17:15
SB61522-58	40B	Caulk	05-Dec-12 10:31	10-Dec-12 17:15
SB61522-59	41A	Caulk	05-Dec-12 10:32	10-Dec-12 17:15
SB61522-60	42A	Caulk	05-Dec-12 14:45	10-Dec-12 17:15
SB61522-61	46B	Caulk	03-Dec-12 10:15	10-Dec-12 17:15
SB61522-62	46C	Caulk	03-Dec-12 10:20	10-Dec-12 17:15
SB61522-63	50A	Caulk	04-Dec-12 11:00	10-Dec-12 17:15
SB61522-64	50B	Caulk	04-Dec-12 11:20	10-Dec-12 17:15
SB61522-65	51A	Caulk	03-Dec-12 08:25	10-Dec-12 17:15
SB61522-66	51B	Caulk	04-Dec-12 11:10	10-Dec-12 17:15
SB61522-67	51C	Caulk	04-Dec-12 13:15	10-Dec-12 17:15
SB61522-68	52A	Caulk	04-Dec-12 10:20	10-Dec-12 17:15
SB61522-69	54A	Caulk	03-Dec-12 09:50	10-Dec-12 17:15
SB61522-70	54B	Caulk	03-Dec-12 09:57	10-Dec-12 17:15
SB61522-71	54C	Caulk	03-Dec-12 11:18	10-Dec-12 17:15
SB61522-72	S11A	Caulk	05-Dec-12 14:09	10-Dec-12 17:15

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 94 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

State Of Connecticut
Department of Environmental Protection
Laboratory Quality Control and Quality Assurance Form

Laboratory Name: Spectrum Analytical, Inc.

Project Location: ConnDOT-Murphy Termial, BIA

Project Name and Number: ConnDOT-Murphy Termial, BIA / 183572.4445.0710

This form provides certification for the following data set: SB61522-01 through SB61522-72

Sample matrices:	**Analytical methods used:**
Caulk	SM2540 G Mod. SW846 8082A

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain of Custody documentation for the data set?	☑ Yes	☐ No
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed?	☑ Yes	☐ No
C	Were all QC performance standards and recommendations for the specified methods achieved?	☑ Yes	☐ No
D	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☐ Yes	☑ No *

* The compounds and/or elements reported are as specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

Negative responses for A, B and C are addressed in a case narrative on the cover page of this report.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 12/17/2012

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: ConnDOT-Murphy Termial, BIA

Project Number: 183572.4445.0710

Sampling Date(s):
11/30/2012 through 12/5/2012

Laboratory Sample ID(s):
SB61522-01 through SB61522-72

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	Yes	✓ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	✓ Yes	No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 12/17/2012

CASE NARRATIVE:

The samples were received 2.8 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8082A

Laboratory Control Samples:

1230493-BS2

The recovery of surrogate Decachlorobiphenyl was outside of the acceptance limits due to interference from a co-eluting Aroclor-1268 peak. The recovery of surrogate 4,4-DB-Octafluorobiphenyl is within acceptance limits.

Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

1230493-BSD2

The recovery of surrogate Decachlorobiphenyl was outside of the acceptance limits due to interference from a co-eluting Aroclor-1268 peak. The recovery of surrogate 4,4-DB-Octafluorobiphenyl is within acceptance limits.

Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

Spikes:

1230535-MS1 *Source: SB61522-13*

The spike recovery was outside acceptance limits for the MS, MSD and/or PS due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

Aroclor-1016 [2C]

1230535-MSD1 *Source: SB61522-13*

SW846 8082A

Spikes:

1230535-MSD1 *Source: SB61522-13*

The spike recovery was outside acceptance limits for the MS, MSD and/or PS due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

Aroclor-1016
Aroclor-1016 [2C]

Duplicates:

1230535-DUP1 *Source: SB61522-13*

Analyses are not controlled on RPD values from sample concentrations less than the reporting limit. QC batch accepted based on LCS and/or LCSD QC results

Aroclor-1260

1230536-DUP1 *Source: SB61522-38*

Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.

Aroclor-1254 [2C]

1230537-DUP1 *Source: SB61522-54*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1016 [2C]
Aroclor-1221
Aroclor-1221 [2C]
Aroclor-1232
Aroclor-1232 [2C]
Aroclor-1242
Aroclor-1242 [2C]
Aroclor-1248
Aroclor-1248 [2C]

Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.

Aroclor-1254

Samples:

SB61522-01 *1A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1254

SB61522-05 *2C*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB61522-06 *3A*

SW846 8082A

Samples:

SB61522-06 *3A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248

SB61522-07 *3B*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248

SB61522-10 *4B*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr)

SB61522-15 *9A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248

SB61522-16 *9B*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248

SB61522-17 *11A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB61522-18 *11B*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB61522-23 *13B*

SW846 8082A

Samples:

SB61522-23 *13B*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1260
Aroclor-1262
Aroclor-1268

SB61522-24 *14A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1260
Aroclor-1262
Aroclor-1268

SB61522-25 *14B*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1260
Aroclor-1262
Aroclor-1268

SB61522-26 *15A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248

SB61522-28 *16A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB61522-29 *16B*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB61522-30 *16C*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB61522-32 *18A*

The Reporting Limit has been raised to account for matrix interference.

SB61522-33 *18B*

SW846 8082A

Samples:

SB61522-33 *18B*

The Reporting Limit has been raised to account for matrix interference.

SB61522-34 *18C*

The Reporting Limit has been raised to account for matrix interference.

SB61522-35 *56A*

The Reporting Limit has been raised to account for matrix interference.

SB61522-36 *56B*

The Reporting Limit has been raised to account for matrix interference.

SB61522-37 *56C*

The Reporting Limit has been raised to account for matrix interference.

SB61522-40 *30A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB61522-41 *30B*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB61522-42 *30C*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB61522-43 *57A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB61522-44 *57B*

SW846 8082A

Samples:

SB61522-44 *57B*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB61522-51 *55B*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr) [2C]

SB61522-54 *37A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248

SB61522-55 *37B*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248

SB61522-56 *38B*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB61522-60 *42A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB61522-65 *51A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1260
Aroclor-1262
Aroclor-1268

SB61522-68 *52A*

SW846 8082A

Samples:

SB61522-68 *52A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1A SB61522-01	183572.4445.0710	Caulk	04-Dec-12 07:57	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 187		µg/kg dry	187	93.5	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230493	X
11104-28-2	Aroclor-1221	< 187		µg/kg dry	187	169	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 187		µg/kg dry	187	120	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 187		µg/kg dry	187	110	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 187		µg/kg dry	187	91.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 374	R01	µg/kg dry	374	274	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 187		µg/kg dry	187	71.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 187		µg/kg dry	187	174	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 187		µg/kg dry	187	58.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.2		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230577	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1B [redacted]522-02	183572.4445.0710	Caulk	04-Dec-12 08:04	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 175		µg/kg dry	175	87.6	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230493	X
11104-28-2	Aroclor-1221	< 175		µg/kg dry	175	158	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 175		µg/kg dry	175	113	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 175		µg/kg dry	175	103	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 175		µg/kg dry	175	86.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	430		µg/kg dry	175	74.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	1,240		µg/kg dry	175	67.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 175		µg/kg dry	175	163	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 175		µg/kg dry	175	55.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	99.5		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230577	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
2A SB61522-03	183572.4445.0710	Caulk	04-Dec-12 08:10	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 188		µg/kg dry	188	93.8	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230493	X
11104-28-2	Aroclor-1221	< 188		µg/kg dry	188	169	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 188		µg/kg dry	188	121	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 188		µg/kg dry	188	111	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 188		µg/kg dry	188	92.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 188		µg/kg dry	188	138	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	9,430		µg/kg dry	188	72.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 188		µg/kg dry	188	175	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	8,840		µg/kg dry	188	59.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.7		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230577	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
2B [redacted]522-04	183572.4445.0710	Caulk	04-Dec-12 09:44	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 161		µg/kg dry	161	80.5	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230493	X
11104-28-2	Aroclor-1221	< 161		µg/kg dry	161	145	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 161		µg/kg dry	161	103	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	2,630		µg/kg dry	161	63.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 161		µg/kg dry	161	79.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	2,680		µg/kg dry	161	118	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 161		µg/kg dry	161	61.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 161		µg/kg dry	161	150	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 161		µg/kg dry	161	50.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	98.4		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230577	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
2C SB61522-05	183572.4445.0710	Caulk	04-Dec-12 11:35	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 316	R01	µg/kg dry	316	158	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230493	X
11104-28-2	Aroclor-1221	< 316	R01	µg/kg dry	316	285	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 316	R01	µg/kg dry	316	203	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 316	R01	µg/kg dry	316	186	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 316	R01	µg/kg dry	316	155	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 316	R01	µg/kg dry	316	232	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 316	R01	µg/kg dry	316	121	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 316	R01	µg/kg dry	316	295	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 316	R01	µg/kg dry	316	99.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.7		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230577	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
3A [redacted]22-06	183572.4445.0710	Caulk	04-Dec-12 08:21	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 921	R01	µg/kg dry	921	460	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230493	X
11104-28-2	Aroclor-1221	< 921	R01	µg/kg dry	921	830	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 921	R01	µg/kg dry	921	591	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 921	R01	µg/kg dry	921	542	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 921	R01	µg/kg dry	921	452	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,640		µg/kg dry	184	78.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	746		µg/kg dry	184	70.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 184		µg/kg dry	184	172	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 184		µg/kg dry	184	57.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	98.7		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230577	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
3B SB61522-07	183572.4445.0710	Caulk	04-Dec-12 10:00	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 346	R01	µg/kg dry	346	173	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230493	X
11104-28-2	Aroclor-1221	< 346	R01	µg/kg dry	346	312	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 346	R01	µg/kg dry	346	222	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 346	R01	µg/kg dry	346	204	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 346	R01	µg/kg dry	346	170	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	416		µg/kg dry	173	127	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 173		µg/kg dry	173	66.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 173		µg/kg dry	173	161	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 173		µg/kg dry	173	54.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*53*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*103*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230577	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
3C [redacted]522-08	183572.4445.0710	Caulk	04-Dec-12 11:00	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 151		µg/kg dry	151	75.4	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230493	X
11104-28-2	Aroclor-1221	< 151		µg/kg dry	151	136	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 151		µg/kg dry	151	96.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 151		µg/kg dry	151	88.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 151		µg/kg dry	151	74.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 151		µg/kg dry	151	111	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 151		µg/kg dry	151	57.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 151		µg/kg dry	151	140	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 151		µg/kg dry	151	47.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*145*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	99.1		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230577	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
4A SB61522-09	183572.4445.0710	Caulk	04-Dec-12 10:10	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 163		µg/kg dry	163	81.6	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230493	X
11104-28-2	Aroclor-1221	< 163		µg/kg dry	163	147	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 163		µg/kg dry	163	105	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 163		µg/kg dry	163	96.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 163		µg/kg dry	163	80.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 163		µg/kg dry	163	120	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 163		µg/kg dry	163	62.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 163		µg/kg dry	163	152	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 163		µg/kg dry	163	51.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*135*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*145*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*135*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*135*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230577	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
4B [illegible]522-10	183572.4445.0710	Caulk	04-Dec-12 10:05	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 135		µg/kg dry	135	67.4	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230493	X
11104-28-2	Aroclor-1221	< 135		µg/kg dry	135	122	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 135		µg/kg dry	135	86.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 135		µg/kg dry	135	79.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 135		µg/kg dry	135	66.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 135		µg/kg dry	135	99.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 135		µg/kg dry	135	51.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 135		µg/kg dry	135	126	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 135		µg/kg dry	135	42.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*595*	S02		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230577	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
7A SB61522-11	183572.4445.0710	Caulk	30-Nov-12 14:36	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 152		µg/kg dry	152	75.9	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230535	X
11104-28-2	Aroclor-1221	< 152		µg/kg dry	152	137	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 152		µg/kg dry	152	97.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	1,280		µg/kg dry	152	89.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 152		µg/kg dry	152	74.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	4,780		µg/kg dry	152	111	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 152		µg/kg dry	152	58.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 152		µg/kg dry	152	141	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 152		µg/kg dry	152	47.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230577	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
8A 522-12	183572.4445.0710	Caulk	04-Dec-12 11:40	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 136		µg/kg dry	136	68.0	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230535	X
11104-28-2	Aroclor-1221	< 136		µg/kg dry	136	123	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 136		µg/kg dry	136	87.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	911		µg/kg dry	136	53.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 136		µg/kg dry	136	66.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	531		µg/kg dry	136	99.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 136		µg/kg dry	136	52.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 136		µg/kg dry	136	127	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 136		µg/kg dry	136	42.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230577	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
8B SB61522-13	183572.4445.0710	Caulk	04-Dec-12 12:00	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 157		µg/kg dry	157	78.6	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230535	X
11104-28-2	Aroclor-1221	< 157		µg/kg dry	157	142	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 157		µg/kg dry	157	101	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	968		µg/kg dry	157	61.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 157		µg/kg dry	157	77.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	448		µg/kg dry	157	115	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 157		µg/kg dry	157	60.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 157		µg/kg dry	157	147	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 157		µg/kg dry	157	49.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.6		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230577	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
28A [redacted]22-14	183572.4445.0710	Caulk	04-Dec-12 13:50	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 191		µg/kg dry	191	95.6	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230535	X
11104-28-2	Aroclor-1221	< 191		µg/kg dry	191	172	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 191		µg/kg dry	191	123	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 191		µg/kg dry	191	113	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 191		µg/kg dry	191	93.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 191		µg/kg dry	191	140	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 191		µg/kg dry	191	73.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 191		µg/kg dry	191	178	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 191		µg/kg dry	191	60.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	98.5		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230577	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
9A SB61522-15	183572.4445.0710	Caulk	04-Dec-12 13:36	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 379	R01	µg/kg dry	379	189	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230535	X
11104-28-2	Aroclor-1221	< 379	R01	µg/kg dry	379	341	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 379	R01	µg/kg dry	379	243	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 379	R01	µg/kg dry	379	223	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 379	R01	µg/kg dry	379	186	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	454		µg/kg dry	189	139	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 189		µg/kg dry	189	72.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 189		µg/kg dry	189	176	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 189		µg/kg dry	189	59.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230577	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
9B [redacted]522-16	183572.4445.0710	Caulk	04-Dec-12 13:55	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 369	R01	µg/kg dry	369	185	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230535	X
11104-28-2	Aroclor-1221	< 369	R01	µg/kg dry	369	333	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 369	R01	µg/kg dry	369	237	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 369	R01	µg/kg dry	369	218	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 369	R01	µg/kg dry	369	181	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	665		µg/kg dry	185	78.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 185		µg/kg dry	185	70.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 185		µg/kg dry	185	172	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 185		µg/kg dry	185	58.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	99.8		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230577	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
11A SB61522-17	183572.4445.0710	Caulk	30-Nov-12 13:52	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 174		µg/kg dry	174	86.8	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230535	X
11104-28-2	Aroclor-1221	< 174		µg/kg dry	174	156	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 174		µg/kg dry	174	111	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 174		µg/kg dry	174	102	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 174		µg/kg dry	174	85.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 868	R01	µg/kg dry	868	637	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 868	R01	µg/kg dry	868	333	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 868	R01	µg/kg dry	868	809	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 868	R01	µg/kg dry	868	273	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.6		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230578	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
11B [redacted]22-18	183572.4445.0710	Caulk	30-Nov-12 13:55	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 154		µg/kg dry	154	76.8	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230535	X
11104-28-2	Aroclor-1221	< 154		µg/kg dry	154	139	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 154		µg/kg dry	154	98.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 154		µg/kg dry	154	90.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 154		µg/kg dry	154	75.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 769	R01	µg/kg dry	769	564	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 769	R01	µg/kg dry	769	295	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 769	R01	µg/kg dry	769	716	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 769	R01	µg/kg dry	769	241	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	96.3		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230578	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
12A SB61522-19	183572.4445.0710	Caulk	04-Dec-12 08:37	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 196		µg/kg dry	196	97.8	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230535	X
11104-28-2	Aroclor-1221	< 196		µg/kg dry	196	176	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 196		µg/kg dry	196	126	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 196		µg/kg dry	196	115	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 196		µg/kg dry	196	96.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	724		µg/kg dry	196	83.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	1,070		µg/kg dry	196	87.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 196		µg/kg dry	196	182	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 196		µg/kg dry	196	61.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230576	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
12B 522-20	183572.4445.0710	Caulk	04-Dec-12 08:30	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 188		µg/kg dry	188	93.9	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230535	X
11104-28-2	Aroclor-1221	< 188		µg/kg dry	188	169	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 188		µg/kg dry	188	121	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 188		µg/kg dry	188	111	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 188		µg/kg dry	188	92.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,830		µg/kg dry	188	138	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	8,300		µg/kg dry	188	72.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 188		µg/kg dry	188	175	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 188		µg/kg dry	188	59.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.5		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230578	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
12C SB61522-21	183572.4445.0710	Caulk	04-Dec-12 08:35	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 189		µg/kg dry	189	94.5	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230535	X
11104-28-2	Aroclor-1221	< 189		µg/kg dry	189	170	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 189		µg/kg dry	189	121	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 189		µg/kg dry	189	111	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 189		µg/kg dry	189	92.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,130		µg/kg dry	189	139	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	3,460		µg/kg dry	189	84.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 189		µg/kg dry	189	176	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 189		µg/kg dry	189	59.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.2		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230578	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
13A [redacted]522-22	183572.4445.0710	Caulk	05-Dec-12 11:06	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 183		µg/kg dry	183	91.4	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230535	X
11104-28-2	Aroclor-1221	< 183		µg/kg dry	183	165	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 183		µg/kg dry	183	117	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 183		µg/kg dry	183	108	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 183		µg/kg dry	183	89.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**1,020**		µg/kg dry	183	77.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	**2,260**		µg/kg dry	183	81.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 183		µg/kg dry	183	170	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 183		µg/kg dry	183	57.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	**97.2**		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230578	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
13B SB61522-23	183572.4445.0710	Caulk	05-Dec-12 11:35	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 162		µg/kg dry	162	81.0	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230535	X
11104-28-2	Aroclor-1221	< 162		µg/kg dry	162	146	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 162		µg/kg dry	162	104	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 162		µg/kg dry	162	95.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 162		µg/kg dry	162	79.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	340		µg/kg dry	162	68.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 324	R01	µg/kg dry	324	124	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 324	R01	µg/kg dry	324	302	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 324	R01	µg/kg dry	324	102	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.4		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230578	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
14A [redacted]22-24	183572.4445.0710	Caulk	05-Dec-12 11:14	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 189		µg/kg dry	189	94.2	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230535	X
11104-28-2	Aroclor-1221	< 189		µg/kg dry	189	170	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 189		µg/kg dry	189	121	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 189		µg/kg dry	189	111	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 189		µg/kg dry	189	92.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	368		µg/kg dry	189	138	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 377	R01	µg/kg dry	377	145	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 377	R01	µg/kg dry	377	351	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 377	R01	µg/kg dry	377	118	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230578	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
14B SB61522-25	183572.4445.0710	Caulk	05-Dec-12 11:10	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 178		µg/kg dry	178	89.1	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230535	X
11104-28-2	Aroclor-1221	< 178		µg/kg dry	178	161	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 178		µg/kg dry	178	115	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 178		µg/kg dry	178	105	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 178		µg/kg dry	178	87.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	357		µg/kg dry	178	131	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 357	R01	µg/kg dry	357	137	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 357	R01	µg/kg dry	357	332	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 357	R01	µg/kg dry	357	112	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230578	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
15A S[illegible]2-26	183572.4445.0710	Caulk	05-Dec-12 14:25	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 292	R01	µg/kg dry	292	146	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230535	X
11104-28-2	Aroclor-1221	< 292	R01	µg/kg dry	292	263	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 292	R01	µg/kg dry	292	188	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 292	R01	µg/kg dry	292	172	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 292	R01	µg/kg dry	292	143	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	548		µg/kg dry	146	107	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	285		µg/kg dry	146	56.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 146		µg/kg dry	146	136	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 146		µg/kg dry	146	45.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230578	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
15B	183572.4445.0710	Caulk	05-Dec-12 10:40	10-Dec-12
SB61522-27				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 158		µg/kg dry	158	79.0	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230535	X
11104-28-2	Aroclor-1221	< 158		µg/kg dry	158	142	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 158		µg/kg dry	158	101	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 158		µg/kg dry	158	93.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 158		µg/kg dry	158	77.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,340		µg/kg dry	158	116	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	909		µg/kg dry	158	60.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 158		µg/kg dry	158	147	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 158		µg/kg dry	158	49.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.6		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230578	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
16A 522-28	183572.4445.0710	Caulk	03-Dec-12 09:01	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 198		µg/kg dry	198	98.9	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230535	X
11104-28-2	Aroclor-1221	< 198		µg/kg dry	198	178	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 198		µg/kg dry	198	127	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 198		µg/kg dry	198	117	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 198		µg/kg dry	198	97.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 990	R01	µg/kg dry	990	726	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 990	R01	µg/kg dry	990	379	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 990	R01	µg/kg dry	990	922	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 990	R01	µg/kg dry	990	311	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230578	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
16B	183572.4445.0710	Caulk	03-Dec-12 09:06	10-Dec-12
SB61522-29				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 144		µg/kg dry	144	71.9	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230535	X
11104-28-2	Aroclor-1221	< 144		µg/kg dry	144	130	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 144		µg/kg dry	144	92.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 144		µg/kg dry	144	84.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 144		µg/kg dry	144	70.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 719	R01	µg/kg dry	719	528	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 719	R01	µg/kg dry	719	276	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 719	R01	µg/kg dry	719	670	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 719	R01	µg/kg dry	719	226	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230578	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
16C[redacted]22-30	183572.4445.0710	Caulk	03-Dec-12 09:11	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 184		µg/kg dry	184	92.2	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230535	X
11104-28-2	Aroclor-1221	< 184		µg/kg dry	184	166	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 184		µg/kg dry	184	118	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 184		µg/kg dry	184	109	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 184		µg/kg dry	184	90.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 922	R01	µg/kg dry	922	676	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 922	R01	µg/kg dry	922	354	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 922	R01	µg/kg dry	922	859	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 922	R01	µg/kg dry	922	290	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*145*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	99.2		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230578	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
17A SB61522-31	183572.4445.0710	Caulk	03-Dec-12 10:28	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 286		µg/kg dry	286	143	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230536	X
11104-28-2	Aroclor-1221	< 286		µg/kg dry	286	257	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 286		µg/kg dry	286	183	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 286		µg/kg dry	286	168	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 286		µg/kg dry	286	140	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 286		µg/kg dry	286	209	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 286		µg/kg dry	286	109	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 286		µg/kg dry	286	266	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 286		µg/kg dry	286	89.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	66.1		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230578	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
18[illegible] [illegible]22-32	183572.4445.0710	Caulk	03-Dec-12 11:28	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 770		µg/kg dry	770	385	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230536	X
11104-28-2	Aroclor-1221	< 770		µg/kg dry	770	694	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 770		µg/kg dry	770	494	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 770		µg/kg dry	770	453	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 770		µg/kg dry	770	378	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 770		µg/kg dry	770	565	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 770		µg/kg dry	770	295	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 770		µg/kg dry	770	717	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 770		µg/kg dry	770	242	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[illegible]	% Solids	98.7		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230578	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
18B	183572.4445.0710	Caulk	03-Dec-12 11:38	10-Dec-12
SB61522-33				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 946		µg/kg dry	946	473	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230536	X
11104-28-2	Aroclor-1221	< 946		µg/kg dry	946	852	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 946		µg/kg dry	946	607	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 946		µg/kg dry	946	557	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 946		µg/kg dry	946	464	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 946		µg/kg dry	946	594	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 946		µg/kg dry	946	363	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 946		µg/kg dry	946	881	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 946		µg/kg dry	946	297	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**98.2**		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230578	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
18C [redacted]22-34	183572.4445.0710	Caulk	03-Dec-12 11:46	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 890		µg/kg dry	890	445	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230536	X
11104-28-2	Aroclor-1221	< 890		µg/kg dry	890	802	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 890		µg/kg dry	890	571	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 890		µg/kg dry	890	524	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 890		µg/kg dry	890	437	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 890		µg/kg dry	890	653	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 890		µg/kg dry	890	341	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 890		µg/kg dry	890	829	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 890		µg/kg dry	890	279	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	98.5		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230578	

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* Reportable Detection Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
56A SB61522-35	183572.4445.0710	Caulk	04-Dec-12 14:42	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 822		µg/kg dry	822	411	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230536	X
11104-28-2	Aroclor-1221	< 822		µg/kg dry	822	741	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 822		µg/kg dry	822	528	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 822		µg/kg dry	822	484	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 822		µg/kg dry	822	403	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 822		µg/kg dry	822	603	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 822		µg/kg dry	822	315	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 822		µg/kg dry	822	766	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 822		µg/kg dry	822	258	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*140*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.5		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230578	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
56[illegible] [illegible]22-36	183572.4445.0710	Caulk	05-Dec-12 08:31	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 387		µg/kg dry	387	193	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230536	X
11104-28-2	Aroclor-1221	< 387		µg/kg dry	387	348	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 387		µg/kg dry	387	248	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 387		µg/kg dry	387	228	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 387		µg/kg dry	387	190	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 387		µg/kg dry	387	284	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 387		µg/kg dry	387	148	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 387		µg/kg dry	387	360	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 387		µg/kg dry	387	121	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[illegible]	% Solids	99.4		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230578	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
56C SB61522-37	183572.4445.0710	Caulk	05-Dec-12 08:25	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 654		µg/kg dry	654	327	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230535	X
11104-28-2	Aroclor-1221	< 654		µg/kg dry	654	590	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 654		µg/kg dry	654	420	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 654		µg/kg dry	654	385	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 654		µg/kg dry	654	321	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 654		µg/kg dry	654	480	1	"	"	"	"	"	X
11096-82-5	Aroclor-1280	< 654		µg/kg dry	654	251	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 654		µg/kg dry	654	610	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 654		µg/kg dry	654	205	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*130*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230579	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
29A S[illegible]522-38	183572.4445.0710	Caulk	05-Dec-12 11:35	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 181		µg/kg dry	181	90.2	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230536	X
11104-28-2	Aroclor-1221	< 181		µg/kg dry	181	163	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 181		µg/kg dry	181	116	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 181		µg/kg dry	181	106	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 181		µg/kg dry	181	86.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	289		µg/kg dry	181	132	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	641		µg/kg dry	181	69.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 181		µg/kg dry	181	168	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 181		µg/kg dry	181	56.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*140*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	91.6		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230579	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
29B	183572.4445.0710	Caulk	05-Dec-12 11:56	10-Dec-12
SB61522-39				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 137		µg/kg dry	137	58.4	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230536	X
11104-28-2	Aroclor-1221	< 137		µg/kg dry	137	123	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 137		µg/kg dry	137	87.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 137		µg/kg dry	137	80.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 137		µg/kg dry	137	67.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 137		µg/kg dry	137	100	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 137		µg/kg dry	137	52.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 137		µg/kg dry	137	128	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 137		µg/kg dry	137	43.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.4		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230579	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
30A [redacted]522-40	183572.4445.0710	Caulk	05-Dec-12 14:04	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 190		µg/kg dry	190	94.7	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230536	X
11104-28-2	Aroclor-1221	< 190		µg/kg dry	190	171	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 190		µg/kg dry	190	122	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 190		µg/kg dry	190	112	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 190		µg/kg dry	190	93.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 379	R01	µg/kg dry	379	278	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 379	R01	µg/kg dry	379	145	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 379	R01	µg/kg dry	379	353	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 379	R01	µg/kg dry	379	119	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*40*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	98.0		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230579	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
30B	183572.4445.0710	Caulk	05-Dec-12 14:09	10-Dec-12
SB61522-41				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 351	R01	µg/kg dry	351	175	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230536	X
11104-28-2	Aroclor-1221	< 351	R01	µg/kg dry	351	316	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 351	R01	µg/kg dry	351	225	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 351	R01	µg/kg dry	351	207	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 351	R01	µg/kg dry	351	172	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 351	R01	µg/kg dry	351	258	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 351	R01	µg/kg dry	351	135	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 351	R01	µg/kg dry	351	327	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 351	R01	µg/kg dry	351	110	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.3		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230579	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
30C [redacted]522-42	183572.4445.0710	Caulk	05-Dec-12 14:20	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 200		µg/kg dry	200	100	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230536	X
11104-28-2	Aroclor-1221	< 200		µg/kg dry	200	181	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 200		µg/kg dry	200	129	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 200		µg/kg dry	200	118	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 200		µg/kg dry	200	98.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 401	R01	µg/kg dry	401	294	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 401	R01	µg/kg dry	401	154	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 401	R01	µg/kg dry	401	373	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 401	R01	µg/kg dry	401	126	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*135*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*140*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	98.1		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230579	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
57A SB61522-43	183572.4445.0710	Caulk	04-Dec-12 14:46	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 131		µg/kg dry	131	65.6	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230536	X
11104-28-2	Aroclor-1221	< 131		µg/kg dry	131	118	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 131		µg/kg dry	131	84.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 131		µg/kg dry	131	77.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 131		µg/kg dry	131	64.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 656	R01	µg/kg dry	656	481	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 656	R01	µg/kg dry	656	252	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 656	R01	µg/kg dry	656	611	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 656	R01	µg/kg dry	656	206	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.7		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230579	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
57B [illegible]522-44	183572.4445.0710	Caulk	05-Dec-12 08:46	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 195		µg/kg dry	195	97.6	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230536	X
11104-28-2	Aroclor-1221	< 195		µg/kg dry	195	176	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 195		µg/kg dry	195	125	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 195		µg/kg dry	195	115	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 195		µg/kg dry	195	95.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 977	R01	µg/kg dry	977	717	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 977	R01	µg/kg dry	977	374	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 977	R01	µg/kg dry	977	910	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 977	R01	µg/kg dry	977	307	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230579	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
58A SB61522-45	183572.4445.0710	Caulk	05-Dec-12 13:20	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 177		µg/kg dry	177	86.4	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230536	X
11104-28-2	Aroclor-1221	< 177		µg/kg dry	177	159	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 177		µg/kg dry	177	114	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 177		µg/kg dry	177	104	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 177		µg/kg dry	177	86.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 177		µg/kg dry	177	130	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 177		µg/kg dry	177	67.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 177		µg/kg dry	177	165	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 177		µg/kg dry	177	55.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	95.6		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230579	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
58[illegible] S[illegible]22-46	183572.4445.0710	Caulk	05-Dec-12 13:30	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 226		µg/kg dry	226	113	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230536	X
11104-28-2	Aroclor-1221	< 226		µg/kg dry	226	203	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 226		µg/kg dry	226	145	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 226		µg/kg dry	226	133	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 226		µg/kg dry	226	111	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 226		µg/kg dry	226	166	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 226		µg/kg dry	226	86.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 226		µg/kg dry	226	210	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 226		µg/kg dry	226	70.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[illegible]	% Solids	84.1		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230579	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
58C SB61522-47	183572.4445.0710	Caulk	05-Dec-12 13:41	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 178		µg/kg dry	178	89.2	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230536	X
11104-28-2	Aroclor-1221	< 178		µg/kg dry	178	161	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 178		µg/kg dry	178	115	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 178		µg/kg dry	178	105	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 178		µg/kg dry	178	87.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 178		µg/kg dry	178	131	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 178		µg/kg dry	178	68.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 178		µg/kg dry	178	166	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 178		µg/kg dry	178	56.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.5		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230579	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
35[illegible]22-48	183572.4445.0710	Caulk	04-Dec-12 08:50	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 179		µg/kg dry	179	89.4	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230536	X
11104-28-2	Aroclor-1221	< 179		µg/kg dry	179	161	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 179		µg/kg dry	179	115	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 179		µg/kg dry	179	105	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 179		µg/kg dry	179	87.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 179		µg/kg dry	179	131	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 179		µg/kg dry	179	68.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	**16,600**		µg/kg dry	179	167	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 179		µg/kg dry	179	56.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[illegible]	% Solids	98.6		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230579	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
35B SB61522-49	183572.4445.0710	Caulk	04-Dec-12 09:42	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 188		µg/kg dry	188	93.8	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230536	X
11104-28-2	Aroclor-1221	< 188		µg/kg dry	188	169	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 188		µg/kg dry	188	121	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 188		µg/kg dry	188	111	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 188		µg/kg dry	188	92.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,260		µg/kg dry	188	79.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 188		µg/kg dry	188	72.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	5,070		µg/kg dry	188	175	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 188		µg/kg dry	188	59.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230579	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
55A [redacted]522-50	183572.4445.0710	Caulk	04-Dec-12 09:01	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 183		µg/kg dry	183	91.5	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230536	X
11104-28-2	Aroclor-1221	< 183		µg/kg dry	183	165	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 183		µg/kg dry	183	118	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 183		µg/kg dry	183	108	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 183		µg/kg dry	183	89.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	943		µg/kg dry	183	77.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 183		µg/kg dry	183	70.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 183		µg/kg dry	183	171	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 183		µg/kg dry	183	57.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	98.4		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230579	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
55B				
SB61522-51	183572.4445.0710	Caulk	04-Dec-12 08:55	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 199		µg/kg dry	199	99.4	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230537	X
11104-28-2	Aroclor-1221	< 199		µg/kg dry	199	179	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 199		µg/kg dry	199	128	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 199		µg/kg dry	199	117	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 199		µg/kg dry	199	97.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,060		µg/kg dry	199	146	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 199		µg/kg dry	199	76.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 199		µg/kg dry	199	185	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 199		µg/kg dry	199	62.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*175*	S02		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230579	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
36A SB61522-52	183572.4445.0710	Caulk	04-Dec-12 11:45	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 134		µg/kg dry	134	66.9	1	SW846 8082A	11-Dec-12	13-Dec-12	IMR	1230537	X
11104-28-2	Aroclor-1221	< 134		µg/kg dry	134	121	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 134		µg/kg dry	134	86.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 134		µg/kg dry	134	78.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 134		µg/kg dry	134	65.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 134		µg/kg dry	134	98.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 134		µg/kg dry	134	51.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 134		µg/kg dry	134	125	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 134		µg/kg dry	134	42.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.0		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230579	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
36B SB61522-53	183572.4445.0710	Caulk	04-Dec-12 13:20	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 162		µg/kg dry	162	81.1	1	SW846 8082A	11-Dec-12	13-Dec-12	IMR	1230537	X
11104-28-2	Aroclor-1221	< 162		µg/kg dry	162	146	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 162		µg/kg dry	162	104	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 162		µg/kg dry	162	95.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 162		µg/kg dry	162	79.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 162		µg/kg dry	162	119	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 162		µg/kg dry	162	62.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 162		µg/kg dry	162	151	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 162		µg/kg dry	162	51.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.7		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230579	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
37A				
SB61522-54	183572.4445.0710	Caulk	04-Dec-12 14:22	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 932	R01	µg/kg dry	932	465	1	SW846 8082A	11-Dec-12	13-Dec-12	IMR	1230537	X
11104-28-2	Aroclor-1221	< 932	R01	µg/kg dry	932	839	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 932	R01	µg/kg dry	932	598	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 932	R01	µg/kg dry	932	549	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 932	R01	µg/kg dry	932	457	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	810		µg/kg dry	186	137	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 186		µg/kg dry	186	71.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 186		µg/kg dry	186	174	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 186		µg/kg dry	186	58.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230579	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
37B SB61522-55	183572.4445.0710	Caulk	04-Dec-12 14:26	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 788	R01	µg/kg dry	788	394	1	SW846 8082A	11-Dec-12	13-Dec-12	IMR	1230537	X
11104-28-2	Aroclor-1221	< 788	R01	µg/kg dry	788	710	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 788	R01	µg/kg dry	788	506	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 788	R01	µg/kg dry	788	464	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 788	R01	µg/kg dry	788	386	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	945		µg/kg dry	158	66.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 158		µg/kg dry	158	70.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 158		µg/kg dry	158	147	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 158		µg/kg dry	158	49.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230579	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
38[illegible]	183572.4445.0710	Caulk	04-Dec-12 14:30	10-Dec-12
S[illegible]22-56				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 359000	D	µg/kg dry	359000	179000	2000	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230537	X
11104-28-2	Aroclor-1221	< 359000	D	µg/kg dry	359000	323000	2000	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 359000	D	µg/kg dry	359000	230000	2000	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 359000	D	µg/kg dry	359000	211000	2000	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 359000	D	µg/kg dry	359000	176000	2000	"	"	"	"	"	X
11097-69-1	Aroclor-1254	16,200,000	D	µg/kg dry	359000	152000	2000	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 359000	D	µg/kg dry	359000	137000	2000	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 359000	D	µg/kg dry	359000	334000	2000	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 359000	D	µg/kg dry	359000	113000	2000	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[illegible]	% Solids	96.4		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230579	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
40A	183572.4445.0710	Caulk	05-Dec-12 10:21	10-Dec-12
SB61522-57				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 187		µg/kg dry	187	93.6	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230537	X
11104-28-2	Aroclor-1221	< 187		µg/kg dry	187	169	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 187		µg/kg dry	187	120	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 187		µg/kg dry	187	110	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 187		µg/kg dry	187	92.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	4,400		µg/kg dry	187	137	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	2,770		µg/kg dry	187	71.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 187		µg/kg dry	187	175	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 187		µg/kg dry	187	58.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.4		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230580	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
40B [redacted]22-58	183572.4445.0710	Caulk	05-Dec-12 10:31	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 138		µg/kg dry	138	69.0	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230537	X
11104-28-2	Aroclor-1221	< 138		µg/kg dry	138	124	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 138		µg/kg dry	138	88.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 138		µg/kg dry	138	81.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 138		µg/kg dry	138	67.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	2,330		µg/kg dry	138	58.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	1,840		µg/kg dry	138	52.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 138		µg/kg dry	138	129	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 138		µg/kg dry	138	43.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	98.4		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230580	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
41A	183572.4445.0710	Caulk	05-Dec-12 10:32	10-Dec-12
SB61522-59				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 178		µg/kg dry	178	89.0	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230537	X
11104-28-2	Aroclor-1221	< 178		µg/kg dry	178	161	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 178		µg/kg dry	178	114	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 178		µg/kg dry	178	105	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 178		µg/kg dry	178	87.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	5,770		µg/kg dry	178	75.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	6,730		µg/kg dry	178	68.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 178		µg/kg dry	178	166	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 178		µg/kg dry	178	55.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.4		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230580	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
42A				
SB61522-60	183572.4445.0710	Caulk	05-Dec-12 14:45	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 154		µg/kg dry	154	76.7	1	SW846 8082A	11-Dec-12	13-Dec-12	IMR	1230537	X
11104-28-2	Aroclor-1221	< 154		µg/kg dry	154	138	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 154		µg/kg dry	154	98.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 154		µg/kg dry	154	90.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 154		µg/kg dry	154	75.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 307	R01	µg/kg dry	307	225	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 307	R01	µg/kg dry	307	118	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 307	R01	µg/kg dry	307	286	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 307	R01	µg/kg dry	307	96.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.1		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230580	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
46B SB61522-61	183572.4445.0710	Caulk	03-Dec-12 10:15	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 197		µg/kg dry	197	98.5	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230537	X
11104-28-2	Aroclor-1221	< 197		µg/kg dry	197	178	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 197		µg/kg dry	197	127	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 197		µg/kg dry	197	116	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 197		µg/kg dry	197	96.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	887		µg/kg dry	197	83.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 197		µg/kg dry	197	75.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 197		µg/kg dry	197	184	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 197		µg/kg dry	197	61.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230580	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
46C SR61522-62	183572.4445.0710	Caulk	03-Dec-12 10:20	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 175		µg/kg dry	175	87.3	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230537	X
11104-28-2	Aroclor-1221	< 175		µg/kg dry	175	157	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 175		µg/kg dry	175	112	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 175		µg/kg dry	175	103	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 175		µg/kg dry	175	85.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	314		µg/kg dry	175	74.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 175		µg/kg dry	175	67.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 175		µg/kg dry	175	163	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 175		µg/kg dry	175	54.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*130*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230580	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
50A SB61522-63	183572.4445.0710	Caulk	04-Dec-12 11:00	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 175		µg/kg dry	175	87.6	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230537	X
11104-28-2	Aroclor-1221	< 175		µg/kg dry	175	158	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 175		µg/kg dry	175	113	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 175		µg/kg dry	175	103	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 175		µg/kg dry	175	86.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	719		µg/kg dry	175	74.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	351		µg/kg dry	175	67.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 175		µg/kg dry	175	163	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 175		µg/kg dry	175	55.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230580	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
50B[redacted]	183572.4445.0710	Caulk	04-Dec-12 11:20	10-Dec-12
S[redacted]2-64				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 138		µg/kg dry	138	69.1	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230537	X
11104-28-2	Aroclor-1221	< 138		µg/kg dry	138	125	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 138		µg/kg dry	138	88.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 138		µg/kg dry	138	81.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 138		µg/kg dry	138	67.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	740		µg/kg dry	138	58.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 138		µg/kg dry	138	53.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 138		µg/kg dry	138	129	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 138		µg/kg dry	138	43.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	99.9		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230580	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
51A SB61522-65	183572.4445.0710	Caulk	03-Dec-12 08:25	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 159		µg/kg dry	159	79.4	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230537	X
11104-28-2	Aroclor-1221	< 159		µg/kg dry	159	143	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 159		µg/kg dry	159	102	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 159		µg/kg dry	159	93.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 159		µg/kg dry	159	78.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 159		µg/kg dry	159	117	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 318	R01	µg/kg dry	318	122	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 318	R01	µg/kg dry	318	296	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 318	R01	µg/kg dry	318	99.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.5		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230580	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
51B	183572.4445.0710	Caulk	04-Dec-12 11:10	10-Dec-12
SR61522-66				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 156		µg/kg dry	156	77.9	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230537	X
11104-28-2	Aroclor-1221	< 156		µg/kg dry	156	140	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 156		µg/kg dry	156	100	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 156		µg/kg dry	156	91.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 156		µg/kg dry	156	76.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	507		µg/kg dry	156	66.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 156		µg/kg dry	156	59.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 156		µg/kg dry	156	145	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 156		µg/kg dry	156	48.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230580	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
51C SB61522-67	183572.4445.0710	Caulk	04-Dec-12 13:15	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 190		µg/kg dry	190	94.8	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230537	X
11104-28-2	Aroclor-1221	< 190		µg/kg dry	190	171	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 190		µg/kg dry	190	122	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 190		µg/kg dry	190	112	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 190		µg/kg dry	190	93.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,010		µg/kg dry	190	80.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 190		µg/kg dry	190	72.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 190		µg/kg dry	190	177	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 190		µg/kg dry	190	59.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.7		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230580	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
52A [redacted]522-68	183572.4445.0710	Caulk	04-Dec-12 10:20	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 957	R01	µg/kg dry	957	478	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230537	X
11104-28-2	Aroclor-1221	< 957	R01	µg/kg dry	957	862	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 957	R01	µg/kg dry	957	614	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 957	R01	µg/kg dry	957	564	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 957	R01	µg/kg dry	957	470	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 957	R01	µg/kg dry	957	702	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 957	R01	µg/kg dry	957	367	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 957	R01	µg/kg dry	957	891	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 957	R01	µg/kg dry	957	300	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*140*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	96.7		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230580	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
54A SB61522-69	183572.4445.0710	Caulk	03-Dec-12 09:50	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 186		µg/kg dry	186	93.0	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230537	X
11104-28-2	Aroclor-1221	< 186		µg/kg dry	186	168	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 186		µg/kg dry	186	119	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 186		µg/kg dry	186	110	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 186		µg/kg dry	186	91.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	186		µg/kg dry	186	78.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 186		µg/kg dry	186	71.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 186		µg/kg dry	186	173	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 186		µg/kg dry	186	58.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.2		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230580	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
54B [illegible]1522-70	183572.4445.0710	Caulk	03-Dec-12 09:57	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 164		µg/kg dry	164	82.0	1	SW846 8082A	11-Dec-12	14-Dec-12	IMR	1230537	X
11104-28-2	Aroclor-1221	< 164		µg/kg dry	164	148	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 164		µg/kg dry	164	105	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 164		µg/kg dry	164	96.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 164		µg/kg dry	164	80.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	320		µg/kg dry	164	69.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 164		µg/kg dry	164	62.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 164		µg/kg dry	164	153	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 164		µg/kg dry	164	51.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.6		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230580	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
54C SB61522-71	183572.4445.0710	Caulk	03-Dec-12 11:18	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 20.5		µg/kg dry	20.5	10.2	1	SW846 8082A	12-Dec-12	13-Dec-12	IMR	1230628	X
11104-28-2	Aroclor-1221	< 20.5		µg/kg dry	20.5	18.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 20.5		µg/kg dry	20.5	13.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 20.5		µg/kg dry	20.5	12.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 20.5		µg/kg dry	20.5	10.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 20.5		µg/kg dry	20.5	15.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 20.5		µg/kg dry	20.5	7.86	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 20.5		µg/kg dry	20.5	19.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 20.5		µg/kg dry	20.5	6.44	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.5		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230580	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
S[illegible] [illegible]22-72	183572.4445.0710	Caulk	05-Dec-12 14:09	10-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 19.9		µg/kg dry	19.9	9.96	1	SW846 8082A	12-Dec-12	13-Dec-12	IMR	1230628	X
11104-28-2	Aroclor-1221	< 19.9		µg/kg dry	19.9	18.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 19.9		µg/kg dry	19.9	12.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 19.9		µg/kg dry	19.9	11.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 19.9		µg/kg dry	19.9	9.78	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	277		µg/kg dry	19.9	14.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	490		µg/kg dry	19.9	7.64	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 19.9		µg/kg dry	19.9	18.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 19.9		µg/kg dry	19.9	6.26	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*140*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[illegible]	% Solids	99.3		%			1	SM2540 G Mod.	12-Dec-12	12-Dec-12	DT	1230580	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1230493 - SW846 3540C										
Blank (1230493-BLK1)						Prepared: 11-Dec-12 Analyzed: 12-Dec-12				
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
LCS (1230493-BS1)						Prepared: 11-Dec-12 Analyzed: 12-Dec-12				
Aroclor-1016	**213**		µg/kg wet	20.0	250		85	40-140		
Aroclor-1016 [2C]	**235**		µg/kg wet	20.0	250		94	40-140		
Aroclor-1260	**182**		µg/kg wet	20.0	250		73	40-140		
Aroclor-1260 [2C]	**186**		µg/kg wet	20.0	250		74	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
LCS (1230493-BS2)						Prepared: 11-Dec-12 Analyzed: 12-Dec-12				
Aroclor-1268	**957**		µg/kg wet	20.0	1000		96	40-140		
Aroclor-1268 [2C]	**887**		µg/kg wet	20.0	1000		89	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*134*	DC7	µg/kg wet		*20.0*		*670*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*177*	DC7	µg/kg wet		*20.0*		*885*	*30-150*		
LCS Dup (1230493-BSD1)						Prepared: 11-Dec-12 Analyzed: 12-Dec-12				
Aroclor-1016	**213**		µg/kg wet	20.0	250		85	40-140	0	30
Aroclor-1016 [2C]	**232**		µg/kg wet	20.0	250		93	40-140	1	30
Aroclor-1260	**180**		µg/kg wet	20.0	250		72	40-140	1	30
Aroclor-1260 [2C]	**177**		µg/kg wet	20.0	250		71	40-140	5	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
LCS Dup (1230493-BSD2)						Prepared: 11-Dec-12 Analyzed: 12-Dec-12				
Aroclor-1268	**961**		µg/kg wet	20.0	1000		96	40-140	0.4	30
Aroclor-1268 [2C]	**925**		µg/kg wet	20.0	1000		92	40-140	4	30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1230493 - SW846 3540C										
LCS Dup (1230493-BSD2)					Prepared: 11-Dec-12 Analyzed: 12-Dec-12					
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*132*	DC7	µg/kg wet		*20.0*		*660*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*181*	DC7	µg/kg wet		*20.0*		*905*	*30-150*		
Duplicate (1230493-DUP1)			Source: SB61522-02		Prepared: 11-Dec-12 Analyzed: 14-Dec-12					
Aroclor-1016	< 198		µg/kg dry	198		BRL				30
Aroclor-1016 [2C]	< 198		µg/kg dry	198		BRL				30
Aroclor-1221	< 198		µg/kg dry	198		BRL				30
Aroclor-1221 [2C]	< 198		µg/kg dry	198		BRL				30
Aroclor-1232	< 198		µg/kg dry	198		BRL				30
Aroclor-1232 [2C]	< 198		µg/kg dry	198		BRL				30
Aroclor-1242	< 198		µg/kg dry	198		BRL				30
Aroclor-1242 [2C]	< 198		µg/kg dry	198		BRL				30
Aroclor-1248	< 198		µg/kg dry	198		BRL				30
Aroclor-1248 [2C]	< 198		µg/kg dry	198		BRL				30
Aroclor-1254	**524**		µg/kg dry	198		403			26	30
Aroclor-1254 [2C]	**534**		µg/kg dry	198		430			22	30
Aroclor-1260	**1500**		µg/kg dry	198		1240			19	30
Aroclor-1260 [2C]	**1420**		µg/kg dry	198		1200			17	30
Aroclor-1262	< 198		µg/kg dry	198		BRL				30
Aroclor-1262 [2C]	< 198		µg/kg dry	198		BRL				30
Aroclor-1268	< 198		µg/kg dry	198		BRL				30
Aroclor-1268 [2C]	< 198		µg/kg dry	198		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*188*		µg/kg dry		*198*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*208*		µg/kg dry		*198*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*188*		µg/kg dry		*198*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*218*		µg/kg dry		*198*		*110*	*30-150*		
Matrix Spike (1230493-MS1)			Source: SB61522-02		Prepared: 11-Dec-12 Analyzed: 14-Dec-12					
Aroclor-1016	**1790**		µg/kg dry	182	2280	BRL	79	40-140		
Aroclor-1016 [2C]	**2110**		µg/kg dry	182	2280	BRL	93	40-140		
Aroclor-1260	**2940**		µg/kg dry	182	2280	1240	75	40-140		
Aroclor-1260 [2C]	**3070**		µg/kg dry	182	2280	1200	82	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*237*		µg/kg dry		*182*		*130*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*191*		µg/kg dry		*182*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*155*		µg/kg dry		*182*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*209*		µg/kg dry		*182*		*115*	*30-150*		
Matrix Spike Dup (1230493-MSD1)			Source: SB61522-02		Prepared: 11-Dec-12 Analyzed: 14-Dec-12					
Aroclor-1016	**1930**		µg/kg dry	158	1970	BRL	98	40-140	22	30
Aroclor-1016 [2C]	**2290**		µg/kg dry	158	1970	BRL	116	40-140	22	30
Aroclor-1260	**3090**		µg/kg dry	158	1970	1240	93	40-140	22	30
Aroclor-1260 [2C]	**3270**		µg/kg dry	158	1970	1200	105	40-140	24	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*205*		µg/kg dry		*158*		*130*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*221*		µg/kg dry		*158*		*140*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*166*		µg/kg dry		*158*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*166*		µg/kg dry		*158*		*105*	*30-150*		
Batch 1230535 - SW846 3540C										
Blank (1230535-BLK1)					Prepared: 11-Dec-12 Analyzed: 14-Dec-12					
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1230535 - SW846 3540C										
Blank (1230535-BLK1)					Prepared: 11-Dec-12 Analyzed: 14-Dec-12					
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
LCS (1230535-BS1)					Prepared: 11-Dec-12 Analyzed: 14-Dec-12					
Aroclor-1016	**231**		µg/kg wet	20.0	250		92	40-140		
Aroclor-1016 [2C]	**259**		µg/kg wet	20.0	250		104	40-140		
Aroclor-1260	**210**		µg/kg wet	20.0	250		84	40-140		
Aroclor-1260 [2C]	**190**		µg/kg wet	20.0	250		76	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*25.0*		µg/kg wet		*20.0*		*125*	*30-150*		
LCS Dup (1230535-BSD1)					Prepared: 11-Dec-12 Analyzed: 14-Dec-12					
Aroclor-1016	**232**		µg/kg wet	20.0	250		93	40-140	0.4	30
Aroclor-1016 [2C]	**261**		µg/kg wet	20.0	250		104	40-140	0.8	30
Aroclor-1260	**216**		µg/kg wet	20.0	250		86	40-140	3	30
Aroclor-1260 [2C]	**194**		µg/kg wet	20.0	250		78	40-140	2	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*25.0*		µg/kg wet		*20.0*		*125*	*30-150*		
Duplicate (1230535-DUP1)			**Source: SB61522-13**		Prepared: 11-Dec-12 Analyzed: 14-Dec-12					
Aroclor-1016	< 164		µg/kg dry	164		BRL				30
Aroclor-1016 [2C]	< 164		µg/kg dry	164		BRL				30
Aroclor-1221	< 164		µg/kg dry	164		BRL				30
Aroclor-1221 [2C]	< 164		µg/kg dry	164		BRL				30
Aroclor-1232	< 164		µg/kg dry	164		BRL				30
Aroclor-1232 [2C]	< 164		µg/kg dry	164		BRL				30
Aroclor-1242	**991**		µg/kg dry	164		818			19	30
Aroclor-1242 [2C]	**1070**		µg/kg dry	164		968			10	30
Aroclor-1248	< 164		µg/kg dry	164		BRL				30
Aroclor-1248 [2C]	< 164		µg/kg dry	164		BRL				30
Aroclor-1254	**516**		µg/kg dry	164		448			14	30
Aroclor-1254 [2C]	**491**		µg/kg dry	164		433			13	30

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Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1230535 - SW846 3540C										
Duplicate (1230535-DUP1)			Source: SB61522-13		Prepared: 11-Dec-12 Analyzed: 14-Dec-12					
Aroclor-1260	**147**	J,QR4	µg/kg dry	164		94.4			44	30
Aroclor-1260 [2C]	**123**	J	µg/kg dry	164		BRL				30
Aroclor-1262	< 164		µg/kg dry	164		BRL				30
Aroclor-1262 [2C]	< 164		µg/kg dry	164		BRL				30
Aroclor-1268	< 164		µg/kg dry	164		BRL				30
Aroclor-1268 [2C]	< 164		µg/kg dry	164		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*172*		µg/kg dry		*164*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*172*		µg/kg dry		*164*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*172*		µg/kg dry		*164*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*172*		µg/kg dry		*164*		*105*	*30-150*		
Matrix Spike (1230535-MS1)			Source: SB61522-13		Prepared: 11-Dec-12 Analyzed: 14-Dec-12					
Aroclor-1016	**2880**		µg/kg dry	168	2100	BRL	137	40-140		
Aroclor-1016 [2C]	**3290**	QM5	µg/kg dry	168	2100	BRL	157	40-140		
Aroclor-1260	**2150**		µg/kg dry	168	2100	94.4	98	40-140		
Aroclor-1260 [2C]	**1740**		µg/kg dry	168	2100	BRL	83	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*227*		µg/kg dry		*168*		*135*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*202*		µg/kg dry		*168*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*210*		µg/kg dry		*168*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*227*		µg/kg dry		*168*		*135*	*30-150*		
Matrix Spike Dup (1230535-MSD1)			Source: SB61522-13		Prepared: 11-Dec-12 Analyzed: 14-Dec-12					
Aroclor-1016	**2400**	QM5	µg/kg dry	133	1670	BRL	144	40-140	5	30
Aroclor-1016 [2C]	**2690**	QM5	µg/kg dry	133	1670	BRL	162	40-140	3	30
Aroclor-1260	**1610**		µg/kg dry	133	1670	94.4	91	40-140	8	30
Aroclor-1260 [2C]	**1350**		µg/kg dry	133	1670	BRL	81	40-140	2	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*173*		µg/kg dry		*133*		*130*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*153*		µg/kg dry		*133*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*153*		µg/kg dry		*133*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*173*		µg/kg dry		*133*		*130*	*30-150*		
Batch 1230536 - SW846 3540C										
Blank (1230536-BLK1)					Prepared: 11-Dec-12 Analyzed: 14-Dec-12					
Aroclor-1016	< 200		µg/kg wet	200						
Aroclor-1016 [2C]	< 200		µg/kg wet	200						
Aroclor-1221	< 200		µg/kg wet	200						
Aroclor-1221 [2C]	< 200		µg/kg wet	200						
Aroclor-1232	< 200		µg/kg wet	200						
Aroclor-1232 [2C]	< 200		µg/kg wet	200						
Aroclor-1242	< 200		µg/kg wet	200						
Aroclor-1242 [2C]	< 200		µg/kg wet	200						
Aroclor-1248	< 200		µg/kg wet	200						
Aroclor-1248 [2C]	< 200		µg/kg wet	200						
Aroclor-1254	< 200		µg/kg wet	200						
Aroclor-1254 [2C]	< 200		µg/kg wet	200						
Aroclor-1260	< 200		µg/kg wet	200						
Aroclor-1260 [2C]	< 200		µg/kg wet	200						
Aroclor-1262	< 200		µg/kg wet	200						
Aroclor-1262 [2C]	< 200		µg/kg wet	200						
Aroclor-1268	< 200		µg/kg wet	200						
Aroclor-1268 [2C]	< 200		µg/kg wet	200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*200*		µg/kg wet		*200*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*230*		µg/kg wet		*200*		*115*	*30-150*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1230536 - SW846 3540C										
Blank (1230536-BLK1)					Prepared: 11-Dec-12 Analyzed: 14-Dec-12					
Surrogate: Decachlorobiphenyl (Sr)	*180*		µg/kg wet		*200*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*210*		µg/kg wet		*200*		*105*	*30-150*		
LCS (1230536-BS1)					Prepared: 11-Dec-12 Analyzed: 14-Dec-12					
Aroclor-1016	**2330**		µg/kg wet	200	2500		93	40-140		
Aroclor-1016 [2C]	**2520**		µg/kg wet	200	2500		101	40-140		
Aroclor-1260	**2230**		µg/kg wet	200	2500		89	40-140		
Aroclor-1260 [2C]	**1820**		µg/kg wet	200	2500		73	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*220*		µg/kg wet		*200*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*230*		µg/kg wet		*200*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*190*		µg/kg wet		*200*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*220*		µg/kg wet		*200*		*110*	*30-150*		
LCS Dup (1230536-BSD1)					Prepared: 11-Dec-12 Analyzed: 14-Dec-12					
Aroclor-1016	**2430**		µg/kg wet	200	2500		97	40-140	4	30
Aroclor-1016 [2C]	**2520**		µg/kg wet	200	2500		101	40-140	0	30
Aroclor-1260	**2040**		µg/kg wet	200	2500		82	40-140	9	30
Aroclor-1260 [2C]	**1840**		µg/kg wet	200	2500		74	40-140	1	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*220*		µg/kg wet		*200*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*220*		µg/kg wet		*200*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*200*		µg/kg wet		*200*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*240*		µg/kg wet		*200*		*120*	*30-150*		
Duplicate (1230536-DUP1)			Source: SB61522-38		Prepared: 11-Dec-12 Analyzed: 14-Dec-12					
Aroclor-1016	< 166		µg/kg dry	166		BRL				30
Aroclor-1016 [2C]	< 166		µg/kg dry	166		BRL				30
Aroclor-1221	< 166		µg/kg dry	166		BRL				30
Aroclor-1221 [2C]	< 166		µg/kg dry	166		BRL				30
Aroclor-1232	< 166		µg/kg dry	166		BRL				30
Aroclor-1232 [2C]	< 166		µg/kg dry	166		BRL				30
Aroclor-1242	< 166		µg/kg dry	166		BRL				30
Aroclor-1242 [2C]	< 166		µg/kg dry	166		BRL				30
Aroclor-1248	< 166		µg/kg dry	166		BRL				30
Aroclor-1248 [2C]	< 166		µg/kg dry	166		BRL				30
Aroclor-1254	**215**		µg/kg dry	166		289			29	30
Aroclor-1254 [2C]	**174**	QM4	µg/kg dry	166		244			34	30
Aroclor-1260	**596**		µg/kg dry	166		641			7	30
Aroclor-1260 [2C]	**513**		µg/kg dry	166		551			7	30
Aroclor-1262	< 166		µg/kg dry	166		BRL				30
Aroclor-1262 [2C]	< 166		µg/kg dry	166		BRL				30
Aroclor-1268	< 166		µg/kg dry	166		BRL				30
Aroclor-1268 [2C]	< 166		µg/kg dry	166		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*157*		µg/kg dry		*166*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*157*		µg/kg dry		*166*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*141*		µg/kg dry		*166*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*149*		µg/kg dry		*166*		*90*	*30-150*		
Matrix Spike (1230536-MS1)			Source: SB61522-38		Prepared: 11-Dec-12 Analyzed: 14-Dec-12					
Aroclor-1016	**2430**		µg/kg dry	176	2200	BRL	110	40-140		
Aroclor-1016 [2C]	**2460**		µg/kg dry	176	2200	BRL	112	40-140		
Aroclor-1260	**3130**		µg/kg dry	176	2200	641	113	40-140		
Aroclor-1260 [2C]	**2530**		µg/kg dry	176	2200	551	90	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*220*		µg/kg dry		*176*		*125*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*211*		µg/kg dry		*176*		*120*	*30-150*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1230536 - SW846 3540C										
Matrix Spike (1230536-MS1)			**Source: SB61522-38**		Prepared: 11-Dec-12		Analyzed: 14-Dec-12			
Surrogate: Decachlorobiphenyl (Sr)	*194*		µg/kg dry		*176*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*220*		µg/kg dry		*176*		*125*	*30-150*		
Matrix Spike Dup (1230536-MSD1)			**Source: SB61522-38**		Prepared: 11-Dec-12		Analyzed: 14-Dec-12			
Aroclor-1016	**2730**		µg/kg dry	209	2610	BRL	105	40-140	5	30
Aroclor-1016 [2C]	**3050**		µg/kg dry	209	2610	BRL	117	40-140	4	30
Aroclor-1260	**2840**		µg/kg dry	209	2610	641	84	40-140	29	30
Aroclor-1260 [2C]	**2680**		µg/kg dry	209	2610	551	82	40-140	9	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*240*		µg/kg dry		*209*		*115*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*250*		µg/kg dry		*209*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*219*		µg/kg dry		*209*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*261*		µg/kg dry		*209*		*125*	*30-150*		
Batch 1230537 - SW846 3540C										
Blank (1230537-BLK1)					Prepared: 11-Dec-12		Analyzed: 13-Dec-12			
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*24.0*		µg/kg wet		*20.0*		*120*	*30-150*		
LCS (1230537-BS1)					Prepared: 11-Dec-12		Analyzed: 13-Dec-12			
Aroclor-1016	**224**		µg/kg wet	20.0	250		90	40-140		
Aroclor-1016 [2C]	**245**		µg/kg wet	20.0	250		98	40-140		
Aroclor-1260	**203**		µg/kg wet	20.0	250		81	40-140		
Aroclor-1260 [2C]	**185**		µg/kg wet	20.0	250		74	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*24.0*		µg/kg wet		*20.0*		*120*	*30-150*		
LCS Dup (1230537-BSD1)					Prepared: 11-Dec-12		Analyzed: 13-Dec-12			
Aroclor-1016	**223**		µg/kg wet	20.0	250		89	40-140	0.4	30
Aroclor-1016 [2C]	**246**		µg/kg wet	20.0	250		98	40-140	0.4	30
Aroclor-1260	**195**		µg/kg wet	20.0	250		78	40-140	4	30
Aroclor-1260 [2C]	**181**		µg/kg wet	20.0	250		72	40-140	2	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1230537 - SW846 3540C										
LCS Dup (1230537-BSD1)					Prepared: 11-Dec-12 Analyzed: 13-Dec-12					
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*24.0*		µg/kg wet		*20.0*		*120*	*30-150*		
Duplicate (1230537-DUP1)			Source: SB61522-54		Prepared: 11-Dec-12 Analyzed: 13-Dec-12					
Aroclor-1016	< 889	R01	µg/kg dry	889		BRL				30
Aroclor-1016 [2C]	< 889	R01	µg/kg dry	889		BRL				30
Aroclor-1221	< 889	R01	µg/kg dry	889		BRL				30
Aroclor-1221 [2C]	< 889	R01	µg/kg dry	889		BRL				30
Aroclor-1232	< 889	R01	µg/kg dry	889		BRL				30
Aroclor-1232 [2C]	< 889	R01	µg/kg dry	889		BRL				30
Aroclor-1242	< 889	R01	µg/kg dry	889		BRL				30
Aroclor-1242 [2C]	< 889	R01	µg/kg dry	889		BRL				30
Aroclor-1248	< 889	R01	µg/kg dry	889		BRL				30
Aroclor-1248 [2C]	< 889	R01	µg/kg dry	889		BRL				30
Aroclor-1254	**551**	QM4	µg/kg dry	178		810			38	30
Aroclor-1254 [2C]	**578**		µg/kg dry	178		764			28	30
Aroclor-1260	**107**	J	µg/kg dry	178		130			20	30
Aroclor-1260 [2C]	**80.0**	J	µg/kg dry	178		93.2			15	30
Aroclor-1262	< 178		µg/kg dry	178		BRL				30
Aroclor-1262 [2C]	< 178		µg/kg dry	178		BRL				30
Aroclor-1268	< 178		µg/kg dry	178		BRL				30
Aroclor-1268 [2C]	< 178		µg/kg dry	178		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*187*		µg/kg dry		*178*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*196*		µg/kg dry		*178*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*169*		µg/kg dry		*178*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*178*		µg/kg dry		*178*		*100*	*30-150*		
Matrix Spike (1230537-MS1)			Source: SB61522-60		Prepared: 11-Dec-12 Analyzed: 13-Dec-12					
Aroclor-1016	**1670**		µg/kg dry	135	1690	BRL	99	40-140		
Aroclor-1016 [2C]	**1700**		µg/kg dry	135	1690	BRL	101	40-140		
Aroclor-1260	**1480**		µg/kg dry	135	1690	BRL	88	40-140		
Aroclor-1260 [2C]	**1260**		µg/kg dry	135	1690	BRL	75	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*162*		µg/kg dry		*135*		*120*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*162*		µg/kg dry		*135*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*135*		µg/kg dry		*135*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*155*		µg/kg dry		*135*		*115*	*30-150*		
Matrix Spike Dup (1230537-MSD1)			Source: SB61522-60		Prepared: 11-Dec-12 Analyzed: 13-Dec-12					
Aroclor-1016	**2080**		µg/kg dry	161	2020	BRL	103	40-140	4	30
Aroclor-1016 [2C]	**2160**		µg/kg dry	161	2020	BRL	107	40-140	6	30
Aroclor-1260	**1840**		µg/kg dry	161	2020	BRL	91	40-140	4	30
Aroclor-1260 [2C]	**1670**		µg/kg dry	161	2020	BRL	83	40-140	10	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*218*		µg/kg dry		*161*		*135*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*210*		µg/kg dry		*161*		*130*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*178*		µg/kg dry		*161*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*202*		µg/kg dry		*161*		*125*	*30-150*		
Batch 1230628 - SW846 3540C										
Blank (1230628-BLK1)					Prepared: 12-Dec-12 Analyzed: 13-Dec-12					
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1230628 - SW846 3540C										
Blank (1230628-BLK1)					Prepared: 12-Dec-12 Analyzed: 13-Dec-12					
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*26.0*		µg/kg wet		*20.0*		*130*	*30-150*		
LCS (1230628-BS1)					Prepared: 12-Dec-12 Analyzed: 13-Dec-12					
Aroclor-1016	**219**		µg/kg wet	20.0	250		88	40-140		
Aroclor-1016 [2C]	**237**		µg/kg wet	20.0	250		95	40-140		
Aroclor-1260	**203**		µg/kg wet	20.0	250		81	40-140		
Aroclor-1260 [2C]	**172**		µg/kg wet	20.0	250		69	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
LCS Dup (1230628-BSD1)					Prepared: 12-Dec-12 Analyzed: 13-Dec-12					
Aroclor-1016	**227**		µg/kg wet	20.0	250		91	40-140	4	30
Aroclor-1016 [2C]	**239**		µg/kg wet	20.0	250		96	40-140	0.8	30
Aroclor-1260	**206**		µg/kg wet	20.0	250		82	40-140	1	30
Aroclor-1260 [2C]	**175**		µg/kg wet	20.0	250		70	40-140	2	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*25.0*		µg/kg wet		*20.0*		*125*	*30-150*		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1230578 - General Preparation										
Duplicate (1230578-DUP1)			Source: SB61522-17			Prepared & Analyzed: 12-Dec-12				
% Solids	96.9		%			96.6			0.3	20
Batch 1230579 - General Preparation										
Duplicate (1230579-DUP1)			Source: SB61522-37			Prepared & Analyzed: 12-Dec-12				
% Solids	99.1		%			98.9			0.2	20

Notes and Definitions

D	Data reported from a dilution
DC7	The recovery of surrogate Decachlorobiphenyl was outside of the acceptance limits due to interference from a co-eluting Aroclor-1268 peak. The recovery of surrogate 4,4-DB-Octafluorobiphenyl is within acceptance limits.
GS1	Sample dilution required for high concentration of target analytes to be within the instrument calibration range.
QM4	Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.
QM5	The spike recovery was outside acceptance limits for the MS, MSD and/or PS due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
QR4	Analyses are not controlled on RPD values from sample concentrations less than the reporting limit. QC batch accepted based on LCS and/or LCSD QC results
R01	The Reporting Limit has been raised to account for matrix interference.
S01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
June O'Connor
Kimberly Wisk
Nicole Leja

Utilize DAS Rates

BB 61522

Edition: September 2007
Supersede Previous Edition

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CHAIN OF CUSTODY

LAB ID #.

PROJECT NUMBER	PROJECT NAME	PARAMETERS	CONTAINERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-Murphy Terminal, BIA			X Standard TAT 7-10 Days; Rush TAT; Date Needed:
SIGNATURE	INSPECTOR: G.Kaczynski/Tom Martin			

Lab ID:	SAMPLE ID:	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	EPA 8082 (3540)	# of Amber Glass	# of Clear Glass	Matrix (X1=Caulk/glaze)	Preservative	NOTES
61522- 01	1A	12/4/12	0757		X	MT – ground fl, PCA	X		1	X1	N/A	C1 – hard brittle light brown caulk
02	1B	12/4/12	0804		X	MT – ground fl, PCA	X		1	X1	N/A	C1 – hard brittle light brown caulk
03	2A	12/4/12	0810		X	MT – bsmt, room 155	X		1	X1	N/A	C2 – old tan pliable caulk (ext. side of structure)
04	2B	12/4/12	0944		X	MT – ground fl, room 67	X		1	X1	N/A	C2 – old tan pliable caulk (ext. side of structure)
05	2C	12/4/12	1135		X	MT – 1st fl, room 35	X		1	X1	N/A	C2 – old tan pliable caulk (ext. side of structure)
06	3A	12/4/12	0821		X	MT – bsmt, room 154	X		1	X1	N/A	C3 – grey flexible caulk
07	3B	12/4/12	1000		X	MT – ground fl, Hall G	X		1	X1	N/A	C3 – grey flexible caulk
08	3C	12/4/12	1100		X	MT – ground fl, room 10	X		1	X1	N/A	C3 – grey flexible caulk
09	4A	12/4/12	1010		X	MT – ground fl, room 12	X		1	X1	N/A	C4 – white flexible caulk
10	4B	12/4/12	1005		X	MT – ground fl, room 12	X		1	X1	N/A	C4 – white flexible caulk

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	12/7/12			12-10-12	
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Leon Bishop	(Printed) Leon Bishop	Time: 17:15	(Printed)

Condition upon Receipt:

Remarks: Standard QA/QC Reporting Level
Report to: Henry Laliberte (hlaliberte@trcsolutions.com) (860) 298-6266
Include CT DPH RCP Report

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TRC
21 GRIFFIN ROAD NORTH
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FAX (860) 298-6380

CHAIN OF CUSTODY

Edition: September 2007
Supersede Previous Edition

LAB ID #: 861522

PROJECT NUMBER	PROJECT NAME	PARAMETERS	CONTAINERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-Murphy Terminal, BIA			X Standard TAT 7-10 Days; Rush TAT; Date Needed:
SIGNATURE	INSPECTOR: G.Kaczynski/Tom Martin			

Lab ID: 61522-	SAMPLE ID:	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	EPA 8082 (3540)	# of Amber Glass	# of Clear Glass	Matrix (X1=Caulk/glaze)	Preservative	NOTES
11	7A	11/30/12	1436		X	MT – 1st fl, doorway near IAB	X		1	X1	N/A	C7 – slight flexible light brown caulk
12	8A	12/4/12	1140		X	MT – 1st fl, room 39	X		1	X1	N/A	C8 – tan/grey interior, hard exterior caulk
13	8B	12/4/12	1200		X	MT – 1st fl, room 39	X		1	X1	N/A	C8 – tan/grey interior, hard exterior caulk
14	28A	12/4/12	1350		X	MT – 1st fl, hall o/s room 30C	X		1	X1	N/A	C8(C27) – tan/grey interior, hard exterior caulk
15	9A	12/4/12	1336		X	MT – 1st fl, hall o/s room 30C	X		1	X1	N/A	C9 – semi-pliable, sticky caulk(ext side of window)
16	9B	12/4/12	1355		X	MT – 1st fl, hall o/s room 30C	X		1	X1	N/A	C9 – semi-pliable, sticky caulk(ext side of window)
17	11A	11/30/12	1352		X	MT – 1st fl, south dr, PCC ent	X		1	X1	N/A	C11 – sticky, flexible dark brown caulk
18	11B	11/30/12	1355		X	MT – 1st fl, south dr, PCC ent	X		1	X1	N/A	C11 – sticky, flexible dark brown caulk
19	12A	12/4/12	0837		X	MT – bsmt, rm 149 corridor	X		1	X1	N/A	C12 – tan, hard pliable putty caulk
20	12B	12/4/12	0830		X	MT – bsmt, rm 149 corridor	X		1	X1	N/A	C12 – tan, hard pliable putty caulk

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	12/7/12			12-10-12	
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Leon Bishop	(Printed) Leon Bishop	Time: 1715	(Printed)

Remarks: Standard QA/QC Reporting Level
Report to: Henry Laliberte (hlaliberte@trcsolutions.com) (860) 298-6266
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CHAIN OF CUSTODY

LAB ID #.

PROJECT NUMBER	PROJECT NAME	PARAMETERS	CONTAINERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-Murphy Terminal, BIA			X Standard TAT 7-10 Days; Rush TAT; Date Needed:
SIGNATURE	INSPECTOR: G.Kaczynski/Tom Martin			

Lab ID: 61522-	SAMPLE ID:	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	EPA 8082 (3540)	# of Amber Glass	# of Clear Glass	Matrix (X1=Caulk/glaze)	Preservative	NOTES
21	12C	12/4/12	0835		X	MT – bsmt, rm 149 corridor	X		1	X1	N/A	C12 – tan, hard pliable putty caulk
22	13A	12/5/12	1106		X	MT – Control tower, ext side D	X		1	X1	N/A	C13 – white, hard semi-pliable caulk
23	13B	12/5/12	1135		X	MT – Control tower, ext side	X		1	X1	N/A	C13 – white, hard semi-pliable caulk
24	14A	12/5/12	1114		X	MT – Control tower, ext side	X		1	X1	N/A	C14 – dark brown flexible caulk
25	14B	12/5/12	1110		X	MT – Control tower, ext side	X		1	X1	N/A	C14 – dark brown flexible caulk
26	15A	12/5/12	1425		X	MT – 4th fl, mech rm	X		1	X1	N/A	C15 – tan putty-like caulk w/ noticeable odor
27	15B	12/5/12	1040		X	MT – Penthouse strwl	X		1	X1	N/A	C15 – tan putty-like caulk w/ noticeable odor
28	16A	12/3/12	0901		X	MT – ground fl, exterior, rm 10	X		1	X1	N/A	C15 – tan putty-like caulk w/ noticeable odor
29	16B	12/3/12	0906		X	MT – ground fl, exterior, o/s room 12	X		1	X1	N/A	C16 – grey flexible tacky caulk
30	16C	12/3/12	0911		X	MT – ground fl, exterior, o/s hall G area	X		1	X1	N/A	C16 – grey flexible tacky caulk

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	12/7/12			12/10/12	
(Printed) Gregory Kaczynski	Time: 1600	(Printed) LEON BISHOP	(Printed) LEON BISHOP	Time: 1715	(Printed)

Remarks: Standard QA/QC Reporting Level
Report to: Henry Laliberte (hlaliberte@trcsolutions.com) (860) 298-6266
Include CT DPH RCP Report

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Edition: September 2007
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CHAIN OF CUSTODY

LAB ID #. 861522

PROJECT NUMBER	PROJECT NAME	PARAMETERS	CONTAINERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-Murphy Terminal, BIA			X Standard TAT 7-10 Days
SIGNATURE	INSPECTOR			Rush TAT / Date Needed:
	G.Kaczynski/Tom Martin			

Lab ID: 61522	SAMPLE ID:	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	EPA 8082 (3540)	# of Amber Glass	# of Clear Glass	Matrix (X1=Caulk/glaze)	Preservative	NOTES
31	17A	12/3/12	1028		X	MT – ground fl, exterior, rm 3B area	X		1	X1	N/A	C16 – grey flexible tacky caulk
32	18A	12/3/12	1128		X	MT – ground fl, exterior, hall G door	X		1	X1	N/A	C18 – beige flexible caulk
33	18B	12/3/12	1138		X	MT – ground fl, exterior, rm 67	X		1	X1	N/A	C18 – beige flexible caulk
34	18C	12/3/12	1146		X	MT – ground fl, exterior, hall G door	X		1	X1	N/A	C18 – beige flexible caulk
35	56A	12/4/12	1442		X	MT – 1st fl, exterior, side A	X		1	X1	N/A	C22B – beige tacky flexible caulk
36	56B	12/5/12	0831		X	MT – 1st fl, exterior, side A	X		1	X1	N/A	C22B – beige tacky flexible caulk
37	56C	12/5/12	0825		X	MT – 1st fl, exterior, side A (south)	X		1	X1	N/A	C22B – beige tacky flexible caulk
38	29A	12/5/12	1135		X	MT – west roof o/s penthouse	X		1	X1	N/A	C28 – grey brittle caulk on top of parrapet
39	29B	12/5/12	1156		X	MT – 3rd fl roof	X		1	X1	N/A	C28 – grey brittle caulk on top of parrapet
40	30A	12/5/12	1404		X	MT – 3rd fl roof, A side parapet	X		1	X1	N/A	C29 – stretchy flexible grey-brown caulk

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	12/7/12	L. Bishop	L. Bishop	12/07/12	Janyck
(Printed) Gregory Kaczynski	Time: 1600	(Printed) LEON BISHOP	(Printed) L. BISHOP	Time: 1715	(Printed)

Remarks: Standard QA/QC Reporting Level
Report to: Henry Laliberte (hlaliberte@trcsolutions.com) (860) 298-6266
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SB61522

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CHAIN OF CUSTODY

LAB ID #.

PROJECT NUMBER	PROJECT NAME	PARAMETERS	CONTAINERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-Murphy Terminal, BIA			X Standard TAT 7-10 Days; Rush TAT; Date Needed:
SIGNATURE	INSPECTOR: G.Kaczynski/Tom Martin			

Lab ID: 61522-	SAMPLE ID:	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	EPA 8082 (3540)	# of Amber Glass	# of Clear Glass	Matrix (X1=Caulk/glaze)	Preservative	NOTES
41	30B	12/5/12	1409		X	MT – 3rd fl roof, A side parapet	X		1	X1	N/A	C29 – stretchy flexible grey-brown caulk
42	30C	12/5/12	1420		X	MT – 3rd fl roof, A/B side parapet	X		1	X1	N/A	C29 – stretchy flexible grey-brown caulk
43	57A	12/4/12	1446		X	MT – 1st fl, exterior, A side	X		1	X1	N/A	C34 – dark brown tacky flexible caulk
44	57B	12/5/12	0846		X	MT – 1st fl, exterior, A side	X		1	X1	N/A	C34 – dark brown tacky flexible caulk
45	58A	12/5/12	1320		X	MT – 3rd fl roof	X		1	X1	N/A	C35 – tan brittle caulk in parapet joint
46	58B	12/5/12	1330		X	MT – 3rd fl roof	X		1	X1	N/A	C35 – tan brittle caulk in parapet joint
47	58C	12/5/12	1341		X	MT – 3rd fl roof	X		1	X1	N/A	C35 – tan brittle caulk in parapet joint
48	35A	12/4/12	0850		X	MT – basement room 157	X		1	X1	N/A	WG1 – black putty interior window glaze
49	35B	12/4/12	0942		X	MT – basement room 157	X		1	X1	N/A	WG1 – black putty interior window glaze
50	55A	12/4/12	0901		X	MT – ground fl, PCA	X		1	X1	N/A	WG1A – grey putty interior glaze
51	55B	12/4/12	0855		X	MT – ground fl, PCA	X		1	X1	N/A	WG1A – grey putty interior glaze

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	12/7/12			12-10-12	
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Leon Bishop	(Printed) L. Bishop	Time: 1715	(Printed)

Remarks: Standard QA/QC Reporting Level
Report to: Henry Laliberte (hlaliberte@trcsolutions.com) (860) 298-6266
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CHAIN OF CUSTODY

LAB ID #.

PROJECT NUMBER	PROJECT NAME	PARAMETERS	CONTAINERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-Murphy Terminal, BIA			X Standard TAT 7-10 Days
				Rush TAT / Date Needed:
SIGNATURE	INSPECTOR G.Kaczynski/Tom Martin			

Lab ID: 6522	SAMPLE ID:	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	EPA 8082 (3540)	# of Amber Glass	# of Clear Glass	Matrix (X1=Caulk/glaze)	Preservative	NOTES
51	36A	12/4/12	1145		X	MT – 1st fl, hall o/s rm 35	X		1	X1	N/A	WG2 – hard grey glaze on int. double pane metal windows
52	36B	12/4/12	1320		X	MT – 1st fl, interior, rm 20	X		1	X1	N/A	WG2 – hard grey glaze on int. double pane metal windows
53	37A	12/4/12	1422		X	MT – 1st fl, interior, AA ticket area	X		1	X1	N/A	WG3 – hard tan window glaze on 5'x7' metal frame windows
54	37B	12/4/12	1426		X	MT – 1st fl, interior, AA ticket area	X		1	X1	N/A	WG3 – hard tan window glaze on 5'x7' metal frame windows
55	38B	12/4/12	1430		X	MT – 1st fl, Wicked Gd Subs area	X		1	X1	N/A	WG4 – flexible grey glaze on 5'x7' metal windows
56	40A	12/5/12	1021		X	MT – Control tower	X		1	X1	N/A	WG6 – black putty glaze on 7'x10' metal frame windows
57	40B	12/5/12	1031		X	MT – Control tower	X		1	X1	N/A	WG6 – black putty glaze on 7'x10' metal frame windows
58	41A	12/5/12	1032		X	MT – Control tower	X		1	X1	N/A	WG7 – grey putty glaze on 7'x10' metal frame windows

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	12/7/12			12-10-12	
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Leon Bishop	(Printed) L. Bishop	Time: 1715	(Printed)

Remarks: Standard QA/QC Reporting Level
Report to: Henry Laliberte (hlaliberte@trcsolutions.com) (860) 298-6266
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Edition: September 2007
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CHAIN OF CUSTODY

LAB ID #.

PROJECT NUMBER	PROJECT NAME	PARAMETERS	CONTAINERS	TURNAROUND TIME
183572.4445.0710	ConnDOT-Murphy Terminal, BIA			X Standard TAT 7-10 Days; Rush TAT; Date Needed:
SIGNATURE	INSPECTOR: G.Kaczynski/Tom Martin			

Lab ID:	SAMPLE ID:	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	EPA 8082 (3540)	# of Amber Glass	# of Clear Glass	Matrix (XI=Caulk/glaze)	Preservative	NOTES
61522-												
59	42A	12/5/12	1445		X	MT – 4th fl bathroom	X		1	X1	N/A	WG8 – hard white window glaze patch
60	46B	12/3/12	1015		X	MT – ground fl, exterior, rm 3B	X		1	X1	N/A	WG12 – black putty window glaze
61	46C	12/3/12	1020		X	MT – ground fl, exterior, rm 3B	X		1	X1	N/A	WG12 – black putty window glaze
63	50A	12/4/12	1100		X	MT – ground fl, strwl S2	X		1	X1	N/A	DWG1 – black putty door window glaze
64	50B	12/4/12	1120		X	MT – ground fl, PCA	X		1	X1	N/A	DWG1 – black putty door window glaze
65	51A	12/3/12	0825		X	MT – ground fl, rm 3C	X		1	X1	N/A	DWG4 – grey putty door window glaze
66	51B	12/4/12	1110		X	MT – ground fl, int BAD2	X		1	X1	N/A	DWG4 – grey putty door window glaze
67	51C	12/4/12	1315		X	MT – 1st fl, room 36	X		1	X1	N/A	DWG4 – grey putty door window glaze
68	52A	12/4/12	1020		X	MT – ground fl, int, room 12	X		1	X1	N/A	DWG5 – white putty door window glaze
69	54A	12/3/12	0950		X	MT – ground fl, exterior, rm 3C	X		1	X1	N/A	DWG7 – white flexible window glaze in garage doors
70	54B	12/3/12	0957		X	MT – ground fl, exterior, rm 3C	X		1	X1	N/A	DWG7 – white flexible window glaze in garage doors

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	12/7/12			12-10-12	
(Printed) Gregory Kaczynski	Time: 1600	(Printed) Leon Bishop	(Printed) L. Bishop	Time: 1715	(Printed)

Remarks: Standard QA/QC Reporting Level
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CHAIN OF CUSTODY

LAB ID #.

PROJECT NUMBER	PROJECT NAME	PARAMETERS	CONTAINERS				TURNAROUND TIME	
183572.4445.0710	ConnDOT-Murphy Terminal, BIA						X	Standard TAT 7-10 Days
								Rush TAT / Date Needed:
SIGNATURE	INSPECTOR G.Kaczynski/Tom Martin							

Lab ID: 61522-	SAMPLE ID:	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	EPA 8082 (3540)	# of Amber Glass	# of Clear Glass	Matrix (X1=Caulk/glaze)	Preservative	NOTES
70	54C	12/3/12	1118		X	MT – ground fl, exterior, rm 12	X		1	X1	N/A	DWG7 – white flexible window glaze in garage doors
71	S11A	12/5/12	1409		X	MT – 3rd fl roof(ext or 4th floor)	X		1	X1	N/A	SS1 – silver silicone over WG2 glaze

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	12/7/12			12/10/12	
(Printed) Gregory Kaczynski	Time: 1600	(Printed) L. Bishop	(Printed) L. Bishop	Time: 1715	(Printed)

Remarks: Standard QA/QC Reporting Level
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Report Date:
27-Dec-12 12:49

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
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Laboratory Report

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: Bradley International Airport-Windsor Locks, CT
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB62037-01	SS-2	Caulk	14-Dec-12 11:00	19-Dec-12 15:10
SB62037-02	SS-3	Caulk	14-Dec-12 11:55	19-Dec-12 15:10
SB62037-03	4-C	Caulk	14-Dec-12 11:00	19-Dec-12 15:10
SB62037-04	20-A	Caulk	14-Dec-12 10:22	19-Dec-12 15:10
SB62037-05	20-B	Caulk	14-Dec-12 10:24	19-Dec-12 15:10
SB62037-06	20-C	Caulk	14-Dec-12 10:28	19-Dec-12 15:10
SB62037-07	21-A	Caulk	14-Dec-12 10:15	19-Dec-12 15:10
SB62037-08	21-B	Caulk	14-Dec-12 10:14	19-Dec-12 15:10
SB62037-09	21-C	Caulk	14-Dec-12 10:18	19-Dec-12 15:10
SB62037-10	22-A	Caulk	14-Dec-12 09:50	19-Dec-12 15:10
SB62037-11	22-B	Caulk	11-Dec-12 09:10	19-Dec-12 15:10
SB62037-12	22-C	Caulk	11-Dec-12 08:55	19-Dec-12 15:10
SB62037-13	23-A	Caulk	14-Dec-12 09:55	19-Dec-12 15:10
SB62037-14	23-B	Caulk	14-Dec-12 10:10	19-Dec-12 15:10
SB62037-15	23-C	Caulk	11-Dec-12 08:44	19-Dec-12 15:10
SB62037-16	24-A	Caulk	11-Dec-12 09:30	19-Dec-12 15:10
SB62037-17	24-B	Caulk	11-Dec-12 09:34	19-Dec-12 15:10
SB62037-18	24-C	Caulk	11-Dec-12 09:40	19-Dec-12 15:10
SB62037-19	25-A	Caulk	11-Dec-12 11:15	19-Dec-12 15:10
SB62037-20	25-B	Caulk	11-Dec-12 11:30	19-Dec-12 15:10
SB62037-21	25-C	Caulk	11-Dec-12 11:40	19-Dec-12 15:10
SB62037-22	25-D	Caulk	11-Dec-12 14:10	19-Dec-12 15:10
SB62037-23	26-A	Caulk	11-Dec-12 10:35	19-Dec-12 15:10
SB62037-24	26-B	Caulk	11-Dec-12 10:45	19-Dec-12 15:10
SB62037-25	26-C	Caulk	11-Dec-12 10:54	19-Dec-12 15:10
SB62037-26	27-A	Caulk	11-Dec-12 10:45	19-Dec-12 15:10
SB62037-27	27-B	Caulk	11-Dec-12 10:52	19-Dec-12 15:10
SB62037-28	27-C	Caulk	11-Dec-12 10:55	19-Dec-12 15:10
SB62037-29	29-C	Caulk	10-Dec-12 11:50	19-Dec-12 15:10
SB62037-30	32-A	Caulk	11-Dec-12 13:30	19-Dec-12 15:10
SB62037-31	32-B	Caulk	11-Dec-12 13:50	19-Dec-12 15:10
SB62037-32	32-C	Caulk	11-Dec-12 13:45	19-Dec-12 15:10
SB62037-33	36-C	Glaze	14-Dec-12 13:45	19-Dec-12 15:10
SB62037-34	38-C	Glaze	11-Dec-12 11:45	19-Dec-12 15:10
SB62037-35	39-A	Glaze	10-Dec-12 13:45	19-Dec-12 15:10
SB62037-36	39-B	Glaze	14-Dec-12 11:21	19-Dec-12 15:10
SB62037-37	39-C	Glaze	14-Dec-12 11:35	19-Dec-12 15:10

SB62037-38	43-A	Glaze	14-Dec-12 08:31	19-Dec-12 15:10
SB62037-39	47-A	Glaze	11-Dec-12 10:30	19-Dec-12 15:10
SB62037-40	47-B	Glaze	11-Dec-12 10:36	19-Dec-12 15:10
SB62037-41	47-C	Glaze	11-Dec-12 10:41	19-Dec-12 15:10
SB62037-42	50-C	Glaze	14-Dec-12 12:10	19-Dec-12 15:10
SB62037-43	59-A	Glaze	10-Dec-12 13:20	19-Dec-12 15:10
SB62037-44	59-B	Glaze	10-Dec-12 13:25	19-Dec-12 15:10
SB62037-45	59-C	Glaze	10-Dec-12 13:40	19-Dec-12 15:10
SB62037-46	60-A	Caulk	11-Dec-12 10:05	19-Dec-12 15:10
SB62037-47	60-B	Caulk	11-Dec-12 10:10	19-Dec-12 15:10
SB62037-48	60-C	Caulk	11-Dec-12 10:11	19-Dec-12 15:10
SB62037-49	61-A	Caulk	11-Dec-12 13:15	19-Dec-12 15:10
SB62037-50	61-B	Caulk	11-Dec-12 13:22	19-Dec-12 15:10
SB62037-51	61-C	Caulk	11-Dec-12 13:24	19-Dec-12 15:10
SB62037-52	62-A	Glaze	11-Dec-12 15:00	19-Dec-12 15:10
SB62037-53	62-B	Glaze	11-Dec-12 15:06	19-Dec-12 15:10
SB62037-54	62-C	Glaze	11-Dec-12 15:20	19-Dec-12 15:10
SB62037-55	34-A	Caulk	18-Dec-12 13:27	19-Dec-12 15:10
SB62037-56	34-B	Caulk	18-Dec-12 13:23	19-Dec-12 15:10
SB62037-57	48-A	Glaze	18-Dec-12 13:20	19-Dec-12 15:10
SB62037-58	48-B	Glaze	18-Dec-12 13:15	19-Dec-12 15:10
SB62037-59	33-A	Caulk	18-Dec-12 13:17	19-Dec-12 15:10
SB62037-60	33-B	Caulk	18-Dec-12 13:21	19-Dec-12 15:10

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 76 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: Bradley International Airport-Windsor Locks, CT

Project Number: 183572.4445.0710

Sampling Date(s):
12/10/2012 through 12/18/2012

Laboratory Sample ID(s):
SB62037-01 through SB62037-60

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	Yes	✓ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	✓ Yes	No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 12/27/2012

CASE NARRATIVE:

The samples were received 2.1 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8082A

Spikes:

1231276-MS1 *Source: SB62037-23*

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Aroclor-1016
Aroclor-1016 [2C]
Aroclor-1260

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr)

1231276-MSD1 *Source: SB62037-23*

RPD out of acceptance range.

Aroclor-1016
Aroclor-1260 [2C]

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Aroclor-1016
Aroclor-1016 [2C]

SW846 8082A

Spikes:

1231276-MSD1 *Source: SB62037-23*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr)

1231277-MS1 *Source: SB62037-45*

Multiple analyses indicate the percent recovery exceeds the Quality Control acceptance criteria due to a matrix effect.

Aroclor-1016
Aroclor-1016 [2C]

1231277-MSD1 *Source: SB62037-45*

Multiple analyses indicate the percent recovery exceeds the Quality Control acceptance criteria due to a matrix effect.

Aroclor-1016
Aroclor-1016 [2C]

Duplicates:

1231276-DUP1 *Source: SB62037-23*

Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.

Aroclor-1248
Aroclor-1248 [2C]
Aroclor-1260
Aroclor-1260 [2C]

Samples:

SB62037-01 *SS-2*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1260
Aroclor-1262
Aroclor-1268

SB62037-03 *4-C*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr)

SB62037-08 *21-B*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248

SB62037-11 *22-B*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr) [2C]

SB62037-16 *24-A*

SW846 8082A

Samples:

SB62037-16 *24-A*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

4,4-DB-Octafluorobiphenyl (Sr)

SB62037-17 *24-B*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB62037-19 *25-A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248

SB62037-20 *25-B*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248

SB62037-21 *25-C*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248

SB62037-22 *25-D*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1254

SB62037-26 *27-A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB62037-27 *27-B*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1260
Aroclor-1262
Aroclor-1268

SW846 8082A

Samples:

SB62037-28 *27-C*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1260
Aroclor-1262
Aroclor-1268

SB62037-29 *29-C*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB62037-30 *32-A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB62037-31 *32-B*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB62037-32 *32-C*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB62037-34 *38-C*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB62037-39 *47-A*

The Reporting Limit has been raised to account for matrix interference.

SB62037-40 *47-B*

The Reporting Limit has been raised to account for matrix interference.

SW846 8082A

Samples:

SB62037-40 *47-B*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

4,4-DB-Octafluorobiphenyl (Sr)

SB62037-41 *47-C*

The Reporting Limit has been raised to account for matrix interference.

SB62037-47 *60-B*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB62037-49 *61-A*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB62037-50 *61-B*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB62037-51 *61-C*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

SB62037-52 *62-A*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB62037-53 *62-B*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SW846 8082A

Samples:

SB62037-53 *62-B*

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB62037-54 *62-C*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB62037-55 *34-A*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB62037-56 *34-B*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SS-2 SB62037-01	183572.4445.0710	Caulk	14-Dec-12 11:00	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 163		µg/kg dry	163	81.6	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231275	X
11104-28-2	Aroclor-1221	< 163		µg/kg dry	163	147	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 163		µg/kg dry	163	105	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 163		µg/kg dry	163	96.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 163		µg/kg dry	163	80.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,960		µg/kg dry	163	120	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 327	R01	µg/kg dry	327	125	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 327	R01	µg/kg dry	327	304	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 327	R01	µg/kg dry	327	103	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231342	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SS-3 [redacted]037-02	183572.4445.0710	Caulk	14-Dec-12 11:55	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 188		µg/kg dry	188	94.2	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231275	X
11104-28-2	Aroclor-1221	< 188		µg/kg dry	188	170	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 188		µg/kg dry	188	121	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 188		µg/kg dry	188	111	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 188		µg/kg dry	188	92.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	2,530		µg/kg dry	188	138	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	4,580		µg/kg dry	188	72.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 188		µg/kg dry	188	176	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 188		µg/kg dry	188	59.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231342	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
4-C SB62037-03	183572.4445.0710	Caulk	14-Dec-12 11:00	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 122		µg/kg dry	122	60.9	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231275	X
11104-28-2	Aroclor-1221	< 122		µg/kg dry	122	110	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 122		µg/kg dry	122	78.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 122		µg/kg dry	122	71.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 122		µg/kg dry	122	59.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 122		µg/kg dry	122	89.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 122		µg/kg dry	122	46.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 122		µg/kg dry	122	114	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 122		µg/kg dry	122	38.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*1300*	S02		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*145*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231343	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
20-A [redacted]37-04	183572.4445.0710	Caulk	14-Dec-12 10:22	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 175		µg/kg dry	175	87.5	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231275	X
11104-28-2	Aroclor-1221	< 175		µg/kg dry	175	158	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 175		µg/kg dry	175	112	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 175		µg/kg dry	175	103	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 175		µg/kg dry	175	85.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	569		µg/kg dry	175	128	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	639		µg/kg dry	175	67.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 175		µg/kg dry	175	163	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 175		µg/kg dry	175	55.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	99.1		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231343	

This laboratory report is not valid without an authorized signature on the cover page.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
20-B	183572.4445.0710	Caulk	14-Dec-12 10:24	19-Dec-12
SB62037-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 169		µg/kg dry	169	84.4	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231275	X
11104-28-2	Aroclor-1221	< 169		µg/kg dry	169	152	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 169		µg/kg dry	169	108	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 169		µg/kg dry	169	99.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 169		µg/kg dry	169	82.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,090		µg/kg dry	169	124	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	938		µg/kg dry	169	64.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 169		µg/kg dry	169	157	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 169		µg/kg dry	169	53.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231343	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
20-C [redacted]37-06	183572.4445.0710	Caulk	14-Dec-12 10:28	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 135		µg/kg dry	135	67.4	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231275	X
11104-28-2	Aroclor-1221	< 135		µg/kg dry	135	121	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 135		µg/kg dry	135	86.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 135		µg/kg dry	135	79.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 135		µg/kg dry	135	66.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	903		µg/kg dry	135	98.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	1,210		µg/kg dry	135	51.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 135		µg/kg dry	135	126	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 135		µg/kg dry	135	42.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*135*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231343	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
21-A SB62037-07	183572.4445.0710	Caulk	14-Dec-12 10:15	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 132		µg/kg dry	132	65.9	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231275	X
11104-28-2	Aroclor-1221	< 132		µg/kg dry	132	119	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 132		µg/kg dry	132	84.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 132		µg/kg dry	132	77.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 132		µg/kg dry	132	64.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	3,440		µg/kg dry	132	96.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 132		µg/kg dry	132	50.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 132		µg/kg dry	132	123	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 132		µg/kg dry	132	41.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231343	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
21-B	183572.4445.0710	Caulk	14-Dec-12 10:14	19-Dec-12
S[illegible]037-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 210	R01	µg/kg dry	210	105	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231275	X
11104-28-2	Aroclor-1221	< 210	R01	µg/kg dry	210	190	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 210	R01	µg/kg dry	210	135	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 210	R01	µg/kg dry	210	124	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 210	R01	µg/kg dry	210	103	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	689		µg/kg dry	105	77.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 105		µg/kg dry	105	40.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 105		µg/kg dry	105	98.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 105		µg/kg dry	105	33.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231343	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
21-C SB62037-09	183572.4445.0710	Caulk	14-Dec-12 10:18	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 125		µg/kg dry	125	62.4	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231275	X
11104-28-2	Aroclor-1221	< 125		µg/kg dry	125	113	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 125		µg/kg dry	125	80.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 125		µg/kg dry	125	73.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	855		µg/kg dry	125	61.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	181		µg/kg dry	125	91.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 125		µg/kg dry	125	47.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 125		µg/kg dry	125	116	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 125		µg/kg dry	125	39.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.6		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231343	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
22-A [illegible]2037-10	183572.4445.0710	Caulk	14-Dec-12 09:50	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 131		µg/kg dry	131	65.6	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231275	X
11104-28-2	Aroclor-1221	< 131		µg/kg dry	131	118	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 131		µg/kg dry	131	84.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 131		µg/kg dry	131	77.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 131		µg/kg dry	131	64.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 131		µg/kg dry	131	96.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 131		µg/kg dry	131	50.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 131		µg/kg dry	131	122	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 131		µg/kg dry	131	41.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*145*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231343	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
22-B SB62037-11	183572.4445.0710	Caulk	11-Dec-12 09:10	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 179		µg/kg dry	179	89.4	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231275	X
11104-28-2	Aroclor-1221	< 179		µg/kg dry	179	161	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 179		µg/kg dry	179	115	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 179		µg/kg dry	179	105	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 179		µg/kg dry	179	87.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 179		µg/kg dry	179	131	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 179		µg/kg dry	179	68.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 179		µg/kg dry	179	167	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 179		µg/kg dry	179	56.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*1790*	S02		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.5		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231343	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
22-C [redacted]37-12	183572.4445.0710	Caulk	11-Dec-12 08:55	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 182		µg/kg dry	182	90.7	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231275	X
11104-28-2	Aroclor-1221	< 182		µg/kg dry	182	164	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 182		µg/kg dry	182	117	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 182		µg/kg dry	182	107	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 182		µg/kg dry	182	89.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 182		µg/kg dry	182	133	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 182		µg/kg dry	182	69.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 182		µg/kg dry	182	169	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 182		µg/kg dry	182	57.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*135*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	99.6		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231343	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
23-A SB62037-13	183572.4445.0710	Caulk	14-Dec-12 09:55	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 190		µg/kg dry	190	94.9	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231275	X
11104-28-2	Aroclor-1221	< 190		µg/kg dry	190	171	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 190		µg/kg dry	190	122	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 190		µg/kg dry	190	112	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 190		µg/kg dry	190	93.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 190		µg/kg dry	190	139	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 190		µg/kg dry	190	72.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 190		µg/kg dry	190	177	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 190		µg/kg dry	190	59.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*35*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231343	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
23-B [illegible]2037-14	183572.4445.0710	Caulk	14-Dec-12 10:10	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 185		µg/kg dry	185	92.6	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231275	X
11104-28-2	Aroclor-1221	< 185		µg/kg dry	185	167	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 185		µg/kg dry	185	119	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 185		µg/kg dry	185	109	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 185		µg/kg dry	185	91.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 185		µg/kg dry	185	136	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 185		µg/kg dry	185	71.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 185		µg/kg dry	185	173	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 185		µg/kg dry	185	58.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**99.2**		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231343	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
23-C SB62037-15	183572.4445.0710	Caulk	11-Dec-12 08:44	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 193		µg/kg dry	193	96.3	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231275	X
11104-28-2	Aroclor-1221	< 193		µg/kg dry	193	174	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 193		µg/kg dry	193	124	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 193		µg/kg dry	193	113	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 193		µg/kg dry	193	94.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 193		µg/kg dry	193	141	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 193		µg/kg dry	193	73.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 193		µg/kg dry	193	179	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 193		µg/kg dry	193	60.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231343	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
24-A S[illegible]037-16	183572.4445.0710	Caulk	11-Dec-12 09:30	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1730	D	µg/kg dry	1730	862	10	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231275	X
11104-28-2	Aroclor-1221	< 1730	D	µg/kg dry	1730	1550	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1730	D	µg/kg dry	1730	1110	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1730	D	µg/kg dry	1730	1020	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1730	D	µg/kg dry	1730	846	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	87,900	D	µg/kg dry	1730	1270	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1730	D	µg/kg dry	1730	661	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1730	D	µg/kg dry	1730	1610	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1730	D	µg/kg dry	1730	542	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*150*	S02		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.7		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231343	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
24-B SB62037-17	183572.4445.0710	Caulk	11-Dec-12 09:34	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 3570	D	µg/kg dry	3570	1780	20	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231275	X
11104-28-2	Aroclor-1221	< 3570	D	µg/kg dry	3570	3220	20	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 3570	D	µg/kg dry	3570	2290	20	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 3570	D	µg/kg dry	3570	2100	20	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 3570	D	µg/kg dry	3570	1750	20	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**132,000**	D	µg/kg dry	3570	1510	20	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 3570	D	µg/kg dry	3570	1370	20	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 3570	D	µg/kg dry	3570	3320	20	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 3570	D	µg/kg dry	3570	1120	20	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**98.6**		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231343	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
24-C [redacted]37-18	183572.4445.0710	Caulk	11-Dec-12 09:40	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 176		µg/kg dry	176	87.9	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231275	X
11104-28-2	Aroclor-1221	< 176		µg/kg dry	176	159	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 176		µg/kg dry	176	113	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 176		µg/kg dry	176	104	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 176		µg/kg dry	176	86.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	24,400		µg/kg dry	176	129	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 176		µg/kg dry	176	67.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 176		µg/kg dry	176	164	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 176		µg/kg dry	176	55.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231343	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
25-A SB62037-19	183572.4445.0710	Caulk	11-Dec-12 11:15	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 305	R01	µg/kg dry	305	153	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231275	X
11104-28-2	Aroclor-1221	< 305	R01	µg/kg dry	305	275	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 305	R01	µg/kg dry	305	196	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 305	R01	µg/kg dry	305	180	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 305	R01	µg/kg dry	305	150	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	473		µg/kg dry	153	112	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 153		µg/kg dry	153	58.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 153		µg/kg dry	153	142	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 153		µg/kg dry	153	47.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.0		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231343	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
25-B [illegible]2037-20	183572.4445.0710	Caulk	11-Dec-12 11:30	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 313	R01	µg/kg dry	313	157	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231275	X
11104-28-2	Aroclor-1221	< 313	R01	µg/kg dry	313	282	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 313	R01	µg/kg dry	313	201	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 313	R01	µg/kg dry	313	185	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 313	R01	µg/kg dry	313	154	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	399		µg/kg dry	157	115	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 157		µg/kg dry	157	60.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 157		µg/kg dry	157	146	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 157		µg/kg dry	157	49.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231343	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
25-C SB62037-21	183572.4445.0710	Caulk	11-Dec-12 11:40	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 312	R01	µg/kg dry	312	156	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231276	X
11104-28-2	Aroclor-1221	< 312	R01	µg/kg dry	312	281	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 312	R01	µg/kg dry	312	200	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 312	R01	µg/kg dry	312	184	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 312	R01	µg/kg dry	312	153	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	522		µg/kg dry	156	114	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 156		µg/kg dry	156	59.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 156		µg/kg dry	156	145	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 156		µg/kg dry	156	49.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231343	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
25-D S[illegible]37-22	183572.4445.0710	Caulk	11-Dec-12 14:10	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 139		µg/kg dry	139	69.3	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231276	X
11104-28-2	Aroclor-1221	< 139		µg/kg dry	139	125	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 139		µg/kg dry	139	89.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 139		µg/kg dry	139	81.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 139		µg/kg dry	139	68.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 277	R01	µg/kg dry	277	203	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 139		µg/kg dry	139	53.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 139		µg/kg dry	139	129	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 139		µg/kg dry	139	43.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	100		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231343	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
26-A SB62037-23	183572.4445.0710	Caulk	11-Dec-12 10:35	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 159		µg/kg dry	159	79.5	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231276	X
11104-28-2	Aroclor-1221	< 159		µg/kg dry	159	143	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 159		µg/kg dry	159	102	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 159		µg/kg dry	159	93.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	4,030		µg/kg dry	159	78.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 159		µg/kg dry	159	117	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	382		µg/kg dry	159	71.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 159		µg/kg dry	159	148	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 159		µg/kg dry	159	49.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.5		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231344	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
26-B [redacted]037-24	183572.4445.0710	Caulk	11-Dec-12 10:45	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 130		µg/kg dry	130	65.1	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231276	X
11104-28-2	Aroclor-1221	< 130		µg/kg dry	130	117	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 130		µg/kg dry	130	83.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 130		µg/kg dry	130	76.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	3,320		µg/kg dry	130	64.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	4,190		µg/kg dry	130	95.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	710		µg/kg dry	130	50.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 130		µg/kg dry	130	121	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 130		µg/kg dry	130	40.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.1		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231344	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
26-C SB62037-25	183572.4445.0710	Caulk	11-Dec-12 10:54	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 129		µg/kg dry	129	64.4	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231276	X
11104-28-2	Aroclor-1221	< 129		µg/kg dry	129	116	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 129		µg/kg dry	129	82.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 129		µg/kg dry	129	76.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	3,110		µg/kg dry	129	63.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	6,640		µg/kg dry	129	94.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	1,170		µg/kg dry	129	49.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 129		µg/kg dry	129	120	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 129		µg/kg dry	129	40.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.3		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231344	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
27-A [redacted]37-26	183572.4445.0710	Caulk	11-Dec-12 10:45	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 135		µg/kg dry	135	67.2	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231276	X
11104-28-2	Aroclor-1221	< 135		µg/kg dry	135	121	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 135		µg/kg dry	135	86.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 135		µg/kg dry	135	79.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 135		µg/kg dry	135	66.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 269	R01	µg/kg dry	269	197	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 269	R01	µg/kg dry	269	103	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 269	R01	µg/kg dry	269	251	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 269	R01	µg/kg dry	269	84.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.1		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231344	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
27-B SB62037-27	183572.4445.0710	Caulk	11-Dec-12 10:52	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 137		µg/kg dry	137	68.6	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231276	X
11104-28-2	Aroclor-1221	< 137		µg/kg dry	137	124	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 137		µg/kg dry	137	88.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 137		µg/kg dry	137	80.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 137		µg/kg dry	137	67.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	2,330		µg/kg dry	137	101	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 275	R01	µg/kg dry	275	105	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 275	R01	µg/kg dry	275	256	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 275	R01	µg/kg dry	275	86.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.3		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231344	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
27-C S[illegible]37-28	183572.4445.0710	Caulk	11-Dec-12 10:55	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 185		µg/kg dry	185	92.7	1	SW846 8082A	19-Dec-12	20-Dec-12	IMR	1231276	X
11104-28-2	Aroclor-1221	< 185		µg/kg dry	185	167	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 185		µg/kg dry	185	119	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 185		µg/kg dry	185	109	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 185		µg/kg dry	185	91.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**1,500**		µg/kg dry	185	136	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 371	R01	µg/kg dry	371	142	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 371	R01	µg/kg dry	371	345	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 371	R01	µg/kg dry	371	116	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**98.5**		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231344	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
29-C SB62037-29	183572.4445.0710	Caulk	10-Dec-12 11:50	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 132		µg/kg dry	132	65.9	1	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231276	X
11104-28-2	Aroclor-1221	< 132		µg/kg dry	132	119	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 132		µg/kg dry	132	84.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 132		µg/kg dry	132	77.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 132		µg/kg dry	132	64.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 264	R01	µg/kg dry	264	194	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 264	R01	µg/kg dry	264	101	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 264	R01	µg/kg dry	264	246	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 264	R01	µg/kg dry	264	82.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231344	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
32-A [redacted]37-30	183572.4445.0710	Caulk	11-Dec-12 13:30	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 161		µg/kg dry	161	80.2	1	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231276	X
11104-28-2	Aroclor-1221	< 161		µg/kg dry	161	145	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 161		µg/kg dry	161	103	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 161		µg/kg dry	161	94.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 161		µg/kg dry	161	78.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 321	R01	µg/kg dry	321	236	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 321	R01	µg/kg dry	321	123	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 321	R01	µg/kg dry	321	299	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 321	R01	µg/kg dry	321	101	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*135*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	98.8		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231344	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
32-B SB62037-31	183572.4445.0710	Caulk	11-Dec-12 13:50	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 154		µg/kg dry	154	77.0	1	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231276	X
11104-28-2	Aroclor-1221	< 154		µg/kg dry	154	139	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 154		µg/kg dry	154	98.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 154		µg/kg dry	154	90.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 154		µg/kg dry	154	75.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 308	R01	µg/kg dry	308	226	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 308	R01	µg/kg dry	308	118	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 308	R01	µg/kg dry	308	287	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 308	R01	µg/kg dry	308	96.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231344	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
32-C [redacted]037-32	183572.4445.0710	Caulk	11-Dec-12 13:45	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 151		µg/kg dry	151	75.4	1	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231276	X
11104-28-2	Aroclor-1221	< 151		µg/kg dry	151	136	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 151		µg/kg dry	151	96.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 151		µg/kg dry	151	88.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 151		µg/kg dry	151	74.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 302	R01	µg/kg dry	302	221	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 302	R01	µg/kg dry	302	116	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 302	R01	µg/kg dry	302	281	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 302	R01	µg/kg dry	302	94.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231344	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
36-C SB62037-33	183572.4445.0710	Glaze	14-Dec-12 13:45	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 135		µg/kg dry	135	67.6	1	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231276	X
11104-28-2	Aroclor-1221	< 135		µg/kg dry	135	122	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 135		µg/kg dry	135	86.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 135		µg/kg dry	135	79.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 135		µg/kg dry	135	66.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,820		µg/kg dry	135	99.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 135		µg/kg dry	135	51.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 135		µg/kg dry	135	126	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 135		µg/kg dry	135	42.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*140*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231344	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
38-C [redacted]37-34	183572.4445.0710	Glaze	11-Dec-12 11:45	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 396000	D	µg/kg dry	396000	198000	2000	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231276	X
11104-28-2	Aroclor-1221	< 396000	D	µg/kg dry	396000	357000	2000	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 396000	D	µg/kg dry	396000	254000	2000	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 396000	D	µg/kg dry	396000	233000	2000	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 396000	D	µg/kg dry	396000	194000	2000	"	"	"	"	"	X
11097-69-1	Aroclor-1254	14,600,000	D	µg/kg dry	396000	291000	2000	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 396000	D	µg/kg dry	396000	152000	2000	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 396000	D	µg/kg dry	396000	369000	2000	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 396000	D	µg/kg dry	396000	124000	2000	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.5		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231344	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
39-A SB62037-35	183572.4445.0710	Glaze	10-Dec-12 13:45	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 109		µg/kg dry	109	54.2	1	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231276	X
11104-28-2	Aroclor-1221	< 109		µg/kg dry	109	97.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 109		µg/kg dry	109	69.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 109		µg/kg dry	109	63.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 109		µg/kg dry	109	53.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	3,380		µg/kg dry	109	79.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	1,730		µg/kg dry	109	41.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 109		µg/kg dry	109	101	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 109		µg/kg dry	109	34.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*140*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231344	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
39-B S[illegible]37-36	183572.4445.0710	Glaze	14-Dec-12 11:21	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 111		µg/kg dry	111	55.6	1	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231276	X
11104-28-2	Aroclor-1221	< 111		µg/kg dry	111	100	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 111		µg/kg dry	111	71.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 111		µg/kg dry	111	65.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 111		µg/kg dry	111	54.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,260		µg/kg dry	111	81.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 111		µg/kg dry	111	42.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 111		µg/kg dry	111	104	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 111		µg/kg dry	111	35.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*145*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231344	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
39-C SB62037-37	183572.4445.0710	Glaze	14-Dec-12 11:35	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 114		µg/kg dry	114	56.8	1	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231276	X
11104-28-2	Aroclor-1221	< 114		µg/kg dry	114	102	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 114		µg/kg dry	114	73.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 114		µg/kg dry	114	67.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 114		µg/kg dry	114	55.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,250		µg/kg dry	114	48.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 114		µg/kg dry	114	43.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 114		µg/kg dry	114	106	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 114		µg/kg dry	114	35.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231344	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
43-A S[illegible]37-38	183572.4445.0710	Glaze	14-Dec-12 08:31	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 136		µg/kg dry	136	67.9	1	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231276	X
11104-28-2	Aroclor-1221	< 136		µg/kg dry	136	122	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 136		µg/kg dry	136	87.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 136		µg/kg dry	136	80.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 136		µg/kg dry	136	66.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 136		µg/kg dry	136	99.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 136		µg/kg dry	136	52.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 136		µg/kg dry	136	127	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 136		µg/kg dry	136	42.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.6		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231344	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
47-A SB62037-39	183572.4445.0710	Glaze	11-Dec-12 10:30	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1610	D	µg/kg dry	1610	806	10	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231276	X
11104-28-2	Aroclor-1221	< 1610	D	µg/kg dry	1610	1450	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1610	D	µg/kg dry	1610	1040	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1610	D	µg/kg dry	1610	950	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1610	D	µg/kg dry	1610	791	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 1610	D	µg/kg dry	1610	1180	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1610	D	µg/kg dry	1610	618	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1610	D	µg/kg dry	1610	1500	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1610	D	µg/kg dry	1610	507	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231344	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
47-B [illegible]037-40	183572.4445.0710	Glaze	11-Dec-12 10:36	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1610	D	µg/kg dry	1610	806	10	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231276	X
11104-28-2	Aroclor-1221	< 1610	D	µg/kg dry	1610	1450	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1610	D	µg/kg dry	1610	1040	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1610	D	µg/kg dry	1610	951	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1610	D	µg/kg dry	1610	792	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 1610	D	µg/kg dry	1610	1180	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1610	D	µg/kg dry	1610	619	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1610	D	µg/kg dry	1610	1500	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1610	D	µg/kg dry	1610	507	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*250*	S02		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231344	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
47-C SB62037-41	183572.4445.0710	Glaze	11-Dec-12 10:41	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R01										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1760	D	µg/kg dry	1760	879	10	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231277	X
11104-28-2	Aroclor-1221	< 1760	D	µg/kg dry	1760	1580	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1760	D	µg/kg dry	1760	1130	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1760	D	µg/kg dry	1760	1040	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1760	D	µg/kg dry	1760	863	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 1760	D	µg/kg dry	1760	1290	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1760	D	µg/kg dry	1760	674	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1760	D	µg/kg dry	1760	1640	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1760	D	µg/kg dry	1760	552	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231344	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
50-C SB62037-42	183572.4445.0710	Glaze	14-Dec-12 12:10	19-Dec-12

No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 189		µg/kg dry	189	94.3	1	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231277	X
11104-28-2	Aroclor-1221	< 189		µg/kg dry	189	170	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 189		µg/kg dry	189	121	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 189		µg/kg dry	189	111	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 189		µg/kg dry	189	92.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**746**		µg/kg dry	189	138	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 189		µg/kg dry	189	72.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 189		µg/kg dry	189	176	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 189		µg/kg dry	189	59.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**98.0**		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231344	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
59-A SB62037-43	183572.4445.0710	Glaze	10-Dec-12 13:20	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 105		µg/kg dry	105	52.3	1	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231277	X
11104-28-2	Aroclor-1221	< 105		µg/kg dry	105	94.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 105		µg/kg dry	105	67.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	1,330		µg/kg dry	105	61.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 105		µg/kg dry	105	51.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 105		µg/kg dry	105	76.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	434		µg/kg dry	105	40.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 105		µg/kg dry	105	97.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 105		µg/kg dry	105	32.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231345	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
59-B [redacted]037-44	183572.4445.0710	Glaze	10-Dec-12 13:25	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 121		µg/kg dry	121	60.4	1	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231277	X
11104-28-2	Aroclor-1221	< 121		µg/kg dry	121	109	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 121		µg/kg dry	121	77.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	2,110		µg/kg dry	121	47.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 121		µg/kg dry	121	59.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 121		µg/kg dry	121	88.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	761		µg/kg dry	121	46.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 121		µg/kg dry	121	113	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 121		µg/kg dry	121	38.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231345	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
59-C SB62037-45	183572.4445.0710	Glaze	10-Dec-12 13:40	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 135		µg/kg dry	135	67.5	1	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231277	X
11104-28-2	Aroclor-1221	< 135		µg/kg dry	135	122	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 135		µg/kg dry	135	86.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	**1,980**		µg/kg dry	135	53.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 135		µg/kg dry	135	66.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 135		µg/kg dry	135	99.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	**966**		µg/kg dry	135	51.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 135		µg/kg dry	135	126	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 135		µg/kg dry	135	42.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.7		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231345	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
60-A S[illegible]037-46	183572.4445.0710	Caulk	11-Dec-12 10:05	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 181		µg/kg dry	181	90.2	1	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231277	X
11104-28-2	Aroclor-1221	< 181		µg/kg dry	181	163	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 181		µg/kg dry	181	116	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 181		µg/kg dry	181	106	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 181		µg/kg dry	181	88.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	10,400		µg/kg dry	181	132	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 181		µg/kg dry	181	69.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 181		µg/kg dry	181	168	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 181		µg/kg dry	181	56.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231345	

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* Reportable Detection Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
60-B SB62037-47	183572.4445.0710	Caulk	11-Dec-12 10:10	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1650	D	µg/kg dry	1650	826	10	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231277	X
11104-28-2	Aroclor-1221	< 1650	D	µg/kg dry	1650	1490	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1650	D	µg/kg dry	1650	1060	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1650	D	µg/kg dry	1650	974	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1650	D	µg/kg dry	1650	811	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	26,900	D	µg/kg dry	1650	1210	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1650	D	µg/kg dry	1650	634	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1650	D	µg/kg dry	1650	1540	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1650	D	µg/kg dry	1650	519	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231345	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
60-C [illegible]037-48	183572.4445.0710	Caulk	11-Dec-12 10:11	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 182		µg/kg dry	182	90.8	1	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231277	X
11104-28-2	Aroclor-1221	< 182		µg/kg dry	182	164	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 182		µg/kg dry	182	117	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 182		µg/kg dry	182	107	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 182		µg/kg dry	182	89.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	23,500		µg/kg dry	182	133	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 182		µg/kg dry	182	69.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 182		µg/kg dry	182	169	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 182		µg/kg dry	182	57.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231345	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
61-A SB62037-49	183572.4445.0710	Caulk	11-Dec-12 13:15	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 155		µg/kg dry	155	77.2	1	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231277	X
11104-28-2	Aroclor-1221	< 155		µg/kg dry	155	139	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 155		µg/kg dry	155	99.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 155		µg/kg dry	155	91.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 155		µg/kg dry	155	75.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 309	R01	µg/kg dry	309	227	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 309	R01	µg/kg dry	309	118	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 309	R01	µg/kg dry	309	268	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 309	R01	µg/kg dry	309	97.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231345	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
61-B	183572.4445.0710	Caulk	11-Dec-12 13:22	19-Dec-12
SB62037-50				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 127		µg/kg dry	127	63.5	1	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231277	X
11104-28-2	Aroclor-1221	< 127		µg/kg dry	127	115	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 127		µg/kg dry	127	81.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 127		µg/kg dry	127	74.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 127		µg/kg dry	127	62.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 254	R01	µg/kg dry	254	187	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 254	R01	µg/kg dry	254	97.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 254	R01	µg/kg dry	254	237	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 254	R01	µg/kg dry	254	79.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231345	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
61-C SB62037-51	183572.4445.0710	Caulk	11-Dec-12 13:24	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 196		µg/kg dry	196	97.8	1	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231277	X
11104-28-2	Aroclor-1221	< 196		µg/kg dry	196	176	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 196		µg/kg dry	196	126	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 196		µg/kg dry	196	115	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 196		µg/kg dry	196	96.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 392	R01	µg/kg dry	392	287	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 392	R01	µg/kg dry	392	150	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 392	R01	µg/kg dry	392	365	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 392	R01	µg/kg dry	392	123	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231345	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
62-A [illegible]2037-52	183572.4445.0710	Glaze	11-Dec-12 15:00	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 19700	D	µg/kg dry	19700	9830	100	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231277	X
11104-28-2	Aroclor-1221	< 19700	D	µg/kg dry	19700	17700	100	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 19700	D	µg/kg dry	19700	12600	100	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 19700	D	µg/kg dry	19700	11600	100	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 19700	D	µg/kg dry	19700	9650	100	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**1,960,000**	D	µg/kg dry	19700	14400	100	"	"	"	"	"	X
11096-82-5	Aroclor-1260	**695,000**	D	µg/kg dry	19700	7540	100	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 19700	D	µg/kg dry	19700	18300	100	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 19700	D	µg/kg dry	19700	6170	100	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**97.6**		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231345	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
62-B SB62037-53	183572.4445.0710	Glaze	11-Dec-12 15:06	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 16700	D	µg/kg dry	16700	8330	100	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231277	X
11104-28-2	Aroclor-1221	< 16700	D	µg/kg dry	16700	15000	100	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 16700	D	µg/kg dry	16700	10700	100	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 16700	D	µg/kg dry	16700	9820	100	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 16700	D	µg/kg dry	16700	8180	100	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**2,640,000**	D	µg/kg dry	16700	7070	100	"	"	"	"	"	X
11096-82-5	Aroclor-1260	**474,000**	D	µg/kg dry	16700	6390	100	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 16700	D	µg/kg dry	16700	15500	100	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 16700	D	µg/kg dry	16700	5230	100	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.0		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231345	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
62-C SP62037-54	183572.4445.0710	Glaze	11-Dec-12 15:20	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 376000	D	µg/kg dry	376000	188000	2000	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231277	X
11104-28-2	Aroclor-1221	< 376000	D	µg/kg dry	376000	339000	2000	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 376000	D	µg/kg dry	376000	242000	2000	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 376000	D	µg/kg dry	376000	222000	2000	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 376000	D	µg/kg dry	376000	185000	2000	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**28,600,000**	D	µg/kg dry	376000	276000	2000	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 376000	D	µg/kg dry	376000	144000	2000	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 376000	D	µg/kg dry	376000	351000	2000	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 376000	D	µg/kg dry	376000	118000	2000	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	95.4		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231345	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
34-A SB62037-55	183572.4445.0710	Caulk	18-Dec-12 13:27	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1060	D	µg/kg dry	1060	529	10	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231277	X
11104-28-2	Aroclor-1221	< 1060	D	µg/kg dry	1060	954	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1060	D	µg/kg dry	1060	680	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1060	D	µg/kg dry	1060	624	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	46,000	D	µg/kg dry	1060	520	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 1060	D	µg/kg dry	1060	777	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1060	D	µg/kg dry	1060	406	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1060	D	µg/kg dry	1060	988	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1060	D	µg/kg dry	1060	332	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.5		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231345	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
34-B S[illegible]937-56	183572.4445.0710	Caulk	18-Dec-12 13:23	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1530	D	µg/kg dry	1530	765	10	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231277	X
11104-28-2	Aroclor-1221	< 1530	D	µg/kg dry	1530	1380	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1530	D	µg/kg dry	1530	983	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1530	D	µg/kg dry	1530	902	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1530	D	µg/kg dry	1530	751	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	43,200	D	µg/kg dry	1530	1120	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1530	D	µg/kg dry	1530	587	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1530	D	µg/kg dry	1530	1430	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1530	D	µg/kg dry	1530	481	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.6		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231345	

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* Reportable Detection Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
48-A SB62037-57	183572.4445.0710	Glaze	18-Dec-12 13:20	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 144		µg/kg dry	144	72.0	1	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231277	X
11104-28-2	Aroclor-1221	< 144		µg/kg dry	144	130	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 144		µg/kg dry	144	92.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 144		µg/kg dry	144	84.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 144		µg/kg dry	144	70.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	11,300		µg/kg dry	144	61.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	2,670		µg/kg dry	144	64.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 144		µg/kg dry	144	134	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 144		µg/kg dry	144	45.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.6		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231345	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
48-B S[illegible]037-58	183572.4445.0710	Glaze	18-Dec-12 13:15	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 121		µg/kg dry	121	60.3	1	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231277	X
11104-28-2	Aroclor-1221	< 121		µg/kg dry	121	109	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 121		µg/kg dry	121	77.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 121		µg/kg dry	121	71.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 121		µg/kg dry	121	59.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	8,440		µg/kg dry	121	51.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	2,480		µg/kg dry	121	53.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 121		µg/kg dry	121	112	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 121		µg/kg dry	121	37.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231345	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
33-A SB62037-59	183572.4445.0710	Caulk	18-Dec-12 13:17	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 164		µg/kg dry	164	81.7	1	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231277	X
11104-28-2	Aroclor-1221	< 164		µg/kg dry	164	147	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 164		µg/kg dry	164	105	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 164		µg/kg dry	164	96.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 164		µg/kg dry	164	80.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	6,710		µg/kg dry	164	120	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 164		µg/kg dry	164	62.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 164		µg/kg dry	164	152	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 164		µg/kg dry	164	51.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231345	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
33-B [illegible]2037-60	183572.4445.0710	Caulk	18-Dec-12 13:21	19-Dec-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 110		µg/kg dry	110	54.7	1	SW846 8082A	19-Dec-12	21-Dec-12	IMR	1231277	X
11104-28-2	Aroclor-1221	< 110		µg/kg dry	110	98.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 110		µg/kg dry	110	70.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 110		µg/kg dry	110	64.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 110		µg/kg dry	110	53.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	5,760		µg/kg dry	110	80.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 110		µg/kg dry	110	42.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 110		µg/kg dry	110	102	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 110		µg/kg dry	110	34.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	20-Dec-12	20-Dec-12	DT	1231345	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1231275 - SW846 3540C										
Blank (1231275-BLK1)						Prepared: 19-Dec-12 Analyzed: 20-Dec-12				
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
LCS (1231275-BS1)						Prepared: 19-Dec-12 Analyzed: 20-Dec-12				
Aroclor-1016	**264**		µg/kg wet	20.0	250		106	40-140		
Aroclor-1016 [2C]	**255**		µg/kg wet	20.0	250		102	40-140		
Aroclor-1260	**270**		µg/kg wet	20.0	250		108	40-140		
Aroclor-1260 [2C]	**237**		µg/kg wet	20.0	250		95	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*24.0*		µg/kg wet		*20.0*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
LCS Dup (1231275-BSD1)						Prepared: 19-Dec-12 Analyzed: 20-Dec-12				
Aroclor-1016	**272**		µg/kg wet	20.0	250		109	40-140	3	30
Aroclor-1016 [2C]	**254**		µg/kg wet	20.0	250		102	40-140	0.4	30
Aroclor-1260	**267**		µg/kg wet	20.0	250		107	40-140	1	30
Aroclor-1260 [2C]	**238**		µg/kg wet	20.0	250		95	40-140	0.4	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Duplicate (1231275-DUP1)			**Source: SB62037-04**			Prepared: 19-Dec-12 Analyzed: 20-Dec-12				
Aroclor-1016	< 165		µg/kg dry	165		BRL				30
Aroclor-1016 [2C]	< 165		µg/kg dry	165		BRL				30
Aroclor-1221	< 165		µg/kg dry	165		BRL				30
Aroclor-1221 [2C]	< 165		µg/kg dry	165		BRL				30
Aroclor-1232	< 165		µg/kg dry	165		BRL				30
Aroclor-1232 [2C]	< 165		µg/kg dry	165		BRL				30
Aroclor-1242	< 165		µg/kg dry	165		BRL				30
Aroclor-1242 [2C]	< 165		µg/kg dry	165		BRL				30
Aroclor-1248	< 165		µg/kg dry	165		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1231275 - SW846 3540C										
Duplicate (1231275-DUP1)			Source: SB62037-04		Prepared: 19-Dec-12 Analyzed: 20-Dec-12					
Aroclor-1248 [2C]	< 165		µg/kg dry	165		BRL				30
Aroclor-1254	**535**		µg/kg dry	165		569			6	30
Aroclor-1254 [2C]	**469**		µg/kg dry	165		569			19	30
Aroclor-1260	**593**		µg/kg dry	165		639			8	30
Aroclor-1260 [2C]	**617**		µg/kg dry	165		490			23	30
Aroclor-1262	< 165		µg/kg dry	165		BRL				30
Aroclor-1262 [2C]	< 165		µg/kg dry	165		BRL				30
Aroclor-1268	< 165		µg/kg dry	165		BRL				30
Aroclor-1268 [2C]	< 165		µg/kg dry	165		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*173*		µg/kg dry		*165*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*198*		µg/kg dry		*165*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*214*		µg/kg dry		*165*		*130*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*173*		µg/kg dry		*165*		*105*	*30-150*		
Matrix Spike (1231275-MS1)			Source: SB62037-04		Prepared: 19-Dec-12 Analyzed: 20-Dec-12					
Aroclor-1016	**3040**		µg/kg dry	201	2510	BRL	121	40-140		
Aroclor-1016 [2C]	**2770**		µg/kg dry	2D1	2510	BRL	110	40-140		
Aroclor-1260	**3140**		µg/kg dry	2D1	2510	639	100	40-140		
Aroclor-1260 [2C]	**2980**		µg/kg dry	201	2510	490	99	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*251*		µg/kg dry		*201*		*125*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*251*		µg/kg dry		*201*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*281*		µg/kg dry		*201*		*140*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*261*		µg/kg dry		*201*		*130*	*30-150*		
Matrix Spike Dup (1231275-MSD1)			Source: SB62037-04		Prepared: 19-Dec-12 Analyzed: 20-Dec-12					
Aroclor-1016	**1850**		µg/kg dry	144	1790	BRL	103	40-140	16	30
Aroclor-1016 [2C]	**1820**		µg/kg dry	144	1790	BRL	101	40-140	9	30
Aroclor-1260	**2250**		µg/kg dry	144	1790	639	90	40-140	10	30
Aroclor-1260 [2C]	**2110**		µg/kg dry	144	1790	490	90	40-140	9	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*151*		µg/kg dry		*144*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*158*		µg/kg dry		*144*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*187*		µg/kg dry		*144*		*130*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*165*		µg/kg dry		*144*		*115*	*30-150*		
Batch 1231276 - SW846 3540C										
Blank (1231276-BLK1)					Prepared: 19-Dec-12 Analyzed: 20-Dec-12					
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1231276 - SW846 3540C										
Blank (1231276-BLK1)					Prepared: 19-Dec-12 Analyzed: 20-Dec-12					
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
LCS (1231276-BS1)					Prepared: 19-Dec-12 Analyzed: 20-Dec-12					
Aroclor-1016	**257**		µg/kg wet	20.0	250		103	40-140		
Aroclor-1016 [2C]	**264**		µg/kg wet	20.0	250		106	40-140		
Aroclor-1260	**239**		µg/kg wet	20.0	250		96	40-140		
Aroclor-1260 [2C]	**221**		µg/kg wet	20.0	250		88	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
LCS Dup (1231276-BSD1)					Prepared: 19-Dec-12 Analyzed: 20-Dec-12					
Aroclor-1016	**252**		µg/kg wet	20.0	250		101	40-140	2	30
Aroclor-1016 [2C]	**270**		µg/kg wet	20.0	250		108	40-140	2	30
Aroclor-1260	**232**		µg/kg wet	20.0	250		93	40-140	3	30
Aroclor-1260 [2C]	**213**		µg/kg wet	20.0	250		85	40-140	4	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Duplicate (1231276-DUP1)			**Source: SB62037-23**			Prepared: 19-Dec-12 Analyzed: 20-Dec-12				
Aroclor-1016	< 107		µg/kg dry	107		BRL				30
Aroclor-1016 [2C]	< 107		µg/kg dry	107		BRL				30
Aroclor-1221	< 107		µg/kg dry	107		BRL				30
Aroclor-1221 [2C]	< 107		µg/kg dry	107		BRL				30
Aroclor-1232	< 107		µg/kg dry	107		BRL				30
Aroclor-1232 [2C]	< 107		µg/kg dry	107		BRL				30
Aroclor-1242	< 107		µg/kg dry	107		BRL				30
Aroclor-1242 [2C]	< 107		µg/kg dry	107		BRL				30
Aroclor-1248	**2460**	QM4	µg/kg dry	107		4030			48	30
Aroclor-1248 [2C]	**2340**	QM4	µg/kg dry	107		3740			46	30
Aroclor-1254	< 107		µg/kg dry	107		BRL				30
Aroclor-1254 [2C]	< 107		µg/kg dry	107		BRL				30
Aroclor-1260	**257**	QM4	µg/kg dry	107		374			37	30
Aroclor-1260 [2C]	**252**	QM4	µg/kg dry	107		382			41	30
Aroclor-1262	< 107		µg/kg dry	107		BRL				30
Aroclor-1262 [2C]	< 107		µg/kg dry	107		BRL				30
Aroclor-1268	< 107		µg/kg dry	107		BRL				30
Aroclor-1288 [2C]	< 107		µg/kg dry	107		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*123*		µg/kg dry		*107*		*115*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*59.0*		µg/kg dry		*107*		*55*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*134*		µg/kg dry		*107*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*134*		µg/kg dry		*107*		*125*	*30-150*		
Matrix Spike (1231276-MS1)			**Source: SB62037-23**			Prepared: 19-Dec-12 Analyzed: 20-Dec-12				
Aroclor-1016	**5150**	QM7	µg/kg dry	129	1620	BRL	318	40-140		
Aroclor-1016 [2C]	**3660**	QM7	µg/kg dry	129	1620	BRL	226	40-140		
Aroclor-1260	**2730**	QM7	µg/kg dry	129	1620	374	146	40-140		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1231276 - SW846 3540C										
Matrix Spike (1231276-MS1)			Source: SB62037-23		Prepared: 19-Dec-12		Analyzed: 20-Dec-12			
Aroclor-1260 [2C]	**2380**		µg/kg dry	129	1620	382	124	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*194*		µg/kg dry		*129*		*150*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*123*		µg/kg dry		*129*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*214*	S02	µg/kg dry		*129*		*165*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*142*		µg/kg dry		*129*		*110*	*30-150*		
Matrix Spike Dup (1231276-MSD1)			Source: SB62037-23		Prepared: 19-Dec-12		Analyzed: 20-Dec-12			
Aroclor-1016	**3290**	QM7, QR5	µg/kg dry	140	1740	BRL	189	40-140	51	30
Aroclor-1016 [2C]	**3250**	QM7	µg/kg dry	140	1740	BRL	186	40-140	19	30
Aroclor-1260	**2290**		µg/kg dry	140	1740	374	110	40-140	28	30
Aroclor-1260 [2C]	**1670**	QR5	µg/kg dry	140	1740	382	74	40-140	51	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*202*		µg/kg dry		*140*		*145*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*140*		µg/kg dry		*140*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*223*	S02	µg/kg dry		*140*		*160*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*153*		µg/kg dry		*140*		*110*	*30-150*		
Batch 1231277 - SW846 3540C										
Blank (1231277-BLK1)					Prepared: 19-Dec-12		Analyzed: 21-Dec-12			
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*27.0*		µg/kg wet		*20.0*		*135*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
LCS (1231277-BS1)					Prepared: 19-Dec-12		Analyzed: 21-Dec-12			
Aroclor-1016	**276**		µg/kg wet	20.0	250		110	40-140		
Aroclor-1016 [2C]	**252**		µg/kg wet	20.0	250		101	40-140		
Aroclor-1260	**238**		µg/kg wet	20.0	250		95	40-140		
Aroclor-1260 [2C]	**213**		µg/kg wet	20.0	250		85	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
LCS Dup (1231277-BSD1)					Prepared: 19-Dec-12		Analyzed: 21-Dec-12			
Aroclor-1016	**264**		µg/kg wet	20.0	250		106	40-140	4	30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1231277 - SW846 3540C										
LCS Dup (1231277-BSD1)					Prepared: 19-Dec-12 Analyzed: 21-Dec-12					
Aroclor-1016 [2C]	**258**		µg/kg wet	20.0	250		103	40-140	2	30
Aroclor-1260	**239**		µg/kg wet	20.0	250		96	40-140	0.4	30
Aroclor-1260 [2C]	**215**		µg/kg wet	20.0	250		86	40-140	0.9	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Duplicate (1231277-DUP1)			Source: SB62037-45		Prepared: 19-Dec-12 Analyzed: 21-Dec-12					
Aroclor-1016	< 151		µg/kg dry	151		BRL				30
Aroclor-1016 [2C]	< 151		µg/kg dry	151		BRL				30
Aroclor-1221	< 151		µg/kg dry	151		BRL				30
Aroclor-1221 [2C]	< 151		µg/kg dry	151		BRL				30
Aroclor-1232	< 151		µg/kg dry	151		BRL				30
Aroclor-1232 [2C]	< 151		µg/kg dry	151		BRL				30
Aroclor-1242	**1980**		µg/kg dry	151		1890			5	30
Aroclor-1242 [2C]	**2070**		µg/kg dry	151		1980			5	30
Aroclor-1248	< 151		µg/kg dry	151		BRL				30
Aroclor-1248 [2C]	< 151		µg/kg dry	151		BRL				30
Aroclor-1254	< 151		µg/kg dry	151		BRL				30
Aroclor-1254 [2C]	< 151		µg/kg dry	151		BRL				30
Aroclor-1260	**927**		µg/kg dry	151		966			4	30
Aroclor-1260 [2C]	**912**		µg/kg dry	151		959			5	30
Aroclor-1262	< 151		µg/kg dry	151		BRL				30
Aroclor-1262 [2C]	< 151		µg/kg dry	151		BRL				30
Aroclor-1268	< 151		µg/kg dry	151		BRL				30
Aroclor-1268 [2C]	< 151		µg/kg dry	151		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*166*		µg/kg dry		*151*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*181*		µg/kg dry		*151*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*173*		µg/kg dry		*151*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*143*		µg/kg dry		*151*		*95*	*30-150*		
Matrix Spike (1231277-MS1)			Source: SB62037-45		Prepared: 19-Dec-12 Analyzed: 21-Dec-12					
Aroclor-1016	**3560**	QM3	µg/kg dry	149	1860	BRL	191	40-140		
Aroclor-1016 [2C]	**3270**	QM3	µg/kg dry	149	1860	BRL	176	40-140		
Aroclor-1260	**2850**		µg/kg dry	149	1860	966	101	40-140		
Aroclor-1260 [2C]	**2600**		µg/kg dry	149	1860	959	88	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*208*		µg/kg dry		*149*		*140*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*186*		µg/kg dry		*149*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*208*		µg/kg dry		*149*		*140*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*127*		µg/kg dry		*149*		*85*	*30-150*		
Matrix Spike Dup (1231277-MSD1)			Source: SB62037-45		Prepared: 19-Dec-12 Analyzed: 21-Dec-12					
Aroclor-1016	**3310**	QM3	µg/kg dry	127	1590	BRL	208	40-140	8	30
Aroclor-1016 [2C]	**3400**	QM3	µg/kg dry	127	1590	BRL	214	40-140	20	30
Aroclor-1260	**2550**		µg/kg dry	127	1590	966	99	40-140	2	30
Aroclor-1260 [2C]	**2430**		µg/kg dry	127	1590	959	93	40-140	5	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*166*		µg/kg dry		*127*		*130*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*172*		µg/kg dry		*127*		*135*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*159*		µg/kg dry		*127*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*134*		µg/kg dry		*127*		*105*	*30-150*		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1231343 - General Preparation										
Duplicate (1231343-DUP1)			Source: SB62037-03			Prepared & Analyzed: 20-Dec-12				
% Solids	99.2		%			99.4			0.2	20
Batch 1231344 - General Preparation										
Duplicate (1231344-DUP1)			Source: SB62037-23			Prepared & Analyzed: 20-Dec-12				
% Solids	97.0		%			97.5			0.5	20

Notes and Definitions

D	Data reported from a dilution
GS1	Sample dilution required for high concentration of target analytes to be within the instrument calibration range.
QM3	Multiple analyses indicate the percent recovery exceeds the Quality Control acceptance criteria due to a matrix effect.
QM4	Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR5	RPD out of acceptance range.
R01	The Reporting Limit has been raised to account for matrix interference.
S01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
June O'Connor
Kimberly Wisk

CT DAS Rates Apply ✓ SB 62037 By

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CHAIN OF CUSTODY RECORD

Page 1 of 6

Special Handling:
- ☒ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Henry Lalibote
Telephone #: 860-798-5689
Project Mgr. Henry Lalibote

Invoice To: Same
P.O. No.: C183572 RQN:

Project No.: 183572.4445.0710
Site Name: BIA - Mur - Windsor
Location: Murphy Terminal State: CT
Sampler(s): M Kostrub, G Kaczynski, T Martin

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= Cold 12=

List preservative code below: 11

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Caulk X2= Sliqze X3=

G=Grab C=Composite

Containers: # of VOA Vials; # of Amber Glass; # of Clear Glass; # of Plastic; 8082/3540 C

Analyses: 8082/3540 C

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540 C	Analyses	State-specific reporting standards:
62037 01	SS-2	12/14/12	1100	G	X1		1			X		Silver Silicone - 2nd Flr
02	SS-3		1155									Silver Silicone - 3rd Flr
03	4-C		1100									C4 - ground Flr - Int
04	20-A		1022									C20 - Ext, Bsmt, South
05	20-B		1024									C20 - Ext, Bsmt, South
06	20-C		1028									C20 - Ext, Bsmt, South
07	21-A		1015									C21 - Ext, Rbside, bsmt
08	21-B		1014									C21 - Ext, Rbside, bsmt
09	21-C		1018									C21 - Ext, Rbside, bsmt
10	22-A		0950									C22 - Ext, grad Flr, South

Relinquished by:	Received by:	Date:	Time:	Temp°C
		12/18/12 1650	12/18/12 1650	
		12/19/12	12/19/12 1010	2.4

☐ EDD Format
☒ E-mail to H Lalibote@trcsolutions.com

Condition upon receipt: ☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

CT DAS Rates Apply. SB62037 Gy

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CHAIN OF CUSTODY RECORD

Page 2 of 6

Special Handling:
- ☒ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: _____

Same as page 1

Telephone #: _____

Project Mgr. _____

Invoice To: _____

P.O. No.: _____ RQN: _____

Project No.: 183572.4445.0710

Site Name: BIA - Murphy Terminal

Location: Windsor State: CT

Sampler(s): MK, ~~HB~~ GK, TM

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= Cold 12= _____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Caulk X2= Glaze X3= _____

G=Grab C=Composite

List preservative code below: 11

Containers: # of VOA Vials | # of Amber Glass | # of Clear Glass | # of Plastic | 8260C/3540C

Analyses:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8260C/3540C
62037-11	22-B	12/11/12	0910	G	X1			1		X
12	22-C		0855					1		
13	23-A	12/14/12	0955				1			
14	23-B		1010				1			
15	23-C	12/11/12	0844					1		
16	24-A		0930					1		
17	24-B		0934					1		
18	24-C		0940					1		
19	25-A		1115				1			
20	25-B		1130				1			

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report: Yes ☒ No ☐
CT DPH RCP Report: Yes ☐ No ☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NYASP A* ☐ NYASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other _____

State-specific reporting standards:

C22-Cond Flr, Ext, Public Side
C22-Cond Flr, Ext, Public Side
C22A-Cond Flr, Ext, Side A, Escalator
C22A-Cond Flr, Ext, Side A, Bus
C22A-Bus, East, Cond Flr
C23-Ext, Wicked Sidb
C23-Ext, Wicked Sidb
C23-Ext, Wicked Sidb
C24-Ext, office area 20/30
C24-Ext, office area 20/30

Relinquished by:	Received by:	Date:	Time:	Temp°C
		12/18/12	1630	
		12/19/12	10:30	
		12/19/12	1510	21

☐ EDD Format _____

☐ E-mail to _____

Condition upon receipt:
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

CT PAS Rates Apply / SB 62037 Dy

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 3 of 6

Special Handling:
- ☒ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: _____
Same as Page 1
Telephone #: _____
Project Mgr. _____

Invoice To: _____
P.O. No.: _____ RQN: _____

Project No.: 18352.4445.0710
Site Name: BIA - Murphy Tommel
Location: Windsor State: CT
Sampler(s): MK, GK, TM

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= cold 12= _____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Cwik X2= Glare X3= _____

G=Grab C=Composite

List preservative code below: 11

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report: Yes ☐ No ☐
CT DPH RCP Report: Yes ☒ No ☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other _____

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/8540C								State-specific reporting standards:
62037-21	25-C	12/11/12	1140	G	X1		1			X								C24-Ext, other Area, 2nd Fl
22	25-D		1410				1											C24-Ext, 1st Flr Rear, Near S.P.
23	26-A		1035				1	1										C25-Ext, 2nd Flr, Sky Lounge
24	26B		1045				1	1										C25-Ext, 2nd Flr, Sky Lounge
25	26-C		1054				1											C25-2nd Flr, Ext, Sky Lounge
26	27-A		1045				1											C26, Ext, AA
27	27-B		1052				1											C26, Ext, AA
28	27-C		1055				1											C26, Ext, AA
29	29-C	12/10/12	1150					1										C28-Ext, 3rd Flr, Near Wall
30	32-A	12/11/12	1330				1											C31-Ext, 1st Flr Front, East S.P.

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	12/18/12	1650	
[signature]	[signature]	12/19/12	1010	2.1

☐ EDD Format _____
☐ E-mail to _____

Condition upon receipt:
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

CT DQA Rules Apply ✓ SB 62037 By

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 4 of 6

Special Handling:
- ☒ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: _____
Sanexus Page 1
Telephone #: _____
Project Mgr. _____

Invoice To: _____
P.O. No.: _____ RQN: _____

Project No.: 183572.4445.0710
Site Name: BIA-Murphy Terminal
Location: Windsor State: CT
Sampler(s): MK, GK, TM

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10= H_3PO_4 11= Cold 12=

List preservative code below: 11

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Caulk X2= glaze X3= _____

G=Grab C=Composite

Containers: # of VOA Vials; # of Amber Glass; # of Clear Glass; # of Plastic; Soil/35%oC

Analyses:

MA DEP MCP CAM Report: Yes ☐ No ☐
CT DPH RCP Report: Yes ☒ No ☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other _____

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Soil/35%oC	State-specific reporting standards:
62037-31	32-B	12/11/12	1550	G	X1		1			X	C31-Ext, 1st Flr Rout, EQ+S.P.
32	32-C		1345				1				C31-Ext, 1st Flr Rout, NDPH S.P.
33	36-C	12/14/12	1345		X2		1				WG2-1st Flr, Int, Exc 12+21
34	38-C	12/11/12	1145				1				WG4-Ext, Wickwire Lab
35	39-A	12/10/12	1345				1	1			WG5-Int, 2nd Flr, Rm 50
36	39-B	12/14/12	1121				1				WG5-Int, S.P., 2nd Flr, Rm 305
37	39-C		1135				1				WG5-Int, S.P., 2nd Flr, hallway
38	43-A	12/14/12	0831				1				WG9-Ext, 2nd Flr rout, over S.P.
39	47-A	12/11/12	1030				1				WG13-Ext, AA
40	47-B		1036				1				WG13-Ext, AA

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	12/12/12	1650	
		12/10/12	1510	2.1

☐ EDD Format _____
☐ E-mail to _____

Condition upon receipt:
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

CT DAS RAHs Apply 1SB62037 Sy

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 5 of 6

Special Handling:
- ☒ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Samples Place I

Telephone #:

Project Mgr.

Invoice To:

P.O. No.: RQN:

Project No.: 183572.4445.0710

Site Name: BFA - Murphy Terminal

Location: Windsor State: CT

Sampler(s): MK, GK, TM

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10= H_3PO_4 11= cold 12=

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Cault X2= Glaze X3=

G=Grab C=Composite

List preservative code below: 11

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report: Yes ☒ No ☐
CT DPH RCP Report: Yes ☒ No ☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	X8260/3540C	Analyses:	State-specific reporting standards:
62037-41	47-C	12/11/12	1041	G	X2	6	1			X		W613-Ext, AA
42	50-C	12/14/12	1210			6	1					DWG-1-Int, 3rd Flr Hallway
43	59-A	12/10/12	1320					1				W65A-Int, 3rd Flr Rm 504
44	59-B		1325					1				W65A-Int, 3rd Flr Rm 504
45	59-C		1340					1				W65A-Int, 3rd Flr Rm 504
46	60-A	12/11/12	1005		X1			1				C36-Ext, Wicked Subs
47	60-B		1010					1				C36-Ext, Wicked Subs
48	60-C		1011					1				C36-Ext, Wicked Subs.
49	61-A		1315				1					C31A-Ext-1st Flr Rear, North S.P
50	61-B		1322				1					C31A-Ext-1st Flr Rear, North S.P.

Relinquished by:	Received by:	Date:	Time:	Temp°C
		12/18/12	1650	
		12/19/12	1800	
		12/19/12	1810	21

☐ EDD Format _____

☐ E-mail to _____

Condition upon receipt:
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

CT DAS Rates Apply SB62037 Em

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 6 of 6

Special Handling:
- ☑ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: _____
Samples part 1
Telephone #: _____
Project Mgr. _____

Invoice To: _____
P.O. No.: _____ RQN: _____

Project No.: 183572.4445.0710
Site Name: BEA - Murphy Terminal
Location: Windsor State: CT
Sampler(s): MK, GK, TM

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= Cold 12=

List preservative code below: 11

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Caulk X2= Sliver X3= _____

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic, Sense/35Yoc

Analyses:

MA DEP MCP CAM Report: Yes ☐ No ☐
CT DPH RCP Report: Yes ☑ No ☐

QA/QC Reporting Level
☑ Standard ☐ No QC ☐ DQA*
☐ NYASP A* ☐ NYASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other _____

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Sense/35Yoc	State-specific reporting standards
62037-S1	61-C	12/11/12	1334	G	X1		1			✓	C31A-Ext, 1st flr Rest, North S.P.
S2	62-A		1500		X2		1				Wlb-Ext, Gas, Rm 2nd B - 2nd flr
S3	62-B		1506				1				Wlb-Ext, Sky Lounge, 2nd flr
S4	62-C		1520				1				Wlb-Conf Rm, 2nd flr, Ext.
S5	34-A	12/8/12	1327		X1		1				C-33-Ext, Post 14
S6	34-B		1323				1				C33-
S7	48-A		1320		X2		1				Wb-14-
S8	48-B		1315				1				Wb-14-
S9	33-A		1317		X1		1				C32-
60	33-B		1321				1				C32-

Relinquished by:	Received by:	Date:	Time:	Temp°C
		12/8/12	1650	
		12/10/12	1859	21

☐ EDD Format _____
☐ E-mail to _____

Condition upon receipt:
☐ Ambient ☐ Iced ☑ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Report Date:
04-Oct-13 13:34

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: Conn DOT - Windsor Locks, CT
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB77815-01	1-W613	Caulk	01-Oct-13 09:10	02-Oct-13 17:40
SB77815-02	2-W613	Caulk	01-Oct-13 09:15	02-Oct-13 17:40
SB77815-03	3-W613	Caulk	01-Oct-13 09:20	02-Oct-13 17:40
SB77815-04	4-W610	Caulk	01-Oct-13 09:38	02-Oct-13 17:40
SB77815-05	5-W610	Caulk	01-Oct-13 09:41	02-Oct-13 17:40

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 12 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: Conn DOT - Windsor Locks, CT

Project Number: 183572.4445.0710

Sampling Date(s):
10/1/2013

Laboratory Sample ID(s):
SB77815-01 through SB77815-05

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	Yes	✓ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	✓ Yes	No

Note: **For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."**

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 10/4/2013

CASE NARRATIVE:

The samples were received -0.1 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8082A

Spikes:

1323830-MSD1 *Source: SB77815-05*

The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

Aroclor-1016
Aroclor-1016 [2C]

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

4,4-DB-Octafluorobiphenyl (Sr)

Sample Acceptance Check Form

Client:	TRC - Windsor, CT
Project:	Conn DOT - Windsor Locks, CT / 183572.4445.0710
Work Order:	SB77815
Sample(s) received on:	10/2/2013
Received by:	Jessica Hoffman

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
1. Were custody seals present?	☐	☑	☐
2. Were custody seals intact?	☐	☐	☑
3. Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
4. Were samples cooled on ice upon transfer to laboratory representative?	☐	☑	☐
5. Were samples refrigerated upon transfer to laboratory representative?	☑	☐	☐
6. Were sample containers received intact?	☑	☐	☐
7. Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
8. Were samples accompanied by a Chain of Custody document?	☑	☐	☐
9. Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☑	☐	☐
10. Did sample container labels agree with Chain of Custody document?	☑	☐	☐
11. Were samples received within method-specific holding times?	☑	☐	☐

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1-W613 [illegible]815-01	183572.4445.0710	Caulk	01-Oct-13 09:10	02-Oct-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 181		µg/kg dry	181	136	1	SW846 8082A	02-Oct-13	03-Oct-13	BLM	1323830	X
11104-28-2	Aroclor-1221	< 181		µg/kg dry	181	163	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 181		µg/kg dry	181	116	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 181		µg/kg dry	181	109	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 181		µg/kg dry	181	94.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 181		µg/kg dry	181	151	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 181		µg/kg dry	181	113	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 181		µg/kg dry	181	169	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 181		µg/kg dry	181	74.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	03-Oct-13	03-Oct-13	DT	1323923	

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* Reportable Detection Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
2-W613	183572.4445.0710	Caulk	01-Oct-13 09:15	02-Oct-13
SB77815-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 149		µg/kg dry	149	111	1	SW846 8082A	02-Oct-13	03-Oct-13	BLM	1323830	X
11104-28-2	Aroclor-1221	< 149		µg/kg dry	149	134	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 149		µg/kg dry	149	95.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 149		µg/kg dry	149	89.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 149		µg/kg dry	149	77.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 149		µg/kg dry	149	124	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 149		µg/kg dry	149	92.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 149		µg/kg dry	149	138	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 149		µg/kg dry	149	61.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.7		%			1	SM2540 G Mod.	03-Oct-13	03-Oct-13	DT	1323923	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
3-W613 [illegible]15-03	183572.4445.0710	Caulk	01-Oct-13 09:20	02-Oct-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 112		µg/kg dry	112	83.3	1	SW846 8082A	02-Oct-13	03-Oct-13	BLM	1323830	X
11104-28-2	Aroclor-1221	< 112		µg/kg dry	112	100	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 112		µg/kg dry	112	71.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 112		µg/kg dry	112	67.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 112		µg/kg dry	112	58.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 112		µg/kg dry	112	93.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 112		µg/kg dry	112	69.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 112		µg/kg dry	112	104	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 112		µg/kg dry	112	46.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*30*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*145*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	03-Oct-13	03-Oct-13	DT	1323923	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
4-W610	183572.4445.0710	Caulk	01-Oct-13 09:38	02-Oct-13
SB77815-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 128		µg/kg dry	128	95.6	1	SW846 8082A	02-Oct-13	03-Oct-13	BLM	1323830	X
11104-28-2	Aroclor-1221	< 128		µg/kg dry	128	115	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 128		µg/kg dry	128	82.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 128		µg/kg dry	128	77.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 128		µg/kg dry	128	66.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 128		µg/kg dry	128	107	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 128		µg/kg dry	128	79.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 128		µg/kg dry	128	119	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 128		µg/kg dry	128	52.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*135*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*40*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*40*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	03-Oct-13	03-Oct-13	DT	1323923	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
5-W610 [illegible]815-05	183572.4445.0710	Caulk	01-Oct-13 09:41	02-Oct-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 167		µg/kg dry	167	125	1	SW846 8082A	02-Oct-13	03-Oct-13	BLM	1323830	X
11104-28-2	Aroclor-1221	< 167		µg/kg dry	167	151	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 167		µg/kg dry	167	107	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 167		µg/kg dry	167	101	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 167		µg/kg dry	167	86.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 167		µg/kg dry	167	139	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 167		µg/kg dry	167	104	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 167		µg/kg dry	167	156	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 167		µg/kg dry	167	69.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	03-Oct-13	03-Oct-13	DT	1323923	

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* Reportable Detection Limit

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1323830 - SW846 3540C										
Blank (1323830-BLK1)					Prepared: 02-Oct-13 Analyzed: 03-Oct-13					
Aroclor-1016	< 200		µg/kg wet	200						
Aroclor-1016 [2C]	< 200		µg/kg wet	200						
Aroclor-1221	< 200		µg/kg wet	200						
Aroclor-1221 [2C]	< 200		µg/kg wet	200						
Aroclor-1232	< 200		µg/kg wet	200						
Aroclor-1232 [2C]	< 200		µg/kg wet	200						
Aroclor-1242	< 200		µg/kg wet	200						
Aroclor-1242 [2C]	< 200		µg/kg wet	200						
Aroclor-1248	< 200		µg/kg wet	200						
Aroclor-1248 [2C]	< 200		µg/kg wet	200						
Aroclor-1254	< 200		µg/kg wet	200						
Aroclor-1254 [2C]	< 200		µg/kg wet	200						
Aroclor-1260	< 200		µg/kg wet	200						
Aroclor-1260 [2C]	< 200		µg/kg wet	200						
Aroclor-1262	< 200		µg/kg wet	200						
Aroclor-1262 [2C]	< 200		µg/kg wet	200						
Aroclor-1268	< 200		µg/kg wet	200						
Aroclor-1268 [2C]	< 200		µg/kg wet	200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*200*		µg/kg wet		*200*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*190*		µg/kg wet		*200*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*180*		µg/kg wet		*200*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*170*		µg/kg wet		*200*		*85*	*30-150*		
LCS (1323830-BS1)					Prepared: 02-Oct-13 Analyzed: 03-Oct-13					
Aroclor-1016	**2370**		µg/kg wet	200	2500		95	40-140		
Aroclor-1016 [2C]	**2300**		µg/kg wet	200	2500		92	40-140		
Aroclor-1260	**2350**		µg/kg wet	200	2500		94	40-140		
Aroclor-1260 [2C]	**2560**		µg/kg wet	200	2500		102	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*200*		µg/kg wet		*200*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*190*		µg/kg wet		*200*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*170*		µg/kg wet		*200*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*170*		µg/kg wet		*200*		*85*	*30-150*		
LCS Dup (1323830-BSD1)					Prepared: 02-Oct-13 Analyzed: 03-Oct-13					
Aroclor-1016	**2340**		µg/kg wet	200	2500		94	40-140	1	30
Aroclor-1016 [2C]	**2300**		µg/kg wet	200	2500		92	40-140	0	30
Aroclor-1260	**2330**		µg/kg wet	200	2500		93	40-140	0.9	30
Aroclor-1260 [2C]	**2560**		µg/kg wet	200	2500		102	40-140	0	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*190*		µg/kg wet		*200*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*190*		µg/kg wet		*200*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*170*		µg/kg wet		*200*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*170*		µg/kg wet		*200*		*85*	*30-150*		
Duplicate (1323830-DUP1)			**Source: SB77815-05**			Prepared: 02-Oct-13 Analyzed: 03-Oct-13				
Aroclor-1016	< 155		µg/kg dry	155		BRL				30
Aroclor-1016 [2C]	< 155		µg/kg dry	155		BRL				30
Aroclor-1221	< 155		µg/kg dry	155		BRL				30
Aroclor-1221 [2C]	< 155		µg/kg dry	155		BRL				30
Aroclor-1232	< 155		µg/kg dry	155		BRL				30
Aroclor-1232 [2C]	< 155		µg/kg dry	155		BRL				30
Aroclor-1242	< 155		µg/kg dry	155		BRL				30
Aroclor-1242 [2C]	< 155		µg/kg dry	155		BRL				30
Aroclor-1248	< 155		µg/kg dry	155		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1323830 - SW846 3540C										
Duplicate (1323830-DUP1)			Source: SB77815-05			Prepared: 02-Oct-13 Analyzed: 03-Oct-13				
Aroclor-1248 [2C]	< 155		µg/kg dry	155		BRL				30
Aroclor-1254	< 155		µg/kg dry	155		BRL				30
Aroclor-1254 [2C]	< 155		µg/kg dry	155		BRL				30
Aroclor-1260	< 155		µg/kg dry	155		BRL				30
Aroclor-1260 [2C]	< 155		µg/kg dry	155		BRL				30
Aroclor-1262	< 155		µg/kg dry	155		BRL				30
Aroclor-1262 [2C]	< 155		µg/kg dry	155		BRL				30
Aroclor-1268	< 155		µg/kg dry	155		BRL				30
Aroclor-1268 [2C]	< 155		µg/kg dry	155		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*179*		µg/kg dry		*155*		*115*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*148*		µg/kg dry		*155*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*46.6*		µg/kg dry		*155*		*30*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*77.7*		µg/kg dry		*155*		*50*	*30-150*		
Matrix Spike (1323830-MS1)			Source: SB77815-05			Prepared: 02-Oct-13 Analyzed: 03-Oct-13				
Aroclor-1016	**1500**		µg/kg dry	188	2350	BRL	64	40-140		
Aroclor-1016 [2C]	**3280**		µg/kg dry	188	2350	BRL	139	40-140		
Aroclor-1260	**1990**		µg/kg dry	188	2350	BRL	84	40-140		
Aroclor-1260 [2C]	**1360**		µg/kg dry	188	2350	BRL	58	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*282*		µg/kg dry		*188*		*150*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*160*		µg/kg dry		*188*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*94.2*		µg/kg dry		*188*		*50*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*65.9*		µg/kg dry		*188*		*35*	*30-150*		
Matrix Spike Dup (1323830-MSD1)			Source: SB77815-05			Prepared: 02-Oct-13 Analyzed: 03-Oct-13				
Aroclor-1016	**1720**	QR2	µg/kg dry	142	1770	BRL	97	40-140	41	30
Aroclor-1016 [2C]	**1710**	QR2	µg/kg dry	142	1770	BRL	96	40-140	36	30
Aroclor-1260	**1710**		µg/kg dry	142	1770	BRL	96	40-140	13	30
Aroclor-1260 [2C]	**859**		µg/kg dry	142	1770	BRL	48	40-140	17	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*362*	S02	µg/kg dry		*142*		*255*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*177*		µg/kg dry		*142*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*121*		µg/kg dry		*142*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*128*		µg/kg dry		*142*		*90*	*30-150*		

Notes and Definitions

QR2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
Kimberly Wisk
Rebecca Merz

Utilize CT RCP Rates

/ DB77815 R4

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 2 Day TAT
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: TRC Environmental Corp
21 Griffin Rd, North
Windsor, CT 06095

Telephone #: 860-298-9692
Project Mgr. Henry Lalibarte

Invoice To: (See Report)

P.O. No.: C183572 RQN:

Project No.: 183572.4445.0710
Site Name: ConDOT-BIA-Murphy Terminal
Location: Windsor Locks State: CT
Sampler(s): G. Kaczynski

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10= H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= crock X2= X3=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540C							
SDTRIS-01	1-W613	10/1/13	0910	G	X1			1		X							
-02	2-W613	10/1/13	0915							X							
-03	3-W613		0920							X							
-04	4-W610		0938				1			X							
-05	5-W610		0941							X							

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

MA DEP MCP CAM Report: Yes ☐ No ☐
CT DPH RCP Report: Yes ☒ No ☐

State-specific reporting standards:
Extension - 15th Ave - outlate 62A-C
Hall 2C window

09/11/01 IR

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	10/2/13	0951	
[signature]	[signature]	10/2/13	1740	

☐ EDD Format
☒ E-mail to HLalibarte@TRCsolutions.com
GKaczynski@TRCsolutions.com

Condition upon receipt: ☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

APPENDIX I

PCB SUBSTRATE AND GROUND COVER ANALYSIS DATA

Report Date:
03-Sep-13 14:53

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY
Laboratory Report

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

#1
Concourse A

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: BIA-Concourse A-Windsor Locks, CT
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB75688-01	CA-CO1	Concrete	22-Aug-13 11:35	27-Aug-13 10:40
SB75688-02	CA-CO2	Concrete	22-Aug-13 11:28	27-Aug-13 10:40
SB75688-03	CA-CO3	Concrete	22-Aug-13 11:40	27-Aug-13 10:40
SB75688-04	CA-CO4	Concrete	22-Aug-13 14:18	27-Aug-13 10:40
SB75688-05	CA-CO5	Concrete	22-Aug-13 14:10	27-Aug-13 10:40
SB75688-06	CA-CO6	Concrete	22-Aug-13 14:25	27-Aug-13 10:40
SB75688-07	CA-CO7	Concrete	22-Aug-13 15:00	27-Aug-13 10:40
SB75688-08	CA-CO8	Concrete	22-Aug-13 15:04	27-Aug-13 10:40
SB75688-09	CA-CO9	Concrete	22-Aug-13 15:06	27-Aug-13 10:40
SB75688-10	CA-CO10	Concrete	22-Aug-13 15:07	27-Aug-13 10:40
SB75688-11	CA-CO11	Concrete	22-Aug-13 15:07	27-Aug-13 10:40
SB75688-12	CA-CO12	Concrete	22-Aug-13 15:09	27-Aug-13 10:40
SB75688-13	CA-CO 13	Concrete	22-Aug-13 15:34	27-Aug-13 10:40
SB75688-14	CA-CO 14	Concrete	22-Aug-13 15:37	27-Aug-13 10:40
SB75688-15	CA-CO 15	Concrete	23-Aug-13 10:48	27-Aug-13 10:40
SB75688-16	CA-CO 16	Concrete	23-Aug-13 10:50	27-Aug-13 10:40
SB75688-17	CA-CO 17	Concrete	23-Aug-13 10:53	27-Aug-13 10:40
SB75688-18	CA-CO 18	Concrete	23-Aug-13 10:56	27-Aug-13 10:40
SB75688-19	CA-CO 19	Concrete	23-Aug-13 10:59	27-Aug-13 10:40
SB75688-20	CA-CO 20	Concrete	23-Aug-13 11:03	27-Aug-13 10:40
SB75688-21	CA-CO 21	Concrete	23-Aug-13 11:07	27-Aug-13 10:40
SB75688-22	CA-CO 22	Concrete	23-Aug-13 11:11	27-Aug-13 10:40
SB75688-23	CA-CO 23	Concrete	23-Aug-13 11:25	27-Aug-13 10:40
SB75688-24	CA-CO 24	Concrete	23-Aug-13 11:28	27-Aug-13 10:40
SB75688-25	CA-CO 25	Concrete	23-Aug-13 11:31	27-Aug-13 10:40
SB75688-26	CA-CO 26	Concrete	23-Aug-13 11:34	27-Aug-13 10:40
SB75688-27	CA-CO 27	Concrete	23-Aug-13 11:37	27-Aug-13 10:40
SB75688-28	CA-CO 28	Concrete	23-Aug-13 11:40	27-Aug-13 10:40
SB75688-29	CA-CO 29	Concrete	23-Aug-13 11:43	27-Aug-13 10:40
SB75688-30	CA-CO 30	Concrete	23-Aug-13 13:40	27-Aug-13 10:40
SB75688-31	CA-CO 31	Concrete	23-Aug-13 13:43	27-Aug-13 10:40
SB75688-32	CA-CO 32	Concrete	23-Aug-13 13:46	27-Aug-13 10:40
SB75688-33	CA-CO 33	Concrete	23-Aug-13 13:49	27-Aug-13 10:40
SB75688-34	CA-CO 34	Concrete	23-Aug-13 13:53	27-Aug-13 10:40
SB75688-35	CA-CO 35	Concrete	23-Aug-13 13:54	27-Aug-13 10:40
SB75688-36	CA-CO 36	Concrete	23-Aug-13 14:01	27-Aug-13 10:40
SB75688-37	CA-CO 37	Concrete	23-Aug-13 14:05	27-Aug-13 10:40

SB75688-38	CA-CO 38	Concrete	23-Aug-13 14:08	27-Aug-13 10:40
SB75688-39	CA-CO 39	Concrete	23-Aug-13 14:12	27-Aug-13 10:40
SB75688-40	CA-CO 40	Concrete	23-Aug-13 14:17	27-Aug-13 10:40
SB75688-41	CA-CO 41	Concrete	23-Aug-13 14:21	27-Aug-13 10:40
SB75688-42	CA-CO 42	Concrete	23-Aug-13 14:25	27-Aug-13 10:40
SB75688-43	CA-CO 43	Concrete	23-Aug-13 15:05	27-Aug-13 10:40
SB75688-44	CA-CO 44	Concrete	23-Aug-13 15:09	27-Aug-13 10:40
SB75688-45	CA-CO 45	Concrete	23-Aug-13 15:13	27-Aug-13 10:40
SB75688-46	CA-CO 46	Concrete	23-Aug-13 15:18	27-Aug-13 10:40
SB75688-47	CA-CO 47	Concrete	23-Aug-13 15:22	27-Aug-13 10:40
SB75688-48	CA-CO 48	Concrete	23-Aug-13 15:30	27-Aug-13 10:40
SB75688-49	CA-S1	Soil	22-Aug-13 13:12	27-Aug-13 10:40
SB75688-50	CA-S2	Soil	22-Aug-13 13:15	27-Aug-13 10:40
SB75688-51	CA-S3	Soil	22-Aug-13 13:18	27-Aug-13 10:40
SB75688-52	CA-S4	Soil	22-Aug-13 13:34	27-Aug-13 10:40
SB75688-53	CA-S5	Soil	22-Aug-13 13:38	27-Aug-13 10:40
SB75688-54	CA-S6	Soil	22-Aug-13 13:42	27-Aug-13 10:40
SB75688-55	CA-S7	Soil	22-Aug-13 13:50	27-Aug-13 10:40
SB75688-56	CA-S8	Soil	22-Aug-13 13:50	27-Aug-13 10:40
SB75688-57	CA-S9	Soil	23-Aug-13 09:55	27-Aug-13 10:40
SB75688-58	CA-S10	Soil	23-Aug-13 09:56	27-Aug-13 10:40
SB75688-59	CA-S11	Soil	23-Aug-13 09:58	27-Aug-13 10:40
SB75688-60	CA-A1	Asphalt	22-Aug-13 14:33	27-Aug-13 10:40
SB75688-61	CA-A2	Asphalt	22-Aug-13 15:45	27-Aug-13 10:40
SB75688-62	CA-A3	Asphalt	23-Aug-13 11:46	27-Aug-13 10:40
SB75688-63	CA-C5-SHR 1-0"	Sheetrock	22-Aug-13 10:15	27-Aug-13 10:40
SB75688-64	CA-C6-CM1-0"	Concrete	22-Aug-13 10:12	27-Aug-13 10:40
SB75688-65	CA-C6-CM1-3"	Concrete	22-Aug-13 10:08	27-Aug-13 10:40
SB75688-66	CA-C6-CM1-6"	Concrete	22-Aug-13 10:04	27-Aug-13 10:40
SB75688-67	CA-C6-CM1-12"	Concrete	22-Aug-13 10:00	27-Aug-13 10:40
SB75688-68	CA-C6-CM2-0"	Concrete	22-Aug-13 11:07	27-Aug-13 10:40
SB75688-69	CA-C6-CM2-3"	Concrete	22-Aug-13 11:04	27-Aug-13 10:40
SB75688-70	CA-C6-CM2-6"	Concrete	22-Aug-13 11:00	27-Aug-13 10:40
SB75688-71	CA-C6-CM2-12"	Concrete	22-Aug-13 10:56	27-Aug-13 10:40
SB75688-72	CA-C8-BR1-0"	Brick	23-Aug-13 10:42	27-Aug-13 10:40
SB75688-73	CA-C8-BR2-0"	Brick	23-Aug-13 13:00	27-Aug-13 10:40
SB75688-74	CA-WCA-CT1-0"	Ceramic	22-Aug-13 10:28	27-Aug-13 10:40
SB75688-75	CA-WCA-CT1-3"	Ceramic	22-Aug-13 10:24	27-Aug-13 10:40
SB75688-76	CA-WCA-CO1-0"	Concrete	22-Aug-13 14:55	27-Aug-13 10:40
SB75688-77	CA-WCA-CO1-3"	Concrete	22-Aug-13 14:53	27-Aug-13 10:40
SB75688-78	CA-WCA-CO2-0"	Concrete	22-Aug-13 15:32	27-Aug-13 10:40
SB75688-79	CA-WCA-CO2-3"	Concrete	22-Aug-13 15:27	27-Aug-13 10:40
SB75688-80	CA-WCA-BR1-0"	Brick	23-Aug-13 10:38	27-Aug-13 10:40
SB75688-81	CA-WCA-BR1-3"	Brick	23-Aug-13 10:35	27-Aug-13 10:40
SB75688-82	CA-WCA-BR2-0"	Brick	23-Aug-13 13:06	27-Aug-13 10:40
SB75688-83	CA-WCA-BR2-3"	Brick	23-Aug-13 13:03	27-Aug-13 10:40
SB75688-84	CA-WCA-CM1-0"	Concrete	22-Aug-13 10:45	27-Aug-13 10:40
SB75688-85	CA-WCA-CM1-3"	Concrete	22-Aug-13 10:42	27-Aug-13 10:40
SB75688-86	CA-WCA-CM2-0"	Concrete	22-Aug-13 14:51	27-Aug-13 10:40
SB75688-87	CA-WCA-CM2-3"	Concrete	22-Aug-13 14:49	27-Aug-13 10:40
SB75688-88	CA-WCA-CM2-6"	Concrete	22-Aug-13 14:45	27-Aug-13 10:40
SB75688-89	CA-WCA-GB1-0"	Concrete	22-Aug-13 09:33	27-Aug-13 10:40

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 107 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: BIA-Concourse A-Windsor Locks, CT

Project Number: 183572.4445.0710

Sampling Date(s):
8/22/2013 through 8/23/2013

Laboratory Sample ID(s):
SB75688-01 through SB75688-90

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	Yes	✓ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	✓ Yes	No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 9/3/2013

CASE NARRATIVE:

The samples were received 4.0 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8082A

Samples:

SB75688-56 *CA-S8*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr)

SB75688-66 *CA-C6-CM1-6"*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB75688-68 *CA-C6-CM2-0"*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB75688-69 *CA-C6-CM2-3"*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

Sample Acceptance Check Form

Client:	TRC - Windsor, CT
Project:	BIA-Concourse A-Windsor Locks, CT / 183572.4445.0710
Work Order:	SB75688
Sample(s) received on:	8/27/2013
Received by:	Jessica Hoffman

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
1. Were custody seals present?	☐	☑	☐
2. Were custody seals intact?	☐	☐	☑
3. Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
4. Were samples cooled on ice upon transfer to laboratory representative?	☐	☑	☐
5. Were samples refrigerated upon transfer to laboratory representative?	☑	☐	☐
6. Were sample containers received intact?	☑	☐	☐
7. Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
8. Were samples accompanied by a Chain of Custody document?	☑	☐	☐
9. Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☑	☐	☐
10. Did sample container labels agree with Chain of Custody document?	☑	☐	☐
11. Were samples received within method-specific holding times?	☑	☐	☐

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO1	183572.4445.0710	Concrete	22-Aug-13 11:35	27-Aug-13
SB75688-01				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert*
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 55.0		µg/kg dry	55.0	41.1	1	SW846 8082A	27-Aug-13	30-Aug-13	IMR	1320625	X
11104-28-2	Aroclor-1221	< 55.0		µg/kg dry	55.0	49.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 55.0		µg/kg dry	55.0	35.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 55.0		µg/kg dry	55.0	33.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 55.0		µg/kg dry	55.0	28.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 55.0		µg/kg dry	55.0	45.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 55.0		µg/kg dry	55.0	34.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 55.0		µg/kg dry	55.0	51.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 55.0		µg/kg dry	55.0	22.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.1		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320714	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO2 SP75688-02	183572.4445.0710	Concrete	22-Aug-13 11:28	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 53.0		µg/kg dry	53.0	39.6	1	SW846 8082A	27-Aug-13	30-Aug-13	IMR	1320625	X
11104-28-2	Aroclor-1221	< 53.0		µg/kg dry	53.0	47.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 53.0		µg/kg dry	53.0	34.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 53.0		µg/kg dry	53.0	31.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 53.0		µg/kg dry	53.0	27.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 53.0		µg/kg dry	53.0	44.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 53.0		µg/kg dry	53.0	32.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 53.0		µg/kg dry	53.0	49.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 53.0		µg/kg dry	53.0	21.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.0		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320714	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO3 SB75688-03	183572.4445.0710	Concrete	22-Aug-13 11:40	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cer
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.2		µg/kg dry	60.2	45.0	1	SW846 8082A	27-Aug-13	30-Aug-13	IMR	1320625	X
11104-28-2	Aroclor-1221	< 60.2		µg/kg dry	60.2	54.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.2		µg/kg dry	60.2	38.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.2		µg/kg dry	60.2	36.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.2		µg/kg dry	60.2	31.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.2		µg/kg dry	60.2	50.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.2		µg/kg dry	60.2	37.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.2		µg/kg dry	60.2	56.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.2		µg/kg dry	60.2	24.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.0		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320714	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO4 S[illegible]688-04	183572.4445.0710	Concrete	22-Aug-13 14:18	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 54.0		µg/kg dry	54.0	40.3	1	SW846 8082A	27-Aug-13	30-Aug-13	IMR	1320625	X
11104-28-2	Aroclor-1221	< 54.0		µg/kg dry	54.0	48.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 54.0		µg/kg dry	54.0	34.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 54.0		µg/kg dry	54.0	32.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 54.0		µg/kg dry	54.0	28.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 54.0		µg/kg dry	54.0	45.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 54.0		µg/kg dry	54.0	33.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 54.0		µg/kg dry	54.0	50.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 54.0		µg/kg dry	54.0	22.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	95.7		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320714	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO5				
SB75688-05	183572.4445.0710	Concrete	22-Aug-13 14:10	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.3		µg/kg dry	62.3	46.6	1	SW846 8082A	27-Aug-13	30-Aug-13	IMR	1320625	X
11104-28-2	Aroclor-1221	< 62.3		µg/kg dry	62.3	56.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.3		µg/kg dry	62.3	40.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.3		µg/kg dry	62.3	37.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.3		µg/kg dry	62.3	32.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.3		µg/kg dry	62.3	52.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.3		µg/kg dry	62.3	38.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.3		µg/kg dry	62.3	58.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.3		µg/kg dry	62.3	25.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.8		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320714	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO6	183572.4445.0710	Concrete	22-Aug-13 14:25	27-Aug-13
SP75688-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.2		µg/kg dry	61.2	45.7	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320626	X
11104-28-2	Aroclor-1221	< 61.2		µg/kg dry	61.2	55.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.2		µg/kg dry	61.2	39.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.2		µg/kg dry	61.2	36.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.2		µg/kg dry	61.2	31.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 61.2		µg/kg dry	61.2	51.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.2		µg/kg dry	61.2	37.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.2		µg/kg dry	61.2	57.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.2		µg/kg dry	61.2	25.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.7		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320714	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO7 SB75688-07	183572.4445.0710	Concrete	22-Aug-13 15:00	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.1		µg/kg dry	61.1	45.6	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320626	X
11104-28-2	Aroclor-1221	< 61.1		µg/kg dry	61.1	55.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.1		µg/kg dry	61.1	39.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.1		µg/kg dry	61.1	36.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.1		µg/kg dry	61.1	31.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 61.1		µg/kg dry	61.1	50.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.1		µg/kg dry	61.1	37.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.1		µg/kg dry	61.1	56.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.1		µg/kg dry	61.1	25.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.5		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320714	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO8	183572.4445.0710	Concrete	22-Aug-13 15:04	27-Aug-13
SB75688-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.6		µg/kg dry	65.6	49.0	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320626	X
11104-28-2	Aroclor-1221	< 65.6		µg/kg dry	65.6	59.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.6		µg/kg dry	65.6	42.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.6		µg/kg dry	65.6	39.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.6		µg/kg dry	65.6	34.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 65.6		µg/kg dry	65.6	54.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.6		µg/kg dry	65.6	40.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.6		µg/kg dry	65.6	61.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.6		µg/kg dry	65.6	27.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.7		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320714	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO9	183572.4445.0710	Concrete	22-Aug-13 15:06	27-Aug-13
SB75688-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 54.0		µg/kg dry	54.0	40.4	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320626	X
11104-28-2	Aroclor-1221	< 54.0		µg/kg dry	54.0	48.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 54.0		µg/kg dry	54.0	34.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 54.0		µg/kg dry	54.0	32.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 54.0		µg/kg dry	54.0	28.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 54.0		µg/kg dry	54.0	45.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 54.0		µg/kg dry	54.0	33.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 54.0		µg/kg dry	54.0	50.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 54.0		µg/kg dry	54.0	22.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.7		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320714	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO10	183572.4445.0710	Concrete	22-Aug-13 15:07	27-Aug-13
SB75688-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.5		µg/kg dry	63.5	47.4	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320626	X
11104-28-2	Aroclor-1221	< 63.5		µg/kg dry	63.5	57.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.5		µg/kg dry	63.5	40.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.5		µg/kg dry	63.5	38.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.5		µg/kg dry	63.5	33.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.5		µg/kg dry	63.5	52.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.5		µg/kg dry	63.5	39.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.5		µg/kg dry	63.5	59.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.5		µg/kg dry	63.5	26.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.0		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320714	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO11	183572.4445.0710	Concrete	22-Aug-13 15:07	27-Aug-13
SB75688-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.1		µg/kg dry	57.1	42.6	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320626	X
11104-28-2	Aroclor-1221	< 57.1		µg/kg dry	57.1	51.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.1		µg/kg dry	57.1	36.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.1		µg/kg dry	57.1	34.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.1		µg/kg dry	57.1	29.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 57.1		µg/kg dry	57.1	47.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.1		µg/kg dry	57.1	35.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 57.1		µg/kg dry	57.1	53.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.1		µg/kg dry	57.1	23.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.9		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320714	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO12	183572.4445.0710	Concrete	22-Aug-13 15:09	27-Aug-13
SD75688-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.1		µg/kg dry	57.1	42.6	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320626	X
11104-28-2	Aroclor-1221	< 57.1		µg/kg dry	57.1	51.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.1		µg/kg dry	57.1	36.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.1		µg/kg dry	57.1	34.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.1		µg/kg dry	57.1	29.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 57.1		µg/kg dry	57.1	47.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.1		µg/kg dry	57.1	35.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1282	< 57.1		µg/kg dry	57.1	53.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.1		µg/kg dry	57.1	23.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.3		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320714	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 13	183572.4445.0710	Concrete	22-Aug-13 15:34	27-Aug-13
SB75688-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.1		µg/kg dry	65.1	48.6	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320626	X
11104-28-2	Aroclor-1221	< 65.1		µg/kg dry	65.1	58.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.1		µg/kg dry	65.1	41.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.1		µg/kg dry	65.1	39.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.1		µg/kg dry	65.1	33.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 65.1		µg/kg dry	65.1	54.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.1		µg/kg dry	65.1	40.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.1		µg/kg dry	65.1	60.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.1		µg/kg dry	65.1	26.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.6		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320714	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 14	183572.4445.0710	Concrete	22-Aug-13 15:37	27-Aug-13
SB75688-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 51.8		µg/kg dry	51.8	38.7	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320626	X
11104-28-2	Aroclor-1221	< 51.8		µg/kg dry	51.8	46.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 51.8		µg/kg dry	51.8	33.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 51.8		µg/kg dry	51.8	31.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 51.8		µg/kg dry	51.8	26.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 51.8		µg/kg dry	51.8	43.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 51.8		µg/kg dry	51.8	32.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 51.8		µg/kg dry	51.8	48.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 51.8		µg/kg dry	51.8	21.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.6		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320714	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 15 SB75688-15	183572.4445.0710	Concrete	23-Aug-13 10:48	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.9		µg/kg dry	61.9	46.2	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320626	X
11104-28-2	Aroclor-1221	< 61.9		µg/kg dry	61.9	55.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.9		µg/kg dry	61.9	39.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.9		µg/kg dry	61.9	37.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.9		µg/kg dry	61.9	32.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 61.9		µg/kg dry	61.9	51.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.9		µg/kg dry	61.9	38.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.9		µg/kg dry	61.9	57.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.9		µg/kg dry	61.9	25.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.5		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320714	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 16 SP75688-16	183572.4445.0710	Concrete	23-Aug-13 10:50	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.3		µg/kg dry	61.3	45.8	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320626	X
11104-28-2	Aroclor-1221	< 61.3		µg/kg dry	61.3	55.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.3		µg/kg dry	61.3	39.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.3		µg/kg dry	61.3	36.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.3		µg/kg dry	61.3	31.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 61.3		µg/kg dry	61.3	51.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.3		µg/kg dry	61.3	38.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.3		µg/kg dry	61.3	57.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.3		µg/kg dry	61.3	25.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.5		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320714	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 17	183572.4445.0710	Concrete	23-Aug-13 10:53	27-Aug-13
SB75688-17				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.5		µg/kg dry	60.5	45.2	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320626	X
11104-28-2	Aroclor-1221	< 60.5		µg/kg dry	60.5	54.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.5		µg/kg dry	60.5	38.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.5		µg/kg dry	60.5	36.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.5		µg/kg dry	60.5	31.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.5		µg/kg dry	60.5	50.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.5		µg/kg dry	60.5	37.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.5		µg/kg dry	60.5	56.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.5		µg/kg dry	60.5	24.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.0		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320714	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 18 SD75688-18	183572.4445.0710	Concrete	23-Aug-13 10:56	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.4		µg/kg dry	59.4	44.4	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320628	X
11104-28-2	Aroclor-1221	< 59.4		µg/kg dry	59.4	53.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.4		µg/kg dry	59.4	38.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.4		µg/kg dry	59.4	35.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.4		µg/kg dry	59.4	30.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 59.4		µg/kg dry	59.4	49.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 59.4		µg/kg dry	59.4	36.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.4		µg/kg dry	59.4	55.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.4		µg/kg dry	59.4	24.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.6		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320714	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 19 SB75688-19	183572.4445.0710	Concrete	23-Aug-13 10:59	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.4		µg/kg dry	59.4	44.4	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320626	X
11104-28-2	Aroclor-1221	< 59.4		µg/kg dry	59.4	53.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.4		µg/kg dry	59.4	38.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.4		µg/kg dry	59.4	35.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.4		µg/kg dry	59.4	30.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 59.4		µg/kg dry	59.4	49.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 59.4		µg/kg dry	59.4	36.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.4		µg/kg dry	59.4	55.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.4		µg/kg dry	59.4	24.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.2		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320714	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 20	183572.4445.0710	Concrete	23-Aug-13 11:03	27-Aug-13
688-20				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.5		µg/kg dry	59.5	44.5	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320626	X
11104-28-2	Aroclor-1221	< 59.5		µg/kg dry	59.5	53.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.5		µg/kg dry	59.5	38.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.5		µg/kg dry	59.5	35.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.5		µg/kg dry	59.5	30.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 59.5		µg/kg dry	59.5	49.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 59.5		µg/kg dry	59.5	36.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.5		µg/kg dry	59.5	55.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.5		µg/kg dry	59.5	24.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.5		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320714	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 21	183572.4445.0710	Concrete	23-Aug-13 11:07	27-Aug-13
SB75688-21				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.7		µg/kg dry	64.7	48.3	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320626	X
11104-28-2	Aroclor-1221	< 64.7		µg/kg dry	64.7	58.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.7		µg/kg dry	64.7	41.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.7		µg/kg dry	64.7	38.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.7		µg/kg dry	64.7	33.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.7		µg/kg dry	64.7	53.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.7		µg/kg dry	64.7	40.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.7		µg/kg dry	64.7	60.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.7		µg/kg dry	64.7	26.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320715	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 22 [illegible]688-22	183572.4445.0710	Concrete	23-Aug-13 11:11	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.1		µg/kg dry	62.1	46.4	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320626	X
11104-28-2	Aroclor-1221	< 62.1		µg/kg dry	62.1	55.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.1		µg/kg dry	62.1	39.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.1		µg/kg dry	62.1	37.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.1		µg/kg dry	62.1	32.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.1		µg/kg dry	62.1	51.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.1		µg/kg dry	62.1	38.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.1		µg/kg dry	62.1	57.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.1		µg/kg dry	62.1	25.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320715	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 23 SB75688-23	183572.4445.0710	Concrete	23-Aug-13 11:25	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 53.7		µg/kg dry	53.7	40.1	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320626	X
11104-28-2	Aroclor-1221	< 53.7		µg/kg dry	53.7	48.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 53.7		µg/kg dry	53.7	34.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 53.7		µg/kg dry	53.7	32.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 53.7		µg/kg dry	53.7	27.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 53.7		µg/kg dry	53.7	44.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 53.7		µg/kg dry	53.7	33.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 53.7		µg/kg dry	53.7	50.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 53.7		µg/kg dry	53.7	22.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320715	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 24 [redacted]688-24	183572.4445.0710	Concrete	23-Aug-13 11:28	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.7		µg/kg dry	64.7	48.3	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320626	X
11104-28-2	Aroclor-1221	< 64.7		µg/kg dry	64.7	58.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.7		µg/kg dry	64.7	41.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.7		µg/kg dry	64.7	38.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.7		µg/kg dry	64.7	33.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.7		µg/kg dry	64.7	53.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.7		µg/kg dry	64.7	40.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.7		µg/kg dry	64.7	60.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.7		µg/kg dry	64.7	26.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.7		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320715	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 25	183572.4445.0710	Concrete	23-Aug-13 11:31	27-Aug-13
SB75688-25				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.8		µg/kg dry	57.8	43.2	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320626	X
11104-28-2	Aroclor-1221	< 57.8		µg/kg dry	57.8	52.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.8		µg/kg dry	57.8	37.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.8		µg/kg dry	57.8	34.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.8		µg/kg dry	57.8	30.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 57.8		µg/kg dry	57.8	48.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.8		µg/kg dry	57.8	35.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 57.8		µg/kg dry	57.8	53.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.8		µg/kg dry	57.8	23.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320715	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 26 [illegible]688-26	183572.4445.0710	Concrete	23-Aug-13 11:34	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 67.2		µg/kg dry	67.2	50.2	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320629	X
11104-28-2	Aroclor-1221	< 67.2		µg/kg dry	67.2	60.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 67.2		µg/kg dry	67.2	43.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 67.2		µg/kg dry	67.2	40.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 67.2		µg/kg dry	67.2	35.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 67.2		µg/kg dry	67.2	56.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 67.2		µg/kg dry	67.2	41.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 67.2		µg/kg dry	67.2	62.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 67.2		µg/kg dry	67.2	27.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.6		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320715	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 27 SB75688-27	183572.4445.0710	Concrete	23-Aug-13 11:37	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.7		µg/kg dry	65.7	49.1	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320629	X
11104-28-2	Aroclor-1221	< 65.7		µg/kg dry	65.7	59.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.7		µg/kg dry	65.7	42.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.7		µg/kg dry	65.7	39.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.7		µg/kg dry	65.7	34.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 65.7		µg/kg dry	65.7	54.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.7		µg/kg dry	65.7	40.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.7		µg/kg dry	65.7	61.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.7		µg/kg dry	65.7	27.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.7		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320715	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 28 [illegible]88-28	183572.4445.0710	Concrete	23-Aug-13 11:40	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.7		µg/kg dry	66.7	49.9	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320629	X
11104-28-2	Aroclor-1221	< 66.7		µg/kg dry	66.7	60.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.7		µg/kg dry	66.7	42.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.7		µg/kg dry	66.7	40.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.7		µg/kg dry	66.7	34.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 66.7		µg/kg dry	66.7	55.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.7		µg/kg dry	66.7	41.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.7		µg/kg dry	66.7	62.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.7		µg/kg dry	66.7	27.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**98.2**		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320715	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 29	183572.4445.0710	Concrete	23-Aug-13 11:43	27-Aug-13
SB75688-29				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.4		µg/kg dry	66.4	49.6	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320629	X
11104-28-2	Aroclor-1221	< 66.4		µg/kg dry	66.4	59.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.4		µg/kg dry	66.4	42.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.4		µg/kg dry	66.4	40.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.4		µg/kg dry	66.4	34.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 66.4		µg/kg dry	66.4	55.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.4		µg/kg dry	66.4	41.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.4		µg/kg dry	66.4	61.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.4		µg/kg dry	66.4	27.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.4		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320715	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 30 S[illegible]5688-30	183572.4445.0710	Concrete	23-Aug-13 13:40	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.4		µg/kg dry	65.4	48.9	1	SW846 8082A	27-Aug-13	30-Aug-13	BLM	1320629	X
11104-28-2	Aroclor-1221	< 65.4		µg/kg dry	65.4	59.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.4		µg/kg dry	65.4	42.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.4		µg/kg dry	65.4	39.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.4		µg/kg dry	65.4	34.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 65.4		µg/kg dry	65.4	54.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.4		µg/kg dry	65.4	40.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.4		µg/kg dry	65.4	60.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.4		µg/kg dry	65.4	27.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.8		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320715	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 31 SB75688-31	183572.4445.0710	Concrete	23-Aug-13 13:43	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.0		µg/kg dry	63.0	47.0	1	SW846 8082A	27-Aug-13	30-Aug-13	IMR	1320629	X
11104-28-2	Aroclor-1221	< 63.0		µg/kg dry	63.0	56.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.0		µg/kg dry	63.0	40.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.0		µg/kg dry	63.0	37.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.0		µg/kg dry	63.0	32.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.0		µg/kg dry	63.0	52.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.0		µg/kg dry	63.0	39.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.0		µg/kg dry	63.0	58.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.0		µg/kg dry	63.0	26.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320715	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 32 SB75688-32	183572.4445.0710	Concrete	23-Aug-13 13:46	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.5		µg/kg dry	65.5	48.9	1	SW846 8082A	27-Aug-13	30-Aug-13	IMR	1320629	X
11104-28-2	Aroclor-1221	< 65.5		µg/kg dry	65.5	59.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.5		µg/kg dry	65.5	42.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.5		µg/kg dry	65.5	39.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.5		µg/kg dry	65.5	34.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 65.5		µg/kg dry	65.5	54.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.5		µg/kg dry	65.5	40.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.5		µg/kg dry	65.5	61.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.5		µg/kg dry	65.5	27.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320715	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 33				
SB75688-33	183572.4445.0710	Concrete	23-Aug-13 13:49	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.4		µg/kg dry	65.4	48.8	1	SW846 8082A	27-Aug-13	30-Aug-13	IMR	1320629	X
11104-28-2	Aroclor-1221	< 65.4		µg/kg dry	65.4	58.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.4		µg/kg dry	65.4	42.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.4		µg/kg dry	65.4	39.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.4		µg/kg dry	65.4	34.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 65.4		µg/kg dry	65.4	54.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	193		µg/kg dry	65.4	32.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.4		µg/kg dry	65.4	60.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.4		µg/kg dry	65.4	27.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320715	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 34 [redacted]688-34	183572.4445.0710	Concrete	23-Aug-13 13:53	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.6		µg/kg dry	63.6	47.5	1	SW846 8082A	27-Aug-13	30-Aug-13	IMR	1320629	X
11104-28-2	Aroclor-1221	< 63.6		µg/kg dry	63.6	57.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.6		µg/kg dry	63.6	40.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.6		µg/kg dry	63.6	38.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.6		µg/kg dry	63.6	33.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.6		µg/kg dry	63.6	53.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.6		µg/kg dry	63.6	39.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.6		µg/kg dry	63.6	59.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.6		µg/kg dry	63.6	26.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320715	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 35 SB75688-35	183572.4445.0710	Concrete	23-Aug-13 13:54	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.4		µg/kg dry	62.4	46.6	1	SW846 8082A	27-Aug-13	30-Aug-13	IMR	1320629	X
11104-28-2	Aroclor-1221	< 62.4		µg/kg dry	62.4	56.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.4		µg/kg dry	62.4	40.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.4		µg/kg dry	62.4	37.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.4		µg/kg dry	62.4	32.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.4		µg/kg dry	62.4	52.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.4		µg/kg dry	62.4	38.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.4		µg/kg dry	62.4	58.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.4		µg/kg dry	62.4	25.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320715	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 36	183572.4445.0710	Concrete	23-Aug-13 14:01	27-Aug-13
S[illegible]88-36				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.0		µg/kg dry	61.0	45.6	1	SW846 8082A	27-Aug-13	30-Aug-13	IMR	1320629	X
11104-28-2	Aroclor-1221	< 61.0		µg/kg dry	61.0	55.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.0		µg/kg dry	61.0	39.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.0		µg/kg dry	61.0	36.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.0		µg/kg dry	61.0	31.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 61.0		µg/kg dry	61.0	50.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.0		µg/kg dry	61.0	37.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.0		µg/kg dry	61.0	56.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.0		µg/kg dry	61.0	25.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320715	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 37	183572.4445.0710	Concrete	23-Aug-13 14:05	27-Aug-13
SB75688-37				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ca
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 58.7		µg/kg dry	58.7	43.8	1	SW846 8082A	27-Aug-13	30-Aug-13	IMR	1320629	X
11104-28-2	Aroclor-1221	< 58.7		µg/kg dry	58.7	52.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 58.7		µg/kg dry	58.7	37.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 58.7		µg/kg dry	58.7	35.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 58.7		µg/kg dry	58.7	30.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 58.7		µg/kg dry	58.7	48.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 58.7		µg/kg dry	58.7	36.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 58.7		µg/kg dry	58.7	54.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 58.7		µg/kg dry	58.7	24.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320715	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 38 [redacted]88-38	183572.4445.0710	Concrete	23-Aug-13 14:08	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 58.9		µg/kg dry	58.9	44.0	1	SW846 8082A	27-Aug-13	30-Aug-13	IMR	1320629	X
11104-28-2	Aroclor-1221	< 58.9		µg/kg dry	58.9	53.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 58.9		µg/kg dry	58.9	37.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 58.9		µg/kg dry	58.9	35.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 58.9		µg/kg dry	58.9	30.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 58.9		µg/kg dry	58.9	49.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 58.9		µg/kg dry	58.9	36.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 58.9		µg/kg dry	58.9	54.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 58.9		µg/kg dry	58.9	24.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320715	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 39	183572.4445.0710	Concrete	23-Aug-13 14:12	27-Aug-13
SB75688-39				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.3		µg/kg dry	62.3	46.6	1	SW846 8082A	27-Aug-13	30-Aug-13	IMR	1320629	X
11104-28-2	Aroclor-1221	< 62.3		µg/kg dry	62.3	56.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.3		µg/kg dry	62.3	40.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.3		µg/kg dry	62.3	37.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.3		µg/kg dry	62.3	32.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.3		µg/kg dry	62.3	51.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.3		µg/kg dry	62.3	38.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.3		µg/kg dry	62.3	58.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.3		µg/kg dry	62.3	25.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320715	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 40 [redacted]688-40	183572.4445.0710	Concrete	23-Aug-13 14:17	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.0		µg/kg dry	65.0	48.6	1	SW846 8082A	27-Aug-13	30-Aug-13	IMR	1320629	X
11104-28-2	Aroclor-1221	< 65.0		µg/kg dry	65.0	58.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.0		µg/kg dry	65.0	41.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.0		µg/kg dry	65.0	39.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.0		µg/kg dry	65.0	33.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 65.0		µg/kg dry	65.0	54.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.0		µg/kg dry	65.0	40.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.0		µg/kg dry	65.0	60.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.0		µg/kg dry	65.0	26.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	99.1		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320715	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 41	183572.4445.0710	Concrete	23-Aug-13 14:21	27-Aug-13
SB75688-41				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.3		µg/kg dry	59.3	44.3	1	SW846 8082A	27-Aug-13	30-Aug-13	IMR	1320629	X
11104-28-2	Aroclor-1221	< 59.3		µg/kg dry	59.3	53.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.3		µg/kg dry	59.3	38.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.3		µg/kg dry	59.3	35.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.3		µg/kg dry	59.3	30.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 59.3		µg/kg dry	59.3	49.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 59.3		µg/kg dry	59.3	36.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.3		µg/kg dry	59.3	55.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.3		µg/kg dry	59.3	24.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 42 SB75688-42	183572.4445.0710	Concrete	23-Aug-13 14:25	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.3		µg/kg dry	64.3	48.0	1	SW846 8082A	27-Aug-13	30-Aug-13	IMR	1320629	X
11104-28-2	Aroclor-1221	< 64.3		µg/kg dry	64.3	57.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.3		µg/kg dry	64.3	41.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.3		µg/kg dry	64.3	38.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.3		µg/kg dry	64.3	33.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.3		µg/kg dry	64.3	53.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.3		µg/kg dry	64.3	39.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.3		µg/kg dry	64.3	59.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.3		µg/kg dry	64.3	26.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 43	183572.4445.0710	Concrete	23-Aug-13 15:05	27-Aug-13
SB75688-43				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cer
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.5		µg/kg dry	64.5	48.2	1	SW846 8082A	27-Aug-13	30-Aug-13	IMR	1320629	X
11104-28-2	Aroclor-1221	< 64.5		µg/kg dry	64.5	58.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.5		µg/kg dry	64.5	41.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.5		µg/kg dry	64.5	38.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.5		µg/kg dry	64.5	33.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.5		µg/kg dry	64.5	53.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.5		µg/kg dry	64.5	40.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.5		µg/kg dry	64.5	60.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.5		µg/kg dry	64.5	26.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 44 [illegible]688-44	183572.4445.0710	Concrete	23-Aug-13 15:09	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.9		µg/kg dry	64.9	48.5	1	SW846 8082A	27-Aug-13	30-Aug-13	IMR	1320629	X
11104-28-2	Aroclor-1221	< 64.9		µg/kg dry	64.9	58.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.9		µg/kg dry	64.9	41.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.9		µg/kg dry	64.9	39.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.9		µg/kg dry	64.9	33.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.9		µg/kg dry	64.9	54.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.9		µg/kg dry	64.9	40.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.9		µg/kg dry	64.9	60.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.9		µg/kg dry	64.9	26.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 45 SB75688-45	183572.4445.0710	Concrete	23-Aug-13 15:13	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cer
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.9		µg/kg dry	65.9	49.2	1	SW846 8082A	27-Aug-13	30-Aug-13	IMR	1320629	X
11104-28-2	Aroclor-1221	< 65.9		µg/kg dry	65.9	59.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.9		µg/kg dry	65.9	42.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.9		µg/kg dry	65.9	39.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.9		µg/kg dry	65.9	34.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 65.9		µg/kg dry	65.9	54.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.9		µg/kg dry	65.9	40.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.9		µg/kg dry	65.9	61.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.9		µg/kg dry	65.9	27.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 46 [illegible]88-46	183572.4445.0710	Concrete	23-Aug-13 15:18	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 58.2		µg/kg dry	58.2	43.4	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320631	X
11104-28-2	Aroclor-1221	< 58.2		µg/kg dry	58.2	52.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 58.2		µg/kg dry	58.2	37.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 58.2		µg/kg dry	58.2	35.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 58.2		µg/kg dry	58.2	30.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 58.2		µg/kg dry	58.2	48.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 58.2		µg/kg dry	58.2	36.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 58.2		µg/kg dry	58.2	54.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 58.2		µg/kg dry	58.2	24.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[illegible]	% Solids	99.3		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 47 SB75688-47	183572.4445.0710	Concrete	23-Aug-13 15:22	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.5		µg/kg dry	64.5	48.2	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320631	X
11104-28-2	Aroclor-1221	< 64.5		µg/kg dry	64.5	58.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.5		µg/kg dry	64.5	41.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.5		µg/kg dry	64.5	38.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.5		µg/kg dry	64.5	33.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.5		µg/kg dry	64.5	53.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.5		µg/kg dry	64.5	40.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.5		µg/kg dry	64.5	60.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.5		µg/kg dry	64.5	26.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CO 48 [illegible]588-48	183572.4445.0710	Concrete	23-Aug-13 15:30	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.0		µg/kg dry	63.0	47.1	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320631	X
11104-28-2	Aroclor-1221	< 63.0		µg/kg dry	63.0	56.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.0		µg/kg dry	63.0	40.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.0		µg/kg dry	63.0	37.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.0		µg/kg dry	63.0	32.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.0		µg/kg dry	63.0	52.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.0		µg/kg dry	63.0	39.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.0		µg/kg dry	63.0	58.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.0		µg/kg dry	63.0	26.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-S1 SB75688-49	183572.4445.0710	Soil	22-Aug-13 13:12	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 21.3		µg/kg dry	21.3	15.9	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320631	X
11104-28-2	Aroclor-1221	< 21.3		µg/kg dry	21.3	19.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 21.3		µg/kg dry	21.3	13.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 21.3		µg/kg dry	21.3	12.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 21.3		µg/kg dry	21.3	11.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 21.3		µg/kg dry	21.3	17.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	42.7		µg/kg dry	21.3	13.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 21.3		µg/kg dry	21.3	19.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 21.3		µg/kg dry	21.3	8.81	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	92.4		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-S2 SB75688-50	183572.4445.0710	Soil	22-Aug-13 13:15	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 20.3		µg/kg dry	20.3	15.1	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320631	X
11104-28-2	Aroclor-1221	< 20.3		µg/kg dry	20.3	18.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 20.3		µg/kg dry	20.3	13.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 20.3		µg/kg dry	20.3	12.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 20.3		µg/kg dry	20.3	10.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 20.3		µg/kg dry	20.3	16.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 20.3		µg/kg dry	20.3	12.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 20.3		µg/kg dry	20.3	18.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 20.3		µg/kg dry	20.3	8.36	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*135*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	92.6		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-S3 SB75688-51	183572.4445.0710	Soil	22-Aug-13 13:18	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 20.3		µg/kg dry	20.3	15.1	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320631	X
11104-28-2	Aroclor-1221	< 20.3		µg/kg dry	20.3	18.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 20.3		µg/kg dry	20.3	13.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 20.3		µg/kg dry	20.3	12.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 20.3		µg/kg dry	20.3	10.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 20.3		µg/kg dry	20.3	16.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 20.3		µg/kg dry	20.3	12.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 20.3		µg/kg dry	20.3	18.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 20.3		µg/kg dry	20.3	8.36	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*145*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	95.0		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-S4 SB75688-52	183572.4445.0710	Soil	22-Aug-13 13:34	27-Aug-13

No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 20.6		µg/kg dry	20.6	15.4	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320631	X
11104-28-2	Aroclor-1221	< 20.6		µg/kg dry	20.6	18.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 20.6		µg/kg dry	20.6	13.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 20.6		µg/kg dry	20.6	12.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 20.6		µg/kg dry	20.6	10.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 20.6		µg/kg dry	20.6	17.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	59.7		µg/kg dry	20.6	12.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 20.6		µg/kg dry	20.6	19.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 20.6		µg/kg dry	20.6	8.50	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	93.7		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-S5 SB75688-53	183572.4445.0710	Soil	22-Aug-13 13:38	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 20.7		µg/kg dry	20.7	15.5	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320631	X
11104-28-2	Aroclor-1221	< 20.7		µg/kg dry	20.7	18.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 20.7		µg/kg dry	20.7	13.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 20.7		µg/kg dry	20.7	12.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 20.7		µg/kg dry	20.7	10.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 20.7		µg/kg dry	20.7	17.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	363		µg/kg dry	20.7	10.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 20.7		µg/kg dry	20.7	19.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 20.7		µg/kg dry	20.7	8.56	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	95.2		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-S6 SB75688-54	183572.4445.0710	Soil	22-Aug-13 13:42	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 20.7		µg/kg dry	20.7	15.5	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320631	X
11104-28-2	Aroclor-1221	< 20.7		µg/kg dry	20.7	18.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 20.7		µg/kg dry	20.7	13.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 20.7		µg/kg dry	20.7	12.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 20.7		µg/kg dry	20.7	10.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 20.7		µg/kg dry	20.7	17.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 20.7		µg/kg dry	20.7	12.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 20.7		µg/kg dry	20.7	19.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 20.7		µg/kg dry	20.7	8.55	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*135*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*135*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	94.8		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-S7 SB75688-55	183572.4445.0710	Soil	22-Aug-13 13:50	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 22.4		µg/kg dry	22.4	16.7	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320631	X
11104-28-2	Aroclor-1221	< 22.4		µg/kg dry	22.4	20.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 22.4		µg/kg dry	22.4	14.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 22.4		µg/kg dry	22.4	13.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 22.4		µg/kg dry	22.4	11.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 22.4		µg/kg dry	22.4	18.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	23.5		µg/kg dry	22.4	13.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 22.4		µg/kg dry	22.4	20.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 22.4		µg/kg dry	22.4	9.24	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	88.8		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-S8 SB75688-56	183572.4445.0710	Soil	22-Aug-13 13:50	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 20.7		µg/kg dry	20.7	15.4	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320631	X
11104-28-2	Aroclor-1221	< 20.7		µg/kg dry	20.7	18.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 20.7		µg/kg dry	20.7	13.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 20.7		µg/kg dry	20.7	12.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 20.7		µg/kg dry	20.7	10.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**225**		µg/kg dry	20.7	17.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	**61.0**		µg/kg dry	20.7	10.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 20.7		µg/kg dry	20.7	19.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 20.7		µg/kg dry	20.7	8.53	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*170*	S02		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**88.6**		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-S9 SB75688-57	183572.4445.0710	Soil	23-Aug-13 09:55	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cl
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 21.1		µg/kg dry	21.1	15.7	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320631	X
11104-28-2	Aroclor-1221	< 21.1		µg/kg dry	21.1	19.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 21.1		µg/kg dry	21.1	13.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 21.1		µg/kg dry	21.1	12.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 21.1		µg/kg dry	21.1	11.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 21.1		µg/kg dry	21.1	17.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	102		µg/kg dry	21.1	13.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 21.1		µg/kg dry	21.1	19.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 21.1		µg/kg dry	21.1	8.69	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	89.2		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-S10 [redacted]88-58	183572.4445.0710	Soil	23-Aug-13 09:56	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 20.9		µg/kg dry	20.9	15.6	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320631	X
11104-28-2	Aroclor-1221	< 20.9		µg/kg dry	20.9	18.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 20.9		µg/kg dry	20.9	13.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 20.9		µg/kg dry	20.9	12.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 20.9		µg/kg dry	20.9	10.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 20.9		µg/kg dry	20.9	17.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	45.9		µg/kg dry	20.9	12.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 20.9		µg/kg dry	20.9	19.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 20.9		µg/kg dry	20.9	8.61	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	88.3		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320716	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-S11 SB75688-59	183572.4445.0710	Soil	23-Aug-13 09:58	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 21.0		µg/kg dry	21.0	15.7	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320631	X
11104-28-2	Aroclor-1221	< 21.0		µg/kg dry	21.0	16.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 21.0		µg/kg dry	21.0	13.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 21.0		µg/kg dry	21.0	12.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 21.0		µg/kg dry	21.0	10.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	227		µg/kg dry	21.0	17.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	30.4		µg/kg dry	21.0	13.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 21.0		µg/kg dry	21.0	19.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 21.0		µg/kg dry	21.0	8.64	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	88.4		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
C[illegible]A1 [illegible]88-60	183572.4445.0710	Asphalt	22-Aug-13 14:33	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.4		µg/kg dry	62.4	46.6	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320631	X
11104-28-2	Aroclor-1221	< 62.4		µg/kg dry	62.4	56.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.4		µg/kg dry	62.4	40.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.4		µg/kg dry	62.4	37.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.4		µg/kg dry	62.4	32.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.4		µg/kg dry	62.4	52.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.4		µg/kg dry	62.4	38.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.4		µg/kg dry	62.4	58.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.4		µg/kg dry	62.4	25.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[illegible]	% Solids	99.3		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-A2 SB75688-61	183572.4445.0710	Asphalt	22-Aug-13 15:45	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.9		µg/kg dry	60.9	45.5	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320631	X
11104-28-2	Aroclor-1221	< 60.9		µg/kg dry	60.9	54.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.9		µg/kg dry	60.9	39.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.9		µg/kg dry	60.9	36.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.9		µg/kg dry	60.9	31.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.9		µg/kg dry	60.9	50.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.9		µg/kg dry	60.9	37.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.9		µg/kg dry	60.9	56.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.9		µg/kg dry	60.9	25.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-A3	183572.4445.0710	Asphalt	23-Aug-13 11:46	27-Aug-13
SB75688-62				

No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.5		µg/kg dry	60.5	45.2	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320631	X
11104-28-2	Aroclor-1221	< 60.5		µg/kg dry	60.5	54.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.5		µg/kg dry	60.5	38.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.5		µg/kg dry	60.5	36.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.5		µg/kg dry	60.5	31.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.5		µg/kg dry	60.5	50.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.5		µg/kg dry	60.5	37.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.5		µg/kg dry	60.5	56.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.5		µg/kg dry	60.5	24.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320717	

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* Reportable Detection Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-C5-SHR 1-0" SB75688-63	183572.4445.0710	Sheetrock	22-Aug-13 10:15	27-Aug-13

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 69.5		µg/kg dry	69.5	51.9	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320631	X
11104-28-2	Aroclor-1221	< 69.5		µg/kg dry	69.5	62.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 69.5		µg/kg dry	69.5	44.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 69.5		µg/kg dry	69.5	41.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	153		µg/kg dry	69.5	36.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 69.5		µg/kg dry	69.5	57.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 69.5		µg/kg dry	69.5	43.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 69.5		µg/kg dry	69.5	64.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 69.5		µg/kg dry	69.5	28.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	88.6		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
C[illegible]C6-CM1-0"	183572.4445.0710	Concrete	22-Aug-13 10:12	27-Aug-13
[illegible]88-64				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 54.1		µg/kg dry	54.1	40.4	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320631	X
11104-28-2	Aroclor-1221	< 54.1		µg/kg dry	54.1	48.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 54.1		µg/kg dry	54.1	34.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 54.1		µg/kg dry	54.1	32.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 54.1		µg/kg dry	54.1	28.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 54.1		µg/kg dry	54.1	45.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	2,600		µg/kg dry	54.1	27.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 54.1		µg/kg dry	54.1	50.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 54.1		µg/kg dry	54.1	22.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[illegible]	% Solids	99.6		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-C6-CM1-3" SB75688-65	183572.4445.0710	Concrete	22-Aug-13 10:08	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 54.8		µg/kg dry	54.8	41.0	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320631	X
11104-28-2	Aroclor-1221	< 54.8		µg/kg dry	54.8	49.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 54.8		µg/kg dry	54.8	35.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 54.8		µg/kg dry	54.8	33.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 54.8		µg/kg dry	54.8	28.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 54.8		µg/kg dry	54.8	45.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	5,920		µg/kg dry	54.8	27.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 54.8		µg/kg dry	54.8	51.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 54.8		µg/kg dry	54.8	22.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-C6-CM1-6"	183572.4445.0710	Concrete	22-Aug-13 10:04	27-Aug-13
SB75688-66				

No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 545	D	µg/kg dry	545	407	10	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320632	X
11104-28-2	Aroclor-1221	< 545	D	µg/kg dry	545	491	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 545	D	µg/kg dry	545	350	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 545	D	µg/kg dry	545	328	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 545	D	µg/kg dry	545	284	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 545	D	µg/kg dry	545	455	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 545	D	µg/kg dry	545	338	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262 [2C]	18,300	D	µg/kg dry	545	523	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 545	D	µg/kg dry	545	225	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320717	

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* Reportable Detection Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-C6-CM1-12" SB75688-67	183572.4445.0710	Concrete	22-Aug-13 10:00	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.5		µg/kg dry	66.5	49.7	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320632	X
11104-28-2	Aroclor-1221	< 66.5		µg/kg dry	66.5	59.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.5		µg/kg dry	66.5	42.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.5		µg/kg dry	66.5	40.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.5		µg/kg dry	66.5	34.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 66.5		µg/kg dry	66.5	55.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.5		µg/kg dry	66.5	41.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262 [2C]	6,350		µg/kg dry	66.5	63.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.5		µg/kg dry	66.5	27.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-C6-CM2-0" [redacted]688-68	183572.4445.0710	Concrete	22-Aug-13 11:07	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 549	D	µg/kg dry	549	410	10	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320632	X
11104-28-2	Aroclor-1221	< 549	D	µg/kg dry	549	495	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 549	D	µg/kg dry	549	353	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 549	D	µg/kg dry	549	330	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 549	D	µg/kg dry	549	286	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 549	D	µg/kg dry	549	458	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 549	D	µg/kg dry	549	341	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262 [2C]	22,100	D	µg/kg dry	549	527	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 549	D	µg/kg dry	549	227	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	99.6		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-C6-CM2-3"	183572.4445.0710	Concrete	22-Aug-13 11:04	27-Aug-13
SB75688-69				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 526	D	µg/kg dry	526	393	10	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320632	X
11104-28-2	Aroclor-1221	< 526	D	µg/kg dry	526	474	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 526	D	µg/kg dry	526	338	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 526	D	µg/kg dry	526	316	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 526	D	µg/kg dry	526	274	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 526	D	µg/kg dry	526	439	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 526	D	µg/kg dry	526	326	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262 [2C]	16,300	D	µg/kg dry	526	505	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 526	D	µg/kg dry	526	217	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-C6-CM2-6"	183572.4445.0710	Concrete	22-Aug-13 11:00	27-Aug-13
688-70				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 54.9		µg/kg dry	54.9	41.0	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320632	X
11104-28-2	Aroclor-1221	< 54.9		µg/kg dry	54.9	49.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 54.9		µg/kg dry	54.9	35.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 54.9		µg/kg dry	54.9	33.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 54.9		µg/kg dry	54.9	28.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 54.9		µg/kg dry	54.9	45.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 54.9		µg/kg dry	54.9	34.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262 [2C]	5,430		µg/kg dry	54.9	52.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 54.9		µg/kg dry	54.9	22.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-C6-CM2-12" SB75688-71	183572.4445.0710	Concrete	22-Aug-13 10:56	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 52.0		µg/kg dry	52.0	38.8	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320632	X
11104-28-2	Aroclor-1221	< 52.0		µg/kg dry	52.0	46.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 52.0		µg/kg dry	52.0	33.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 52.0		µg/kg dry	52.0	31.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 52.0		µg/kg dry	52.0	27.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 52.0		µg/kg dry	52.0	43.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 52.0		µg/kg dry	52.0	32.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262 [2C]	3,540		µg/kg dry	52.0	49.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 52.0		µg/kg dry	52.0	21.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
C[illegible]C8-BR1-0" [illegible]88-72	183572.4445.0710	Brick	23-Aug-13 10:42	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 58.2		µg/kg dry	58.2	43.5	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320632	X
11104-28-2	Aroclor-1221	< 58.2		µg/kg dry	58.2	52.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 58.2		µg/kg dry	58.2	37.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 58.2		µg/kg dry	58.2	35.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 58.2		µg/kg dry	58.2	30.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 58.2		µg/kg dry	58.2	48.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 58.2		µg/kg dry	58.2	36.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 58.2		µg/kg dry	58.2	54.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 58.2		µg/kg dry	58.2	24.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[illegible]	% Solids	99.8		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-C8-BR2-0" SB75688-73	183572.4445.0710	Brick	23-Aug-13 13:00	27-Aug-13

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Ce*
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.4		µg/kg dry	61.4	45.9	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320632	X
11104-28-2	Aroclor-1221	< 61.4		µg/kg dry	61.4	55.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.4		µg/kg dry	61.4	39.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.4		µg/kg dry	61.4	37.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.4		µg/kg dry	61.4	31.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 61.4		µg/kg dry	61.4	51.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.4		µg/kg dry	61.4	38.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.4		µg/kg dry	61.4	57.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.4		µg/kg dry	61.4	25.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	100		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-WCA-CT1-0" SB75688-74	183572.4445.0710	Ceramic	22-Aug-13 10:28	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.4		µg/kg dry	59.4	44.4	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320632	X
11104-28-2	Aroclor-1221	< 59.4		µg/kg dry	59.4	53.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.4		µg/kg dry	59.4	38.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.4		µg/kg dry	59.4	35.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.4		µg/kg dry	59.4	30.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 59.4		µg/kg dry	59.4	49.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 59.4		µg/kg dry	59.4	36.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.4		µg/kg dry	59.4	55.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.4		µg/kg dry	59.4	24.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-WCA-CT1-3"	183572.4445.0710	Ceramic	22-Aug-13 10:24	27-Aug-13
SB75688-75				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 50.5		µg/kg dry	50.5	37.7	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320632	X
11104-28-2	Aroclor-1221	< 50.5		µg/kg dry	50.5	45.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 50.5		µg/kg dry	50.5	32.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 50.5		µg/kg dry	50.5	30.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 50.5		µg/kg dry	50.5	26.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 50.5		µg/kg dry	50.5	42.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 50.5		µg/kg dry	50.5	31.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 50.5		µg/kg dry	50.5	47.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 50.5		µg/kg dry	50.5	20.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*135*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-WCA-CO1-0"	183572.4445.0710	Concrete	22-Aug-13 14:55	27-Aug-13
S[illegible]38-76				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.9		µg/kg dry	61.9	46.3	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320632	X
11104-28-2	Aroclor-1221	< 61.9		µg/kg dry	61.9	55.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.9		µg/kg dry	61.9	39.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.9		µg/kg dry	61.9	37.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.9		µg/kg dry	61.9	32.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 61.9		µg/kg dry	61.9	51.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.9		µg/kg dry	61.9	38.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.9		µg/kg dry	61.9	57.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.9		µg/kg dry	61.9	25.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*145*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-WCA-CO1-3"	183572.4445.0710	Concrete	22-Aug-13 14:53	27-Aug-13
SB75688-77				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.6		µg/kg dry	57.6	43.0	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320632	X
11104-28-2	Aroclor-1221	< 57.6		µg/kg dry	57.6	51.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.6		µg/kg dry	57.6	37.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.6		µg/kg dry	57.6	34.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.6		µg/kg dry	57.6	30.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 57.6		µg/kg dry	57.6	48.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.6		µg/kg dry	57.6	35.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 57.6		µg/kg dry	57.6	53.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.6		µg/kg dry	57.6	23.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-WCA-CO2-0" SB75688-78	183572.4445.0710	Concrete	22-Aug-13 15:32	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 56.1		µg/kg dry	56.1	41.9	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320632	X
11104-28-2	Aroclor-1221	< 56.1		µg/kg dry	56.1	50.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 56.1		µg/kg dry	56.1	36.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 56.1		µg/kg dry	56.1	33.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 56.1		µg/kg dry	56.1	29.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 56.1		µg/kg dry	56.1	46.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 56.1		µg/kg dry	56.1	34.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 56.1		µg/kg dry	56.1	52.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 56.1		µg/kg dry	56.1	23.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-WCA-CO2-3"	183572.4445.0710	Concrete	22-Aug-13 15:27	27-Aug-13
SB75688-79				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.6		µg/kg dry	61.6	46.0	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320632	X
11104-28-2	Aroclor-1221	< 61.6		µg/kg dry	61.6	55.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.6		µg/kg dry	61.6	39.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.6		µg/kg dry	61.6	37.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.6		µg/kg dry	61.6	32.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 61.6		µg/kg dry	61.6	51.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.6		µg/kg dry	61.6	38.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.6		µg/kg dry	61.6	57.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.6		µg/kg dry	61.6	25.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-WCA-BR1-0" [redacted]688-80	183572.4445.0710	Brick	23-Aug-13 10:38	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.7		µg/kg dry	59.7	44.6	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320632	X
11104-28-2	Aroclor-1221	< 59.7		µg/kg dry	59.7	53.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.7		µg/kg dry	59.7	38.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.7		µg/kg dry	59.7	35.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.7		µg/kg dry	59.7	31.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 59.7		µg/kg dry	59.7	49.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 59.7		µg/kg dry	59.7	37.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.7		µg/kg dry	59.7	55.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.7		µg/kg dry	59.7	24.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-WCA-BR1-3" SB75688-81	183572.4445.0710	Brick	23-Aug-13 10:35	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.7		µg/kg dry	60.7	45.3	1	SW846 8082A	28-Aug-13	29-Aug-13	IMR	1320768	X
11104-28-2	Aroclor-1221	< 60.7		µg/kg dry	60.7	54.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.7		µg/kg dry	60.7	39.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.7		µg/kg dry	60.7	36.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.7		µg/kg dry	60.7	31.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.7		µg/kg dry	60.7	50.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.7		µg/kg dry	60.7	37.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.7		µg/kg dry	60.7	56.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.7		µg/kg dry	60.7	25.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	100		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320718	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-WCA-BR2-0"	183572.4445.0710	Brick	23-Aug-13 13:06	27-Aug-13
688-82				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.9		µg/kg dry	57.9	43.2	1	SW846 8082A	28-Aug-13	29-Aug-13	IMR	1320768	X
11104-28-2	Aroclor-1221	< 57.9		µg/kg dry	57.9	52.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.9		µg/kg dry	57.9	37.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.9		µg/kg dry	57.9	34.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.9		µg/kg dry	57.9	30.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 57.9		µg/kg dry	57.9	48.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.9		µg/kg dry	57.9	35.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 57.9		µg/kg dry	57.9	53.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.9		µg/kg dry	57.9	23.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320718	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-WCA-BR2-3"	183572.4445.0710	Brick	23-Aug-13 13:03	27-Aug-13
SB75688-83				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.7		µg/kg dry	61.7	46.1	1	SW846 8082A	28-Aug-13	29-Aug-13	IMR	1320768	X
11104-28-2	Aroclor-1221	< 61.7		µg/kg dry	61.7	55.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.7		µg/kg dry	61.7	39.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.7		µg/kg dry	61.7	37.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.7		µg/kg dry	61.7	32.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 61.7		µg/kg dry	61.7	51.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.7		µg/kg dry	61.7	38.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.7		µg/kg dry	61.7	57.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.7		µg/kg dry	61.7	25.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320718	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-WCA-CM1-0" [redacted]588-84	183572.4445.0710	Concrete	22-Aug-13 10:45	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 56.2		µg/kg dry	56.2	42.0	1	SW846 8082A	28-Aug-13	30-Aug-13	IMR	1320768	X
11104-28-2	Aroclor-1221	< 56.2		µg/kg dry	56.2	50.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 56.2		µg/kg dry	56.2	36.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 56.2		µg/kg dry	56.2	33.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 56.2		µg/kg dry	56.2	29.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 56.2		µg/kg dry	56.2	46.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	5,910		µg/kg dry	56.2	28.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 56.2		µg/kg dry	56.2	52.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 56.2		µg/kg dry	56.2	23.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	99.7		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320718	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-WCA-CM1-3" SB75688-85	183572.4445.0710	Concrete	22-Aug-13 10:42	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.8		µg/kg dry	57.8	43.2	1	SW846 8082A	28-Aug-13	30-Aug-13	IMR	1320768	X
11104-28-2	Aroclor-1221	< 57.8		µg/kg dry	57.8	52.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.8		µg/kg dry	57.8	37.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.8		µg/kg dry	57.8	34.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.8		µg/kg dry	57.8	30.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 57.8		µg/kg dry	57.8	48.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	8,550		µg/kg dry	57.8	28.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 57.8		µg/kg dry	57.8	53.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.8		µg/kg dry	57.8	23.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320718	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-WCA-CM2-0" [redacted]88-86	183572.4445.0710	Concrete	22-Aug-13 14:51	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 58.4		µg/kg dry	58.4	43.6	1	SW846 8082A	28-Aug-13	30-Aug-13	IMR	1320768	X
11104-28-2	Aroclor-1221	< 58.4		µg/kg dry	58.4	52.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 58.4		µg/kg dry	58.4	37.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 58.4		µg/kg dry	58.4	35.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 58.4		µg/kg dry	58.4	30.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 58.4		µg/kg dry	58.4	48.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	64.3		µg/kg dry	58.4	36.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 58.4		µg/kg dry	58.4	54.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 58.4		µg/kg dry	58.4	24.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	98.7		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320718	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-WCA-CM2-3" SB75688-87	183572.4445.0710	Concrete	22-Aug-13 14:49	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.9		µg/kg dry	60.9	45.5	1	SW846 8082A	28-Aug-13	30-Aug-13	IMR	1320768	X
11104-28-2	Aroclor-1221	< 60.9		µg/kg dry	60.9	54.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.9		µg/kg dry	60.9	39.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.9		µg/kg dry	60.9	36.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.9		µg/kg dry	60.9	31.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.9		µg/kg dry	60.9	50.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	67.0		µg/kg dry	60.9	37.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.9		µg/kg dry	60.9	56.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.9		µg/kg dry	60.9	25.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320718	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-WCA-CM2-6" S[redacted]88-88	183572.4445.0710	Concrete	22-Aug-13 14:45	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 53.4		µg/kg dry	53.4	39.9	1	SW846 8082A	28-Aug-13	30-Aug-13	IMR	1320768	X
11104-28-2	Aroclor-1221	< 53.4		µg/kg dry	53.4	48.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 53.4		µg/kg dry	53.4	34.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 53.4		µg/kg dry	53.4	32.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 53.4		µg/kg dry	53.4	27.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 53.4		µg/kg dry	53.4	44.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	98.7		µg/kg dry	53.4	33.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 53.4		µg/kg dry	53.4	49.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 53.4		µg/kg dry	53.4	22.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320718	

This laboratory report is not valid without an authorized signature on the cover page.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-WCA-GB1-0"	183572.4445.0710	Concrete	22-Aug-13 09:33	27-Aug-13
SB75688-89				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.1		µg/kg dry	65.1	48.6	1	SW846 8082A	28-Aug-13	30-Aug-13	IMR	1320768	X
11104-28-2	Aroclor-1221	< 65.1		µg/kg dry	65.1	58.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.1		µg/kg dry	65.1	41.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 85.1		µg/kg dry	65.1	39.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.1		µg/kg dry	65.1	33.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 65.1		µg/kg dry	65.1	54.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.1		µg/kg dry	65.1	40.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.1		µg/kg dry	65.1	60.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.1		µg/kg dry	65.1	26.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*40*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	1320718	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-WCA-GB1-3" [redacted]88-90	183572.4445.0710	Concrete	22-Aug-13 09:30	27-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.9		µg/kg dry	62.9	47.0	1	SW846 8082A	28-Aug-13	30-Aug-13	IMR	1320768	X
11104-28-2	Aroclor-1221	< 62.9		µg/kg dry	62.9	56.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.9		µg/kg dry	62.9	40.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.9		µg/kg dry	62.9	37.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.9		µg/kg dry	62.9	32.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.9		µg/kg dry	62.9	52.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.9		µg/kg dry	62.9	39.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.9		µg/kg dry	62.9	58.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.9		µg/kg dry	62.9	25.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	28-Aug-13	28-Aug-13	DT	132071B	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1320625 - SW846 3540C										
Blank (1320625-BLK1)					Prepared: 27-Aug-13 Analyzed: 30-Aug-13					
Aroclor-1016	< 66.7		µg/kg wet	66.7						
Aroclor-1016 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1221	< 66.7		µg/kg wet	66.7						
Aroclor-1221 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1232	< 66.7		µg/kg wet	66.7						
Aroclor-1232 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1242	< 66.7		µg/kg wet	66.7						
Aroclor-1242 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1248	< 66.7		µg/kg wet	66.7						
Aroclor-1248 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1254	< 66.7		µg/kg wet	66.7						
Aroclor-1254 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1260	< 66.7		µg/kg wet	66.7						
Aroclor-1260 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1262	< 66.7		µg/kg wet	66.7						
Aroclor-1262 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1268	< 66.7		µg/kg wet	66.7						
Aroclor-1268 [2C]	< 66.7		µg/kg wet	66.7						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*63.3*		µg/kg wet		*66.7*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*70.0*		µg/kg wet		*66.7*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*80.0*		µg/kg wet		*66.7*		*120*	*30-150*		
LCS (1320625-BS1)					Prepared: 27-Aug-13 Analyzed: 30-Aug-13					
Aroclor-1016	**647**		µg/kg wet	66.7	833		78	40-140		
Aroclor-1016 [2C]	**633**		µg/kg wet	66.7	833		76	40-140		
Aroclor-1260	**540**		µg/kg wet	66.7	833		65	40-140		
Aroclor-1260 [2C]	**533**		µg/kg wet	66.7	833		64	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*56.7*		µg/kg wet		*66.7*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*70.0*		µg/kg wet		*66.7*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*86.7*		µg/kg wet		*66.7*		*130*	*30-150*		
LCS Dup (1320625-BSD1)					Prepared: 27-Aug-13 Analyzed: 30-Aug-13					
Aroclor-1016	**647**		µg/kg wet	66.7	833		78	40-140	0	30
Aroclor-1016 [2C]	**627**		µg/kg wet	66.7	833		75	40-140	1	30
Aroclor-1260	**570**		µg/kg wet	66.7	833		68	40-140	5	30
Aroclor-1260 [2C]	**537**		µg/kg wet	66.7	833		64	40-140	0.6	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*56.7*		µg/kg wet		*66.7*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*66.7*		µg/kg wet		*66.7*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*86.7*		µg/kg wet		*66.7*		*130*	*30-150*		
Batch 1320626 - SW846 3540C										
Blank (1320626-BLK1)					Prepared: 27-Aug-13 Analyzed: 30-Aug-13					
Aroclor-1016	< 66.7		µg/kg wet	66.7						
Aroclor-1016 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1221	< 66.7		µg/kg wet	66.7						
Aroclor-1221 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1232	< 66.7		µg/kg wet	66.7						
Aroclor-1232 [2C]	< 66.7		µg/kg wet	66.7						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1320626 - SW846 3540C										
Blank (1320626-BLK1)					Prepared: 27-Aug-13 Analyzed: 30-Aug-13					
Aroclor-1242	< 66.7		µg/kg wet	66.7						
Aroclor-1242 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1248	< 66.7		µg/kg wet	66.7						
Aroclor-1248 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1254	< 66.7		µg/kg wet	66.7						
Aroclor-1254 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1260	< 66.7		µg/kg wet	66.7						
Aroclor-1260 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1262	< 66.7		µg/kg wet	66.7						
Aroclor-1262 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1268	< 66.7		µg/kg wet	66.7						
Aroclor-1268 [2C]	< 66.7		µg/kg wet	66.7						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*63.3*		µg/kg wet		*66.7*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*73.3*		µg/kg wet		*66.7*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
LCS (1320626-BS1)					Prepared: 27-Aug-13 Analyzed: 30-Aug-13					
Aroclor-1016	**647**		µg/kg wet	66.7	833		78	40-140		
Aroclor-1016 [2C]	**583**		µg/kg wet	66.7	833		70	40-140		
Aroclor-1260	**650**		µg/kg wet	66.7	833		78	40-140		
Aroclor-1260 [2C]	**473**		µg/kg wet	66.7	833		57	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*56.7*		µg/kg wet		*66.7*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*73.3*		µg/kg wet		*66.7*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
LCS Dup (1320626-BSD1)					Prepared: 27-Aug-13 Analyzed: 30-Aug-13					
Aroclor-1016	**647**		µg/kg wet	66.7	833		78	40-140	0	30
Aroclor-1016 [2C]	**580**		µg/kg wet	66.7	833		70	40-140	0.6	30
Aroclor-1260	**667**		µg/kg wet	66.7	833		80	40-140	3	30
Aroclor-1260 [2C]	**480**		µg/kg wet	66.7	833		58	40-140	1	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*56.7*		µg/kg wet		*66.7*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*73.3*		µg/kg wet		*66.7*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Duplicate (1320626-DUP1)			**Source: SB75688-15**		Prepared: 27-Aug-13 Analyzed: 30-Aug-13					
Aroclor-1016	< 51.3		µg/kg dry	51.3		BRL				30
Aroclor-1016 [2C]	< 51.3		µg/kg dry	51.3		BRL				30
Aroclor-1221	< 51.3		µg/kg dry	51.3		BRL				30
Aroclor-1221 [2C]	< 51.3		µg/kg dry	51.3		BRL				30
Aroclor-1232	< 51.3		µg/kg dry	51.3		BRL				30
Aroclor-1232 [2C]	< 51.3		µg/kg dry	51.3		BRL				30
Aroclor-1242	< 51.3		µg/kg dry	51.3		BRL				30
Aroclor-1242 [2C]	< 51.3		µg/kg dry	51.3		BRL				30
Aroclor-1248	< 51.3		µg/kg dry	51.3		BRL				30
Aroclor-1248 [2C]	< 51.3		µg/kg dry	51.3		BRL				30
Aroclor-1254	< 51.3		µg/kg dry	51.3		BRL				30
Aroclor-1254 [2C]	< 51.3		µg/kg dry	51.3		BRL				30
Aroclor-1260	< 51.3		µg/kg dry	51.3		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1320626 - SW846 3540C										
Duplicate (1320626-DUP1)			Source: SB75688-15		Prepared: 27-Aug-13 Analyzed: 30-Aug-13					
Aroclor-1260 [2C]	< 51.3		µg/kg dry	51.3		BRL				30
Aroclor-1262	< 51.3		µg/kg dry	51.3		BRL				30
Aroclor-1262 [2C]	< 51.3		µg/kg dry	51.3		BRL				30
Aroclor-1268	< 51.3		µg/kg dry	51.3		BRL				30
Aroclor-1268 [2C]	< 51.3		µg/kg dry	51.3		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*38.5*		µg/kg dry		*51.3*		*75*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*35.9*		µg/kg dry		*51.3*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*56.4*		µg/kg dry		*51.3*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*41.0*		µg/kg dry		*51.3*		*80*	*30-150*		
Matrix Spike (1320626-MS1)			Source: SB75688-15		Prepared: 27-Aug-13 Analyzed: 30-Aug-13					
Aroclor-1016	**590**		µg/kg dry	59.2	741	BRL	80	40-140		
Aroclor-1016 [2C]	**513**		µg/kg dry	59.2	741	BRL	69	40-140		
Aroclor-1260	**590**		µg/kg dry	59.2	741	BRL	80	40-140		
Aroclor-1260 [2C]	**456**		µg/kg dry	59.2	741	BRL	62	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*44.4*		µg/kg dry		*59.2*		*75*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*41.5*		µg/kg dry		*59.2*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*62.2*		µg/kg dry		*59.2*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*44.4*		µg/kg dry		*59.2*		*75*	*30-150*		
Matrix Spike Dup (1320626-MSD1)			Source: SB75688-15		Prepared: 27-Aug-13 Analyzed: 30-Aug-13					
Aroclor-1016	**543**		µg/kg dry	60.0	750	BRL	72	40-140	9	30
Aroclor-1016 [2C]	**432**		µg/kg dry	60.0	750	BRL	58	40-140	18	30
Aroclor-1260	**588**		µg/kg dry	60.0	750	BRL	76	40-140	2	30
Aroclor-1260 [2C]	**432**		µg/kg dry	60.0	750	BRL	58	40-140	7	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*42.0*		µg/kg dry		*60.0*		*70*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*39.0*		µg/kg dry		*60.0*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*63.0*		µg/kg dry		*60.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*45.0*		µg/kg dry		*60.0*		*75*	*30-150*		
Batch 1320629 - SW846 3540C										
Blank (1320629-BLK1)					Prepared: 27-Aug-13 Analyzed: 30-Aug-13					
Aroclor-1016	< 66.7		µg/kg wet	66.7						
Aroclor-1016 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1221	< 66.7		µg/kg wet	66.7						
Aroclor-1221 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1232	< 66.7		µg/kg wet	66.7						
Aroclor-1232 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1242	< 66.7		µg/kg wet	66.7						
Aroclor-1242 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1248	< 66.7		µg/kg wet	66.7						
Aroclor-1248 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1254	< 66.7		µg/kg wet	66.7						
Aroclor-1254 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1260	< 66.7		µg/kg wet	66.7						
Aroclor-1260 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1262	< 66.7		µg/kg wet	66.7						
Aroclor-1262 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1268	< 66.7		µg/kg wet	66.7						
Aroclor-1268 [2C]	< 66.7		µg/kg wet	66.7						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*66.7*		µg/kg wet		*66.7*		*100*	*30-150*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1320629 - SW846 3540C										
Blank (1320629-BLK1)						Prepared: 27-Aug-13 Analyzed: 30-Aug-13				
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*96.7*		µg/kg wet		*66.7*		*145*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*63.3*		µg/kg wet		*66.7*		*95*	*30-150*		
LCS (1320629-BS1)						Prepared: 27-Aug-13 Analyzed: 30-Aug-13				
Aroclor-1016	**647**		µg/kg wet	66.7	833		78	40-140		
Aroclor-1016 [2C]	**587**		µg/kg wet	66.7	833		70	40-140		
Aroclor-1260	**703**		µg/kg wet	66.7	833		84	40-140		
Aroclor-1260 [2C]	**580**		µg/kg wet	66.7	833		70	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*56.7*		µg/kg wet		*66.7*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*83.3*		µg/kg wet		*66.7*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
LCS Dup (1320629-BSD1)						Prepared: 27-Aug-13 Analyzed: 30-Aug-13				
Aroclor-1016	**663**		µg/kg wet	66.7	833		80	40-140	3	30
Aroclor-1016 [2C]	**590**		µg/kg wet	66.7	833		71	40-140	0.6	30
Aroclor-1260	**690**		µg/kg wet	66.7	833		83	40-140	2	30
Aroclor-1260 [2C]	**583**		µg/kg wet	66.7	833		70	40-140	0.6	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*56.7*		µg/kg wet		*66.7*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*83.3*		µg/kg wet		*66.7*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*56.7*		µg/kg wet		*66.7*		*85*	*30-150*		
Duplicate (1320629-DUP1)			**Source: SB75688-29**			Prepared: 27-Aug-13 Analyzed: 30-Aug-13				
Aroclor-1016	< 67.4		µg/kg dry	67.4		BRL				30
Aroclor-1016 [2C]	< 67.4		µg/kg dry	67.4		BRL				30
Aroclor-1221	< 67.4		µg/kg dry	67.4		BRL				30
Aroclor-1221 [2C]	< 67.4		µg/kg dry	67.4		BRL				30
Aroclor-1232	< 67.4		µg/kg dry	67.4		BRL				30
Aroclor-1232 [2C]	< 67.4		µg/kg dry	67.4		BRL				30
Aroclor-1242	< 67.4		µg/kg dry	67.4		BRL				30
Aroclor-1242 [2C]	< 67.4		µg/kg dry	67.4		BRL				30
Aroclor-1248	< 67.4		µg/kg dry	67.4		BRL				30
Aroclor-1248 [2C]	< 67.4		µg/kg dry	67.4		BRL				30
Aroclor-1254	< 67.4		µg/kg dry	67.4		BRL				30
Aroclor-1254 [2C]	< 67.4		µg/kg dry	67.4		BRL				30
Aroclor-1260	< 67.4		µg/kg dry	67.4		BRL				30
Aroclor-1260 [2C]	< 67.4		µg/kg dry	67.4		BRL				30
Aroclor-1262	< 67.4		µg/kg dry	67.4		BRL				30
Aroclor-1262 [2C]	< 67.4		µg/kg dry	67.4		BRL				30
Aroclor-1268	< 67.4		µg/kg dry	67.4		BRL				30
Aroclor-1268 [2C]	< 67.4		µg/kg dry	67.4		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*57.3*		µg/kg dry		*67.4*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*50.5*		µg/kg dry		*67.4*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*80.9*		µg/kg dry		*67.4*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*57.3*		µg/kg dry		*67.4*		*85*	*30-150*		
Matrix Spike (1320629-MS1)			**Source: SB76688-29**			Prepared: 27-Aug-13 Analyzed: 30-Aug-13				
Aroclor-1016	**663**		µg/kg dry	67.0	837	BRL	79	40-140		
Aroclor-1016 [2C]	**596**		µg/kg dry	67.0	837	BRL	71	40-140		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1320629 - SW846 3540C										
Matrix Spike (1320629-MS1)			Source: SB75688-29		Prepared: 27-Aug-13 Analyzed: 30-Aug-13					
Aroclor-1260	**710**		µg/kg dry	67.0	837	BRL	85	40-140		
Aroclor-1260 [2C]	**543**		µg/kg dry	67.0	837	BRL	65	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*53.6*		µg/kg dry		*67.0*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*53.6*		µg/kg dry		*67.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*83.7*		µg/kg dry		*67.0*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*53.6*		µg/kg dry		*67.0*		*80*	*30-150*		
Matrix Spike Dup (1320629-MSD1)			Source: SB75688-29		Prepared: 27-Aug-13 Analyzed: 30-Aug-13					
Aroclor-1016	**675**		µg/kg dry	66.2	828	BRL	82	40-140	3	30
Aroclor-1016 [2C]	**569**		µg/kg dry	66.2	828	BRL	69	40-140	3	30
Aroclor-1260	**705**		µg/kg dry	66.2	828	BRL	85	40-140	0.5	30
Aroclor-1260 [2C]	**553**		µg/kg dry	66.2	828	BRL	67	40-140	3	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*53.0*		µg/kg dry		*66.2*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*49.7*		µg/kg dry		*66.2*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*79.5*		µg/kg dry		*66.2*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*56.3*		µg/kg dry		*66.2*		*85*	*30-150*		
Batch 1320631 - SW846 3540C										
Blank (1320631-BLK1)					Prepared: 27-Aug-13 Analyzed: 29-Aug-13					
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*25.0*		µg/kg wet		*20.0*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*27.0*		µg/kg wet		*20.0*		*135*	*30-150*		
LCS (1320631-BS1)					Prepared: 27-Aug-13 Analyzed: 29-Aug-13					
Aroclor-1016	**177**		µg/kg wet	20.0	250		71	40-140		
Aroclor-1016 [2C]	**183**		µg/kg wet	20.0	250		73	40-140		
Aroclor-1260	**172**		µg/kg wet	20.0	250		69	40-140		
Aroclor-1260 [2C]	**146**		µg/kg wet	20.0	250		58	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1320631 - SW846 3540C										
LCS (1320631-BS1)					Prepared: 27-Aug-13 Analyzed: 29-Aug-13					
Surrogate: Decachlorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
LCS Dup (1320631-BSD1)					Prepared: 27-Aug-13 Analyzed: 29-Aug-13					
Aroclor-1016	**183**		µg/kg wet	20.0	250		73	40-140	3	30
Aroclor-1016 [2C]	**185**		µg/kg wet	20.0	250		74	40-140	1	30
Aroclor-1260	**173**		µg/kg wet	20.0	250		69	40-140	0.6	30
Aroclor-1260 [2C]	**148**		µg/kg wet	20.0	250		59	40-140	1	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Duplicate (1320631-DUP1)			**Source: SB75688-50**		Prepared: 27-Aug-13 Analyzed: 29-Aug-13					
Aroclor-1016	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1016 [2C]	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1221	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1221 [2C]	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1232	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1232 [2C]	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1242	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1242 [2C]	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1248	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1248 [2C]	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1254	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1254 [2C]	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1260	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1260 [2C]	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1262	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1262 [2C]	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1268	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1268 [2C]	< 19.8		µg/kg dry	19.8		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*10.9*		µg/kg dry		*19.8*		*55*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*10.9*		µg/kg dry		*19.8*		*55*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.8*		µg/kg dry		*19.8*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*15.8*		µg/kg dry		*19.8*		*80*	*30-150*		
Matrix Spike (1320631-MS1)			**Source: SB75688-50**		Prepared: 27-Aug-13 Analyzed: 29-Aug-13					
Aroclor-1016	**128**		µg/kg dry	19.7	246	BRL	52	40-140		
Aroclor-1016 [2C]	**137**		µg/kg dry	19.7	248	BRL	56	40-140		
Aroclor-1260	**161**		µg/kg dry	19.7	246	BRL	65	40-140		
Aroclor-1260 [2C]	**120**		µg/kg dry	19.7	246	BRL	49	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.8*		µg/kg dry		*19.7*		*60*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*12.8*		µg/kg dry		*19.7*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*25.6*		µg/kg dry		*19.7*		*130*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*16.7*		µg/kg dry		*19.7*		*85*	*30-150*		
Matrix Spike Dup (1320631-MSD1)			**Source: SB75688-50**		Prepared: 27-Aug-13 Analyzed: 29-Aug-13					
Aroclor-1016	**146**		µg/kg dry	20.3	254	BRL	58	40-140	10	30
Aroclor-1016 [2C]	**151**		µg/kg dry	20.3	254	BRL	60	40-140	7	30
Aroclor-1260	**180**		µg/kg dry	20.3	254	BRL	71	40-140	8	30
Aroclor-1260 [2C]	**135**		µg/kg dry	20.3	254	BRL	53	40-140	9	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*13.2*		µg/kg dry		*20.3*		*65*	*30-150*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1320631 - SW846 3540C										
Matrix Spike Dup (1320631-MSD1)			Source: SB75688-60		Prepared: 27-Aug-13 Analyzed: 29-Aug-13					
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*13.2*		µg/kg dry		*20.3*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*29.5*		µg/kg dry		*20.3*		*145*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*18.3*		µg/kg dry		*20.3*		*90*	*30-150*		
Batch 1320632 - SW846 3540C										
Blank (1320632-BLK1)					Prepared: 27-Aug-13 Analyzed: 28-Aug-13					
Aroclor-1016	< 66.7		µg/kg wet	66.7						
Aroclor-1016 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1221	< 66.7		µg/kg wet	66.7						
Aroclor-1221 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1232	< 66.7		µg/kg wet	66.7						
Aroclor-1232 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1242	< 66.7		µg/kg wet	66.7						
Aroclor-1242 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1248	< 66.7		µg/kg wet	66.7						
Aroclor-1248 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1254	< 66.7		µg/kg wet	66.7						
Aroclor-1254 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1260	< 66.7		µg/kg wet	66.7						
Aroclor-1260 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1262	< 66.7		µg/kg wet	66.7						
Aroclor-1262 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1268	< 66.7		µg/kg wet	66.7						
Aroclor-1268 [2C]	< 66.7		µg/kg wet	66.7						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*76.7*		µg/kg wet		*66.7*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*70.0*		µg/kg wet		*66.7*		*105*	*30-150*		
LCS (1320632-BS1)					Prepared: 27-Aug-13 Analyzed: 28-Aug-13					
Aroclor-1016	**737**		µg/kg wet	66.7	833		88	40-140		
Aroclor-1016 [2C]	**667**		µg/kg wet	66.7	833		80	40-140		
Aroclor-1260	**753**		µg/kg wet	66.7	833		90	40-140		
Aroclor-1260 [2C]	**893**		µg/kg wet	66.7	833		107	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*63.3*		µg/kg wet		*66.7*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*63.3*		µg/kg wet		*66.7*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*90.0*		µg/kg wet		*66.7*		*135*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*96.7*		µg/kg wet		*66.7*		*145*	*30-150*		
LCS Dup (1320632-BSD1)					Prepared: 27-Aug-13 Analyzed: 28-Aug-13					
Aroclor-1016	**763**		µg/kg wet	66.7	833		92	40-140	4	30
Aroclor-1016 [2C]	**667**		µg/kg wet	66.7	833		80	40-140	0	30
Aroclor-1260	**703**		µg/kg wet	66.7	833		84	40-140	7	30
Aroclor-1260 [2C]	**710**		µg/kg wet	66.7	833		85	40-140	23	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*56.7*		µg/kg wet		*66.7*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*86.7*		µg/kg wet		*66.7*		*130*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*96.7*		µg/kg wet		*66.7*		*145*	*30-150*		
Duplicate (1320632-DUP1)			Source: SB75688-80		Prepared: 27-Aug-13 Analyzed: 28-Aug-13					
Aroclor-1016	< 59.4		µg/kg dry	59.4		BRL				30

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Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1320632 - SW846 3540C										
Duplicate (1320632-DUP1)			Source: SB75688-80		Prepared: 27-Aug-13 Analyzed: 28-Aug-13					
Aroclor-1016 [2C]	< 59.4		µg/kg dry	59.4		BRL				30
Aroclor-1221	< 59.4		µg/kg dry	59.4		BRL				30
Aroclor-1221 [2C]	< 59.4		µg/kg dry	59.4		BRL				30
Aroclor-1232	< 59.4		µg/kg dry	59.4		BRL				30
Aroclor-1232 [2C]	< 59.4		µg/kg dry	59.4		BRL				30
Aroclor-1242	< 59.4		µg/kg dry	59.4		BRL				30
Aroclor-1242 [2C]	< 59.4		µg/kg dry	59.4		BRL				30
Aroclor-1248	< 59.4		µg/kg dry	59.4		BRL				30
Aroclor-1248 [2C]	< 59.4		µg/kg dry	59.4		BRL				30
Aroclor-1254	< 59.4		µg/kg dry	59.4		BRL				30
Aroclor-1254 [2C]	< 59.4		µg/kg dry	59.4		BRL				30
Aroclor-1260	< 59.4		µg/kg dry	59.4		BRL				30
Aroclor-1260 [2C]	< 59.4		µg/kg dry	59.4		BRL				30
Aroclor-1262	< 59.4		µg/kg dry	59.4		BRL				30
Aroclor-1262 [2C]	< 59.4		µg/kg dry	59.4		BRL				30
Aroclor-1268	< 59.4		µg/kg dry	59.4		BRL				30
Aroclor-1268 [2C]	< 59.4		µg/kg dry	59.4		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*44.5*		µg/kg dry		*59.4*		*75*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*44.5*		µg/kg dry		*59.4*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*56.4*		µg/kg dry		*59.4*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*56.4*		µg/kg dry		*59.4*		*95*	*30-150*		
Matrix Spike (1320632-MS1)			Source: SB75688-80		Prepared: 27-Aug-13 Analyzed: 28-Aug-13					
Aroclor-1016	**538**		µg/kg dry	55.4	693	BRL	78	40-140		
Aroclor-1016 [2C]	**510**		µg/kg dry	55.4	693	BRL	74	40-140		
Aroclor-1260	**486**		µg/kg dry	55.4	693	BRL	70	40-140		
Aroclor-1260 [2C]	**421**		µg/kg dry	55.4	693	BRL	61	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*41.6*		µg/kg dry		*55.4*		*75*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*41.6*		µg/kg dry		*55.4*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*61.0*		µg/kg dry		*55.4*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*63.7*		µg/kg dry		*55.4*		*115*	*30-150*		
Matrix Spike Dup (1320632-MSD1)			Source: SB75688-80		Prepared: 27-Aug-13 Analyzed: 28-Aug-13					
Aroclor-1016	**458**		µg/kg dry	55.8	698	BRL	66	40-140	17	30
Aroclor-1016 [2C]	**444**		µg/kg dry	55.8	698	BRL	64	40-140	15	30
Aroclor-1260	**410**		µg/kg dry	55.8	698	BRL	59	40-140	17	30
Aroclor-1260 [2C]	**371**		µg/kg dry	55.8	698	BRL	53	40-140	13	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*36.3*		µg/kg dry		*55.8*		*65*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*36.3*		µg/kg dry		*55.8*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*61.4*		µg/kg dry		*55.8*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*50.3*		µg/kg dry		*55.8*		*90*	*30-150*		
Batch 1320768 - SW846 3540C										
Blank (1320768-BLK1)					Prepared: 28-Aug-13 Analyzed: 29-Aug-13					
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1320768 - SW846 3540C										
Blank (1320768-BLK1)						Prepared: 28-Aug-13 Analyzed: 29-Aug-13				
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
LCS (1320768-BS1)						Prepared: 28-Aug-13 Analyzed: 29-Aug-13				
Aroclor-1016	**195**		µg/kg wet	20.0	250		78	40-140		
Aroclor-1016 [2C]	**186**		µg/kg wet	20.0	250		74	40-140		
Aroclor-1260	**161**		µg/kg wet	20.0	250		64	40-140		
Aroclor-1260 [2C]	**142**		µg/kg wet	20.0	250		57	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
LCS Dup (1320768-BSD1)						Prepared: 28-Aug-13 Analyzed: 29-Aug-13				
Aroclor-1016	**192**		µg/kg wet	20.0	250		77	40-140	2	30
Aroclor-1016 [2C]	**193**		µg/kg wet	20.0	250		77	40-140	4	30
Aroclor-1280	**155**		µg/kg wet	20.0	250		62	40-140	4	30
Aroclor-1260 [2C]	**145**		µg/kg wet	20.0	250		58	40-140	2	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1320714 - General Preparation										
Duplicate (1320714-DUP1)			Source: SB75688-01			Prepared & Analyzed: 28-Aug-13				
% Solids	98.2		%			98.1			0.06	20
Batch 1320715 - General Preparation										
Duplicate (1320715-DUP1)			Source: SB75688-21			Prepared & Analyzed: 28-Aug-13				
% Solids	98.7		%			98.8			0.08	20
Batch 1320716 - General Preparation										
Duplicate (1320716-DUP1)			Source: SB75688-41			Prepared & Analyzed: 28-Aug-13				
% Solids	99.0		%			99.1			0.1	20
Batch 1320717 - General Preparation										
Duplicate (1320717-DUP1)			Source: SB75688-61			Prepared & Analyzed: 28-Aug-13				
% Solids	99.7		%			99.8			0.1	20
Batch 1320718 - General Preparation										
Duplicate (1320718-DUP1)			Source: SB75688-81			Prepared & Analyzed: 28-Aug-13				
% Solids	99.8		%			100			0.1	20

Notes and Definitions

D	Data reported from a dilution
GS1	Sample dilution required for high concentration of target analytes to be within the instrument calibration range.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process. but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
Kimberly Wisk
Rebecca Merz

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SB75688

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CHAIN OF CUSTODY RECORD

Page 1 of ____

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Henry Laliberte
21 Griffin Rd North
Windsor, CT, 06095
Telephone #: 860-298-5689
Project Mgr. Henry Laliberte

Invoice To: same

P.O. No.: C183572 RQN:

Project No.: 183572.4445.0710
Site Name: BI.A- Concourse A
Location: Windsor Lks State: CT
Sampler(s): Greg Kaczewski, Zach Pedersen

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= COC 12=

List preservative code below: 11

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= X3=

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analyses: 8082/3540C

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540C	State-specific reporting standards:
183688-01	CA-CO1	8/22/13	1135	G	Xl		1			X	South Jetramp
02	CA-CO2		1128								North Jetramp
03	CA-CO3		1140								SW
04	CA-CO4		14118								East Center
05	CA-CO5		1410								
06	CA-CO6		1425								
07	CA-CO7		1500								
08	CA-CO8		1504								
09	CA-CO9		1506								
10	CA-CO10		1507								

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[signature]	[signature]	8/27/13	920	
	[signature]	8/27/13	1040	

☐ EDD Format
☒ E-mail to HLaliberte@trisolution.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

SO/H/40IR01

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Page 2 of ____

Special Handling:
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- ☒ Rush TAT - Date Needed: 5 day
- All TAT's subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Sameapg 1

Telephone #:

Project Mgr.

Invoice To: Same

P.O. No.: RQN:

Project No.: 183572.4445.0710

Site Name: BFA-Concorse A

Location: Windsor Locks State: CT

Sampler(s): GK, ZP

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= Cool 12=

List preservative code below: 11

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= X3=

G=Grab C=Composite

Containers: # of VOA Vials; # of Amber Glass; # of Clear Glass; # of Plastic

Analyses: SOX/SSVOC

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV* ☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	SOX/SSVOC	State-specific reporting standards
75688-11	CA-CO-11	8/22/13	1507	G	X1		1			1	East Center
12	CA-CO-12		1509								
13	CA-CO 13		1534								
14	CA-CO 14		1537								
15	CA-CO 15	8/23/13	1048								West Center
16	CA-CO 16		1050								
17	CA CO 17		1053								
18	CA-CO 18		1056								
19	CA-CO 19		1059								
20	CA CO 20		1103								

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[signature]	[signature]	8-27-13	1021	
[signature]	JCH	8/27/13	1040	

☐ EDD Format
☐ E-mail to Same

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

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CHAIN OF CUSTODY RECORD

Page 3 of ____

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: Sat day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same

Telephone #:

Project Mgr.

Invoice To: Same

P.O. No.: ____ RQN: ____

Project No.: 183572.4445.0710

Site Name: BIA-Concourse A

Location: Windsor Locks State: CT

Sampler(s): GK, JP

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= Cool 12=

List preservative code below: 11

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= ____ X3= ____

G=Grab C=Composite

Containers: # of VOA Vials; # of Amber Glass; # of Clear Glass; # of Plastic

Analyses: 8082/3540C

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV*
☐ Other ____

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540C								State-specific reporting standards:
1388-21	CA-CO21	8/23/13	1107	G	A		1			1								West Center
22	CA-CO22		1111															
23	CA-CO23		1125															Northwest
24	CA-CO24		1128															
25	CA-CO25		1131															
26	CA-CO26		1134															
27	CA-CO27		1137															
28	CA-CO28		1140					1										
29	CA-CO29		1143															North
30	CA-CO30		1340															

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[signature]	[signature]	8/27/13	921	
	JLH	8/27/13	1040	

☐ EDD Format ____
☒ E-mail to Same

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

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CHAIN OF CUSTODY RECORD

Page 4 of ____

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same

Telephone #:

Project Mgr.

Invoice To: Same

P.O. No.: RQN:

Project No.: 183572.4445.0210

Site Name: BIA-Concave A

Location: Windsor Locks State: CT

Sampler(s): GK, ZP

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= Cool 12=

List preservative code below: 11

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= X3=

G=Grab C=Composite

Containers: # of VOA Vials; # of Amber Glass; # of Clear Glass; # of Plastic

Analyses: 8082/5590C

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards: NE

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/5590C	State-specific reporting standards
75688-31	CA-CO31	8/23/13	1343	G	A			1		✓	NE
32	CA-CO32		1346								
33	CA-CO33		1349								
34	CA-CO34		1353								
35	CA-CO35		1354								East Center
36	CA-CO36		1401								
37	CA-CO37		1405								
38	CA-CO38		1408								
39	CA-CO39		1412								
40	CA-CO40		1417								

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[signature]	[signature]	8-27-13	921	
[signature]	JLH	8/27/13	1040	

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☒ E-mail to Same

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

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CHAIN OF CUSTODY RECORD

Page 5 of ____

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 day
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- Samples disposed of after 60 days unless otherwise instructed.

Report To: same

Telephone #:

Project Mgr.

Invoice To: same

P.O. No.: RQN:

Project No.: 18357R.4445.0710

Site Name: BIA-Concrete A

Location: Windsor Locks State: CT

Sampler(s): GK, ZP

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= Cool 12=

List preservative code below: 11

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=Concrete X2=Soil X3=

G=Grab C=Composite

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	SOC/SVOC	State-specific reporting standards
79288-41	CA-CO 41	8/23/13	1421	G	X1			1		1	East Center
42	CA-CO 42		1425								
43	CA-CO 43		1505								South east
44	CA-CO 44		1509								
45	CA-CO 45		~~1515~~ 1515								
46	CA-CO 46		1518								
47	CA-CO 47		1522								
48	CA-CO 48		1530								West Center
49	CA-S1	8/22/13	1312			X2	1	1			
50	CA-S2		1315					1			

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		8/27/13	920	
		8/27/13	1040	

☐ EDD Format
☒ E-mail to same

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

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CHAIN OF CUSTODY RECORD

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Special Handling:
- ☐ Standard TAT - 7 to 10 business days
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- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same

Telephone #:

Project Mgr.

Invoice To: Same

P.O. No.: RQN:

Project No.: 183572.4445.0710

Site Name: BTA-Concorset

Location: Windsor Locks State: CT

Sampler(s): GK, ZP

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= Cool 12=

List preservative code below: 11

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= X2= Soil X3= Asphalt

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analyses: 8082/8270C

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV* ☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/8270C	State-specific reporting standards
75288-51	CA-S3	8/22/13	1318	G	X2		2			✓	West Center
52	CA-S4		1334								
53	CA-S5		1338								
54	CA-S6		1342								
55	CA-C7		1350								East Center
56	CA-S8		1350								
57	CA-S9	8/23/13	0955								
58	CA-S10		0956								
59	CA-S11		0958								
60	CA-A1	8/22/13	1435		X3						West Center.

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[signature]	[signature]	8/27/13	920	
	JH	8/27/13	1040	

☐ EDD Format
☒ E-mail to Same

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

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CHAIN OF CUSTODY RECORD

Page 2 of ____

Special Handling:
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- ☒ Rush TAT - Date Needed: 5 day
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- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same

Telephone #:

Project Mgr.

Invoice To: same

P.O. No.: RQN:

Project No.: 183572.4445.0210

Site Name: BFA Concrete A

Location: Windsor Locks State: CT

Sampler(s): GK, ZP

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= Cool 12=

List preservative code below: 11

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater SHK=Sheetrock
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= X3= Asphalt

G=Grab C=Composite

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		Analyses: 8082/5540C							State-specific reporting standards:
15188-61	CA-A2	8/22/13	1545	G	X3		1				X							East Center
62	CA-A3	8/23/13	1146					1										North
63	CA-05-SHK1-0"	8/22/13	1015		SHK		1											Janitor Closet
64	CA-CG-CM1-0"		1012		X1													Hallway Room 107
65	CA-CG-CM1-3"		1008															
66	CA-CG-CM1-6"		1004															
67	CA-CG-CM1-12"		1000															
68	CA-CG-CM2-0"		1107															G09
69	CA-CG-CM2-3"		1104															
70	CA-CG-CM2-6"		1100															

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	8/26/13	1600	
	[signature]	8/27/13	920	
	JCH	8/27/13	1040	

☐ EDD Format
☒ E-mail to SGme

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Sol-1 4-dR

41 Almgren Drive • Agawam, MA 01001 • 413-789-9018 • FAX 413-789-4076 • www.spectrum-analytical.com

CT DAS Rate Apply J 25715688

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 8 of ____

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same

Telephone #:

Project Mgr.

Invoice To: Same

P.O. No.: RQN:

Project No.: 185572.4445.0210

Site Name: ~~CT~~ BTA-Concourse A

Location: Windsor Locks State: CT

Sampler(s): GK, ZP

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= COOL 12=

List preservative code below: 11

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater BR-Brick
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air CT-Ceramic
X1= Concrete X2= X3=

G=Grab C=Composite

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		Analyses: 8260/3540C							State-specific reporting standards:
75688-71	CA-C6-CM2-12"	8/22/13	1056	G	X1		1				X							G09
72	CA-C8-BR1-0"	8/23/13	1042		BR		1											West Center
73	CA-C8-BR2-0"	8/23/13	1200					1										East Center
74	CA-WCa-CT1-0"	8/22/13	1028		CT		1											Women Bathy
75	CA-WCa-CT1-3"		1024				1											
76	CA-WCa-CO1-0"		1455		X1		1											East Center Vent
77	CA-WCa-CO1-3"		1453				1											
78	CA-WCa-CO2-0"		1532				1											East Center Door
79	CA-WCa-CO2-3"		1527				1											
80	CA-WCa-BR2-0"	8/23/13	1038		BR		1											West Center

Relinquished by:	Received by:	Date:	Time:	Temp°C
		8/26/13	1600	
		8/27/13	920	
	JM	8/27/13	1040	

☐ EDD Format
☒ E-mail to Same

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

50/-1/4.0 JR 01

PAS Rates Apply

SB750

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 9 of ____

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: Sdy
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: same

Telephone #:

Project Mgr.

Invoice To: same

P.O. No.: RQN:

Project No.: 183522.4445.0710

Site Name: BIA Concrete A

Location: Windsor Locks State: CT

Sampler(s): GK, ZP

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= Cool 12=

DW=Drinking Water GW=Groundwater WW=Wastewater BR - Brick
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= X3=

G=Grab C=Composite

List preservative code below: 11

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8260 / 3540C	
75688-81	CA-WCa-BR1-3"	8/23/13	1035	G	BR		1				West Center
82	CA-WCa-BR2-0"	8/23/13	1306					1			East Center
83	CA-WCa-BR2-3"		1303								
84	CA-WCa-Cm1-0"	8/22/13	1045		X1		1				G-08
85	CA-WCa-Cm1-3"	8/22/13	1042				1				
86	CA-WCa-Cm2-0"		1451				1				Mech 110
87	CA-WCa-Cm2-3"		1444				1				
88	CA-WCa-Cm2-C"		1445				1				
89	CA-WCa-GB1-0"		0933								Vestibule next to 112C
90	CA-WCa-GB1-3"		0930								

Relinquished by:	Received by:	Date:	Time:	Temp°C
		8/26/13	1600	
		8-27-13	9:00	
		8/27/13	(0600)	

☐ EDD Format

☒ E-mail to same

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

50/-1/4.0 IR

Revised Feb 2013

Report Date:
19-Sep-13 14:14

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

#2

Converse A

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: Conn DOT - Windsor Lock[illegible]T
Project #: 183572.4445.00710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB76867-01	CA-CC1-CM1-24"	Concrete	11-Sep-13 14:14	17-Sep-13 16:35
SB76867-02	CA-CC1-CM2-24"	Concrete	11-Sep-13 13:13	17-Sep-13 16:35
SB76867-03	CA-CC1-CM3-36"	Concrete	11-Sep-13 13:23	17-Sep-13 16:35
SB76867-04	CA-CC1-CM3-24"	Concrete	11-Sep-13 13:30	17-Sep-13 16:35
SB76867-05	CA-CC1-CM3-12"	Concrete	11-Sep-13 13:35	17-Sep-13 16:35
SB76867-06	CA-WCA-CM1-6"	Concrete	11-Sep-13 13:50	17-Sep-13 16:35

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 14 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

State Of Connecticut
Department of Environmental Protection
Laboratory Quality Control and Quality Assurance Form

Laboratory Name: Spectrum Analytical, Inc.

Project Location: Conn DOT - Windsor Locks, CT

Project Name and Number: Conn DOT - Windsor Locks, CT / 183572.4445.00710

This form provides certification for the following data set: SB76867-01 through SB76867-06

Sample matrices:	**Analytical methods used:**
Concrete	SM2540 G Mod. SW846 8082A

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain of Custody documentation for the data set?	☑ Yes	☐ No
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed?	☑ Yes	☐ No
C	Were all QC performance standards and recommendations for the specified methods achieved?	☑ Yes	☐ No
D	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☑ Yes	☐ No *

* The compounds and/or elements reported are as specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

Negative responses for A, B and C are addressed in a case narrative on the cover page of this report.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 9/19/2013

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: Conn DOT - Windsor Locks, CT

Project Number: 183572.4445.00710

Sampling Date(s):
9/11/2013

Laboratory Sample ID(s):
SB76867-01 through SB76867-06

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	Yes	✓ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	✓ Yes	No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 9/19/2013

CASE NARRATIVE:

The samples were received 2.7 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8082A

Spikes:

1322436-MSD1 *Source: SB76867-01*

The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

Aroclor-1260
Aroclor-1260 [2C]

Sample Acceptance Check Form

Client:	TRC - Windsor, CT
Project:	Conn DOT - Windsor Locks, CT / 183572.4445.00710
Work Order:	SB76867
Sample(s) received on:	9/17/2013
Received by:	Jessica Hoffman

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
1. Were custody seals present?	☐	☑	☐
2. Were custody seals intact?	☐	☐	☑
3. Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
4. Were samples cooled on ice upon transfer to laboratory representative?	☐	☑	☐
5. Were samples refrigerated upon transfer to laboratory representative?	☐	☑	☐
6. Were sample containers received intact?	☑	☐	☐
7. Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
8. Were samples accompanied by a Chain of Custody document?	☑	☐	☐
9. Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☑	☐	☐
10. Did sample container labels agree with Chain of Custody document?	☑	☐	☐
11. Were samples received within method-specific holding times?	☑	☐	☐

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CC1-CM1-24" [redacted]67-01	183572.4445.00710	Concrete	11-Sep-13 14:14	17-Sep-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 53.6		µg/kg dry	53.6	40.1	1	SW846 8082A	17-Sep-13	18-Sep-13	IMR	1322436	X
11104-28-2	Aroclor-1221	< 53.6		µg/kg dry	53.6	48.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 53.6		µg/kg dry	53.6	34.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 53.6		µg/kg dry	53.6	32.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 53.6		µg/kg dry	53.6	27.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 53.6		µg/kg dry	53.6	44.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	3,960		µg/kg dry	53.6	26.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 53.6		µg/kg dry	53.6	50.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 53.6		µg/kg dry	53.6	22.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	99.2		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322513	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CC1-CM2-24" SB76867-02	183572.4445.00710	Concrete	11-Sep-13 13:13	17-Sep-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.1		µg/kg dry	63.1	47.2	1	SW846 8082A	17-Sep-13	18-Sep-13	IMR	1322436	X
11104-28-2	Aroclor-1221	< 63.1		µg/kg dry	63.1	56.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.1		µg/kg dry	63.1	40.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.1		µg/kg dry	63.1	38.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.1		µg/kg dry	63.1	32.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.1		µg/kg dry	63.1	52.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	8,990		µg/kg dry	63.1	31.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.1		µg/kg dry	63.1	58.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.1		µg/kg dry	63.1	26.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322513	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CC1-CM3-36"	183572.4445.00710	Concrete	11-Sep-13 13:23	17-Sep-13
[illegible]67-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 56.6		µg/kg dry	56.6	42.3	1	SW846 8082A	17-Sep-13	18-Sep-13	IMR	1322436	X
11104-28-2	Aroclor-1221	< 56.6		µg/kg dry	56.6	51.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 56.6		µg/kg dry	56.6	36.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 56.6		µg/kg dry	56.6	34.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 56.6		µg/kg dry	56.6	29.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 56.6		µg/kg dry	56.6	47.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	**4,680**		µg/kg dry	56.6	28.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 56.6		µg/kg dry	56.6	52.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 56.6		µg/kg dry	56.6	23.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**99.3**		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322513	

This laboratory report is not valid without an authorized signature on the cover page.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CC1-CM3-24"	183572.4445.00710	Concrete	11-Sep-13 13:30	17-Sep-13
SB76867-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 56.4		µg/kg dry	56.4	42.2	1	SW846 8082A	17-Sep-13	18-Sep-13	IMR	1322436	X
11104-28-2	Aroclor-1221	< 56.4		µg/kg dry	56.4	50.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 56.4		µg/kg dry	56.4	36.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 56.4		µg/kg dry	56.4	33.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 56.4		µg/kg dry	56.4	29.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 56.4		µg/kg dry	56.4	47.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	7,580		µg/kg dry	58.4	28.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 56.4		µg/kg dry	56.4	52.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 56.4		µg/kg dry	56.4	23.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322513	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-CC1-CM3-12"	183572.4445.00710	Concrete	11-Sep-13 13:35	17-Sep-13
367-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.0		µg/kg dry	60.0	44.9	1	SW846 8082A	17-Sep-13	18-Sep-13	IMR	1322436	X
11104-28-2	Aroclor-1221	< 60.0		µg/kg dry	60.0	54.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.0		µg/kg dry	60.0	38.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.0		µg/kg dry	60.0	36.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.0		µg/kg dry	60.0	31.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.0		µg/kg dry	60.0	50.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	**4,080**		µg/kg dry	60.0	30.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.0		µg/kg dry	60.0	55.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.0		µg/kg dry	60.0	24.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**99.4**		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322513	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CA-WCA-CM1-6"	183572.4445.00710	Concrete	11-Sep-13 13:50	17-Sep-13
SB76867-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.3		µg/kg dry	63.3	47.3	1	SW846 8082A	17-Sep-13	18-Sep-13	IMR	1322436	X
11104-28-2	Aroclor-1221	< 63.3		µg/kg dry	63.3	57.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.3		µg/kg dry	63.3	40.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.3		µg/kg dry	63.3	38.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.3		µg/kg dry	63.3	32.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.3		µg/kg dry	63.3	52.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	**10,100**		µg/kg dry	63.3	31.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.3		µg/kg dry	63.3	59.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.3		µg/kg dry	63.3	26.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322513	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1322436 - SW846 3540C										
Blank (1322436-BLK1)						Prepared: 17-Sep-13 Analyzed: 19-Sep-13				
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
LCS (1322436-BS1)						Prepared: 17-Sep-13 Analyzed: 19-Sep-13				
Aroclor-1016	**210**		µg/kg wet	20.0	250		84	40-140		
Aroclor-1016 [2C]	**201**		µg/kg wet	20.0	250		80	40-140		
Aroclor-1260	**195**		µg/kg wet	20.0	250		78	40-140		
Aroclor-1260 [2C]	**189**		µg/kg wet	20.0	250		76	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.0*		µg/kg wet		*20.0*		*75*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*15.0*		µg/kg wet		*20.0*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*14.0*		µg/kg wet		*20.0*		*70*	*30-150*		
LCS Dup (1322436-BSD1)						Prepared: 17-Sep-13 Analyzed: 19-Sep-13				
Aroclor-1016	**211**		µg/kg wet	20.0	250		84	40-140	0.5	30
Aroclor-1016 [2C]	**202**		µg/kg wet	20.0	250		81	40-140	0.5	30
Aroclor-1260	**198**		µg/kg wet	20.0	250		79	40-140	2	30
Aroclor-1260 [2C]	**196**		µg/kg wet	20.0	250		78	40-140	4	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.0*		µg/kg wet		*20.0*		*75*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*15.0*		µg/kg wet		*20.0*		*75*	*30-150*		
Duplicate (1322436-DUP1)			Source: SB76867-01			Prepared: 17-Sep-13 Analyzed: 18-Sep-13				
Aroclor-1016	< 54.8		µg/kg dry	54.8		BRL				30
Aroclor-1016 [2C]	< 54.8		µg/kg dry	54.8		BRL				30
Aroclor-1221	< 54.8		µg/kg dry	54.8		BRL				30
Aroclor-1221 [2C]	< 54.8		µg/kg dry	54.8		BRL				30
Aroclor-1232	< 54.8		µg/kg dry	54.8		BRL				30
Aroclor-1232 [2C]	< 54.8		µg/kg dry	54.8		BRL				30
Aroclor-1242	< 54.8		µg/kg dry	54.8		BRL				30
Aroclor-1242 [2C]	< 54.8		µg/kg dry	54.8		BRL				30
Aroclor-1248	< 54.8		µg/kg dry	54.8		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1322436 - SW846 3540C										
Duplicate (1322436-DUP1)			Source: SB76867-01		Prepared: 17-Sep-13 Analyzed: 18-Sep-13					
Aroclor-1248 [2C]	< 54.8		µg/kg dry	54.8		BRL				30
Aroclor-1254	< 54.8		µg/kg dry	54.8		BRL				30
Aroclor-1254 [2C]	< 54.8		µg/kg dry	54.8		BRL				30
Aroclor-1260	**3980**		µg/kg dry	54.8		3520			12	30
Aroclor-1260 [2C]	**4330**		µg/kg dry	54.8		3960			9	30
Aroclor-1262	< 54.8		µg/kg dry	54.8		BRL				30
Aroclor-1262 [2C]	< 54.8		µg/kg dry	54.8		BRL				30
Aroclor-1268	< 54.8		µg/kg dry	54.8		BRL				30
Aroclor-1268 [2C]	< 54.8		µg/kg dry	54.8		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*41.1*		µg/kg dry		*54.8*		*75*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*32.9*		µg/kg dry		*54.8*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*38.4*		µg/kg dry		*54.8*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*41.1*		µg/kg dry		*54.8*		*75*	*30-150*		
Matrix Spike (1322436-MS1)			Source: SB76867-01		Prepared: 17-Sep-13 Analyzed: 18-Sep-13					
Aroclor-1016	**635**		µg/kg dry	60.5	756	BRL	84	40-140		
Aroclor-1016 [2C]	**668**		µg/kg dry	60.5	756	BRL	88	40-140		
Aroclor-1260	**4060**		µg/kg dry	60.5	756	3520	71	40-140		
Aroclor-1260 [2C]	**4580**		µg/kg dry	60.5	756	3960	83	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*42.3*		µg/kg dry		*60.5*		*70*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*39.3*		µg/kg dry		*60.5*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*42.3*		µg/kg dry		*60.5*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*42.3*		µg/kg dry		*60.5*		*70*	*30-150*		
Matrix Spike Dup (1322436-MSD1)			Source: SB76867-01		Prepared: 17-Sep-13 Analyzed: 18-Sep-13					
Aroclor-1016	**698**		µg/kg dry	60.5	756	BRL	92	40-140	10	30
Aroclor-1016 [2C]	**783**		µg/kg dry	60.5	756	BRL	104	40-140	16	30
Aroclor-1260	**4380**	QR2	µg/kg dry	60.5	756	3520	114	40-140	47	30
Aroclor-1260 [2C]	**4840**	QR2	µg/kg dry	60.5	756	3960	117	40-140	34	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*45.3*		µg/kg dry		*60.5*		*75*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*30.2*		µg/kg dry		*60.5*		*50*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*48.4*		µg/kg dry		*60.5*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*42.3*		µg/kg dry		*60.5*		*70*	*30-150*		

Notes and Definitions

QR2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
Nicole Leja

Utilize CT DAS Rates ✓ 3076367 JB

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 48 Hr TAT
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Henry Laliberte
21 Griffin Rd North
Windsor CT 06095
(TRC)
Telephone #: 860 298 6266
Project Mgr. H. Laliberte

Invoice To: H. Laliberte

P.O. No.: 193572 RQN:

Project No.: 193572-4445-00710
Site Name: CT DOT - BIA - Concourse A
Location: Windsor Locks State: CT
Sampler(s): M. Kostuchka / T. Morton

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= X3=

G=Grab C=Composite

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV* ☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		Analyses: 8082/35 ppc								State-specific reporting standards:
76807-01	CA-CC1-CM1-24"	9/11/13	1414	G	X1			1			X								Hall o/s rm 175
02	CA-CC1-CM2-24"	↓	1313	↓	↓			↓			X								G09
03	CA-CC1-CM3-36"		1323								X								G10
04	CA-CC1-CM3-24"		1330								X								↓
05	CA-CC1-CM3-12"		1335								X								
06	CA-WCa-CM1-6"		1350								X								G08

32/4/27 IR 01

Relinquished by:	Received by:	Date:	Time:	Temp°C
Jet	Jet	9-17-13	3:35	
		9/17/13	1635	

☐ EDD Format
☒ E-mail to HLaliberte@TRCSolutions.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☒ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Report Date:
12-Aug-13 16:06

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

#1 Concourse B

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: Bradley International Airport-Windsor Locks, CT
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB74359-01	CB-GC-A1	Asphalt	29-Jul-13 15:24	05-Aug-13 16:00
SB74359-02	CB-GC-A2	Asphalt	29-Jul-13 15:40	05-Aug-13 16:00
SB74359-03	CB-GC-A3	Asphalt	29-Jul-13 15:45	05-Aug-13 16:00
SB74359-04	CB-GC-A4	Asphalt	29-Jul-13 16:00	05-Aug-13 16:00
SB74359-05	CB-GC-A5	Asphalt	29-Jul-13 16:05	05-Aug-13 16:00
SB74359-06	CB-GC-A6	Asphalt	30-Jul-13 11:58	05-Aug-13 16:00
SB74359-07	CB-GC-A7	Asphalt	30-Jul-13 12:07	05-Aug-13 16:00
SB74359-08	CB-GC-A8	Asphalt	30-Jul-13 14:15	05-Aug-13 16:00
SB74359-09	CB-GC-A9	Asphalt	30-Jul-13 14:21	05-Aug-13 16:00
SB74359-10	CB-GC-S1	Soil	30-Jul-13 10:20	05-Aug-13 16:00
SB74359-11	CB-GC-S2	Soil	30-Jul-13 10:25	05-Aug-13 16:00
SB74359-12	CB-GC-S3	Soil	30-Jul-13 10:27	05-Aug-13 16:00
SB74359-13	CB-GC-CO1	Concrete	29-Jul-13 12:35	05-Aug-13 16:00
SB74359-14	CB-GC-CO2	Concrete	29-Jul-13 12:40	05-Aug-13 16:00
SB74359-15	CB-GC-CO3	Concrete	29-Jul-13 12:45	05-Aug-13 16:00
SB74359-16	CB-GC-CO4	Concrete	29-Jul-13 13:00	05-Aug-13 16:00
SB74359-17	CB-GC-CO5	Concrete	29-Jul-13 13:05	05-Aug-13 16:00
SB74359-18	CB-GC-CO6	Concrete	29-Jul-13 13:10	05-Aug-13 16:00
SB74359-19	CB-GC-CO7	Concrete	29-Jul-13 13:10	05-Aug-13 16:00
SB74359-20	CB-GC-CO8	Concrete	29-Jul-13 15:22	05-Aug-13 16:00
SB74359-21	CB-GC-CO9	Concrete	29-Jul-13 15:51	05-Aug-13 16:00
SB74359-22	CB-GC-C10	Concrete	29-Jul-13 15:56	05-Aug-13 16:00
SB74359-23	CB-GC-C11	Concrete	29-Jul-13 16:11	05-Aug-13 16:00
SB74359-24	CB-GC-C12	Concrete	29-Jul-13 16:15	05-Aug-13 16:00
SB74359-25	CB-GC-C13	Concrete	30-Jul-13 11:10	05-Aug-13 16:00
SB74359-26	CB-GC-C14	Concrete	30-Jul-13 11:15	05-Aug-13 16:00
SB74359-27	CB-GC-C15	Concrete	30-Jul-13 11:18	05-Aug-13 16:00
SB74359-28	CB-GC-C16	Concrete	30-Jul-13 11:31	05-Aug-13 16:00
SB74359-29	CB-GC-C17	Concrete	30-Jul-13 11:26	05-Aug-13 16:00
SB74359-30	CB-GC-C18	Concrete	30-Jul-13 11:21	05-Aug-13 16:00
SB74359-31	CB-GC-C19	Concrete	30-Jul-13 11:54	05-Aug-13 16:00
SB74359-32	CB-GC-C20	Concrete	30-Jul-13 12:03	05-Aug-13 16:00
SB74359-33	CB-GC-C21	Concrete	30-Jul-13 11:58	05-Aug-13 16:00
SB74359-34	CB-C2-CM 1-0"	Concrete	30-Jul-13 10:10	05-Aug-13 16:00
SB74359-35	CB-C2-CM 2-0"	Concrete	30-Jul-13 10:35	05-Aug-13 16:00
SB74359-36	CB-C2-CO 1-0"	Concrete	30-Jul-13 09:56	05-Aug-13 16:00
SB74359-37	CB-C2-CO 2-0"	Concrete	30-Jul-13 10:20	05-Aug-13 16:00

SB74359-38	CB-C2-BR 1-0"	Brick	30-Jul-13 10:03	05-Aug-13 16:00
SB74359-39	CB-C2-BR 2-0"	Brick	30-Jul-13 10:30	05-Aug-13 16:00
SB74359-40	CB-C4-BR 1-0"	Brick	29-Jul-13 14:25	05-Aug-13 16:00
SB74359-41	CB-C4-BR 1-3"	Brick	29-Jul-13 14:20	05-Aug-13 16:00
SB74359-42	CB-C4-BR 2-0"	Brick	29-Jul-13 14:50	05-Aug-13 16:00
SB74359-43	CB-C4-BR 2-3"	Brick	29-Jul-13 14:46	05-Aug-13 16:00
SB74359-44	CB-C4-BR 3-0"	Brick	30-Jul-13 12:15	05-Aug-13 16:00
SB74359-45	CB-C4-BR 3-3"	Brick	30-Jul-13 12:20	05-Aug-13 16:00

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 57 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: Bradley International Airport-Windsor Locks, CT

Project Number: 183572.4445.0710

Sampling Date(s):
7/29/2013 through 7/30/2013

Laboratory Sample ID(s):
SB74359-01 through SB74359-45

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	Yes	✓ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	✓ Yes	No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 8/12/2013

CASE NARRATIVE:

The samples were received 3.0 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8082A

Spikes:

1318675-MSD1 *Source: SB74359-11*

The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

Aroclor-1016
Aroclor-1016 [2C]
Aroclor-1260
Aroclor-1260 [2C]

Samples:

SB74359-35 *CB-C2-CM 2-0"*

Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

Decachlorobiphenyl (Sr)

Sample Acceptance Check Form

Client:	TRC - Windsor, CT
Project:	Bradley International Airport-Windsor Locks, CT / 183572.4445.0710
Work Order:	SB74359
Sample(s) received on:	8/5/2013
Received by:	Jessica Hoffman

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
1. Were custody seals present?	☐	☑	☐
2. Were custody seals intact?	☐	☐	☑
3. Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
4. Were samples cooled on ice upon transfer to laboratory representative?	☑	☐	☐
5. Were samples refrigerated upon transfer to laboratory representative?	☐	☑	☐
6. Were sample containers received intact?	☑	☐	☐
7. Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
8. Were samples accompanied by a Chain of Custody document?	☑	☐	☐
9. Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☑	☐	☐
10. Did sample container labels agree with Chain of Custody document?	☑	☐	☐
11. Were samples received within method-specific holding times?	☑	☐	☐

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-A1 SB74359-01	183572.4445.0710	Asphalt	29-Jul-13 15:24	05-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 56.3		µg/kg dry	56.3	42.1	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318705	X
11104-28-2	Aroclor-1221	< 56.3		µg/kg dry	56.3	50.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 56.3		µg/kg dry	56.3	36.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 56.3		µg/kg dry	56.3	33.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 56.3		µg/kg dry	56.3	29.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	**149**		µg/kg dry	56.3	33.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	**62.0**		µg/kg dry	56.3	34.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 56.3		µg/kg dry	56.3	52.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 56.3		µg/kg dry	56.3	23.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**98.4**		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-A2 [illegible]4359-02	183572.4445.0710	Asphalt	29-Jul-13 15:40	05-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.0		µg/kg dry	60.0	44.8	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318705	X
11104-28-2	Aroclor-1221	< 60.0		µg/kg dry	60.0	54.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.0		µg/kg dry	60.0	38.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.0		µg/kg dry	60.0	36.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.0		µg/kg dry	60.0	31.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.0		µg/kg dry	60.0	50.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.0		µg/kg dry	60.0	37.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.0		µg/kg dry	60.0	55.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.0		µg/kg dry	60.0	24.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-A3	183572.4445.0710	Asphalt	29-Jul-13 15:45	05-Aug-13
SB74359-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.3		µg/kg dry	61.3	45.8	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318705	X
11104-28-2	Aroclor-1221	< 61.3		µg/kg dry	61.3	55.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.3		µg/kg dry	61.3	39.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.3		µg/kg dry	61.3	36.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1246	< 61.3		µg/kg dry	61.3	31.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 61.3		µg/kg dry	61.3	51.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.3		µg/kg dry	61.3	38.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.3		µg/kg dry	61.3	57.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.3		µg/kg dry	61.3	25.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-A4	183572.4445.0710	Asphalt	29-Jul-13 16:00	05-Aug-13
[redacted]59-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.6		µg/kg dry	65.6	49.0	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318705	X
11104-28-2	Aroclor-1221	< 65.6		µg/kg dry	65.6	59.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.6		µg/kg dry	65.6	42.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.6		µg/kg dry	65.6	39.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.6		µg/kg dry	65.6	34.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 65.6		µg/kg dry	65.6	54.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.6		µg/kg dry	65.6	40.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.6		µg/kg dry	65.6	61.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.6		µg/kg dry	65.6	27.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-A5 SB74359-05	183572.4445.0710	Asphalt	29-Jul-13 16:05	05-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 54.2		µg/kg dry	54.2	40.5	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318705	X
11104-28-2	Aroclor-1221	< 54.2		µg/kg dry	54.2	48.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 54.2		µg/kg dry	54.2	34.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 54.2		µg/kg dry	54.2	32.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 54.2		µg/kg dry	54.2	28.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 54.2		µg/kg dry	54.2	45.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	97.6		µg/kg dry	54.2	27.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 54.2		µg/kg dry	54.2	50.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 54.2		µg/kg dry	54.2	22.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-A6 [illegible]4359-06	183572.4445.0710	Asphalt	30-Jul-13 11:58	05-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 56.9		µg/kg dry	56.9	42.5	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318705	X
11104-28-2	Aroclor-1221	< 56.9		µg/kg dry	56.9	51.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 56.9		µg/kg dry	56.9	36.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 56.9		µg/kg dry	56.9	34.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 56.9		µg/kg dry	56.9	29.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 56.9		µg/kg dry	56.9	47.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 56.9		µg/kg dry	56.9	35.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1282	< 56.9		µg/kg dry	56.9	53.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 56.9		µg/kg dry	56.9	23.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318716	

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* Reportable Detection Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-A7	183572.4445.0710	Asphalt	30-Jul-13 12:07	05-Aug-13
SB74359-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 53.1		µg/kg dry	53.1	39.7	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318705	X
11104-28-2	Aroclor-1221	< 53.1		µg/kg dry	53.1	47.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 53.1		µg/kg dry	53.1	34.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 53.1		µg/kg dry	53.1	31.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 53.1		µg/kg dry	53.1	27.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	356		µg/kg dry	53.1	31.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 53.1		µg/kg dry	53.1	32.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 53.1		µg/kg dry	53.1	49.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 53.1		µg/kg dry	53.1	21.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-A8	183572.4445.0710	Asphalt	30-Jul-13 14:15	05-Aug-13
S[illegible]359-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 51.7		µg/kg dry	51.7	38.6	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318705	X
11104-28-2	Aroclor-1221	< 51.7		µg/kg dry	51.7	46.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 51.7		µg/kg dry	51.7	33.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 51.7		µg/kg dry	51.7	31.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 51.7		µg/kg dry	51.7	26.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	409		µg/kg dry	51.7	30.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 51.7		µg/kg dry	51.7	32.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 51.7		µg/kg dry	51.7	48.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 51.7		µg/kg dry	51.7	21.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-A9				
SB74359-09	183572.4445.0710	Asphalt	30-Jul-13 14:21	05-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 53.3		µg/kg dry	53.3	39.8	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318705	X
11104-28-2	Aroclor-1221	< 53.3		µg/kg dry	53.3	48.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 53.3		µg/kg dry	53.3	34.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 53.3		µg/kg dry	53.3	32.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 53.3		µg/kg dry	53.3	27.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	908		µg/kg dry	53.3	31.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 53.3		µg/kg dry	53.3	33.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 53.3		µg/kg dry	53.3	49.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1266	< 53.3		µg/kg dry	53.3	22.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-S1 S[illegible]59-10	183572.4445.0710	Soil	30-Jul-13 10:20	05-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 20.1		µg/kg dry	20.1	15.0	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318705	X
11104-28-2	Aroclor-1221	< 20.1		µg/kg dry	20.1	18.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 20.1		µg/kg dry	20.1	12.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 20.1		µg/kg dry	20.1	12.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 20.1		µg/kg dry	20.1	10.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	34.1		µg/kg dry	20.1	16.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	45.2		µg/kg dry	20.1	12.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 20.1		µg/kg dry	20.1	18.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 20.1		µg/kg dry	20.1	8.28	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	93.5		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318716	

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* Reportable Detection Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-S2	183572.4445.0710	Soil	30-Jul-13 10:25	05-Aug-13
SB74359-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 19.8		µg/kg dry	19.8	14.8	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318675	X
11104-28-2	Aroclor-1221	< 19.8		µg/kg dry	19.8	17.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 19.8		µg/kg dry	19.8	12.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 19.8		µg/kg dry	19.8	11.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 19.8		µg/kg dry	19.8	10.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	25.8		µg/kg dry	19.8	16.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 19.8		µg/kg dry	19.8	12.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 19.8		µg/kg dry	19.8	18.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 19.8		µg/kg dry	19.8	8.19	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*145*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.3		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-S3 [illegible]1359-12	183572.4445.0710	Soil	30-Jul-13 10:27	05-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 21.0		µg/kg dry	21.0	15.7	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318675	X
11104-28-2	Aroclor-1221	< 21.0		µg/kg dry	21.0	19.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 21.0		µg/kg dry	21.0	13.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 21.0		µg/kg dry	21.0	12.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 21.0		µg/kg dry	21.0	10.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	28.4		µg/kg dry	21.0	17.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	54.7		µg/kg dry	21.0	13.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 21.0		µg/kg dry	21.0	19.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 21.0		µg/kg dry	21.0	8.68	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	93.8		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318716	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-CO1 SB74359-13	183572.4445.0710	Concrete	29-Jul-13 12:35	05-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.9		µg/kg dry	63.9	47.7	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318675	X
11104-28-2	Aroclor-1221	< 63.9		µg/kg dry	63.9	57.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.9		µg/kg dry	63.9	41.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.9		µg/kg dry	63.9	38.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1246	< 63.9		µg/kg dry	63.9	33.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.9		µg/kg dry	63.9	53.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.9		µg/kg dry	63.9	39.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.9		µg/kg dry	63.9	59.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.9		µg/kg dry	63.9	26.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.5		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-CO2 SP74359-14	183572.4445.0710	Concrete	29-Jul-13 12:40	05-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.4		µg/kg dry	63.4	47.3	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318675	X
11104-28-2	Aroclor-1221	< 63.4		µg/kg dry	63.4	57.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.4		µg/kg dry	63.4	40.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.4		µg/kg dry	63.4	38.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.4		µg/kg dry	63.4	33.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.4		µg/kg dry	63.4	52.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.4		µg/kg dry	63.4	39.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.4		µg/kg dry	63.4	59.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.4		µg/kg dry	63.4	26.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.2		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-CO3 SB74359-15	183572.4445.0710	Concrete	29-Jul-13 12:45	05-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 67.4		µg/kg dry	67.4	50.4	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318675	X
11104-28-2	Aroclor-1221	< 67.4		µg/kg dry	67.4	60.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 67.4		µg/kg dry	67.4	43.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 67.4		µg/kg dry	67.4	40.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 67.4		µg/kg dry	67.4	35.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 67.4		µg/kg dry	67.4	56.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 67.4		µg/kg dry	67.4	41.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 67.4		µg/kg dry	67.4	62.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 67.4		µg/kg dry	67.4	27.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.6		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-CO4 [illegible]359-16	183572.4445.0710	Concrete	29-Jul-13 13:00	05-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.1		µg/kg dry	66.1	49.4	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318675	X
11104-28-2	Aroclor-1221	< 66.1		µg/kg dry	66.1	59.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.1		µg/kg dry	66.1	42.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.1		µg/kg dry	66.1	39.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.1		µg/kg dry	66.1	34.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 66.1		µg/kg dry	66.1	55.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.1		µg/kg dry	66.1	41.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.1		µg/kg dry	66.1	61.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.1		µg/kg dry	66.1	27.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.6		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-CO5	183572.4445.0710	Concrete	29-Jul-13 13:05	05-Aug-13
SB74359-17				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.6		µg/kg dry	57.6	43.0	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318675	X
11104-28-2	Aroclor-1221	< 57.6		µg/kg dry	57.6	51.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.6		µg/kg dry	57.6	37.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.6		µg/kg dry	57.6	34.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.6		µg/kg dry	57.6	30.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 57.6		µg/kg dry	57.6	48.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.6		µg/kg dry	57.6	35.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 57.6		µg/kg dry	57.6	53.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.6		µg/kg dry	57.6	23.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.4		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-CO6	183572.4445.0710	Concrete	29-Jul-13 13:10	05-Aug-13
S[illegible]359-18				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.5		µg/kg dry	59.5	44.4	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318675	X
11104-28-2	Aroclor-1221	< 59.5		µg/kg dry	59.5	53.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.5		µg/kg dry	59.5	38.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.5		µg/kg dry	59.5	35.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.5		µg/kg dry	59.5	30.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 59.5		µg/kg dry	59.5	49.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 59.5		µg/kg dry	59.5	36.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.5		µg/kg dry	59.5	55.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.5		µg/kg dry	59.5	24.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.7		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-CO7 SB74359-19	183572.4445.0710	Concrete	29-Jul-13 13:10	05-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.5		µg/kg dry	59.5	44.4	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318675	X
11104-28-2	Aroclor-1221	< 59.5		µg/kg dry	59.5	53.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.5		µg/kg dry	59.5	38.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.5		µg/kg dry	59.5	35.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.5		µg/kg dry	59.5	30.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 59.5		µg/kg dry	59.5	49.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 59.5		µg/kg dry	59.5	36.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.5		µg/kg dry	59.5	55.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.5		µg/kg dry	59.5	24.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*35*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318716	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-CO8	183572.4445.0710	Concrete	29-Jul-13 15:22	05-Aug-13
S[illegible]4359-20				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.2		µg/kg dry	63.2	47.2	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318675	X
11104-28-2	Aroclor-1221	< 63.2		µg/kg dry	63.2	57.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.2		µg/kg dry	63.2	40.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.2		µg/kg dry	63.2	38.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.2		µg/kg dry	63.2	32.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.2		µg/kg dry	63.2	52.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.2		µg/kg dry	63.2	39.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.2		µg/kg dry	63.2	58.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.2		µg/kg dry	63.2	26.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.7		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318716	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-CO9 SB74359-21	183572.4445.0710	Concrete	29-Jul-13 15:51	05-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.6		µg/kg dry	61.6	46.1	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318675	X
11104-28-2	Aroclor-1221	< 61.6		µg/kg dry	61.6	55.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.6		µg/kg dry	61.6	39.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.6		µg/kg dry	61.6	37.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248 [2C]	< 61.6		µg/kg dry	61.6	27.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 61.6		µg/kg dry	61.6	51.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.6		µg/kg dry	61.6	38.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.6		µg/kg dry	61.6	57.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.6		µg/kg dry	61.6	25.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-C10 [illegible]4359-22	183572.4445.0710	Concrete	29-Jul-13 15:56	05-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.3		µg/kg dry	64.3	48.0	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318675	X
11104-28-2	Aroclor-1221	< 64.3		µg/kg dry	64.3	57.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.3		µg/kg dry	64.3	41.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.3		µg/kg dry	64.3	38.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.3		µg/kg dry	64.3	33.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.3		µg/kg dry	64.3	53.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.3		µg/kg dry	64.3	39.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.3		µg/kg dry	64.3	59.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.3		µg/kg dry	64.3	26.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318717	

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* Reportable Detection Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-C11	183572.4445.0710	Concrete	29-Jul-13 16:11	05-Aug-13
SB74359-23				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.6		µg/kg dry	64.6	48.3	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318675	X
11104-28-2	Aroclor-1221	< 64.6		µg/kg dry	64.6	58.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.6		µg/kg dry	64.6	41.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.6		µg/kg dry	64.6	38.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.6		µg/kg dry	64.6	33.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.6		µg/kg dry	64.6	53.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.6		µg/kg dry	64.6	40.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.6		µg/kg dry	64.6	60.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.6		µg/kg dry	64.6	26.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-C12 [illegible]4359-24	183572.4445.0710	Concrete	29-Jul-13 16:15	05-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 53.6		µg/kg dry	53.6	40.0	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318675	X
11104-28-2	Aroclor-1221	< 53.6		µg/kg dry	53.6	48.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 53.6		µg/kg dry	53.6	34.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 53.6		µg/kg dry	53.6	32.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 53.6		µg/kg dry	53.6	27.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 53.6		µg/kg dry	53.6	44.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	123		µg/kg dry	53.6	33.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 53.6		µg/kg dry	53.6	49.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 53.6		µg/kg dry	53.6	22.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-C13	183572.4445.0710	Concrete	30-Jul-13 11:10	05-Aug-13
SB74359-25				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.5		µg/kg dry	62.5	46.7	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318675	X
11104-28-2	Aroclor-1221	< 62.5		µg/kg dry	62.5	56.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.5		µg/kg dry	62.5	40.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.5		µg/kg dry	62.5	37.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.5		µg/kg dry	62.5	32.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.5		µg/kg dry	62.5	52.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.5		µg/kg dry	62.5	38.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.5		µg/kg dry	62.5	58.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.5		µg/kg dry	62.5	25.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.5		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-C14	183572.4445.0710	Concrete	30-Jul-13 11:15	05-Aug-13
S[illegible]59-26				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 51.8		µg/kg dry	51.8	38.7	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318675	X
11104-28-2	Aroclor-1221	< 51.8		µg/kg dry	51.8	46.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 51.8		µg/kg dry	51.8	33.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 51.8		µg/kg dry	51.8	31.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 51.8		µg/kg dry	51.8	27.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 51.8		µg/kg dry	51.8	43.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 51.8		µg/kg dry	51.8	32.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 51.8		µg/kg dry	51.8	48.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 51.8		µg/kg dry	51.8	21.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-C15 SB74359-27	183572.4445.0710	Concrete	30-Jul-13 11:18	05-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.5		µg/kg dry	57.5	42.9	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318675	X
11104-28-2	Aroclor-1221	< 57.5		µg/kg dry	57.5	51.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.5		µg/kg dry	57.5	36.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.5		µg/kg dry	57.5	34.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.5		µg/kg dry	57.5	29.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 57.5		µg/kg dry	57.5	47.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.5		µg/kg dry	57.5	35.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 57.5		µg/kg dry	57.5	53.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.5		µg/kg dry	57.5	23.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*135*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.4		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-C16 S[illegible]359-28	183572.4445.0710	Concrete	30-Jul-13 11:31	05-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 51.7		µg/kg dry	51.7	38.6	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318675	X
11104-28-2	Aroclor-1221	< 51.7		µg/kg dry	51.7	46.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 51.7		µg/kg dry	51.7	33.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 51.7		µg/kg dry	51.7	31.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 51.7		µg/kg dry	51.7	26.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 51.7		µg/kg dry	51.7	43.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 51.7		µg/kg dry	51.7	32.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 51.7		µg/kg dry	51.7	48.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 51.7		µg/kg dry	51.7	21.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318717	

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* Reportable Detection Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-C17 SB74359-29	183572.4445.0710	Concrete	30-Jul-13 11:26	05-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 58.5		µg/kg dry	58.5	43.7	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318675	X
11104-28-2	Aroclor-1221	< 58.5		µg/kg dry	58.5	52.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 58.5		µg/kg dry	58.5	37.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 58.5		µg/kg dry	58.5	35.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 58.5		µg/kg dry	58.5	30.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 58.5		µg/kg dry	58.5	48.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 58.5		µg/kg dry	58.5	36.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 58.5		µg/kg dry	58.5	54.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 58.5		µg/kg dry	58.5	24.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.3		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-C18 S[illegible]59-30	183572.4445.0710	Concrete	30-Jul-13 11:21	05-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.2		µg/kg dry	66.2	49.5	1	SW846 8082A	06-Aug-13	08-Aug-13	IMR	1318675	X
11104-28-2	Aroclor-1221	< 66.2		µg/kg dry	66.2	59.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.2		µg/kg dry	66.2	42.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.2		µg/kg dry	66.2	39.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.2		µg/kg dry	66.2	34.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 66.2		µg/kg dry	66.2	55.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.2		µg/kg dry	66.2	41.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.2		µg/kg dry	66.2	61.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.2		µg/kg dry	66.2	27.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.8		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-C19				
SB74359-31	183572.4445.0710	Concrete	30-Jul-13 11:54	05-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.9		µg/kg dry	66.9	50.0	1	SW846 8082A	06-Aug-13	09-Aug-13	BLM	1318726	X
11104-28-2	Aroclor-1221	< 66.9		µg/kg dry	66.9	60.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.9		µg/kg dry	66.9	43.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.9		µg/kg dry	66.9	40.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.9		µg/kg dry	66.9	34.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 66.9		µg/kg dry	66.9	55.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.9		µg/kg dry	66.9	41.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.9		µg/kg dry	66.9	62.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.9		µg/kg dry	66.9	27.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*145*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.4		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-C20 S[illegible]359-32	183572.4445.0710	Concrete	30-Jul-13 12:03	05-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 58.0		µg/kg dry	58.0	43.3	1	SW846 8082A	06-Aug-13	09-Aug-13	BLM	1318726	X
11104-28-2	Aroclor-1221	< 58.0		µg/kg dry	58.0	52.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 58.0		µg/kg dry	58.0	37.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 58.0		µg/kg dry	58.0	34.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 58.0		µg/kg dry	58.0	30.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 58.0		µg/kg dry	58.0	48.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 58.0		µg/kg dry	58.0	36.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 58.0		µg/kg dry	58.0	54.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 58.0		µg/kg dry	58.0	23.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*135*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.6		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-GC-C21	183572.4445.0710	Concrete	30-Jul-13 11:58	05-Aug-13
SB74359-33				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 55.3		µg/kg dry	55.3	41.3	1	SW846 8082A	06-Aug-13	09-Aug-13	BLM	1318726	X
11104-28-2	Aroclor-1221	< 55.3		µg/kg dry	55.3	49.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 55.3		µg/kg dry	55.3	35.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 55.3		µg/kg dry	55.3	33.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 55.3		µg/kg dry	55.3	28.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 55.3		µg/kg dry	55.3	46.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 55.3		µg/kg dry	55.3	34.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 55.3		µg/kg dry	55.3	51.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 55.3		µg/kg dry	55.3	22.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.5		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C2-CM 1-0"	183572.4445.0710	Concrete	30-Jul-13 10:10	05-Aug-13
[illegible]359-34				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 55.5		µg/kg dry	55.5	41.5	1	SW846 8082A	06-Aug-13	09-Aug-13	BLM	1318726	X
11104-28-2	Aroclor-1221	< 55.5		µg/kg dry	55.5	50.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 55.5		µg/kg dry	55.5	35.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 55.5		µg/kg dry	55.5	33.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 55.5		µg/kg dry	55.5	28.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	186		µg/kg dry	55.5	32.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	111		µg/kg dry	55.5	27.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 55.5		µg/kg dry	55.5	51.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 55.5		µg/kg dry	55.5	22.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C2-CM 2-0" SB74359-35	183572.4445.0710	Concrete	30-Jul-13 10:35	05-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.3		µg/kg dry	62.3	46.5	1	SW846 8082A	06-Aug-13	09-Aug-13	BLM	1318726	X
11104-28-2	Aroclor-1221	< 62.3		µg/kg dry	62.3	56.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.3		µg/kg dry	62.3	40.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.3		µg/kg dry	62.3	37.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.3		µg/kg dry	62.3	32.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.3		µg/kg dry	62.3	51.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.3		µg/kg dry	62.3	38.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.3		µg/kg dry	62.3	58.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.3		µg/kg dry	62.3	25.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*165*	SGC		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*140*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C2-CO 1-0"	183572.4445.0710	Concrete	30-Jul-13 09:56	05-Aug-13
[illegible]359-36				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.4		µg/kg dry	57.4	42.9	1	SW846 8082A	06-Aug-13	09-Aug-13	BLM	1318726	X
11104-28-2	Aroclor-1221	< 57.4		µg/kg dry	57.4	51.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.4		µg/kg dry	57.4	36.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.4		µg/kg dry	57.4	34.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.4		µg/kg dry	57.4	29.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 57.4		µg/kg dry	57.4	47.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.4		µg/kg dry	57.4	35.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 57.4		µg/kg dry	57.4	53.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.4		µg/kg dry	57.4	23.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*140*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C2-CO 2-0" SB74359-37	183572.4445.0710	Concrete	30-Jul-13 10:20	05-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.7		µg/kg dry	62.7	46.8	1	SW846 8082A	06-Aug-13	09-Aug-13	BLM	1318726	X
11104-28-2	Aroclor-1221	< 62.7		µg/kg dry	62.7	56.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.7		µg/kg dry	62.7	40.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.7		µg/kg dry	62.7	37.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.7		µg/kg dry	62.7	32.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.7		µg/kg dry	62.7	52.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.7		µg/kg dry	62.7	38.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.7		µg/kg dry	62.7	58.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.7		µg/kg dry	62.7	25.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*135*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*140*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C2-BR 1-0"	183572.4445.0710	Brick	30-Jul-13 10:03	05-Aug-13
[illegible]359-38				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.2		µg/kg dry	60.2	45.0	1	SW846 8082A	06-Aug-13	09-Aug-13	BLM	1318726	X
11104-28-2	Aroclor-1221	< 60.2		µg/kg dry	60.2	54.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.2		µg/kg dry	60.2	38.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.2		µg/kg dry	60.2	36.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.2		µg/kg dry	60.2	31.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.2		µg/kg dry	60.2	50.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.2		µg/kg dry	60.2	37.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.2		µg/kg dry	60.2	56.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.2		µg/kg dry	60.2	24.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C2-BR 2-0"	183572.4445.0710	Brick	30-Jul-13 10:30	05-Aug-13
SB74359-39				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 54.1		µg/kg dry	54.1	40.4	1	SW846 8082A	06-Aug-13	09-Aug-13	BLM	1318726	X
11104-28-2	Aroclor-1221	< 54.1		µg/kg dry	54.1	46.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 54.1		µg/kg dry	54.1	34.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 54.1		µg/kg dry	54.1	32.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 54.1		µg/kg dry	54.1	28.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 54.1		µg/kg dry	54.1	45.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 54.1		µg/kg dry	54.1	33.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 54.1		µg/kg dry	54.1	50.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 54.1		µg/kg dry	54.1	22.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	100		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318717	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C4-BR 1-0"	183572.4445.0710	Brick	29-Jul-13 14:25	05-Aug-13
S[illegible]59-40				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 55.1		µg/kg dry	55.1	41.2	1	SW846 8082A	06-Aug-13	09-Aug-13	BLM	1318726	X
11104-28-2	Aroclor-1221	< 55.1		µg/kg dry	55.1	49.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 55.1		µg/kg dry	55.1	35.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 55.1		µg/kg dry	55.1	33.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 55.1		µg/kg dry	55.1	28.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	433		µg/kg dry	55.1	32.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 55.1		µg/kg dry	55.1	34.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 55.1		µg/kg dry	55.1	51.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 55.1		µg/kg dry	55.1	22.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318717	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C4-BR 1-3"	183572.4445.0710	Brick	29-Jul-13 14:20	05-Aug-13
SB74359-41				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.4		µg/kg dry	66.4	49.6	1	SW846 8082A	06-Aug-13	09-Aug-13	BLM	1318726	X
11104-28-2	Aroclor-1221	< 66.4		µg/kg dry	66.4	59.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.4		µg/kg dry	66.4	42.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.4		µg/kg dry	66.4	39.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.4		µg/kg dry	66.4	34.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 66.4		µg/kg dry	66.4	55.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.4		µg/kg dry	66.4	41.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.4		µg/kg dry	66.4	61.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.4		µg/kg dry	66.4	27.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	100		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318718	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C4-BR 2-0"	183572.4445.0710	Brick	29-Jul-13 14:50	05-Aug-13
[redacted]59-42				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.3		µg/kg dry	60.3	45.1	1	SW846 8082A	06-Aug-13	09-Aug-13	BLM	1318726	X
11104-28-2	Aroclor-1221	< 60.3		µg/kg dry	60.3	54.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.3		µg/kg dry	60.3	38.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.3		µg/kg dry	60.3	36.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.3		µg/kg dry	60.3	31.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	238		µg/kg dry	60.3	35.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.3		µg/kg dry	60.3	37.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.3		µg/kg dry	60.3	56.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.3		µg/kg dry	60.3	24.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*145*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	100		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318718	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C4-BR 2-3"	183572.4445.0710	Brick	29-Jul-13 14:46	05-Aug-13
SB74359-43				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.7		µg/kg dry	64.7	48.3	1	SW846 8082A	06-Aug-13	09-Aug-13	BLM	1318726	X
11104-28-2	Aroclor-1221	< 64.7		µg/kg dry	64.7	58.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.7		µg/kg dry	64.7	41.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.7		µg/kg dry	64.7	38.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.7		µg/kg dry	64.7	33.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	116		µg/kg dry	64.7	53.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.7		µg/kg dry	64.7	40.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.7		µg/kg dry	64.7	60.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.7		µg/kg dry	64.7	26.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318718	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C4-BR 3-0"	183572.4445.0710	Brick	30-Jul-13 12:15	05-Aug-13
4359-44				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.7		µg/kg dry	60.7	45.3	1	SW846 8082A	06-Aug-13	09-Aug-13	BLM	1318726	X
11104-28-2	Aroclor-1221	< 60.7		µg/kg dry	60.7	54.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.7		µg/kg dry	60.7	39.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.7		µg/kg dry	60.7	36.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.7		µg/kg dry	60.7	31.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.7		µg/kg dry	60.7	50.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.7		µg/kg dry	60.7	37.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.7		µg/kg dry	60.7	56.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.7		µg/kg dry	60.7	25.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	100		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318718	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C4-BR 3-3"	183572.4445.0710	Brick	30-Jul-13 12:20	05-Aug-13
SB74359-45				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 58.5		µg/kg dry	58.5	43.7	1	SW846 8082A	06-Aug-13	09-Aug-13	BLM	1318726	X
11104-28-2	Aroclor-1221	< 58.5		µg/kg dry	58.5	52.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 58.5		µg/kg dry	58.5	37.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 58.5		µg/kg dry	58.5	35.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 58.5		µg/kg dry	58.5	30.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 58.5		µg/kg dry	58.5	48.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 58.5		µg/kg dry	58.5	36.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 58.5		µg/kg dry	58.5	54.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 58.5		µg/kg dry	58.5	24.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	06-Aug-13	06-Aug-13	DT	1318718	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1318675 - SW846 3540C										
Blank (1318675-BLK1)						Prepared: 06-Aug-13 Analyzed: 08-Aug-13				
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
LCS (1318675-BS1)						Prepared: 06-Aug-13 Analyzed: 08-Aug-13				
Aroclor-1016	**284**		µg/kg wet	20.0	250		114	40-140		
Aroclor-1016 [2C]	**287**		µg/kg wet	20.0	250		115	40-140		
Aroclor-1260	**215**		µg/kg wet	20.0	250		86	40-140		
Aroclor-1260 [2C]	**230**		µg/kg wet	20.0	250		92	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*24.0*		µg/kg wet		*20.0*		*120*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*15.0*		µg/kg wet		*20.0*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
LCS Dup (1318675-BSD1)						Prepared: 06-Aug-13 Analyzed: 08-Aug-13				
Aroclor-1016	**275**		µg/kg wet	20.0	250		110	40-140	3	30
Aroclor-1016 [2C]	**287**		µg/kg wet	20.0	250		115	40-140	0	30
Aroclor-1260	**205**		µg/kg wet	20.0	250		82	40-140	5	30
Aroclor-1260 [2C]	**235**		µg/kg wet	20.0	250		94	40-140	2	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*14.0*		µg/kg wet		*20.0*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Duplicate (1318675-DUP1)			**Source: SB74359-11**			Prepared: 06-Aug-13 Analyzed: 08-Aug-13				
Aroclor-1016	< 19.6		µg/kg dry	19.6		BRL				30
Aroclor-1016 [2C]	< 19.6		µg/kg dry	19.6		BRL				30
Aroclor-1221	< 19.6		µg/kg dry	19.6		BRL				30
Aroclor-1221 [2C]	< 19.6		µg/kg dry	19.6		BRL				30
Aroclor-1232	< 19.6		µg/kg dry	19.6		BRL				30
Aroclor-1232 [2C]	< 19.6		µg/kg dry	19.6		BRL				30
Aroclor-1242	< 19.6		µg/kg dry	19.6		BRL				30
Aroclor-1242 [2C]	< 19.6		µg/kg dry	19.6		BRL				30
Aroclor-1248	< 19.6		µg/kg dry	19.6		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1318675 - SW846 3540C										
Duplicate (1318675-DUP1)			**Source: SB74359-11**		Prepared: 06-Aug-13 Analyzed: 08-Aug-13					
Aroclor-1248 [2C]	< 19.6		µg/kg dry	19.6		BRL				30
Aroclor-1254	**25.5**		µg/kg dry	19.6		25.8			1	30
Aroclor-1254 [2C]	**20.6**		µg/kg dry	19.6		23.8			15	30
Aroclor-1260	< 19.6		µg/kg dry	19.6		BRL				30
Aroclor-1260 [2C]	< 19.6		µg/kg dry	19.6		BRL				30
Aroclor-1262	< 19.6		µg/kg dry	19.6		BRL				30
Aroclor-1262 [2C]	< 19.6		µg/kg dry	19.6		BRL				30
Aroclor-1268	< 19.6		µg/kg dry	19.6		BRL				30
Aroclor-1268 [2C]	< 19.6		µg/kg dry	19.6		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.6*		µg/kg dry		*19.6*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.6*		µg/kg dry		*19.6*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.6*		µg/kg dry		*19.6*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*16.7*		µg/kg dry		*19.6*		*85*	*30-150*		
Matrix Spike (1318675-MS1)			**Source: SB74359-11**		Prepared: 06-Aug-13 Analyzed: 08-Aug-13					
Aroclor-1016	**137**		µg/kg dry	19.4	243	BRL	56	40-140		
Aroclor-1016 [2C]	**141**		µg/kg dry	19.4	243	BRL	58	40-140		
Aroclor-1260	**140**		µg/kg dry	19.4	243	BRL	58	40-140		
Aroclor-1260 [2C]	**125**		µg/kg dry	19.4	243	BRL	52	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.6*		µg/kg dry		*19.4*		*60*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*10.7*		µg/kg dry		*19.4*		*55*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*8.73*		µg/kg dry		*19.4*		*45*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*10.7*		µg/kg dry		*19.4*		*55*	*30-150*		
Matrix Spike Dup (1318675-MSD1)			**Source: SB74359-11**		Prepared: 06-Aug-13 Analyzed: 08-Aug-13					
Aroclor-1016	**198**	QR2	µg/kg dry	19.5	244	BRL	81	40-140	36	30
Aroclor-1016 [2C]	**207**	QR2	µg/kg dry	19.5	244	BRL	85	40-140	38	30
Aroclor-1260	**202**	QR2	µg/kg dry	19.5	244	BRL	83	40-140	36	30
Aroclor-1260 [2C]	**196**	QR2	µg/kg dry	19.5	244	BRL	80	40-140	44	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.6*		µg/kg dry		*19.5*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*18.6*		µg/kg dry		*19.5*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*18.6*		µg/kg dry		*19.5*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*13.7*		µg/kg dry		*19.5*		*70*	*30-150*		
Batch 1318705 - SW846 3540C										
Blank (1318705-BLK1)					Prepared: 06-Aug-13 Analyzed: 07-Aug-13					
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1318705 - SW846 3540C										
Blank (1318705-BLK1)						Prepared: 06-Aug-13 Analyzed: 07-Aug-13				
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
LCS (1318705-BS1)						Prepared: 06-Aug-13 Analyzed: 07-Aug-13				
Aroclor-1016	**282**		µg/kg wet	20.0	250		113	40-140		
Aroclor-1016 [2C]	**278**		µg/kg wet	20.0	250		111	40-140		
Aroclor-1260	**233**		µg/kg wet	20.0	250		93	40-140		
Aroclor-1260 [2C]	**262**		µg/kg wet	20.0	250		105	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
LCS Dup (1318705-BSD1)						Prepared: 06-Aug-13 Analyzed: 07-Aug-13				
Aroclor-1016	**286**		µg/kg wet	20.0	250		114	40-140	1	30
Aroclor-1016 [2C]	**280**		µg/kg wet	20.0	250		112	40-140	0.7	30
Aroclor-1260	**233**		µg/kg wet	20.0	250		93	40-140	0	30
Aroclor-1260 [2C]	**259**		µg/kg wet	20.0	250		104	40-140	1	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*24.0*		µg/kg wet		*20.0*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Batch 1318726 - SW846 3540C										
Blank (1318726-BLK1)						Prepared: 06-Aug-13 Analyzed: 12-Aug-13				
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
LCS (1318726-BS1)						Prepared: 06-Aug-13 Analyzed: 12-Aug-13				
Aroclor-1016	**220**		µg/kg wet	20.0	250		88	40-140		
Aroclor-1016 [2C]	**180**		µg/kg wet	20.0	250		72	40-140		

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Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1318726 - SW846 3540C										
LCS (1318726-BS1)					Prepared: 06-Aug-13 Analyzed: 12-Aug-13					
Aroclor-1260	**211**		µg/kg wet	20.0	250		84	40-140		
Aroclor-1260 [2C]	**197**		µg/kg wet	20.0	250		79	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
LCS Dup (1318726-BSD1)					Prepared: 06-Aug-13 Analyzed: 12-Aug-13					
Aroclor-1016	**201**		µg/kg wet	20.0	250		80	40-140	9	30
Aroclor-1016 [2C]	**176**		µg/kg wet	20.0	250		70	40-140	2	30
Aroclor-1260	**213**		µg/kg wet	20.0	250		85	40-140	0.9	30
Aroclor-1260 [2C]	**178**		µg/kg wet	20.0	250		71	40-140	10	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Duplicate (1318726-DUP1)			**Source: SB74359-34**		Prepared: 06-Aug-13 Analyzed: 09-Aug-13					
Aroclor-1016	< 60.2		µg/kg dry	60.2		BRL				30
Aroclor-1016 [2C]	< 60.2		µg/kg dry	60.2		BRL				30
Aroclor-1221	< 60.2		µg/kg dry	60.2		BRL				30
Aroclor-1221 [2C]	< 60.2		µg/kg dry	60.2		BRL				30
Aroclor-1232	< 60.2		µg/kg dry	60.2		BRL				30
Aroclor-1232 [2C]	< 60.2		µg/kg dry	60.2		BRL				30
Aroclor-1242	< 60.2		µg/kg dry	60.2		BRL				30
Aroclor-1242 [2C]	< 60.2		µg/kg dry	60.2		BRL				30
Aroclor-1248	< 60.2		µg/kg dry	60.2		BRL				30
Aroclor-1248 [2C]	< 60.2		µg/kg dry	60.2		BRL				30
Aroclor-1254	**111**		µg/kg dry	60.2		139			22	30
Aroclor-1254 [2C]	**168**		µg/kg dry	60.2		186			10	30
Aroclor-1260	**96.3**		µg/kg dry	60.2		80.5			18	30
Aroclor-1260 [2C]	**126**		µg/kg dry	60.2		111			13	30
Aroclor-1262	< 60.2		µg/kg dry	60.2		BRL				30
Aroclor-1262 [2C]	< 60.2		µg/kg dry	60.2		BRL				30
Aroclor-1268	< 60.2		µg/kg dry	60.2		BRL				30
Aroclor-1268 [2C]	< 60.2		µg/kg dry	60.2		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*57.2*		µg/kg dry		*60.2*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*60.2*		µg/kg dry		*60.2*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*72.2*		µg/kg dry		*60.2*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*87.3*		µg/kg dry		*60.2*		*145*	*30-150*		
Matrix Spike (1318726-MS1)			**Source: SB74359-34**		Prepared: 06-Aug-13 Analyzed: 09-Aug-13					
Aroclor-1016	**618**		µg/kg dry	63.3	792	BRL	78	40-140		
Aroclor-1016 [2C]	**643**		µg/kg dry	63.3	792	BRL	81	40-140		
Aroclor-1260	**675**		µg/kg dry	63.3	792	80.5	75	40-140		
Aroclor-1260 [2C]	**763**		µg/kg dry	63.3	792	111	82	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*63.3*		µg/kg dry		*63.3*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*60.2*		µg/kg dry		*63.3*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*79.2*		µg/kg dry		*63.3*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*88.7*		µg/kg dry		*63.3*		*140*	*30-150*		
Matrix Spike Dup (1318726-MSD1)			**Source: SB74359-34**		Prepared: 06-Aug-13 Analyzed: 09-Aug-13					
Aroclor-1016	**547**		µg/kg dry	52.1	651	BRL	84	40-140	7	30
Aroclor-1016 [2C]	**555**		µg/kg dry	52.1	651	BRL	85	40-140	5	30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1318726 - SW846 3540C										
Matrix Spike Dup (1318726-MSD1)			Source: SB74359-34		Prepared: 05-Aug-13 Analyzed: 09-Aug-13					
Aroclor-1260	**544**		µg/kg dry	52.1	651	80.5	71	40-140	5	30
Aroclor-1260 [2C]	**661**		µg/kg dry	52.1	651	111	85	40-140	3	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*44.3*		µg/kg dry		*52.1*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*49.5*		µg/kg dry		*52.1*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*57.3*		µg/kg dry		*52.1*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*72.9*		µg/kg dry		*52.1*		*140*	*30-150*		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1318716 - General Preparation										
Duplicate (1318716-DUP1)			Source: SB74359-10			Prepared & Analyzed: 06-Aug-13				
% Solids	**94.3**		%			93.5			0.9	20
Batch 1318717 - General Preparation										
Duplicate (1318717-DUP1)			Source: SB74359-21			Prepared & Analyzed: 06-Aug-13				
% Solids	**98.7**		%			98.8			0.06	20

Notes and Definitions

QR2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
June O'Connor
Kimberly Wisk
Nicole Leja

CTDAS Rates Apply

SB74359 UK

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CHAIN OF CUSTODY RECORD

Page 1 of 5

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 Day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Henry Laliberte
21 Griffin Rd North
Windsor CT 06095

Telephone #: 860-798-5689
Project Mgr. Henry Laliberte

Invoice To: Same

P.O. No.: C183572 RQN:

Project No.: 183572.4445.0710
Site Name: Bradley International Airport
Location: Windsor Locks State: CT
Sampler(s): MKatrubs, Greg Kaczmarek, HLaliberte

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Asphalt X2= X3=

G=Grab C=Composite

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV* ☐ Other

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/1570 C	State-specific reporting standards:
74359-01	CB-GC-A1	7/29/13	1524	G	X1			1		X	CW
02	CB-GC-A2		1540								CW
03	CB-GC-A3		1545								CW
04	CB-GC-A4		1600								CW
05	CB-GC-A5		1605								CW
06	CB-GC-A6	7/30/13	1158								NW
07	CB-GC-A7		1207								NW
08	CB-GC-A8		1415								NW
09	CB-GC-A9		1421								NW
10	CB-GC-S1		1020		SO						CW

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		8/5/13	3:15	
	JLH	8/5/13	1600	

☐ EDD Format
☐ E-mail to HLaliberte@trcsolutions.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☒ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

30/0/30 IR01

DAS Ro[illegible] Apply

SB 74359 UK

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CHAIN OF CUSTODY RECORD

Page 2 of 5

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 Day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same as page 1

Telephone #:

Project Mgr.

Invoice To: Same as page 1

P.O. No.: RQN:

Project No.: 183572.4445.0710

Site Name: Bradley International Airport

Location: Windsor Locks State: CT

Sampler(s): MK, GK, HC

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= X2= Concrete X3=

G=Grab C=Composite

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV* ☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: 8082/3540C							State-specific reporting standards:
74359-11	CB-GC-S2	7/30/13	1025	G	SO			1		X							CW
12	CB-GC-S3		1027														CW
13	CB-GC-C01	7/29/13	1235		X2												SW
14	CB-GC-C02		1240														
15	CB-GC-C03		1245														
16	CB-GC-C04		1300														
17	CB-GC-C05		1305														
18	CB-GC-C06		1310														
19	CB-GC-C07		1310														
20	CB-GC-C08		1522														CW

Relinquished by:	Received by:	Date:	Time:	Temp°C
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[illegible]	JCH	8/5/13	1600	

☐ EDD Format
☐ E-mail to Same as page 1

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☒ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

30 / 10 / 30 IR 01

CT Rates Apply

SB 74359 UK

SPECTRUM ANALYTICAL, INC.
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CHAIN OF CUSTODY RECORD

Page 3 of 5

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 days
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same as page 1

Telephone #:

Project Mgr.

Invoice To: Same as page 1

P.O. No.: RQN:

Project No.: 183572.4445.0710

Site Name: Bradley International Airport

Location: Windsor Locks State: CT

Sampler(s): MK, GK, HC

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= X2= Concrete X3=

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analyses: 8260/5540C

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8260/5540C	State-specific reporting standards
74359-21	CB-GC-C09	7/29/13	1551	G	X2			1		X	CW
22	CB-GC-C10		1556								CW
23	CB-GC-C11		1611								CW
24	CB-GC-C12	7/29/13	1615								CW
25	CB-GC-C13	7/30/13	1110								NW
26	CB-GC-C14		1115								
27	CB-GC-C15		1118								
28	CB-GC-C16		1131								
29	CB-GC-C17		1126								
30	CB-GC-C18		1121								

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	JCH	8/5/13	1600	

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Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☒ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

3.0/0/3.0 IR 01

CT DP Rules Apply

SB 74359 DC

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CHAIN OF CUSTODY RECORD

Page 4 of 5

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: Sdly.
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same as page 1

Telephone #:

Project Mgr.

Invoice To: Same as page 1

P.O. No.: RQN:

Project No.: 16572.4445.0710

Site Name: Bradley International Airport

Location: Windsor Locks State: CT

Sampler(s): MK, HC, GK

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= X2= Concrete X3= Brick

G=Grab C=Composite

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	6082/3540C							State-specific reporting standards:
74359-31	CB-GC-C019	7/30/13	1154	G	X4		1	1		1							NW
32	CB-GC-C020		1203														
33	CB_GC-C021		1158														
34	CB-C2-CM1-0"		1010														Lower mech rm B
35	CB-C2-CM2-0"		1035														LMA Area
36	CB-C2-C01-0"		0956														Lower mech rm B
37	CB-C2-C02-0"		1020														LMA Area
38	CB-C2-BR1-0"		1003		X3												Lower mech rm B
39	CB-C2-BR2-0"		1030														LMA Area
40	CB-C4-BR7-0"	7/29/13	1425														SW

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Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☒ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

3.0 / 0 / 3.0 IR 01

CT DAS Rates Apply

SB 74359 UKC

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CHAIN OF CUSTODY RECORD

Page 5 of 5

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 day
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- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same as Page 1

Telephone #:

Project Mgr.

Invoice To: same as page 1

P.O. No.: RQN:

Project No.: 183572.4445.0710

Site Name: Bradley International Airport

Location: Windsor Locks State: CT

Sampler(s): MK, HC, GK

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= X2= X3= Brick

G=Grab C=Composite

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: 8082/5540C	State-specific reporting standards:
74359-41	CB-C4-BR2-3"	7/29/13	1420	G	X3			1		X	SW
42	CB-C4-BR2-0"		1450								SW
43	CB-C4-BR2-3"		1446								SW
44	CB-C4-BR3-0"	7/30/13	1215								NW
45	CB-C4-BR3-3"		1220								NW

State-specific reporting standards:

Relinquished by:	Received by:	Date:	Time:	Temp°C
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	JUH	8/5/13	1600	
3.0 / 0 / 30 IR01				

☐ EDD Format
☐ E-mail to Same as page 1

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☒ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Report Date:
19-Aug-13 16:12

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
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HANIBAL TECHNOLOGY

Laboratory Report

#2
Concourse B

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: Bradley International Airport-Windsor Locks, CT
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB74831-01	CB-C022	Concrete	08-Aug-13 11:03	12-Aug-13 12:50
SB74831-02	CB-C023	Concrete	08-Aug-13 11:06	12-Aug-13 12:50
SB74831-03	CB-C024	Concrete	08-Aug-13 11:08	12-Aug-13 12:50
SB74831-04	CB-C025	Concrete	08-Aug-13 11:12	12-Aug-13 12:50
SB74831-05	CB-C026	Concrete	08-Aug-13 11:14	12-Aug-13 12:50
SB74831-06	CB-C027	Concrete	08-Aug-13 11:17	12-Aug-13 12:50
SB74831-07	CB-C028	Concrete	08-Aug-13 11:18	12-Aug-13 12:50
SB74831-08	CB-C029	Concrete	08-Aug-13 11:20	12-Aug-13 12:50
SB74831-09	CB-C030	Concrete	08-Aug-13 11:24	12-Aug-13 12:50
SB74831-10	CB-C031	Concrete	08-Aug-13 12:13	12-Aug-13 12:50
SB74831-11	CB-C032	Concrete	08-Aug-13 12:15	12-Aug-13 12:50
SB74831-12	CB-C033	Concrete	08-Aug-13 12:17	12-Aug-13 12:50
SB74831-13	CB-C034	Concrete	08-Aug-13 12:20	12-Aug-13 12:50
SB74831-14	CB-C035	Concrete	08-Aug-13 12:22	12-Aug-13 12:50
SB74831-15	CB-C036	Concrete	08-Aug-13 12:25	12-Aug-13 12:50
SB74831-16	CB-C037	Concrete	08-Aug-13 12:27	12-Aug-13 12:50
SB74831-17	CB-C038	Concrete	08-Aug-13 12:30	12-Aug-13 12:50
SB74831-18	CB-S4	Soil	08-Aug-13 11:35	12-Aug-13 12:50
SB74831-19	CB-S5	Soil	08-Aug-13 11:32	12-Aug-13 12:50
SB74831-20	CB-S6	Soil	08-Aug-13 11:46	12-Aug-13 12:50
SB74831-21	CB-S7	Soil	08-Aug-13 11:48	12-Aug-13 12:50
SB74831-22	CB-S8	Soil	08-Aug-13 11:50	12-Aug-13 12:50
SB74831-23	CB-A10	Asphalt	08-Aug-13 11:44	12-Aug-13 12:50
SB74831-24	CB-A11	Asphalt	08-Aug-13 11:46	12-Aug-13 12:50
SB74831-25	CB-A12	Asphalt	08-Aug-13 13:45	12-Aug-13 12:50
SB74831-26	CB-A13	Asphalt	08-Aug-13 13:50	12-Aug-13 12:50
SB74831-27	CB-A14	Asphalt	08-Aug-13 13:52	12-Aug-13 12:50
SB74831-28	CB-C2-CM4-0"	Concrete	09-Aug-13 11:06	12-Aug-13 12:50
SB74831-29	CB-C2-CM5-0"	Concrete	09-Aug-13 11:30	12-Aug-13 12:50
SB74831-30	CB-C2-BR4-0"	Brick	09-Aug-13 11:22	12-Aug-13 12:50
SB74831-31	CB-C2-PL1-0"	Plaster	09-Aug-13 11:55	12-Aug-13 12:50
SB74831-32	CB-C3-CM3-0"	Concrete	09-Aug-13 10:10	12-Aug-13 12:50
SB74831-33	CB-C3-BR3-0"	Brick	09-Aug-13 10:00	12-Aug-13 12:50
SB74831-34	CB-C4-C01-0"	Concrete	08-Aug-13 15:15	12-Aug-13 12:50
SB74831-35	CB-C4-C01-3"	Concrete	08-Aug-13 15:25	12-Aug-13 12:50
SB74831-36	CB-C4-BR4-0"	Brick	08-Aug-13 12:45	12-Aug-13 12:50
SB74831-37	CB-C4-BR4-3"	Brick	08-Aug-13 12:40	12-Aug-13 12:50

SB74831-38	CB-C4-BR5-0"	Brick	08-Aug-13 13:55	12-Aug-13 12:50
SB74831-39	CB-C4-BR5-3"	Brick	08-Aug-13 14:04	12-Aug-13 12:50
SB74831-40	CB-C10-SH1-0"	Sheetrock	09-Aug-13 10:43	12-Aug-13 12:50
SB74831-41	CB-C10-SH2-0"	Sheetrock	09-Aug-13 10:47	12-Aug-13 12:50
SB74831-42	CB-C11-C01-0"	Concrete	08-Aug-13 11:16	12-Aug-13 12:50

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 55 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: Bradley International Airport-Windsor Locks, CT

Project Number: 183572.4445.0710

Sampling Date(s):
8/8/2013 through 8/9/2013

Laboratory Sample ID(s):
SB74831-01 through SB74831-42

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	Yes	✓ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	✓ Yes	No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 8/19/2013

CASE NARRATIVE:

The samples were received 1.4 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8082A

Spikes:

1319506-MSD1 *Source: SB74831-21*

The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

Aroclor-1260

1319508-MSD1 *Source: SB74831-36*

RPD out of acceptance range.

Aroclor-1016 [2C]

The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

Aroclor-1260 [2C]

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Aroclor-1016

Duplicates:

1319506-DUP1 *Source: SB74831-20*

SW846 8082A

Duplicates:

1319506-DUP1 *Source: SB74831-20*

RPD out of acceptance range.

Aroclor-1254
Aroclor-1260
Aroclor-1260 [2C]

1319508-DUP1 *Source: SB74831-36*

Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.

Aroclor-1254
Aroclor-1254 [2C]

Samples:

SB74831-25 *CB-A12*

Difference between the two GC columns is greater than 40%.

Aroclor-1254
Aroclor-1260 [2C]

SB74831-28 *CB-C2-CM4-0"*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

4,4-DB-Octafluorobiphenyl (Sr)

SB74831-31 *CB-C2-PL1-0"*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB74831-40 *CB-C10-SH1-0"*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

4,4-DB-Octafluorobiphenyl (Sr)

SB74831-41 *CB-C10-SH2-0"*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

4,4-DB-Octafluorobiphenyl (Sr)

Sample Acceptance Check Form

Client:	TRC - Windsor, CT
Project:	Bradley International Airport-Windsor Locks, CT / 183572.4445.0710
Work Order:	SB74831
Sample(s) received on:	8/12/2013
Received by:	Tanya Krivolenko

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
1. Were custody seals present?	☐	☑	☐
2. Were custody seals intact?	☐	☐	☑
3. Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
4. Were samples cooled on ice upon transfer to laboratory representative?	☐	☑	☐
5. Were samples refrigerated upon transfer to laboratory representative?	☑	☐	☐
6. Were sample containers received intact?	☑	☐	☐
7. Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
8. Were samples accompanied by a Chain of Custody document?	☑	☐	☐
9. Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☑	☐	☐
10. Did sample container labels agree with Chain of Custody document?	☑	☐	☐
11. Were samples received within method-specific holding times?	☑	☐	☐

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C022 [redacted]31-01	183572.4445.0710	Concrete	08-Aug-13 11:03	12-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 68.0		µg/kg dry	68.0	50.8	1	SW846 8082A	13-Aug-13	16-Aug-13	IMR	1319380	X
11104-28-2	Aroclor-1221	< 68.0		µg/kg dry	68.0	61.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 68.0		µg/kg dry	68.0	43.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 68.0		µg/kg dry	68.0	40.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 68.0		µg/kg dry	68.0	35.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	91.8		µg/kg dry	68.0	56.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 68.0		µg/kg dry	68.0	42.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 68.0		µg/kg dry	68.0	63.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 68.0		µg/kg dry	68.0	28.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.3		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319332	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C023 SB74831-02	183572.4445.0710	Concrete	08-Aug-13 11:06	12-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.1		µg/kg dry	60.1	44.9	1	SW846 8082A	13-Aug-13	16-Aug-13	IMR	1319380	X
11104-28-2	Aroclor-1221	< 60.1		µg/kg dry	60.1	54.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.1		µg/kg dry	60.1	38.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.1		µg/kg dry	60.1	36.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.1		µg/kg dry	60.1	31.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.1		µg/kg dry	60.1	50.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.1		µg/kg dry	60.1	37.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.1		µg/kg dry	60.1	55.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.1		µg/kg dry	60.1	24.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	95.0		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319332	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C024	183572.4445.0710	Concrete	08-Aug-13 11:08	12-Aug-13
[illegible]831-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 55.6		µg/kg dry	55.6	41.5	1	SW846 8082A	13-Aug-13	16-Aug-13	IMR	1319380	X
11104-28-2	Aroclor-1221	< 55.6		µg/kg dry	55.6	50.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 55.6		µg/kg dry	55.6	35.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 55.6		µg/kg dry	55.6	33.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 55.6		µg/kg dry	55.6	28.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 55.6		µg/kg dry	55.6	46.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 55.6		µg/kg dry	55.6	34.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 55.6		µg/kg dry	55.6	51.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 55.6		µg/kg dry	55.6	22.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.6		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319332	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C025	183572.4445.0710	Concrete	08-Aug-13 11:12	12-Aug-13
SB74831-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.4		µg/kg dry	61.4	45.9	1	SW846 8082A	13-Aug-13	16-Aug-13	IMR	1319380	X
11104-28-2	Aroclor-1221	< 61.4		µg/kg dry	61.4	55.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.4		µg/kg dry	61.4	39.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.4		µg/kg dry	61.4	36.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.4		µg/kg dry	61.4	31.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 61.4		µg/kg dry	61.4	51.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.4		µg/kg dry	61.4	38.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.4		µg/kg dry	61.4	57.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.4		µg/kg dry	61.4	25.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.9		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319332	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C026	183572.4445.0710	Concrete	08-Aug-13 11:14	12-Aug-13
[illegible]31-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 54.7		µg/kg dry	54.7	40.9	1	SW846 8082A	13-Aug-13	16-Aug-13	IMR	1319380	X
11104-28-2	Aroclor-1221	< 54.7		µg/kg dry	54.7	49.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 54.7		µg/kg dry	54.7	35.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 54.7		µg/kg dry	54.7	32.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 54.7		µg/kg dry	54.7	28.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 54.7		µg/kg dry	54.7	45.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 54.7		µg/kg dry	54.7	33.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 54.7		µg/kg dry	54.7	51.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 54.7		µg/kg dry	54.7	22.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319332	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C027 SB74831-06	183572.4445.0710	Concrete	08-Aug-13 11:17	12-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 58.6		µg/kg dry	58.6	43.8	1	SW846 8082A	13-Aug-13	16-Aug-13	IMR	1319380	X
11104-28-2	Aroclor-1221	< 58.6		µg/kg dry	58.6	52.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 58.6		µg/kg dry	58.6	37.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 58.6		µg/kg dry	58.6	35.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 58.6		µg/kg dry	58.6	30.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 58.6		µg/kg dry	58.6	48.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 58.6		µg/kg dry	58.6	36.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 58.6		µg/kg dry	58.6	54.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 58.6		µg/kg dry	58.6	24.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.1		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319336	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C028	183572.4445.0710	Concrete	08-Aug-13 11:18	12-Aug-13
S[illegible]1-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.0		µg/kg dry	61.0	45.6	1	SW846 8082A	13-Aug-13	16-Aug-13	IMR	1319360	X
11104-28-2	Aroclor-1221	< 61.0		µg/kg dry	61.0	55.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.0		µg/kg dry	61.0	39.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.0		µg/kg dry	61.0	36.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.0		µg/kg dry	61.0	31.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 61.0		µg/kg dry	61.0	50.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.0		µg/kg dry	61.0	37.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.0		µg/kg dry	61.0	56.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.0		µg/kg dry	61.0	25.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.4		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319336	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C029 SB74831-08	183572.4445.0710	Concrete	08-Aug-13 11:20	12-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.9		µg/kg dry	57.9	43.3	1	SW846 8082A	13-Aug-13	16-Aug-13	IMR	1319380	X
11104-28-2	Aroclor-1221	< 57.9		µg/kg dry	57.9	52.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.9		µg/kg dry	57.9	37.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.9		µg/kg dry	57.9	34.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.9		µg/kg dry	57.9	30.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 57.9		µg/kg dry	57.9	48.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.9		µg/kg dry	57.9	35.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 57.9		µg/kg dry	57.9	53.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.9		µg/kg dry	57.9	23.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.4		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319336	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C030	183572.4445.0710	Concrete	08-Aug-13 11:24	12-Aug-13
831-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.6		µg/kg dry	63.6	47.5	1	SW846 8082A	13-Aug-13	16-Aug-13	IMR	1319380	X
11104-28-2	Aroclor-1221	< 63.6		µg/kg dry	63.6	57.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.6		µg/kg dry	63.6	40.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.6		µg/kg dry	63.6	38.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.6		µg/kg dry	63.6	33.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.6		µg/kg dry	63.6	53.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.6		µg/kg dry	63.6	39.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.6		µg/kg dry	63.6	59.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.6		µg/kg dry	63.6	26.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319336	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C031	183572.4445.0710	Concrete	08-Aug-13 12:13	12-Aug-13
SB74831-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 51.9		µg/kg dry	51.9	38.8	1	SW846 8082A	13-Aug-13	16-Aug-13	IMR	1319380	X
11104-28-2	Aroclor-1221	< 51.9		µg/kg dry	51.9	46.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 51.9		µg/kg dry	51.9	33.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 51.9		µg/kg dry	51.9	31.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 51.9		µg/kg dry	51.9	27.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 51.9		µg/kg dry	51.9	43.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 51.9		µg/kg dry	51.9	32.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 51.9		µg/kg dry	51.9	48.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 51.9		µg/kg dry	51.9	21.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.7		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319336	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C032 [illegible]831-11	183572.4445.0710	Concrete	08-Aug-13 12:15	12-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 55.7		µg/kg dry	55.7	41.6	1	SW846 8082A	13-Aug-13	16-Aug-13	IMR	1319380	X
11104-28-2	Aroclor-1221	< 55.7		µg/kg dry	55.7	50.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 55.7		µg/kg dry	55.7	35.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 55.7		µg/kg dry	55.7	33.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 55.7		µg/kg dry	55.7	28.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 55.7		µg/kg dry	55.7	46.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 55.7		µg/kg dry	55.7	34.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 55.7		µg/kg dry	55.7	51.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 55.7		µg/kg dry	55.7	23.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.3		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319336	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C033 SB74831-12	183572.4445.0710	Concrete	08-Aug-13 12:17	12-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.6		µg/kg dry	63.6	47.5	1	SW846 8082A	13-Aug-13	16-Aug-13	IMR	1319380	X
11104-28-2	Aroclor-1221	< 63.6		µg/kg dry	63.6	57.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.6		µg/kg dry	63.6	40.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.6		µg/kg dry	63.6	38.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.6		µg/kg dry	63.6	33.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.6		µg/kg dry	63.6	53.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.6		µg/kg dry	63.6	39.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.6		µg/kg dry	63.6	59.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.6		µg/kg dry	63.6	26.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319336	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C034	183572.4445.0710	Concrete	08-Aug-13 12:20	12-Aug-13
SB74831-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.6		µg/kg dry	61.6	46.0	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319506	X
11104-28-2	Aroclor-1221	< 61.6		µg/kg dry	61.6	55.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.6		µg/kg dry	61.6	39.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.6		µg/kg dry	61.6	37.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.6		µg/kg dry	61.6	32.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 61.6		µg/kg dry	61.6	51.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.6		µg/kg dry	61.6	38.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.6		µg/kg dry	61.6	57.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.6		µg/kg dry	61.6	25.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319336	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C035	183572.4445.0710	Concrete	08-Aug-13 12:22	12-Aug-13
SB74831-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.0		µg/kg dry	63.0	47.1	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319506	X
11104-28-2	Aroclor-1221	< 63.0		µg/kg dry	63.0	56.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.0		µg/kg dry	63.0	40.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.0		µg/kg dry	63.0	37.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.0		µg/kg dry	63.0	32.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.0		µg/kg dry	63.0	52.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.0		µg/kg dry	63.0	39.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.0		µg/kg dry	63.0	58.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.0		µg/kg dry	63.0	26.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319336	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C036	183572.4445.0710	Concrete	08-Aug-13 12:25	12-Aug-13
S[illegible]1-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 58.5		µg/kg dry	58.5	43.7	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319506	X
11104-28-2	Aroclor-1221	< 58.5		µg/kg dry	58.5	52.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 58.5		µg/kg dry	58.5	37.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 58.5		µg/kg dry	58.5	35.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 58.5		µg/kg dry	58.5	30.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 58.5		µg/kg dry	58.5	48.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 58.5		µg/kg dry	58.5	36.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 58.5		µg/kg dry	58.5	54.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 58.5		µg/kg dry	58.5	24.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319336	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C037	183572.4445.0710	Concrete	08-Aug-13 12:27	12-Aug-13
SB74831-16				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 55.3		µg/kg dry	55.3	41.3	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319506	X
11104-28-2	Aroclor-1221	< 55.3		µg/kg dry	55.3	49.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 55.3		µg/kg dry	55.3	35.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 55.3		µg/kg dry	55.3	33.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 55.3		µg/kg dry	55.3	28.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	60.8		µg/kg dry	55.3	32.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	< 55.3		µg/kg dry	55.3	27.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 55.3		µg/kg dry	55.3	51.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 55.3		µg/kg dry	55.3	22.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319336	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C038	183572.4445.0710	Concrete	08-Aug-13 12:30	12-Aug-13
S[redacted]1-17				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.9		µg/kg dry	59.9	44.8	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319506	X
11104-28-2	Aroclor-1221	< 59.9		µg/kg dry	59.9	54.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.9		µg/kg dry	59.9	38.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.9		µg/kg dry	59.9	36.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.9		µg/kg dry	59.9	31.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 59.9		µg/kg dry	59.9	49.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 59.9		µg/kg dry	59.9	37.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.9		µg/kg dry	59.9	56.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.9		µg/kg dry	59.9	24.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319338	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-S4 SB74831-18	183572.4445.0710	Soil	08-Aug-13 11:35	12-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 19.3		µg/kg dry	19.3	14.4	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319506	X
11104-28-2	Aroclor-1221	< 19.3		µg/kg dry	19.3	17.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 19.3		µg/kg dry	19.3	12.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 19.3		µg/kg dry	19.3	11.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 19.3		µg/kg dry	19.3	10.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	45.4		µg/kg dry	19.3	16.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	36.7		µg/kg dry	19.3	9.66	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 19.3		µg/kg dry	19.3	18.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 19.3		µg/kg dry	19.3	7.96	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.0		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319336	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-S5	183572.4445.0710	Soil	08-Aug-13 11:32	12-Aug-13
S[illegible]4831-19				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 19.8		µg/kg dry	19.8	14.8	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319506	X
11104-28-2	Aroclor-1221	< 19.8		µg/kg dry	19.8	17.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 19.8		µg/kg dry	19.8	12.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 19.8		µg/kg dry	19.8	11.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 19.8		µg/kg dry	19.8	10.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	66.2		µg/kg dry	19.8	11.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	68.2		µg/kg dry	19.8	12.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 19.8		µg/kg dry	19.8	18.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 19.8		µg/kg dry	19.8	8.16	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.5		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319336	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-S6 SB74831-20	183572.4445.0710	Soil	08-Aug-13 11:46	12-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 19.5		µg/kg dry	19.5	14.6	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319506	X
11104-28-2	Aroclor-1221	< 19.5		µg/kg dry	19.5	17.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 19.5		µg/kg dry	19.5	12.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 19.5		µg/kg dry	19.5	11.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 19.5		µg/kg dry	19.5	10.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	242		µg/kg dry	19.5	11.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	606		µg/kg dry	19.5	12.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 19.5		µg/kg dry	19.5	18.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 19.5		µg/kg dry	19.5	8.06	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*40*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*35*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	95.4		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319336	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-S7 SD74831-21	183572.4445.0710	Soil	08-Aug-13 11:48	12-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 21.0		µg/kg dry	21.0	15.7	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319506	X
11104-28-2	Aroclor-1221	< 21.0		µg/kg dry	21.0	18.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 21.0		µg/kg dry	21.0	13.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 21.0		µg/kg dry	21.0	12.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 21.0		µg/kg dry	21.0	10.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	71.4		µg/kg dry	21.0	12.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	49.3		µg/kg dry	21.0	10.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 21.0		µg/kg dry	21.0	19.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 21.0		µg/kg dry	21.0	8.66	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*30*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*30*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	89.5		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319336	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-S8 SB74831-22	183572.4445.0710	Soil	08-Aug-13 11:50	12-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 19.9		µg/kg dry	19.9	14.9	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319506	X
11104-28-2	Aroclor-1221	< 19.9		µg/kg dry	19.9	17.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 19.9		µg/kg dry	19.9	12.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 19.9		µg/kg dry	19.9	12.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 19.9		µg/kg dry	19.9	10.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	29.8		µg/kg dry	19.9	16.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	24.9		µg/kg dry	19.9	12.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 19.9		µg/kg dry	19.9	18.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 19.9		µg/kg dry	19.9	8.20	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	93.0		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319336	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-A10	183572.4445.0710	Asphalt	08-Aug-13 11:44	12-Aug-13
SB74831-23				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 55.9		µg/kg dry	55.9	41.7	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319506	X
11104-28-2	Aroclor-1221	< 55.9		µg/kg dry	55.9	50.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 55.9		µg/kg dry	55.9	35.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 55.9		µg/kg dry	55.9	33.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 55.9		µg/kg dry	55.9	29.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 55.9		µg/kg dry	55.9	46.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 55.9		µg/kg dry	55.9	34.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 55.9		µg/kg dry	55.9	52.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 55.9		µg/kg dry	55.9	23.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319336	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-A11 SB74831-24	183572.4445.0710	Asphalt	08-Aug-13 11:46	12-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 56.3		µg/kg dry	56.3	42.1	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319506	X
11104-28-2	Aroclor-1221	< 56.3		µg/kg dry	56.3	50.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 56.3		µg/kg dry	56.3	36.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 56.3		µg/kg dry	56.3	33.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 56.3		µg/kg dry	56.3	29.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 56.3		µg/kg dry	56.3	46.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 56.3		µg/kg dry	56.3	34.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 56.3		µg/kg dry	56.3	52.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 56.3		µg/kg dry	56.3	23.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319336	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-A12	183572.4445.0710	Asphalt	08-Aug-13 13:45	12-Aug-13
SB74831-25				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 55.7		µg/kg dry	55.7	41.6	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319506	X
11104-28-2	Aroclor-1221	< 55.7		µg/kg dry	55.7	50.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 55.7		µg/kg dry	55.7	35.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 55.7		µg/kg dry	55.7	33.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 55.7		µg/kg dry	55.7	28.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	184	P	µg/kg dry	55.7	46.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	86.3	P	µg/kg dry	55.7	27.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 55.7		µg/kg dry	55.7	51.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 55.7		µg/kg dry	55.7	23.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*40*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319336	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-A13	183572.4445.0710	Asphalt	08-Aug-13 13:50	12-Aug-13
SB74831-26				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.7		µg/kg dry	62.7	46.9	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319506	X
11104-28-2	Aroclor-1221	< 62.7		µg/kg dry	62.7	56.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.7		µg/kg dry	62.7	40.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.7		µg/kg dry	62.7	37.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.7		µg/kg dry	62.7	32.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	455		µg/kg dry	62.7	36.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.7		µg/kg dry	62.7	38.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.7		µg/kg dry	62.7	58.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.7		µg/kg dry	62.7	25.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*40*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319337	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-A14 S[illegible]31-27	183572.4445.0710	Asphalt	08-Aug-13 13:52	12-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 51.5		µg/kg dry	51.5	38.5	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319506	X
11104-28-2	Aroclor-1221	< 51.5		µg/kg dry	51.5	46.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 51.5		µg/kg dry	51.5	33.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 51.5		µg/kg dry	51.5	31.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 51.5		µg/kg dry	51.5	26.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	**286**		µg/kg dry	51.5	30.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 51.5		µg/kg dry	51.5	31.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 51.5		µg/kg dry	51.5	48.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 51.5		µg/kg dry	51.5	21.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319337	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C2-CM4-0" SB74831-28	183572.4445.0710	Concrete	09-Aug-13 11:06	12-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 662	D	µg/kg dry	662	494	10	SW846 8082A	14-Aug-13	19-Aug-13	BLM	1319506	X
11104-28-2	Aroclor-1221	< 662	D	µg/kg dry	662	596	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 662	D	µg/kg dry	662	425	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 662	D	µg/kg dry	662	398	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 662	D	µg/kg dry	662	344	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 662	D	µg/kg dry	662	552	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 662	D	µg/kg dry	662	410	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	49,300	D	µg/kg dry	662	617	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 662	D	µg/kg dry	662	273	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*2800*	S02		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319337	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C2-CM5-0" [illegible]831-29	183572.4445.0710	Concrete	09-Aug-13 11:30	12-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 54.9		µg/kg dry	54.9	41.0	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319506	X
11104-28-2	Aroclor-1221	< 54.9		µg/kg dry	54.9	49.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 54.9		µg/kg dry	54.9	35.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 54.9		µg/kg dry	54.9	33.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 54.9		µg/kg dry	54.9	28.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 54.9		µg/kg dry	54.9	45.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 54.9		µg/kg dry	54.9	34.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 54.9		µg/kg dry	54.9	51.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 54.9		µg/kg dry	54.9	22.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319337	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C2-BR4-0"	183572.4445.0710	Brick	09-Aug-13 11:22	12-Aug-13
SB74831-30				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.7		µg/kg dry	57.7	43.1	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319506	X
11104-28-2	Aroclor-1221	< 57.7		µg/kg dry	57.7	52.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.7		µg/kg dry	57.7	37.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.7		µg/kg dry	57.7	34.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.7		µg/kg dry	57.7	30.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 57.7		µg/kg dry	57.7	48.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.7		µg/kg dry	57.7	35.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 57.7		µg/kg dry	57.7	53.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.7		µg/kg dry	57.7	23.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*40*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319337	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C2-PL1-0" [redacted]831-31	183572.4445.0710	Plaster	09-Aug-13 11:55	12-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1350	D	µg/kg dry	1350	1010	20	SW846 8082A	14-Aug-13	19-Aug-13	BLM	1319506	X
11104-28-2	Aroclor-1221	< 1350	D	µg/kg dry	1350	1220	20	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1350	D	µg/kg dry	1350	869	20	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1350	D	µg/kg dry	1350	814	20	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1350	D	µg/kg dry	1350	704	20	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 1350	D	µg/kg dry	1350	1130	20	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1350	D	µg/kg dry	1350	839	20	"	"	"	"	"	X
37324-23-5	Aroclor-1262	59,400	D	µg/kg dry	1350	1260	20	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1350	D	µg/kg dry	1350	558	20	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	89.0		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319337	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C3-CM3-0" SB74831-32	183572.4445.0710	Concrete	09-Aug-13 10:10	12-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.8		µg/kg dry	57.8	43.2	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319506	X
11104-28-2	Aroclor-1221	< 57.8		µg/kg dry	57.8	52.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.8		µg/kg dry	57.8	37.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.8		µg/kg dry	57.8	34.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.8		µg/kg dry	57.8	30.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 57.8		µg/kg dry	57.8	48.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.8		µg/kg dry	57.8	35.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 57.8		µg/kg dry	57.8	53.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.8		µg/kg dry	57.8	23.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319337	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C3-BR3-0" [illegible]831-33	183572.4445.0710	Brick	09-Aug-13 10:00	12-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.6		µg/kg dry	57.6	43.0	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319508	X
11104-28-2	Aroclor-1221	< 57.6		µg/kg dry	57.6	51.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.6		µg/kg dry	57.6	37.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.6		µg/kg dry	57.6	34.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.6		µg/kg dry	57.6	30.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	164		µg/kg dry	57.6	33.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.6		µg/kg dry	57.6	35.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 57.6		µg/kg dry	57.6	53.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.6		µg/kg dry	57.6	23.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319337	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C4-C01-0"	183572.4445.0710	Concrete	08-Aug-13 15:15	12-Aug-13
SB74831-34				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 56.8		µg/kg dry	56.8	42.4	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319508	X
11104-28-2	Aroclor-1221	< 56.8		µg/kg dry	56.8	51.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 56.8		µg/kg dry	56.8	36.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 56.8		µg/kg dry	56.8	34.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 56.8		µg/kg dry	56.8	29.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	1,270		µg/kg dry	56.8	33.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	483		µg/kg dry	56.8	35.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 56.8		µg/kg dry	56.8	52.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 56.8		µg/kg dry	56.8	23.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319337	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C4-C01-3"	183572.4445.0710	Concrete	08-Aug-13 15:25	12-Aug-13
SB54831-35				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.3		µg/kg dry	64.3	48.0	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319508	X
11104-28-2	Aroclor-1221	< 64.3		µg/kg dry	64.3	57.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.3		µg/kg dry	64.3	41.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.3		µg/kg dry	64.3	38.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.3		µg/kg dry	64.3	33.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	1,430		µg/kg dry	64.3	37.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	203		µg/kg dry	64.3	39.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.3		µg/kg dry	64.3	59.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.3		µg/kg dry	64.3	26.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319337	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C4-BR4-0"	183572.4445.0710	Brick	08-Aug-13 12:45	12-Aug-13
SB74831-36				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 55.5		µg/kg dry	55.5	41.5	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319508	X
11104-28-2	Aroclor-1221	< 55.5		µg/kg dry	55.5	50.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 55.5		µg/kg dry	55.5	35.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 55.5		µg/kg dry	55.5	33.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 55.5		µg/kg dry	55.5	28.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	180		µg/kg dry	55.5	32.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 55.5		µg/kg dry	55.5	34.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 55.5		µg/kg dry	55.5	51.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 55.5		µg/kg dry	55.5	22.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*40*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*40*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*30*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319337	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C4-BR4-3"	183572.4445.0710	Brick	08-Aug-13 12:40	12-Aug-13
S[illegible]831-37				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.7		µg/kg dry	63.7	47.6	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319508	X
11104-28-2	Aroclor-1221	< 63.7		µg/kg dry	63.7	57.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.7		µg/kg dry	63.7	40.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.7		µg/kg dry	63.7	38.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.7		µg/kg dry	63.7	33.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.7		µg/kg dry	63.7	53.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.7		µg/kg dry	63.7	39.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.7		µg/kg dry	63.7	59.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.7		µg/kg dry	63.7	26.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319337	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C4-BR5-0"	183572.4445.0710	Brick	08-Aug-13 13:55	12-Aug-13
SB74831-38				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 58.9		µg/kg dry	58.9	44.0	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319508	X
11104-28-2	Aroclor-1221	< 58.9		µg/kg dry	58.9	53.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 58.9		µg/kg dry	58.9	37.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 58.9		µg/kg dry	58.9	35.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 58.9		µg/kg dry	58.9	30.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	1,010		µg/kg dry	58.9	34.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 58.9		µg/kg dry	58.9	36.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 58.9		µg/kg dry	58.9	54.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 58.9		µg/kg dry	58.9	24.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319337	

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* Reportable Detection Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C4-BR5-3"	183572.4445.0710	Brick	08-Aug-13 14:04	12-Aug-13
S[illegible]831-39				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.7		µg/kg dry	57.7	43.1	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319508	X
11104-28-2	Aroclor-1221	< 57.7		µg/kg dry	57.7	52.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.7		µg/kg dry	57.7	37.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.7		µg/kg dry	57.7	34.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.7		µg/kg dry	57.7	30.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	724		µg/kg dry	57.7	33.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.7		µg/kg dry	57.7	35.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 57.7		µg/kg dry	57.7	53.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.7		µg/kg dry	57.7	23.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319337	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C10-SH1-0"	183572.4445.0710	Sheetrock	09-Aug-13 10:43	12-Aug-13
SB74831-40				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 68.2		µg/kg dry	68.2	50.9	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319508	X
11104-28-2	Aroclor-1221	< 68.2		µg/kg dry	68.2	61.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 68.2		µg/kg dry	68.2	43.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 68.2		µg/kg dry	68.2	41.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 68.2		µg/kg dry	68.2	35.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	314		µg/kg dry	68.2	56.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 68.2		µg/kg dry	68.2	42.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 68.2		µg/kg dry	68.2	63.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 68.2		µg/kg dry	68.2	28.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*815*	S02		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	88.7		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319337	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C10-SH2-0"	183572.4445.0710	Sheetrock	09-Aug-13 10:47	12-Aug-13
SB74831-41				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 73.8		µg/kg dry	73.8	55.1	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319508	X
11104-28-2	Aroclor-1221	< 73.8		µg/kg dry	73.8	66.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 73.8		µg/kg dry	73.8	47.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 73.8		µg/kg dry	73.8	44.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 73.8		µg/kg dry	73.8	38.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	373		µg/kg dry	73.8	43.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	95.9		µg/kg dry	73.8	45.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 73.8		µg/kg dry	73.8	68.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 73.8		µg/kg dry	73.8	30.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*445*	S02		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	85.7		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319337	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C11-C01-0"	183572.4445.0710	Concrete	08-Aug-13 11:16	12-Aug-13
SB74831-42				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 54.4		µg/kg dry	54.4	40.6	1	SW846 8082A	14-Aug-13	17-Aug-13	BLM	1319508	X
11104-28-2	Aroclor-1221	< 54.4		µg/kg dry	54.4	49.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 54.4		µg/kg dry	54.4	34.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 54.4		µg/kg dry	54.4	32.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 54.4		µg/kg dry	54.4	28.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 54.4		µg/kg dry	54.4	45.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 54.4		µg/kg dry	54.4	33.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 54.4		µg/kg dry	54.4	50.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 54.4		µg/kg dry	54.4	22.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.8		%			1	SM2540 G Mod.	13-Aug-13	13-Aug-13	DT	1319337	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1319380 - SW846 3540C										
Blank (1319380-BLK1)						Prepared: 13-Aug-13 Analyzed: 15-Aug-13				
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*13.0*		µg/kg wet		*20.0*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*15.0*		µg/kg wet		*20.0*		*75*	*30-150*		
LCS (1319380-BS1)						Prepared: 13-Aug-13 Analyzed: 15-Aug-13				
Aroclor-1016	**234**		µg/kg wet	20.0	250		94	40-140		
Aroclor-1016 [2C]	**243**		µg/kg wet	20.0	250		97	40-140		
Aroclor-1260	**187**		µg/kg wet	20.0	250		75	40-140		
Aroclor-1260 [2C]	**205**		µg/kg wet	20.0	250		82	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*15.0*		µg/kg wet		*20.0*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
LCS Dup (1319380-BSD1)						Prepared: 13-Aug-13 Analyzed: 15-Aug-13				
Aroclor-1016	**235**		µg/kg wet	20.0	250		94	40-140	0.4	30
Aroclor-1016 [2C]	**242**		µg/kg wet	20.0	250		97	40-140	0.4	30
Aroclor-1260	**190**		µg/kg wet	20.0	250		76	40-140	2	30
Aroclor-1260 [2C]	**208**		µg/kg wet	20.0	250		83	40-140	1	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*15.0*		µg/kg wet		*20.0*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Batch 1319506 - SW846 3540C										
Blank (1319506-BLK1)						Prepared: 14-Aug-13 Analyzed: 17-Aug-13				
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1319506 - SW846 3540C										
Blank (1319506-BLK1)					Prepared: 14-Aug-13 Analyzed: 17-Aug-13					
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
LCS (1319506-BS1)					Prepared: 14-Aug-13 Analyzed: 17-Aug-13					
Aroclor-1016	**284**		µg/kg wet	20.0	250		114	40-140		
Aroclor-1016 [2C]	**251**		µg/kg wet	20.0	250		100	40-140		
Aroclor-1260	**271**		µg/kg wet	20.0	250		108	40-140		
Aroclor-1260 [2C]	**283**		µg/kg wet	20.0	250		113	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*24.0*		µg/kg wet		*20.0*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
LCS Dup (1319506-BSD1)					Prepared: 14-Aug-13 Analyzed: 17-Aug-13					
Aroclor-1016	**266**		µg/kg wet	20.0	250		106	40-140	7	30
Aroclor-1016 [2C]	**255**		µg/kg wet	20.0	250		102	40-140	2	30
Aroclor-1260	**256**		µg/kg wet	20.0	250		102	40-140	6	30
Aroclor-1260 [2C]	**268**		µg/kg wet	20.0	250		107	40-140	5	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*26.0*		µg/kg wet		*20.0*		*130*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Duplicate (1319506-DUP1)			**Source: SB74831-20**		Prepared: 14-Aug-13 Analyzed: 17-Aug-13					
Aroclor-1016	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1016 [2C]	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1221	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1221 [2C]	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1232	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1232 [2C]	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1242	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1242 [2C]	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1248	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1248 [2C]	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1254	**354**	QR5	µg/kg dry	19.8		225			45	30
Aroclor-1254 [2C]	**327**		µg/kg dry	19.8		242			30	30
Aroclor-1260	**973**	QR5	µg/kg dry	19.8		606			46	30
Aroclor-1260 [2C]	**819**	QR5	µg/kg dry	19.8		522			44	30
Aroclor-1262	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1262 [2C]	< 19.8		µg/kg dry	19.8		BRL				30
Aroclor-1268	< 19.8		µg/kg dry	19.8		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1319506 - SW846 3540C										
Duplicate (1319506-DUP1)			**Source: SB74831-20**		Prepared: 14-Aug-13 Analyzed: 17-Aug-13					
Aroclor-1268 [2C]	< 19.8		µg/kg dry	19.8		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.9*		µg/kg dry		*19.8*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*13.9*		µg/kg dry		*19.8*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*11.9*		µg/kg dry		*19.8*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*9.92*		µg/kg dry		*19.8*		*50*	*30-150*		
Matrix Spike (1319506-MS1)			**Source: SB74831-21**		Prepared: 14-Aug-13 Analyzed: 17-Aug-13					
Aroclor-1016	**206**		µg/kg dry	21.8	272	BRL	76	40-140		
Aroclor-1016 [2C]	**159**		µg/kg dry	21.8	272	BRL	58	40-140		
Aroclor-1260	**273**		µg/kg dry	21.8	272	42.0	85	40-140		
Aroclor-1260 [2C]	**238**		µg/kg dry	21.8	272	49.3	69	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.4*		µg/kg dry		*21.8*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*16.3*		µg/kg dry		*21.8*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*13.1*		µg/kg dry		*21.8*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*12.0*		µg/kg dry		*21.8*		*55*	*30-150*		
Matrix Spike Dup (1319506-MSD1)			**Source: SB74831-21**		Prepared: 14-Aug-13 Analyzed: 17-Aug-13					
Aroclor-1016	**173**		µg/kg dry	20.8	261	BRL	66	40-140	13	30
Aroclor-1016 [2C]	**123**		µg/kg dry	20.8	261	BRL	47	40-140	21	30
Aroclor-1260	**198**	QR2	µg/kg dry	20.8	261	42.0	60	40-140	35	30
Aroclor-1260 [2C]	**185**		µg/kg dry	20.8	261	49.3	52	40-140	29	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.6*		µg/kg dry		*20.8*		*75*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*14.6*		µg/kg dry		*20.8*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*13.6*		µg/kg dry		*20.8*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*24.0*		µg/kg dry		*20.8*		*115*	*30-150*		
Batch 1319508 - SW846 3540C										
Blank (1319508-BLK1)					Prepared: 14-Aug-13 Analyzed: 16-Aug-13					
Aroclor-1016	< 66.7		µg/kg wet	66.7						
Aroclor-1016 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1221	< 66.7		µg/kg wet	66.7						
Aroclor-1221 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1232	< 66.7		µg/kg wet	66.7						
Aroclor-1232 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1242	< 66.7		µg/kg wet	66.7						
Aroclor-1242 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1248	< 66.7		µg/kg wet	66.7						
Aroclor-1248 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1254	< 66.7		µg/kg wet	66.7						
Aroclor-1254 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1260	< 66.7		µg/kg wet	66.7						
Aroclor-1260 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1262	< 66.7		µg/kg wet	66.7						
Aroclor-1262 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1268	< 66.7		µg/kg wet	66.7						
Aroclor-1268 [2C]	< 66.7		µg/kg wet	66.7						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*76.7*		µg/kg wet		*66.7*		*115*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*66.7*		µg/kg wet		*66.7*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*73.3*		µg/kg wet		*66.7*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*56.7*		µg/kg wet		*66.7*		*85*	*30-150*		
LCS (1319508-BS1)					Prepared: 14-Aug-13 Analyzed: 16-Aug-13					
Aroclor-1016	**820**		µg/kg wet	66.7	833		98	40-140		
Aroclor-1016 [2C]	**707**		µg/kg wet	66.7	833		85	40-140		

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Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1319508 - SW846 3540C										
LCS (1319508-BS1)					Prepared: 14-Aug-13 Analyzed: 16-Aug-13					
Aroclor-1260	**863**		µg/kg wet	66.7	833		104	40-140		
Aroclor-1260 [2C]	**663**		µg/kg wet	66.7	833		80	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*76.7*		µg/kg wet		*66.7*		*115*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*70.0*		µg/kg wet		*66.7*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*83.3*		µg/kg wet		*66.7*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
LCS Dup (1319508-BSD1)					Prepared: 14-Aug-13 Analyzed: 16-Aug-13					
Aroclor-1016	**823**		µg/kg wet	66.7	833		99	40-140	0.4	30
Aroclor-1016 [2C]	**743**		µg/kg wet	66.7	833		89	40-140	5	30
Aroclor-1260	**780**		µg/kg wet	66.7	833		94	40-140	10	30
Aroclor-1260 [2C]	**757**		µg/kg wet	66.7	833		91	40-140	13	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*76.7*		µg/kg wet		*66.7*		*115*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*73.3*		µg/kg wet		*66.7*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*83.3*		µg/kg wet		*66.7*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*63.3*		µg/kg wet		*66.7*		*95*	*30-150*		
Duplicate (1319508-DUP1)			**Source: SB74831-36**		Prepared: 14-Aug-13 Analyzed: 17-Aug-13					
Aroclor-1016	< 61.1		µg/kg dry	61.1		BRL				30
Aroclor-1016 [2C]	< 61.1		µg/kg dry	61.1		BRL				30
Aroclor-1221	< 61.1		µg/kg dry	61.1		BRL				30
Aroclor-1221 [2C]	< 61.1		µg/kg dry	61.1		BRL				30
Aroclor-1232	< 61.1		µg/kg dry	61.1		BRL				30
Aroclor-1232 [2C]	< 61.1		µg/kg dry	61.1		BRL				30
Aroclor-1242	< 61.1		µg/kg dry	61.1		BRL				30
Aroclor-1242 [2C]	< 61.1		µg/kg dry	61.1		BRL				30
Aroclor-1248	< 61.1		µg/kg dry	61.1		BRL				30
Aroclor-1248 [2C]	< 61.1		µg/kg dry	61.1		BRL				30
Aroclor-1254	**235**	QM4	µg/kg dry	61.1		167			34	30
Aroclor-1254 [2C]	**257**	QM4	µg/kg dry	61.1		180			35	30
Aroclor-1260	< 61.1		µg/kg dry	61.1		BRL				30
Aroclor-1260 [2C]	< 61.1		µg/kg dry	61.1		BRL				30
Aroclor-1262	< 61.1		µg/kg dry	61.1		BRL				30
Aroclor-1262 [2C]	< 61.1		µg/kg dry	61.1		BRL				30
Aroclor-1268	< 61.1		µg/kg dry	61.1		BRL				30
Aroclor-1268 [2C]	< 61.1		µg/kg dry	61.1		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*39.7*		µg/kg dry		*61.1*		*65*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*39.7*		µg/kg dry		*61.1*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*45.9*		µg/kg dry		*61.1*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*36.7*		µg/kg dry		*61.1*		*60*	*30-150*		
Matrix Spike (1319508-MS1)			**Source: SB74831-36**		Prepared: 14-Aug-13 Analyzed: 17-Aug-13					
Aroclor-1016	**492**		µg/kg dry	62.7	392	BRL	126	40-140		
Aroclor-1016 [2C]	**433**		µg/kg dry	62.7	392	BRL	110	40-140		
Aroclor-1260	**254**		µg/kg dry	62.7	392	BRL	65	40-140		
Aroclor-1260 [2C]	**191**		µg/kg dry	62.7	392	BRL	49	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*25.1*		µg/kg dry		*62.7*		*40*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*25.1*		µg/kg dry		*62.7*		*40*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*25.1*		µg/kg dry		*62.7*		*40*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*18.8*		µg/kg dry		*62.7*		*30*	*30-150*		
Matrix Spike Dup (1319508-MSD1)			**Source: SB74831-36**		Prepared: 14-Aug-13 Analyzed: 17-Aug-13					
Aroclor-1016	**496**	QM7	µg/kg dry	53.1	332	BRL	150	40-140	17	30
Aroclor-1016 [2C]	**255**	QR5	µg/kg dry	53.1	332	BRL	77	40-140	36	30

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* Reportable Detection Limit

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1319508 - SW846 3540C										
Matrix Spike Dup (1319508-MSD1)			**Source: SB74831-36**		Prepared: 14-Aug-13 Analyzed: 17-Aug-13					
Aroclor-1260	**226**		µg/kg dry	53.1	332	BRL	68	40-140	5	30
Aroclor-1260 [2C]	**236**	QR2	µg/kg dry	53.1	332	BRL	71	40-140	37	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*26.5*		µg/kg dry		*53.1*		*50*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*26.5*		µg/kg dry		*53.1*		*50*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*23.9*		µg/kg dry		*53.1*		*45*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*21.2*		µg/kg dry		*53.1*		*40*	*30-150*		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1319336 - General Preparation										
Duplicate (1319336-DUP1)			Source: SB74831-06			Prepared & Analyzed: 13-Aug-13				
% Solids	98.4		%			98.1			0.3	20
Batch 1319337 - General Preparation										
Duplicate (1319337-DUP1)			Source: SB74831-28			Prepared & Analyzed: 13-Aug-13				
% Solids	98.8		%			98.9			0.05	20

Notes and Definitions

D	Data reported from a dilution
GS1	Sample dilution required for high concentration of target analytes to be within the instrument calibration range.
P	Difference between the two GC columns is greater than 40%.
QM4	Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR5	RPD out of acceptance range.
S01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
Kimberly Wisk
Nicole Leja

CT DAS Rules Apply

SB574 1.RN

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 5

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Henry Laliberte
21 Griffin Rd North
Windsor Locks CT 06095
Telephone #: 860-298-5689
Project Mgr. Same

Invoice To: Same
P.O. No.: C185572 RQN:

Project No.: 185572.4445.0710
Site Name: Bradley International Airport-Conc. B
Location: Windsor Locks State: CT
Sampler(s): MKaltrubs, GKaczynski

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= cool 12=

List preservative code below: 11

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= X3=

G=Grab C=Composite

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: SOC/SVOC	State-specific reporting standards:
SB7423LA	CB-C022	8/8/13	1103	G	X1			2		X	SE
-02	CB-C023		1106								
-03	CB-C024		1108								
-04	CB-C025		1112								
-05	CB-C026		1114								
-06	CB-C027		1117								
-07	CB-C028		1118								
-08	CB-C029		1120								
-09	CB-C030		1124								
-10	CB-C031		1213								NE

Relinquished by:	Received by:	Date:	Time:	Temp°C
		8-12-13	1800	
		8/9/13	1600	
		8-12-13	12:50	

☐ EDD Format
☐ E-mail to HLaliberte@trcsolutions.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

24/-1/14 IR02

GDAS Rules Apply

SB74831.PY

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 5

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same as pg 1

Telephone #:

Project Mgr.

Invoice To: Same as pg 1

P.O. No.: RQN:

Project No.: B3572.4445.0210

Site Name: Bradley International Airport - Cor. B

Location: Windsor Locks State: CT

Sampler(s): M Kostuba, G Kaczynski

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= Cool 12=

List preservative code below: 11

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= X3=

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analyses: 8082/5040

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/5040	State-specific reporting standards
SB74831.11	CB-C032	8/8/13	1215	G	X1			1		X	NE
-12	CB-C033		1217								
-13	CB-C034		1220								
-14	CB-C035		1222								
-15	CB-C036		1225								
-16	CB-C037		1227								
-17	CB-C0038		1230								
-18	CB-S4		1135		SO						CE
-19	CB-S5		1132								
-20	CB-S6		1146								

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	8-12-13	1200	
[signature]	[signature]	8/9/13	1600	
	[signature]	8-12-13	1250	

☐ EDD Format

☐ E-mail to Same as pg 1

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

2.4 L-1 L4 IR02

GPAs Rates Apply SB74[illegible]31 R4

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CHAIN OF CUSTODY RECORD

Page 3 of 5

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: 5 day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same as pg 1

Telephone #:

Project Mgr.

Invoice To: Same as pg 1

P.O. No.: RQN:

Project No.: 183572.4445.00710

Site Name: Bradley Int. Airport - Conc. B

Location: Windsor Locks State: CT

Sampler(s): MK, GK

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= Cool 12=

List preservative code below: 11

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= Asphalt X3= Brick

G=Grab C=Composite

Containers: # of VOA Vials; # of Amber Glass; # of Clear Glass; # of Plastic

Analyses: SOC/LS/PCC

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☑ No☐

QA/QC Reporting Level
☑ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	SOC/LS/PCC	State-specific reporting standards
SB74831-21	CB-S57	8/8/13	1148	G	SO			1		X	CE
-22	CB-S8		1150								
-23	CB-A10		1144		X2						
-24	CB-A11		1146								
-25	CB-A12		1345								NJ
-26	CB-A13		1350								
-27	CB-A14		1352								
-28	CB-C2-CM4-0"	8/9/13	1106		X1						TWA Hold From East
-29	CB-C2-CM5-0"		1130								Bridge-Interior
-30	CB-C2-BR4-0"		1122		X3						West-Dr

Relinquished by:	Received by:	Date	Time	Temp°C
[signature]	[signature]	~~8-8-13~~ 8/9/13	~~1200~~ 1600	
[signature]	[signature]	8-12-13	12:50	

☐ EDD Format
☐ E-mail to Same as page 1

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☑ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

24 1-1-14 IR02

CT PAS Rates Apply

SB7483 : RM

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 4 of 5

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same as pg 1

Telephone #:

Project Mgr.

Invoice To: Same as pg 1

P.O. No.: RQN:

Project No.: 183572.4445.0716

Site Name: Bradley Int. Airport, Conc. B

Location: Windsor Locks State: CT

Sampler(s): MK, GK

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= Cool 12=

List preservative code below: 11

DW=Drinking Water GW=Groundwater WW=Wastewater PL = Plaster
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air SHR-Sheetrock
X1= Concrete X2= X3= Brick

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analyses: X8082/15940C

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/15940C	State-specific reporting standards:
SB7483.31	CB-C2-PL1-0"	8/9/13	1155	G	PL			1		X	Room 147
-32	CB-C3-CM3-0"		1010		X1						B20 Boarding Ramp
-33	CB-C3-BR3-0"		1000		X3						
-34	CB-C4-CO1-0"	8/8/13	1515		X11						
-35	CB-C4-CO1-3"		1525								
-36	CB-C4-BR4-0"	8/8/13	1245		X3						NE
-37	CB-C4-BR4-3"		1240								
-38	CB-C4-BR5-0"		1355								NJ
-39	CB-C4-BR5-3"		1404								
-40	CB-C10-SH1-0"	8/9/13	1043		SHR						TW A Holding Room NW

Relinquished by:	Received by:	Date	Time	Temp°C
		8-12-13	1200	
		8/9/13	1600	
		8-12-13	12:50	

☐ EDD Format

☐ E-mail to Same as pg 1

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

24/-1/14 IR02

11 Almgren Drive • Agawam, MA 01001 • 413-789-9018 • FAX 413-789-4076 • www.spectrum-analytical.com

Revised Feb 2013

CT D[illegible] Rates Apply SB[illegible]33.1R4

SPECTRUM ANALYTICAL, INC.
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HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 5 of 5

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same as pg 1

Telephone #:

Project Mgr.

Invoice To: Same

P.O. No.: RQN:

Project No.: 18352.4445.0210

Site Name: Bradley Int. Airport - Conc. B

Location: Windsor Locks State: CT

Sampler(s): MK, GK

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= Cool 12=

List preservative code below: 11

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater SHR=Sheetrock
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= X3=

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analyses: SB82/8270

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	SB82/8270	State-specific reporting standards:
SB[illegible]-41	CB-C10-SH2-0"	8/9/13	1047	G	SHR			1		X	TWA Holding Room NE
-42	CB-C11-CO2-0"	8/8/13	1116		X1						SE
-43	~~CB-CC7-OM1-0"~~	8/9/13	1035								TWA Holding Room
-44	~~CB-CC7-OM1-3"~~		1030								
-45	~~CB-CC7-OM2-0"~~		1100								TWA Holding Room East
-46	~~CB-CC7-OM2-3"~~		1055								
-47	~~CB-CC7-OM3-0"~~		1155								Room 147 A
-48	~~CB-CC7-OM3-3"~~		1150								

Hold until Authorized to Analyze

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	8-12-13	1200	
[signature]	[signature]	8/9/13	1600	
	[signature]	8-12-13	1250	

☐ EDD Format
☐ E-mail to Same as pg 1

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

04/-1/14 IR02

Report Date:
09-Sep-13 16:17

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

#3
Course B

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: Conn DOT - Windsor Locks, CT
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB76175-01	CB-C2-PL1-3"	Concrete	04-Sep-13 14:30	05-Sep-13 14:10
SB76175-02	CB-C2-PL1-6"	Concrete	04-Sep-13 14:20	05-Sep-13 14:10
SB76175-03	CB-C4-CO1-6"	Concrete	04-Sep-13 11:35	05-Sep-13 14:10
SB76175-04	CB-CC1-CM1-0"	Concrete	04-Sep-13 13:15	05-Sep-13 14:10
SB76175-05	CB-CC1-CM1-3"	Concrete	04-Sep-13 13:10	05-Sep-13 14:10
SB76175-06	CB-CC1-CM1-6"	Concrete	04-Sep-13 13:07	05-Sep-13 14:10
SB76175-07	CB-CC1-CM1-12"	Concrete	04-Sep-13 13:04	05-Sep-13 14:10
SB76175-08	CB-CC1-CM2-0"	Concrete	04-Sep-13 13:42	05-Sep-13 14:10
SB76175-09	CB-CC1-CM2-3"	Concrete	04-Sep-13 13:39	05-Sep-13 14:10
SB76175-10	CB-CC1-CM2-6"	Concrete	04-Sep-13 13:34	05-Sep-13 14:10
SB76175-11	CB-CC1-CM2-12"	Concrete	04-Sep-13 13:30	05-Sep-13 14:10
SB76175-12	CB-CC1-CM3-0"	Concrete	04-Sep-13 15:00	05-Sep-13 14:10
SB76175-13	CB-CC1-CM3-3"	Concrete	04-Sep-13 14:55	05-Sep-13 14:10
SB76175-14	CB-CC1-CM3-6"	Concrete	04-Sep-13 14:50	05-Sep-13 14:10
SB76175-15	CB-CC1-CM3-12"	Concrete	04-Sep-13 14:45	05-Sep-13 14:10
SB76175-16	CB-C2-CM6-0"	Concrete	04-Sep-13 13:55	05-Sep-13 14:10
SB76175-17	CB-C2-CM6-3"	Concrete	04-Sep-13 13:50	05-Sep-13 14:10
SB76175-18	CB-C2-CM7-0"	Concrete	04-Sep-13 14:10	05-Sep-13 14:10
SB76175-19	CB-C2-CM7-3"	Concrete	04-Sep-13 14:07	05-Sep-13 14:10

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 31 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

State Of Connecticut
Department of Environmental Protection
Laboratory Quality Control and Quality Assurance Form

Laboratory Name: Spectrum Analytical, Inc.

Project Location: Conn DOT - Windsor Locks, CT

Project Name and Number: Conn DOT - Windsor Locks, CT / 183572.4445.0710

This form provides certification for the following data set: SB76175-01 through SB76175-19

Sample matrices:	**Analytical methods used:**
Concrete	SM2540 G Mod. SW846 8082A

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain of Custody documentation for the data set?	☑ Yes	☐ No
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed?	☑ Yes	☐ No
C	Were all QC performance standards and recommendations for the specified methods achieved?	☑ Yes	☐ No
D	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☑ Yes	☐ No *

* The compounds and/or elements reported are as specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

Negative responses for A, B and C are addressed in a case narrative on the cover page of this report.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 9/9/2013

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: Conn DOT - Windsor Locks, CT

Project Number: 183572.4445.0710

Sampling Date(s):
9/4/2013

Laboratory Sample ID(s):
SB76175-01 through SB76175-19

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	Yes	✓ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	✓ Yes	No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 9/9/2013

CASE NARRATIVE:

The samples were received 3.3 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8082A

Spikes:

1321402-MS1 *Source: SB76175-01*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.

Aroclor-1260
Aroclor-1260 [2C]

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Aroclor-1016

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

1321402-MSD1 *Source: SB76175-01*

RPD out of acceptance range.

Aroclor-1260

SW846 8082A

Spikes:

1321402-MSD1 *Source: SB76175-01*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.

Aroclor-1260
Aroclor-1260 [2C]

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Aroclor-1016
Aroclor-1016 [2C]

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

Duplicates:

1321402-DUP1 *Source: SB76175-01*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

Samples:

SB76175-01 *CB-C2-PL1-3"*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB76175-02 *CB-C2-PL1-6"*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SW846 8082A

Samples:

SB76175-04 *CB-CC1-CM1-0"*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

4,4-DB-Octafluorobiphenyl (Sr)

SB76175-05 *CB-CC1-CM1-3"*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

4,4-DB-Octafluorobiphenyl (Sr)

SB76175-06 *CB-CC1-CM1-6"*

Difference between the two GC columns is greater than 40%.

Aroclor-1262 [2C]

SB76175-07 *CB-CC1-CM1-12"*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

4,4-DB-Octafluorobiphenyl (Sr)

SB76175-08 *CB-CC1-CM2-0"*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

4,4-DB-Octafluorobiphenyl (Sr)

SB76175-10 *CB-CC1-CM2-6"*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

4,4-DB-Octafluorobiphenyl (Sr)

SB76175-11 *CB-CC1-CM2-12"*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

4,4-DB-Octafluorobiphenyl (Sr)

SB76175-13 *CB-CC1-CM3-3"*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

4,4-DB-Octafluorobiphenyl (Sr)

SB76175-14 *CB-CC1-CM3-6"*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB76175-15 *CB-CC1-CM3-12"*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

4,4-DB-Octafluorobiphenyl (Sr)

SB76175-16 *CB-C2-CM6-0"*

SW846 8082A

Samples:

SB76175-16 *CB-C2-CM6-0"*

The surrogate reeovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

4,4-DB-Octafluorobiphenyl (Sr)

SB76175-17 *CB-C2-CM6-3"*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

4,4-DB-Octafluorobiphenyl (Sr)

SB76175-19 *CB-C2-CM7-3"*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

4,4-DB-Octafluorobiphenyl (Sr)

Sample Acceptance Check Form

Client:	TRC - Windsor, CT
Project:	Conn DOT - Windsor Locks, CT / 183572.4445.0710
Work Order:	SB76175
Sample(s) received on:	9/5/2013
Received by:	Vickie Knowles

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
1. Were custody seals present?	☐	☑	☐
2. Were custody seals intact?	☐	☐	☑
3. Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
4. Were samples cooled on ice upon transfer to laboratory representative?	☐	☑	☐
5. Were samples refrigerated upon transfer to laboratory representative?	☐	☑	☐
6. Were sample containers received intact?	☑	☐	☐
7. Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
8. Were samples accompanied by a Chain of Custody document?	☑	☐	☐
9. Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☑	☐	☐
10. Did sample container labels agree with Chain of Custody document?	☑	☐	☐
11. Were samples received within method-specific holding times?	☑	☐	☐

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C2-PL1-3"	183572.4445.0710	Concrete	04-Sep-13 14:30	05-Sep-13
S[illegible]175-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1260	D	µg/kg dry	1260	939	20	SW846 8082A	05-Sep-13	09-Sep-13	BLM	1321402	X
11104-28-2	Aroclor-1221	< 1260	D	µg/kg dry	1260	1130	20	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1260	D	µg/kg dry	1260	807	20	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1260	D	µg/kg dry	1260	756	20	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1260	D	µg/kg dry	1260	654	20	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 1260	D	µg/kg dry	1260	1050	20	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1260	D	µg/kg dry	1260	780	20	"	"	"	"	"	X
37324-23-5	Aroclor-1262	78,300	D	µg/kg dry	1260	1170	20	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1260	D	µg/kg dry	1260	519	20	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.6		%			1	SM2540 G Mod.	06-Sep-13	06-Sep-13	DT	1321487	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C2-PL1-6" SB76175-02	183572.4445.0710	Concrete	04-Sep-13 14:20	05-Sep-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1360	D	µg/kg dry	1360	1020	20	SW846 8082A	05-Sep-13	09-Sep-13	BLM	1321402	X
11104-28-2	Aroclor-1221	< 1360	D	µg/kg dry	1360	1230	20	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1360	D	µg/kg dry	1360	875	20	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1360	D	µg/kg dry	1360	819	20	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1360	D	µg/kg dry	1360	708	20	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 1360	D	µg/kg dry	1360	1140	20	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1360	D	µg/kg dry	1360	845	20	"	"	"	"	"	X
37324-23-5	Aroclor-1262	64,200	D	µg/kg dry	1360	1270	20	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1360	D	µg/kg dry	1360	562	20	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.9		%			1	SM2540 G Mod.	06-Sep-13	06-Sep-13	DT	1321467	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C4-CO1-6"	183572.4445.0710	Concrete	04-Sep-13 11:35	05-Sep-13
SB56175-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.5		µg/kg dry	65.5	48.9	1	SW846 8082A	05-Sep-13	06-Sep-13	BLM	1321402	X
11104-28-2	Aroclor-1221	< 65.5		µg/kg dry	65.5	59.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.5		µg/kg dry	65.5	42.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.5		µg/kg dry	65.5	39.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.5		µg/kg dry	65.5	34.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	164		µg/kg dry	65.5	54.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.5		µg/kg dry	65.5	40.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.5		µg/kg dry	85.5	61.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.5		µg/kg dry	65.5	27.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	06-Sep-13	06-Sep-13	DT	1321487	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-CC1-CM1-0"	183572.4445.0710	Concrete	04-Sep-13 13:15	05-Sep-13
SB76175-04				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert*
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.1		µg/kg dry	62.1	46.4	1	SW846 8082A	05-Sep-13	06-Sep-13	BLM	1321402	X
11104-28-2	Aroclor-1221	< 62.1		µg/kg dry	62.1	56.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.1		µg/kg dry	62.1	39.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.1		µg/kg dry	62.1	37.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.1		µg/kg dry	62.1	32.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.1		µg/kg dry	62.1	51.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.1		µg/kg dry	62.1	38.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	**7,190**		µg/kg dry	62.1	57.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.1		µg/kg dry	62.1	25.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*270*	S02		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	06-Sep-13	06-Sep-13	DT	1321487	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-CC1-CM1-3"	183572.4445.0710	Concrete	04-Sep-13 13:10	05-Sep-13
S[illegible]175-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.6		µg/kg dry	63.6	47.5	1	SW846 8082A	05-Sep-13	06-Sep-13	BLM	1321402	X
11104-28-2	Aroclor-1221	< 63.6		µg/kg dry	63.6	57.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.6		µg/kg dry	63.6	40.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.6		µg/kg dry	63.6	38.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.6		µg/kg dry	63.6	33.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.6		µg/kg dry	63.6	53.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.6		µg/kg dry	63.6	39.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	7,930		µg/kg dry	63.6	59.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.6		µg/kg dry	63.6	26.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*295*	S02		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	06-Sep-13	06-Sep-13	DT	1321487	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-CC1-CM1-6"	183572.4445.0710	Concrete	04-Sep-13 13:07	05-Sep-13
SB76175-06				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.8		µg/kg dry	64.8	48.4	1	SW846 8082A	05-Sep-13	06-Sep-13	BLM	1321402	X
11104-28-2	Aroclor-1221	< 64.8		µg/kg dry	64.8	58.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.8		µg/kg dry	64.8	41.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.8		µg/kg dry	64.8	39.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.8		µg/kg dry	64.8	33.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.8		µg/kg dry	64.8	54.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.8		µg/kg dry	64.8	40.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262 [2C]	5,170	P	µg/kg dry	64.8	62.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.8		µg/kg dry	64.8	26.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*140*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*40*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	06-Sep-13	06-Sep-13	DT	1321487	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-CC1-CM1-12" SD76175-07	183572.4445.0710	Concrete	04-Sep-13 13:04	05-Sep-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 55.5		µg/kg dry	55.5	41.5	1	SW846 8082A	05-Sep-13	06-Sep-13	BLM	1321402	X
11104-28-2	Aroclor-1221	< 55.5		µg/kg dry	55.5	50.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 55.5		µg/kg dry	55.5	35.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 55.5		µg/kg dry	55.5	33.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 55.5		µg/kg dry	55.5	28.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 55.5		µg/kg dry	55.5	46.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 55.5		µg/kg dry	55.5	34.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	11,500		µg/kg dry	55.5	51.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 55.5		µg/kg dry	55.5	22.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*155*	S02		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*135*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	06-Sep-13	06-Sep-13	DT	1321487	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-CC1-CM2-0"	183572.4445.0710	Concrete	04-Sep-13 13:42	05-Sep-13
SB76175-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.1		µg/kg dry	60.1	44.9	1	SW846 8082A	05-Sep-13	06-Sep-13	BLM	1321402	X
11104-28-2	Aroclor-1221	< 60.1		µg/kg dry	60.1	54.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.1		µg/kg dry	60.1	38.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.1		µg/kg dry	60.1	36.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.1		µg/kg dry	60.1	31.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.1		µg/kg dry	60.1	50.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.1		µg/kg dry	60.1	37.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262 [2C]	11,600		µg/kg dry	60.1	57.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.1		µg/kg dry	60.1	24.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*380*	S02		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	06-Sep-13	06-Sep-13	DT	1321487	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-CC1-CM2-3"	183572.4445.0710	Concrete	04-Sep-13 13:39	05-Sep-13
SB76175-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.9		µg/kg dry	57.9	43.2	1	SW846 8082A	05-Sep-13	06-Sep-13	BLM	1321402	X
11104-28-2	Aroclor-1221	< 57.9		µg/kg dry	57.9	52.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.9		µg/kg dry	57.9	37.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.9		µg/kg dry	57.9	34.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.9		µg/kg dry	57.9	30.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 57.9		µg/kg dry	57.9	48.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.9		µg/kg dry	57.9	35.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	4,220		µg/kg dry	57.9	53.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.9		µg/kg dry	57.9	23.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	06-Sep-13	06-Sep-13	DT	1321487	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-CC1-CM2-6"	183572.4445.0710	Concrete	04-Sep-13 13:34	05-Sep-13
SB76175-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.9		µg/kg dry	59.9	44.7	1	SW846 8082A	05-Sep-13	06-Sep-13	BLM	1321402	X
11104-28-2	Aroclor-1221	< 59.9		µg/kg dry	59.9	53.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.9		µg/kg dry	59.9	38.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.9		µg/kg dry	59.9	36.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.9		µg/kg dry	59.9	31.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 59.9		µg/kg dry	59.9	49.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 59.9		µg/kg dry	59.9	37.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	11,500		µg/kg dry	59.9	55.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.9		µg/kg dry	59.9	24.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*310*	S02		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	06-Sep-13	06-Sep-13	DT	1321487	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-CC1-CM2-12"	183572.4445.0710	Concrete	04-Sep-13 13:30	05-Sep-13
SB76175-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.2		µg/kg dry	63.2	47.2	1	SW846 8082A	05-Sep-13	06-Sep-13	BLM	1321402	X
11104-28-2	Aroclor-1221	< 63.2		µg/kg dry	63.2	57.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.2		µg/kg dry	63.2	40.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.2		µg/kg dry	63.2	38.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.2		µg/kg dry	63.2	32.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.2		µg/kg dry	63.2	52.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.2		µg/kg dry	63.2	39.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	**15,100**		µg/kg dry	63.2	58.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.2		µg/kg dry	63.2	26.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*360*	S02		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**99.2**		%			1	SM2540 G Mod.	06-Sep-13	06-Sep-13	DT	1321487	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-CC1-CM3-0"	183572.4445.0710	Concrete	04-Sep-13 15:00	05-Sep-13
SB76175-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 55.9		µg/kg dry	55.9	41.7	1	SW846 8082A	05-Sep-13	06-Sep-13	BLM	1321402	X
11104-28-2	Aroclor-1221	< 55.9		µg/kg dry	55.9	50.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 55.9		µg/kg dry	55.9	35.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 55.9		µg/kg dry	55.9	33.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 55.9		µg/kg dry	55.9	29.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 55.9		µg/kg dry	55.9	46.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 55.9		µg/kg dry	55.9	34.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	4,040		µg/kg dry	55.9	52.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1266	< 55.9		µg/kg dry	55.9	23.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	06-Sep-13	06-Sep-13	DT	1321487	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-CC1-CM3-3"	183572.4445.0710	Concrete	04-Sep-13 14:55	05-Sep-13
[illegible]175-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 55.2		µg/kg dry	55.2	41.2	1	SW846 8082A	05-Sep-13	06-Sep-13	BLM	1321402	X
11104-28-2	Aroclor-1221	< 55.2		µg/kg dry	55.2	49.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 55.2		µg/kg dry	55.2	35.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 55.2		µg/kg dry	55.2	33.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 55.2		µg/kg dry	55.2	28.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 55.2		µg/kg dry	55.2	46.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 55.2		µg/kg dry	55.2	34.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262 [2C]	9,770		µg/kg dry	55.2	53.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 55.2		µg/kg dry	55.2	22.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*525*	S02		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	06-Sep-13	06-Sep-13	DT	1321487	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-CC1-CM3-6"	183572.4445.0710	Concrete	04-Sep-13 14:50	05-Sep-13
SB76175-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 607	D	µg/kg dry	607	453	10	SW846 8082A	05-Sep-13	09-Sep-13	BLM	1321402	X
11104-28-2	Aroclor-1221	< 607	D	µg/kg dry	607	547	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 607	D	µg/kg dry	607	390	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 607	D	µg/kg dry	607	365	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 607	D	µg/kg dry	607	316	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 607	D	µg/kg dry	607	506	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 607	D	µg/kg dry	607	376	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	24,400	D	µg/kg dry	607	565	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 607	D	µg/kg dry	607	250	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	06-Sep-13	06-Sep-13	DT	1321488	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-CC1-CM3-12"	183572.4445.0710	Concrete	04-Sep-13 14:45	05-Sep-13
[illegible]6175-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.6		µg/kg dry	57.6	43.1	1	SW846 8082A	05-Sep-13	07-Sep-13	BLM	1321402	X
11104-28-2	Aroclor-1221	< 57.6		µg/kg dry	57.6	51.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.6		µg/kg dry	57.6	37.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.6		µg/kg dry	57.6	34.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.6		µg/kg dry	57.6	30.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 57.6		µg/kg dry	57.6	48.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.6		µg/kg dry	57.6	35.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	8,790		µg/kg dry	57.6	53.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.6		µg/kg dry	57.6	23.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*165*	S02		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	06-Sep-13	06-Sep-13	DT	1321468	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C2-CM6-0"	183572.4445.0710	Concrete	04-Sep-13 13:55	05-Sep-13
SB76175-16				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 55.6		µg/kg dry	55.6	41.6	1	SW846 8082A	05-Sep-13	07-Sep-13	BLM	1321402	X
11104-28-2	Aroclor-1221	< 55.6		µg/kg dry	55.6	50.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 55.6		µg/kg dry	55.6	35.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 55.6		µg/kg dry	55.6	33.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 55.6		µg/kg dry	55.6	28.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 55.6		µg/kg dry	55.6	46.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 55.6		µg/kg dry	55.6	34.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262 [2C]	13,500		µg/kg dry	55.6	53.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 55.6		µg/kg dry	55.6	22.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*490*	S02		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	06-Sep-13	06-Sep-13	DT	1321488	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C2-CM6-3"	183572.4445.0710	Concrete	04-Sep-13 13:50	05-Sep-13
SB76175-17				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.3		µg/kg dry	64.3	48.0	1	SW846 8082A	05-Sep-13	07-Sep-13	BLM	1321402	X
11104-28-2	Aroclor-1221	< 64.3		µg/kg dry	64.3	57.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.3		µg/kg dry	64.3	41.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.3		µg/kg dry	64.3	38.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.3		µg/kg dry	64.3	33.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.3		µg/kg dry	64.3	53.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.3		µg/kg dry	64.3	39.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	14,000		µg/kg dry	64.3	59.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.3		µg/kg dry	64.3	26.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*175*	S02		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	06-Sep-13	06-Sep-13	DT	1321488	

Sample Identification

CB-C2-CM7-0"	Client Project #	Matrix	Collection Date/Time	Received
SB76175-18	183572.4445.0710	Concrete	04-Sep-13 14:10	05-Sep-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.3		µg/kg dry	66.3	49.6	1	SW846 8082A	05-Sep-13	07-Sep-13	BLM	1321402	X
11104-28-2	Aroclor-1221	< 66.3		µg/kg dry	66.3	59.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.3		µg/kg dry	66.3	42.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.3		µg/kg dry	66.3	39.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.3		µg/kg dry	66.3	34.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 66.3		µg/kg dry	66.3	55.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.3		µg/kg dry	66.3	41.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262 [2C]	7,550		µg/kg dry	66.3	63.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.3		µg/kg dry	66.3	27.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	06-Sep-13	06-Sep-13	DT	1321488	

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C2-CM7-3"	183572.4445.0710	Concrete	04-Sep-13 14:07	05-Sep-13
SB76175-19				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.2		µg/kg dry	64.2	48.0	1	SW846 8082A	05-Sep-13	07-Sep-13	BLM	1321402	X
11104-28-2	Aroclor-1221	< 64.2		µg/kg dry	64.2	57.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.2		µg/kg dry	64.2	41.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.2		µg/kg dry	64.2	38.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.2		µg/kg dry	64.2	33.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.2		µg/kg dry	64.2	53.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.2		µg/kg dry	64.2	39.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262 [2C]	12,200		µg/kg dry	64.2	61.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.2		µg/kg dry	64.2	26.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*295*	S02		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	06-Sep-13	06-Sep-13	DT	1321488	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1321402 - SW846 3540C										
Blank (1321402-BLK1)						Prepared: 05-Sep-13 Analyzed: 06-Sep-13				
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.0*		µg/kg wet		*20.0*		*75*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*13.0*		µg/kg wet		*20.0*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*12.0*		µg/kg wet		*20.0*		*60*	*30-150*		
LCS (1321402-BS1)						Prepared: 05-Sep-13 Analyzed: 06-Sep-13				
Aroclor-1016	**232**		µg/kg wet	20.0	250		93	40-140		
Aroclor-1016 [2C]	**222**		µg/kg wet	20.0	250		89	40-140		
Aroclor-1260	**239**		µg/kg wet	20.0	250		96	40-140		
Aroclor-1260 [2C]	**198**		µg/kg wet	20.0	250		79	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*11.0*		µg/kg wet		*20.0*		*55*	*30-150*		
LCS Dup (1321402-BSD1)						Prepared: 05-Sep-13 Analyzed: 06-Sep-13				
Aroclor-1016	**230**		µg/kg wet	20.0	250		92	40-140	0.9	30
Aroclor-1016 [2C]	**224**		µg/kg wet	20.0	250		90	40-140	0.9	30
Aroclor-1260	**237**		µg/kg wet	20.0	250		95	40-140	0.8	30
Aroclor-1260 [2C]	**199**		µg/kg wet	20.0	250		80	40-140	0.5	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*11.0*		µg/kg wet		*20.0*		*55*	*30-150*		
Duplicate (1321402-DUP1)		GS1	**Source: SB76175-01**			Prepared: 05-Sep-13 Analyzed: 09-Sep-13				
Aroclor-1016	< 1320	D	µg/kg dry	1320		BRL				30
Aroclor-1016 [2C]	< 1320	D	µg/kg dry	1320		BRL				30
Aroclor-1221	< 1320	D	µg/kg dry	1320		BRL				30
Aroclor-1221 [2C]	< 1320	D	µg/kg dry	1320		BRL				30
Aroclor-1232	< 1320	D	µg/kg dry	1320		BRL				30
Aroclor-1232 [2C]	< 1320	D	µg/kg dry	1320		BRL				30
Aroclor-1242	< 1320	D	µg/kg dry	1320		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1321402 - SW846 3540C										
Duplicate (1321402-DUP1)		GS1	**Source: SB76175-01**			Prepared: 05-Sep-13 Analyzed: 09-Sep-13				
Aroclor-1242 [2C]	< 1320	D	µg/kg dry	1320		BRL				30
Aroclor-1248	< 1320	D	µg/kg dry	1320		BRL				30
Aroclor-1248 [2C]	< 1320	D	µg/kg dry	1320		BRL				30
Aroclor-1254	< 1320	D	µg/kg dry	1320		BRL				30
Aroclor-1254 [2C]	< 1320	D	µg/kg dry	1320		BRL				30
Aroclor-1260	< 1320	D	µg/kg dry	1320		BRL				30
Aroclor-1260 [2C]	< 1320	D	µg/kg dry	1320		BRL				30
Aroclor-1262	**77800**	D	µg/kg dry	1320		78300			0.7	30
Aroclor-1262 [2C]	**59300**	D	µg/kg dry	1320		56200			5	30
Aroclor-1268	< 1320	D	µg/kg dry	1320		BRL				30
Aroclor-1268 [2C]	< 1320	D	µg/kg dry	1320		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.00*	S01	µg/kg dry		*66.0*			*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*0.00*	S01	µg/kg dry		*66.0*			*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.00*	S01	µg/kg dry		*66.0*			*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.00*	S01	µg/kg dry		*66.0*			*30-150*		
Matrix Spike (1321402-MS1)		GS1	**Source: SB76175-01**			Prepared: 05-Sep-13 Analyzed: 09-Sep-13				
Aroclor-1016	**1460**	QM7, D	µg/kg dry	1330	828	BRL	176	40-140		
Aroclor-1016 [2C]	**994**	D	µg/kg dry	1330	828	BRL	120	40-140		
Aroclor-1260	**97200**	QM1, D	µg/kg dry	1330	828	BRL	11700	40-140		
Aroclor-1260 [2C]	**70800**	QM1, D	µg/kg dry	1330	828	BRL	8550	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.00*	S01	µg/kg dry		*66.3*			*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*0.00*	S01	µg/kg dry		*66.3*			*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.00*	S01	µg/kg dry		*66.3*			*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.00*	S01	µg/kg dry		*66.3*			*30-150*		
Matrix Spike Dup (1321402-MSD1)		GS1	**Source: SB76175-01**			Prepared: 05-Sep-13 Analyzed: 09-Sep-13				
Aroclor-1016	**1720**	QM7, D	µg/kg dry	1280	799	BRL	216	40-140	20	30
Aroclor-1016 [2C]	**1150**	QM7, D	µg/kg dry	1280	799	BRL	144	40-140	18	30
Aroclor-1260	**129000**	QM1, QR5, D	µg/kg dry	1280	799	BRL	16100	40-140	31	30
Aroclor-1260 [2C]	**86100**	QM1, D	µg/kg dry	1280	799	BRL	10800	40-140	23	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.00*	S01	µg/kg dry		*63.9*			*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*0.00*	S01	µg/kg dry		*63.9*			*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.00*	S01	µg/kg dry		*63.9*			*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.00*	S01	µg/kg dry		*63.9*			*30-150*		

Notes and Definitions

D	Data reported from a dilution
GS1	Sample dilution required for high concentration of target analytes to be within the instrument calibration range.
P	Difference between the two GC columns is greater than 40%.
QM1	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR5	RPD out of acceptance range.
S01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
Kimberly Wisk
Nicole Leja

✓ SB76[illegible] OK

Utilize CT DAS Rates

CHAIN OF CUSTODY RECORD

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Page 1 of 2

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 48 hour TAT
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Henry Laliberte
216 Griffin Rd North
Windsor, CT 06095
CTRC Environmental
Telephone #: 860-298-6266
Project Mgr. Henry Laliberte

Invoice To: (Same as report)
P.O. No.: C183572 RQN:

Project No.: 183572 4445.0710
Site Name: ConnDOT-BIA-Concourse B
Location: Windsor Locks State: CT
Sampler(s): Mike Kostka

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= concrete X2= X3=

G=Grab C=Composite

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV* ☐ Other

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540C							State-specific reporting standards:
76195-01	CB-C2-PL1-3"	9/4/13	1430	G	X1			1		X							Rm 147
02	CB-C2-PL1-6"		1420							X							
03	CB-C4-CO1-6"		1135							X							820 Bradley Ramp
04	CB-CC1-CM2-0"		1315							X							North and TWA Hallmark
05	CB-CC1-CM1-3"		1310							X	43L/33IR2						
06	CB-CC1-CM1-6"		1307							X							
07	CB-CC1-CM1-12"		1304							X							
08	CB-CC1-CM2-0"		1342							X							TWA Hallmark-East
09	CB-CC1-CM2-3"		1339							X							
10	CB-CC1-CM2-6"		1334							X							

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	9/5/13	1247	
[signature]	[signature]	9/5/13	1410	

☐ EDD Format
☒ E-mail to HLaliberte@TRCsolutions.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☒ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Utilize CT DAS Rats

✓ SB76175 OK

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 2

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 48 hour TAT
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: (Same as Page 1)

Telephone #:

Project Mgr.

Invoice To: (Same as Page 1)

P.O. No.: C183572 RQN:

Project No.: 183572.4445.0710

Site Name: Conn DOT - BIA - Concourse B

Location: Windsor Locks State: CT

Sampler(s): Mike Kaitah

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= X3=

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analyses: 8082/3540C

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540C								State-specific reporting standards:
T6175-11	CB-CC1-CM2-12"	9/4/13	1330	G	X1			1		X								TWA Hollman - East
12	CB-CC1-CM3-0"		1500							X								Rm 147A
13	CB-CC1-CM3-3"		1455							X								
14	CB-CC1-CM3-6"		1450							X								
15	CB-CC1-CM3-12"		1445							X								
16	CB-C2-CM6-0"		1355							X								TWA Hollman - East
17	CB-C2-CM6-3"		1350							X								
18	CB-C2-CM7-0"		1410							X								TWA Hollman - West
19	CB-C2-CM7-3"		1407							X								

N3L13 IR

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	9/5/13	1247	
[signature]	[signature]	9/5/13	1410	

☐ EDD Format
☒ E-mail to HLaliberte@TRCsolutions.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☒ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Report Date:
19-Sep-13 15:14

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: Conn DOT - Windsor Locks, CT
Project #: 183572.4445.00710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB76865-01	CB-CC1-CM1-24"	Concrete	12-Sep-13 15:00	17-Sep-13 16:35
SB76865-02	CB-CC1-CM1-36"	Concrete	12-Sep-13 15:10	17-Sep-13 16:35
SB76865-03	CB-CC1-CM2-24"	Concrete	12-Sep-13 15:30	17-Sep-13 16:35
SB76865-04	CB-CC1-CM3-24"	Concrete	12-Sep-13 15:48	17-Sep-13 16:35
SB76865-05	CB-C2-PL1-36"	Plaster	12-Sep-13 16:10	17-Sep-13 16:35
SB76865-06	CB-C2-PL1-24"	Plaster	12-Sep-13 16:00	17-Sep-13 16:35
SB76865-07	CB-C2-PL1-12"	Plaster	12-Sep-13 16:04	17-Sep-13 16:35

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 15 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory r

State Of Connecticut
Department of Environmental Protection
Laboratory Quality Control and Quality Assurance Form

Laboratory Name: Spectrum Analytical, Inc.

Project Location: Conn DOT - Windsor Locks, CT

Project Name and Number: Conn DOT - Windsor Locks, CT / 183572.4445.00710

This form provides certification for the following data set: SB76865-01 through SB76865-07

Sample matrices:	**Analytical methods used:**
Concrete	SM2540 G Mod.
Plaster	SW846 8082A

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain of Custody documentation for the data set?	☑ Yes	☐ No
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed?	☑ Yes	☐ No
C	Were all QC performance standards and recommendations for the specified methods achieved?	☑ Yes	☐ No
D	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☑ Yes	☐ No *

* The compounds and/or elements reported are as specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

Negative responses for A, B and C are addressed in a case narrative on the cover page of this report.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 9/19/2013

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: Conn DOT - Windsor Locks, CT

Project Number: 183572.4445.00710

Sampling Date(s):
9/12/2013

Laboratory Sample ID(s):
SB76865-01 through SB76865-07

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	✓ Yes	No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	Yes	✓ No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 9/19/2013

CASE NARRATIVE:

The samples were received 2.7 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

There is no relevant protocol-specific QC and/or performance standards non-conformances to report.

Sample Acceptance Check Form

Client:	TRC - Windsor, CT
Project:	Conn DOT - Windsor Locks, CT / 183572.4445.00710
Work Order:	SB76865
Sample(s) received on:	9/17/2013
Received by:	Jessica Hoffman

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
1. Were custody seals present?	☐	☑	☐
2. Were custody seals intact?	☐	☐	☑
3. Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
4. Were samples cooled on ice upon transfer to laboratory representative?	☐	☑	☐
5. Were samples refrigerated upon transfer to laboratory representative?	☑	☐	☐
6. Were sample containers received intact?	☑	☐	☐
7. Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
8. Were samples accompanied by a Chain of Custody document?	☑	☐	☐
9. Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☑	☐	☐
10. Did sample container labels agree with Chain of Custody document?	☑	☐	☐
11. Were samples received within method-specific holding times?	☑	☐	☐

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-CC1-CM1-24" SB76865-01	183572.4445.00710	Concrete	12-Sep-13 15:00	17-Sep-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.3		µg/kg dry	59.3	44.3	1	SW846 8082A	17-Sep-13	18-Sep-13	BLM	1322434	X
11104-28-2	Aroclor-1221	< 59.3		µg/kg dry	59.3	53.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.3		µg/kg dry	59.3	38.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.3		µg/kg dry	59.3	35.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.3		µg/kg dry	59.3	30.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 59.3		µg/kg dry	59.3	49.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	8,440		µg/kg dry	59.3	29.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.3		µg/kg dry	59.3	55.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.3		µg/kg dry	59.3	24.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322512	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-CC1-CM1-36"	183572.4445.00710	Concrete	12-Sep-13 15:10	17-Sep-13
S[illegible]865-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.2		µg/kg dry	62.2	46.4	1	SW846 8082A	17-Sep-13	18-Sep-13	BLM	1322434	X
11104-28-2	Aroclor-1221	< 62.2		µg/kg dry	62.2	56.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.2		µg/kg dry	62.2	39.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.2		µg/kg dry	62.2	37.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.2		µg/kg dry	62.2	32.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.2		µg/kg dry	62.2	51.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	8,490		µg/kg dry	62.2	31.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.2		µg/kg dry	62.2	57.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.2		µg/kg dry	62.2	25.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322512	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-CC1-CM2-24"	183572.4445.00710	Concrete	12-Sep-13 15:30	17-Sep-13
SB76865-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 52.8		µg/kg dry	52.8	39.4	1	SW846 8082A	17-Sep-13	18-Sep-13	BLM	1322434	X
11104-28-2	Aroclor-1221	< 52.8		µg/kg dry	52.8	47.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 52.8		µg/kg dry	52.8	33.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 52.8		µg/kg dry	52.8	31.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 52.8		µg/kg dry	52.8	27.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 52.8		µg/kg dry	52.8	44.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	5,270		µg/kg dry	52.8	26.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 52.6		µg/kg dry	52.8	49.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 52.8		µg/kg dry	52.8	21.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322512	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-CC1-CM3-24"	183572.4445.00710	Concrete	12-Sep-13 15:48	17-Sep-13
S[illegible]65-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.1		µg/kg dry	61.1	45.6	1	SW846 8082A	17-Sep-13	18-Sep-13	BLM	1322434	X
11104-28-2	Aroclor-1221	< 61.1		µg/kg dry	61.1	55.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.1		µg/kg dry	61.1	39.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.1		µg/kg dry	61.1	36.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.1		µg/kg dry	61.1	31.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 61.1		µg/kg dry	61.1	50.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.1		µg/kg dry	61.1	37.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.1		µg/kg dry	61.1	56.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.1		µg/kg dry	61.1	25.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322512	

This laboratory report is not valid without an authorized signature on the cover page.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C2-PL1-36"	183572.4445.00710	Plaster	12-Sep-13 16:10	17-Sep-13
SB76865-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 220		µg/kg dry	220	164	1	SW846 8082A	17-Sep-13	18-Sep-13	BLM	1322434	X
11104-28-2	Aroclor-1221	< 220		µg/kg dry	220	198	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 220		µg/kg dry	220	141	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 220		µg/kg dry	220	132	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 220		µg/kg dry	220	114	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 220		µg/kg dry	220	183	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	< 220		µg/kg dry	220	110	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 220		µg/kg dry	220	205	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 220		µg/kg dry	220	90.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	88.5		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322512	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C2-PL1-24"	183572.4445.00710	Plaster	12-Sep-13 16:00	17-Sep-13
[illegible]865-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 217		µg/kg dry	217	162	1	SW846 8082A	17-Sep-13	18-Sep-13	BLM	1322434	X
11104-28-2	Aroclor-1221	< 217		µg/kg dry	217	196	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 217		µg/kg dry	217	140	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 217		µg/kg dry	217	131	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 217		µg/kg dry	217	113	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 217		µg/kg dry	217	181	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 217		µg/kg dry	217	135	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 217		µg/kg dry	217	202	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 217		µg/kg dry	217	89.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	89.0		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322513	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CB-C2-PL1-12"	183572.4445.00710	Plaster	12-Sep-13 16:04	17-Sep-13
SB76865-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 73.9		µg/kg dry	73.9	55.2	1	SW846 8082A	17-Sep-13	18-Sep-13	IMR	1322436	X
11104-28-2	Aroclor-1221	< 73.9		µg/kg dry	73.9	66.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 73.9		µg/kg dry	73.9	47.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 73.9		µg/kg dry	73.9	44.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 73.9		µg/kg dry	73.9	38.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	92.3		µg/kg dry	73.9	43.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 73.9		µg/kg dry	73.9	45.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 73.9		µg/kg dry	73.9	68.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 73.9		µg/kg dry	73.9	30.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	88.4		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322513	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1322434 - SW846 3540C										
Blank (1322434-BLK1)					Prepared: 17-Sep-13 Analyzed: 18-Sep-13					
Aroclor-1016	< 66.7		µg/kg wet	66.7						
Aroclor-1016 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1221	< 66.7		µg/kg wet	66.7						
Aroclor-1221 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1232	< 66.7		µg/kg wet	66.7						
Aroclor-1232 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1242	< 66.7		µg/kg wet	66.7						
Aroclor-1242 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1248	< 66.7		µg/kg wet	66.7						
Aroclor-1248 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1254	< 66.7		µg/kg wet	66.7						
Aroclor-1254 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1260	< 66.7		µg/kg wet	66.7						
Aroclor-1260 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1262	< 66.7		µg/kg wet	66.7						
Aroclor-1262 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1268	< 66.7		µg/kg wet	66.7						
Aroclor-1268 [2C]	< 66.7		µg/kg wet	66.7						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*66.7*		µg/kg wet		*66.7*		*100*	*30-150*		
LCS (1322434-BS1)					Prepared: 17-Sep-13 Analyzed: 18-Sep-13					
Aroclor-1016	**813**		µg/kg wet	66.7	833		98	40-140		
Aroclor-1016 [2C]	**833**		µg/kg wet	66.7	833		100	40-140		
Aroclor-1260	**657**		µg/kg wet	66.7	833		79	40-140		
Aroclor-1260 [2C]	**1050**		µg/kg wet	66.7	833		126	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*80.0*		µg/kg wet		*66.7*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*66.7*		µg/kg wet		*66.7*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*100*		µg/kg wet		*66.7*		*150*	*30-150*		
LCS Dup (1322434-BSD1)					Prepared: 17-Sep-13 Analyzed: 18-Sep-13					
Aroclor-1016	**813**		µg/kg wet	66.7	833		98	40-140	0	30
Aroclor-1016 [2C]	**853**		µg/kg wet	66.7	833		102	40-140	2	30
Aroclor-1260	**720**		µg/kg wet	66.7	833		86	40-140	9	30
Aroclor-1260 [2C]	**1090**		µg/kg wet	66.7	833		131	40-140	4	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*83.3*		µg/kg wet		*66.7*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*73.3*		µg/kg wet		*66.7*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*100*		µg/kg wet		*66.7*		*150*	*30-150*		
Batch 1322436 - SW846 3540C										
Blank (1322436-BLK1)					Prepared: 17-Sep-13 Analyzed: 19-Sep-13					
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1322436 - SW846 3540C										
Blank (1322436-BLK1)					Prepared: 17-Sep-13 Analyzed: 19-Sep-13					
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
LCS (1322436-BS1)					Prepared: 17-Sep-13 Analyzed: 19-Sep-13					
Aroclor-1016	**210**		µg/kg wet	20.0	250		84	40-140		
Aroclor-1016 [2C]	**201**		µg/kg wet	20.0	250		80	40-140		
Aroclor-1260	**195**		µg/kg wet	20.0	250		78	40-140		
Aroclor-1260 [2C]	**189**		µg/kg wet	20.0	250		76	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.0*		µg/kg wet		*20.0*		*75*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*15.0*		µg/kg wet		*20.0*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*14.0*		µg/kg wet		*20.0*		*70*	*30-150*		
LCS Dup (1322436-BSD1)					Prepared: 17-Sep-13 Analyzed: 19-Sep-13					
Aroclor-1016	**211**		µg/kg wet	20.0	250		84	40-140	0.5	30
Aroclor-1016 [2C]	**202**		µg/kg wet	20.0	250		81	40-140	0.5	30
Aroclor-1260	**198**		µg/kg wet	20.0	250		79	40-140	2	30
Aroclor-1260 [2C]	**196**		µg/kg wet	20.0	250		78	40-140	4	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.0*		µg/kg wet		*20.0*		*75*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*15.0*		µg/kg wet		*20.0*		*75*	*30-150*		

Notes and Definitions

dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
June O'Connor
Kimberly Wisk
Nicole Leja

* Utilize CT DAS Rates *

✓ 38076365

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 48 Hr TAT
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: H. Laliberte
21 Griffin Rd North
Windsor CT 06095
(TRC)
Telephone #: 860 798 5689
Project Mgr. H. Laliberte

Invoice To: H. Laliberte

P.O. No.: 183572 RQN:

Project No.: 183572-4445-00710
Site Name: CT DOT - BTA - Concourse B
Location: Windsor Locks State: CT
Sampler(s): G. Kaczynski

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= Plaster X3=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		PCB-35400							
76365-01	CB-CC1-CM1-24"	9/12/13	1500	G	X1			1			X							
02	CB-CC1-CM1-36"	↓	1510	↓	X1			↓			X							
03	CB-CC1-CM2-24"		1530		X1						X							
04	CB-CC1-CM3-24"		1548		X1						X							
05	CB-C2-PL1-36"		1610		X2						X							
06	CB-C2-PL1-24"		1600		X2						X							
07	CB-C2-PL1-12"	↓	1604	↓	X2			↓			X							

Analyses:

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

TWA Hold for North
↓
" " " East
Rm 147A
Rm 147
↓

3.7/-1/2.7 IRC

Relinquished by:	Received by:	Date:	Time:	Temp°C
Tom Mar	Jet	9-17-13	3:35p	
Jet	JCH	9/17/13	1035	

☐ EDD Format
☒ E-mail to HLaliberte@TRCsolutions.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Report Date:
3-Sep-13 10:23

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

#1
IAB

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: Conn DOT - Windsor Locks, CT
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB75253-01	IB-C3-Br1-0"	Brick	12-Aug-13 12:07	19-Aug-13 16:20
SB75253-02	IB-C3-Br2-0"	Brick	12-Aug-13 15:15	19-Aug-13 16:20
SB75253-03	IB-C3-Br3-0"	Brick	13-Aug-13 11:44	19-Aug-13 16:20
SB75253-04	IB-C3-Br4-0"	Brick	13-Aug-13 13:30	19-Aug-13 16:20
SB75253-05	IB-C3-Br5-0"	Brick	13-Aug-13 13:42	19-Aug-13 16:20
SB75253-06	IB-C3-Br6-0"	Brick	13-Aug-13 14:03	19-Aug-13 16:20
SB75253-07	IB-C1	Concrete	12-Aug-13 09:05	19-Aug-13 16:20
SB75253-08	IB-C2	Concrete	12-Aug-13 09:09	19-Aug-13 16:20
SB75253-09	IB-C3	Concrete	12-Aug-13 09:13	19-Aug-13 16:20
SB75253-10	IB-C4	Concrete	12-Aug-13 09:14	19-Aug-13 16:20
SB75253-11	IB-C5	Concrete	12-Aug-13 09:25	19-Aug-13 16:20
SB75253-12	IB-C6	Concrete	12-Aug-13 09:30	19-Aug-13 16:20
SB75253-13	IB-C7	Concrete	12-Aug-13 09:32	19-Aug-13 16:20
SB75253-14	IB-C8	Concrete	12-Aug-13 09:35	19-Aug-13 16:20
SB75253-15	IB-C9	Concrete	12-Aug-13 09:40	19-Aug-13 16:20
SB75253-16	IB-C10	Concrete	12-Aug-13 09:41	19-Aug-13 16:20
SB75253-17	IB-C11	Concrete	12-Aug-13 10:20	19-Aug-13 16:20
SB75253-18	IB-C12	Concrete	12-Aug-13 10:14	19-Aug-13 16:20
SB75253-19	IB-C13	Concrete	12-Aug-13 10:22	19-Aug-13 16:20
SB75253-20	IB-C14	Concrete	12-Aug-13 10:27	19-Aug-13 16:20
SB75253-21	IB-C15	Concrete	12-Aug-13 10:32	19-Aug-13 16:20
SB75253-22	IB-C16	Concrete	12-Aug-13 10:40	19-Aug-13 16:20
SB75253-23	IB-C17	Concrete	12-Aug-13 10:43	19-Aug-13 16:20
SB75253-24	IB-C18	Concrete	12-Aug-13 10:55	19-Aug-13 16:20
SB75253-25	IB-C19	Concrete	12-Aug-13 11:00	19-Aug-13 16:20
SB75253-26	IB-C20	Concrete	12-Aug-13 11:05	19-Aug-13 16:20
SB75253-27	IB-C21	Concrete	12-Aug-13 11:40	19-Aug-13 16:20
SB75253-28	IB-C22	Concrete	12-Aug-13 11:42	19-Aug-13 16:20
SB75253-29	IB-C23	Concrete	12-Aug-13 11:48	19-Aug-13 16:20
SB75253-30	IB-C24	Concrete	12-Aug-13 11:52	19-Aug-13 16:20
SB75253-31	IB-C25	Concrete	12-Aug-13 11:55	19-Aug-13 16:20
SB75253-32	IB-C26	Concrete	12-Aug-13 11:57	19-Aug-13 16:20
SB75253-33	IB-C27	Concrete	12-Aug-13 12:01	19-Aug-13 16:20
SB75253-34	IB-C28	Concrete	12-Aug-13 13:50	19-Aug-13 16:20
SB75253-35	IB-C29	Concrete	12-Aug-13 13:58	19-Aug-13 16:20
SB75253-36	IB-C30	Concrete	12-Aug-13 14:04	19-Aug-13 16:20
SB75253-37	IB-C31	Concrete	12-Aug-13 14:28	19-Aug-13 16:20

SB75253-38	IB-C32	Concrete	12-Aug-13 14:32	19-Aug-13 16:20
SB75253-39	IB-C33	Concrete	12-Aug-13 14:50	19-Aug-13 16:20
SB75253-40	IB-C34	Concrete	12-Aug-13 14:55	19-Aug-13 16:20
SB75253-41	IB-C35	Concrete	12-Aug-13 15:18	19-Aug-13 16:20
SB75253-42	IB-C36	Concrete	12-Aug-13 15:23	19-Aug-13 16:20
SB75253-43	IB-C37	Concrete	12-Aug-13 15:28	19-Aug-13 16:20
SB75253-44	IB-C38	Concrete	12-Aug-13 15:33	19-Aug-13 16:20
SB75253-45	IB-C39	Concrete	13-Aug-13 09:38	19-Aug-13 16:20
SB75253-46	IB-C40	Concrete	13-Aug-13 09:35	19-Aug-13 16:20
SB75253-47	IB-C41	Concrete	13-Aug-13 11:40	19-Aug-13 16:20
SB75253-48	IB-C42	Concrete	13-Aug-13 11:46	19-Aug-13 16:20
SB75253-49	IB-C43	Concrete	13-Aug-13 11:50	19-Aug-13 16:20
SB75253-50	IB-C44	Concrete	13-Aug-13 11:54	19-Aug-13 16:20
SB75253-51	IB-C45	Concrete	13-Aug-13 11:58	19-Aug-13 16:20
SB75253-52	IB-C46	Concrete	13-Aug-13 12:02	19-Aug-13 16:20
SB75253-53	IB-C47	Concrete	13-Aug-13 12:06	19-Aug-13 16:20
SB75253-54	IB-C48	Concrete	13-Aug-13 12:10	19-Aug-13 16:20
SB75253-55	IB-C49	Concrete	13-Aug-13 12:17	19-Aug-13 16:20
SB75253-56	IB-C50	Concrete	13-Aug-13 14:52	19-Aug-13 16:20
SB75253-57	IB-C51	Concrete	13-Aug-13 14:55	19-Aug-13 16:20
SB75253-58	IB-C52	Concrete	13-Aug-13 15:00	19-Aug-13 16:20
SB75253-59	IB-C53	Concrete	13-Aug-13 15:03	19-Aug-13 16:20
SB75253-60	IB-C54	Concrete	13-Aug-13 15:15	19-Aug-13 16:20
SB75253-61	IB-C55	Concrete	13-Aug-13 15:17	19-Aug-13 16:20
SB75253-62	IB-C56	Concrete	13-Aug-13 15:19	19-Aug-13 16:20
SB75253-63	IB-C57	Concrete	13-Aug-13 15:21	19-Aug-13 16:20
SB75253-64	IB-C58	Concrete	13-Aug-13 15:23	19-Aug-13 16:20
SB75253-65	IB-C59	Concrete	13-Aug-13 15:25	19-Aug-13 16:20
SB75253-66	IB-C60	Concrete	13-Aug-13 15:27	19-Aug-13 16:20
SB75253-67	IB-C61	Concrete	13-Aug-13 15:29	19-Aug-13 16:20
SB75253-68	IB-C62	Concrete	13-Aug-13 15:31	19-Aug-13 16:20
SB75253-69	IB-A1	Asphalt	13-Aug-13 12:04	19-Aug-13 16:20
SB75253-70	IB-A2	Asphalt	13-Aug-13 13:16	19-Aug-13 16:20
SB75253-71	IB-A3	Asphalt	12-Aug-13 13:15	19-Aug-13 16:20
SB75253-72	IB-A4	Asphalt	12-Aug-13 13:20	19-Aug-13 16:20
SB75253-73	IB-A5	Asphalt	12-Aug-13 13:24	19-Aug-13 16:20
SB75253-74	IB-A6	Asphalt	12-Aug-13 14:07	19-Aug-13 16:20
SB75253-75	IB-A7	Asphalt	12-Aug-13 14:10	19-Aug-13 16:20
SB75253-76	IB-A8	Asphalt	12-Aug-13 14:13	19-Aug-13 16:20
SB75253-77	IB-A9	Asphalt	12-Aug-13 14:18	19-Aug-13 16:20
SB75253-78	IB-A10	Asphalt	12-Aug-13 14:21	19-Aug-13 16:20
SB75253-79	IB-A11	Asphalt	12-Aug-13 14:24	19-Aug-13 16:20
SB75253-80	IB-A12	Asphalt	13-Aug-13 09:44	19-Aug-13 16:20
SB75253-81	IB-A13	Asphalt	13-Aug-13 09:46	19-Aug-13 16:20
SB75253-82	IB-A14	Asphalt	13-Aug-13 09:48	19-Aug-13 16:20
SB75253-83	IB-A15	Asphalt	13-Aug-13 09:50	19-Aug-13 16:20
SB75253-84	IB-A16	Asphalt	13-Aug-13 09:52	19-Aug-13 16:20
SB75253-85	IB-A17	Asphalt	13-Aug-13 09:54	19-Aug-13 16:20
SB75253-86	IB-A18	Asphalt	13-Aug-13 09:56	19-Aug-13 16:20
SB75253-87	IB-A19	Asphalt	13-Aug-13 09:58	19-Aug-13 16:20
SB75253-88	IB-A20	Asphalt	13-Aug-13 10:00	19-Aug-13 16:20
SB75253-89	IB-A21	Asphalt	13-Aug-13 10:02	19-Aug-13 16:20

SB75253-90	IB-C4B-Br1-0"	Brick	13-Aug-13 14:52	19-Aug-13 16:20
SB75253-91	IB-C4B-Br1-3"	Brick	13-Aug-13 14:48	19-Aug-13 16:20
SB75253-92	IB-C2-CM1-0"	Concrete	13-Aug-13 11:11	19-Aug-13 16:20
SB75253-93	IB-C2-CM1-3"	Concrete	13-Aug-13 11:09	19-Aug-13 16:20
SB75253-94	IB-C2-CM2-0"	Concrete	13-Aug-13 11:12	19-Aug-13 16:20
SB75253-95	IB-C2-CM2-3"	Concrete	13-Aug-13 11:10	19-Aug-13 16:20
SB75253-96	IB-C2-C01-0"	Concrete	12-Aug-13 10:52	19-Aug-13 16:20
SB75253-97	IB-C2-C01-3"	Concrete	12-Aug-13 10:48	19-Aug-13 16:20
SB75253-98	IB-C2-C02-0"	Concrete	12-Aug-13 11:28	19-Aug-13 16:20
SB75253-99	IB-C2-C02-3"	Concrete	12-Aug-13 11:24	19-Aug-13 16:20
SB75258-01	IB-C2-C03-0"	Concrete	12-Aug-13 13:47	19-Aug-13 16:20
SB75258-02	IB-C2-C03-3"	Concrete	12-Aug-13 13:43	19-Aug-13 16:20
SB75258-03	IB-C2-C04-0"	Concrete	12-Aug-13 15:12	19-Aug-13 16:20
SB75258-04	IB-C2-C04-3"	Concrete	12-Aug-13 15:08	19-Aug-13 16:20
SB75258-05	IB-C2-C05-0"	Concrete	13-Aug-13 09:26	19-Aug-13 16:20
SB75258-06	IB-C2-C05-3"	Concrete	13-Aug-13 09:19	19-Aug-13 16:20
SB75258-07	IB-C2-C06-0"	Concrete	13-Aug-13 10:09	19-Aug-13 16:20
SB75258-08	IB-C2-C06-3"	Concrete	13-Aug-13 10:04	19-Aug-13 16:20
SB75258-17	IB-C2-C05-6"	Concrete	13-Aug-13 09:12	19-Aug-13 16:20
SB75258-18	IB-C2-C05-12"	Concrete	13-Aug-13 09:07	19-Aug-13 16:20
SB75258-21	IB-C4B-Br1-6"	Brick	13-Aug-13 14:44	19-Aug-13 16:20
SB75258-22	IB-C4B-Br1-12"	Brick	13-Aug-13 14:40	19-Aug-13 16:20
SB75258-23	IB-C2-CM1-6"	Concrete	13-Aug-13 11:07	19-Aug-13 16:20
SB75258-24	IB-C2-CM1-12"	Concrete	13-Aug-13 11:05	19-Aug-13 16:20
SB75258-25	IB-C2-CM2-6"	Concrete	13-Aug-13 11:08	19-Aug-13 16:20
SB75258-26	IB-C2-CM2-12"	Concrete	13-Aug-13 11:06	19-Aug-13 16:20

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 138 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

11 Almgren Drive
Agawam, MA 01001
(413) 789-9018

This preceding chain of custody has been amended to include the client requested additional analyses as noted below:

Laboratory ID	*Client ID*	*Analysis*	*Added*
SB75258-17	IB-C2-C05-6"	Polychlorinated Biphenyls	8/26/2013
SB75258-17	IB-C2-C05-6"	Solids, Percent	8/26/2013
SB75258-18	IB-C2-C05-12"	Polychlorinated Biphenyls	8/26/2013
SB75258-18	IB-C2-C05-12"	Solids, Percent	8/26/2013
SB75258-21	IB-C4B-Br1-6"	Polychlorinated Biphenyls	8/26/2013
SB75258-21	IB-C4B-Br1-6"	Solids, Percent	8/26/2013
SB75258-22	IB-C4B-Br1-12"	Polychlorinated Biphenyls	8/26/2013
SB75258-22	IB-C4B-Br1-12"	Solids, Percent	8/26/2013
SB75258-23	IB-C2-CM1-6"	Polychlorinated Biphenyls	8/26/2013
SB75258-23	IB-C2-CM1-6"	Solids, Percent	8/26/2013
SB75258-24	IB-C2-CM1-12"	Polychlorinated Biphenyls	8/26/2013
SB75258-24	IB-C2-CM1-12"	Solids, Percent	8/26/2013
SB75258-25	IB-C2-CM2-6"	Polychlorinated Biphenyls	8/26/2013
SB75258-25	IB-C2-CM2-6"	Solids, Percent	8/26/2013
SB75258-26	IB-C2-CM2-12"	Polychlorinated Biphenyls	8/26/2013
SB75258-26	IB-C2-CM2-12"	Solids, Percent	8/26/2013

State Of Connecticut
Department of Environmental Protection
Laboratory Quality Control and Quality Assurance Form

Laboratory Name: Spectrum Analytical, Inc.

Project Location: Conn DOT - Windsor Locks, CT

Project Name and Number: Conn DOT - Windsor Locks, CT / 183572.4445.0710

This form provides certification for the following data set: SB75253-01 through SB75258-26

Sample matrices:	**Analytical methods used:**
Asphalt	-
Brick	SM2540 G Mod.
Concrete	SW846 8082A

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain of Custody documentation for the data set?	☑ Yes	☐ No
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed?	☑ Yes	☐ No
C	Were all QC performance standards and recommendations for the specified methods achieved?	☑ Yes	☐ No
D	Were results for all analytc-list compounds/elements for the specified method(s) reported?	☐ Yes	☑ No *

* The compounds and/or elements reported are as specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

Negative responses for A, B and C are addressed in a case narrative on the cover page of this report.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 9/3/2013

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: Conn DOT - Windsor Locks, CT

Project Number: 183572.4445.0710

Sampling Date(s):
8/12/2013 through 8/13/2013

Laboratory Sample ID(s):
SB75253-01 through SB75258-26

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	Yes	✓ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	✓ Yes	No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 9/3/2013

CASE NARRATIVE:

The samples were received 1.3 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may he analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8082A

Samples:

SB75253-04 *IB-C3-Br4-0"*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB75253-06 *IB-C3-Br6-0"*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB75253-18 *IB-C12*

Difference between the two GC columns is greater than 40%.

Aroclor-1254

SB75253-21 *IB-C15*

Difference between the two GC columns is greater than 40%.

Aroclor-1254

SB75253-53 *IB-C47*

Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

4,4-DB-Octafluorobiphenyl (Sr) [2C]

SB75253-79 *IB-A11*

SW846 8082A

Samples:

SB75253-79 *IB-A11*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB75253-92 *IB-C2-CM1-0"*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB75253-94 *IB-C2-CM2-0"*

Sample dilutiou required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB75258-05 *IB-C2-C05-0"*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

Sample Acceptance Check Form

Client:	TRC - Windsor, CT
Project:	Conn DOT - Windsor Locks, CT / 183572.4445.0710
Work Order:	SB75253
Sample(s) received on:	8/19/2013
Received by:	Tanya Krivolenko

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
1. Were custody seals present?	☐	☑	☐
2. Were custody seals intact?	☐	☐	☑
3. Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
4. Were samples cooled on ice upon transfer to laboratory representative?	☐	☑	☐
5. Were samples refrigerated upon transfer to laboratory representative?	☑	☐	☐
6. Were sample containers received intact?	☑	☐	☐
7. Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
8. Were samples accompanied by a Chain of Custody document?	☑	☐	☐
9. Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☑	☐	☐
10. Did sample container labels agree with Chain of Custody document?	☑	☐	☐
11. Were samples received within method-specific holding times?	☑	☐	☐

Sample Acceptance Check Form

Client:	TRC - Windsor, CT
Project:	Conn DOT - Windsor Locks, CT / 183572.4445.0710
Work Order:	SB75258
Sample(s) received on:	8/19/2013
Received by:	Tanya Krivolenko

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
1. Were custody seals present?	☐	☑	☐
2. Were custody seals intact?	☐	☐	☑
3. Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
4. Were samples cooled on ice upon transfer to laboratory representative?	☐	☑	☐
5. Were samples refrigerated upon transfer to laboratory representative?	☑	☐	☐
6. Were sample containers received intact?	☑	☐	☐
7. Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
8. Were samples accompanied by a Chain of Custody document?	☑	☐	☐
9. Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☑	☐	☐
10. Did sample container labels agree with Chain of Custody document?	☑	☐	☐
11. Were samples received within method-specific holding times?	☑	☐	☐

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C3-Br1-0"	183572.4445.0710	Brick	12-Aug-13 12:07	19-Aug-13
S[illegible]53-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.7		µg/kg dry	65.7	49.1	1	SW846 8082A	19-Aug-13	21-Aug-13	IMR	1319935	X
11104-28-2	Aroclor-1221	< 65.7		µg/kg dry	65.7	59.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.7		µg/kg dry	65.7	42.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.7		µg/kg dry	65.7	39.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.7		µg/kg dry	65.7	34.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	177		µg/kg dry	65.7	54.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.7		µg/kg dry	65.7	40.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.7		µg/kg dry	65.7	61.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.7		µg/kg dry	65.7	27.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-200 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-200 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	100		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320005	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C3-Br2-0"	183572.4445.0710	Brick	12-Aug-13 15:15	19-Aug-13
SB75253-02				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.4		µg/kg dry	65.4	48.8	1	SW846 8082A	19-Aug-13	21-Aug-13	IMR	1319935	X
11104-28-2	Aroclor-1221	< 65.4		µg/kg dry	65.4	58.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.4		µg/kg dry	65.4	42.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.4		µg/kg dry	65.4	39.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.4		µg/kg dry	65.4	34.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	88.3		µg/kg dry	65.4	54.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.4		µg/kg dry	65.4	40.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.4		µg/kg dry	65.4	60.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.4		µg/kg dry	65.4	27.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-200 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-200 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	100		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320005	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C3-Br3-0" [redacted]53-03	183572.4445.0710	Brick	13-Aug-13 11:44	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.4		µg/kg dry	59.4	44.4	1	SW846 8082A	19-Aug-13	21-Aug-13	IMR	1319935	X
11104-28-2	Aroclor-1221	< 59.4		µg/kg dry	59.4	53.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.4		µg/kg dry	59.4	38.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.4		µg/kg dry	59.4	35.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.4		µg/kg dry	59.4	30.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 59.4		µg/kg dry	59.4	49.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 59.4		µg/kg dry	59.4	36.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.4		µg/kg dry	59.4	55.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.4		µg/kg dry	59.4	24.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*35*			*30-200 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*35*			*30-200 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320005	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C3-Br4-0"	183572.4445.0710	Brick	13-Aug-13 13:30	19-Aug-13
SB75253-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 610	D	µg/kg dry	610	456	10	SW846 8082A	19-Aug-13	21-Aug-13	IMR	1319935	X
11104-28-2	Aroclor-1221	< 610	D	µg/kg dry	610	550	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 610	D	µg/kg dry	610	392	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 610	D	µg/kg dry	610	367	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 610	D	µg/kg dry	610	317	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	17,400	D	µg/kg dry	610	357	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 610	D	µg/kg dry	610	378	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 610	D	µg/kg dry	610	568	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 610	D	µg/kg dry	610	252	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*			*30-200 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-200 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	100		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320005	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1B-C3-Br5-0"	183572.4445.0710	Brick	13-Aug-13 13:42	19-Aug-13
S[illegible]53-05				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.0		µg/kg dry	64.0	47.8	1	SW846 8082A	19-Aug-13	21-Aug-13	IMR	1319935	X
11104-28-2	Aroclor-1221	< 64.0		µg/kg dry	64.0	57.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.0		µg/kg dry	64.0	41.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.0		µg/kg dry	64.0	38.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.0		µg/kg dry	64.0	33.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	125		µg/kg dry	64.0	53.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.0		µg/kg dry	64.0	39.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.0		µg/kg dry	64.0	59.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.0		µg/kg dry	64.0	26.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*83*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-200 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*88*			*30-200 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320005	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C3-Br6-0" SB75253-06	183572.4445.0710	Brick	13-Aug-13 14:03	19-Aug-13

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 596	D	µg/kg dry	596	445	10	SW846 8082A	19-Aug-13	21-Aug-13	IMR	1319935	X
11104-28-2	Aroclor-1221	< 596	D	µg/kg dry	596	537	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 596	D	µg/kg dry	596	383	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 596	D	µg/kg dry	596	359	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 596	D	µg/kg dry	596	310	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	14,500	D	µg/kg dry	596	497	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 596	D	µg/kg dry	596	370	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 596	D	µg/kg dry	596	556	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 596	D	µg/kg dry	596	246	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-200 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*			*30-200 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320005	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C1 [redacted]53-07	183572.4445.0710	Concrete	12-Aug-13 09:05	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.7		µg/kg dry	61.7	46.1	1	SW846 8082A	19-Aug-13	21-Aug-13	IMR	1319935	X
11104-28-2	Aroclor-1221	< 61.7		µg/kg dry	61.7	55.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.7		µg/kg dry	61.7	39.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.7		µg/kg dry	61.7	37.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.7		µg/kg dry	61.7	32.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 61.7		µg/kg dry	61.7	51.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.7		µg/kg dry	61.7	38.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.7		µg/kg dry	61.7	57.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.7		µg/kg dry	61.7	25.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-200 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-200 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320005	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2	183572.4445.0710	Concrete	12-Aug-13 09:09	19-Aug-13
SB75253-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.0		µg/kg dry	66.0	49.3	1	SW846 8082A	19-Aug-13	21-Aug-13	IMR	1319935	X
11104-28-2	Aroclor-1221	< 66.0		µg/kg dry	66.0	59.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.0		µg/kg dry	66.0	42.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.0		µg/kg dry	66.0	39.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.0		µg/kg dry	66.0	34.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 66.0		µg/kg dry	66.0	55.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.0		µg/kg dry	66.0	40.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.0		µg/kg dry	66.0	61.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.0		µg/kg dry	66.0	27.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-200 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-200 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.3		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320005	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C3 [redacted]53-09	183572.4445.0710	Concrete	12-Aug-13 09:13	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.4		µg/kg dry	64.4	48.1	1	SW846 8082A	19-Aug-13	21-Aug-13	IMR	1319935	X
11104-28-2	Aroclor-1221	< 64.4		µg/kg dry	64.4	58.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.4		µg/kg dry	64.4	41.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.4		µg/kg dry	64.4	38.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.4		µg/kg dry	64.4	33.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.4		µg/kg dry	64.4	53.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.4		µg/kg dry	64.4	39.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.4		µg/kg dry	64.4	59.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.4		µg/kg dry	64.4	26.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-200 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-200 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.1		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320005	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C4	183572.4445.0710	Concrete	12-Aug-13 09:14	19-Aug-13
SB75253-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.6		µg/kg dry	61.6	46.0	1	SW846 8082A	19-Aug-13	21-Aug-13	IMR	1319935	X
11104-28-2	Aroclor-1221	< 61.6		µg/kg dry	61.6	55.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.6		µg/kg dry	61.6	39.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.6		µg/kg dry	61.6	37.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.6		µg/kg dry	61.6	32.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 61.6		µg/kg dry	61.6	51.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.6		µg/kg dry	61.6	38.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.6		µg/kg dry	61.6	57.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.6		µg/kg dry	61.6	25.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-200 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-200 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.8		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320005	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C5 [redacted]53-11	183572.4445.0710	Concrete	12-Aug-13 09:25	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.1		µg/kg dry	65.1	48.6	1	SW846 8082A	19-Aug-13	21-Aug-13	IMR	1319935	X
11104-28-2	Aroclor-1221	< 65.1		µg/kg dry	65.1	58.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.1		µg/kg dry	65.1	41.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.1		µg/kg dry	65.1	39.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.1		µg/kg dry	65.1	33.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 65.1		µg/kg dry	65.1	54.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.1		µg/kg dry	65.1	40.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.1		µg/kg dry	65.1	60.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.1		µg/kg dry	65.1	26.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-200 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-200 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.5		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320005	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C6	183572.4445.0710	Concrete	12-Aug-13 09:30	19-Aug-13
SB75253-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.2		µg/kg dry	64.2	47.9	1	SW846 8082A	19-Aug-13	21-Aug-13	IMR	1319935	X
11104-28-2	Aroclor-1221	< 64.2		µg/kg dry	64.2	57.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.2		µg/kg dry	64.2	41.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.2		µg/kg dry	64.2	38.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.2		µg/kg dry	64.2	33.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.2		µg/kg dry	64.2	53.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.2		µg/kg dry	64.2	39.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 84.2		µg/kg dry	84.2	59.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.2		µg/kg dry	64.2	26.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-200 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-200 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320005	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C7	183572.4445.0710	Concrete	12-Aug-13 09:32	19-Aug-13
[illegible]253-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 67.6		µg/kg dry	67.6	50.5	1	SW846 8082A	19-Aug-13	21-Aug-13	IMR	1319935	X
11104-28-2	Aroclor-1221	< 67.6		µg/kg dry	67.6	60.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 67.6		µg/kg dry	67.6	43.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 67.6		µg/kg dry	67.6	40.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 67.6		µg/kg dry	67.6	35.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 67.6		µg/kg dry	67.6	56.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 67.6		µg/kg dry	67.6	41.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 67.6		µg/kg dry	67.6	62.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 67.6		µg/kg dry	67.6	27.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-200 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-200 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.4		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320005	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C8	183572.4445.0710	Concrete	12-Aug-13 09:35	19-Aug-13
SB75253-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.9		µg/kg dry	65.9	49.2	1	SW846 8082A	19-Aug-13	21-Aug-13	IMR	1319935	X
11104-28-2	Aroclor-1221	< 65.9		µg/kg dry	65.9	59.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.9		µg/kg dry	65.9	42.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.9		µg/kg dry	65.9	39.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.9		µg/kg dry	65.9	34.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	227		µg/kg dry	65.9	38.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	277		µg/kg dry	65.9	40.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.9		µg/kg dry	65.9	61.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.9		µg/kg dry	65.9	27.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*82*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*87*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*97*			*30-200 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*108*			*30-200 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.6		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320005	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C9 S[illegible]53-15	183572.4445.0710	Concrete	12-Aug-13 09:40	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 67.1		µg/kg dry	67.1	50.1	1	SW846 8082A	19-Aug-13	21-Aug-13	IMR	1319935	X
11104-28-2	Aroclor-1221	< 67.1		µg/kg dry	67.1	60.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 67.1		µg/kg dry	67.1	43.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 67.1		µg/kg dry	67.1	40.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 67.1		µg/kg dry	67.1	34.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 67.1		µg/kg dry	67.1	55.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 67.1		µg/kg dry	67.1	41.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 67.1		µg/kg dry	67.1	62.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 67.1		µg/kg dry	67.1	27.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-200 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-200 %*			"	"	"	"	"	
General Chemistry Parameters													
[illegible]	% Solids	99.2		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C10	183572.4445.0710	Concrete	12-Aug-13 09:41	19-Aug-13
SB75253-16				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.9		µg/kg dry	66.9	49.9	1	SW846 8082A	19-Aug-13	22-Aug-13	BLM	1319944	X
11104-28-2	Aroclor-1221	< 66.9		µg/kg dry	66.9	60.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.9		µg/kg dry	66.9	42.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.9		µg/kg dry	66.9	40.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.9		µg/kg dry	66.9	34.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 66.9		µg/kg dry	66.9	55.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.9		µg/kg dry	66.9	41.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.9		µg/kg dry	66.9	62.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.9		µg/kg dry	66.9	27.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C11 [redacted]253-17	183572.4445.0710	Concrete	12-Aug-13 10:20	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.4		µg/kg dry	65.4	48.8	1	SW846 8082A	19-Aug-13	22-Aug-13	BLM	1319944	X
11104-28-2	Aroclor-1221	< 65.4		µg/kg dry	65.4	58.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.4		µg/kg dry	65.4	42.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.4		µg/kg dry	65.4	39.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.4		µg/kg dry	65.4	34.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	68.7		µg/kg dry	65.4	38.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.4		µg/kg dry	65.4	40.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.4		µg/kg dry	65.4	60.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.4		µg/kg dry	65.4	27.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*135*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*135*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C12	183572.4445.0710	Concrete	12-Aug-13 10:14	19-Aug-13
SB75253-18				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 58.1		µg/kg dry	58.1	43.4	1	SW846 8082A	19-Aug-13	22-Aug-13	BLM	1319944	X
11104-28-2	Aroclor-1221	< 58.1		µg/kg dry	58.1	52.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 58.1		µg/kg dry	58.1	37.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 58.1		µg/kg dry	58.1	35.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 58.1		µg/kg dry	58.1	30.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	98.8	P	µg/kg dry	58.1	48.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 58.1		µg/kg dry	58.1	36.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 58.1		µg/kg dry	58.1	54.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 58.1		µg/kg dry	58.1	24.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C13	183572.4445.0710	Concrete	12-Aug-13 10:22	19-Aug-13
[redacted]253-19				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.1		µg/kg dry	64.1	47.9	1	SW846 8082A	19-Aug-13	22-Aug-13	BLM	1319944	X
11104-28-2	Aroclor-1221	< 64.1		µg/kg dry	64.1	57.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.1		µg/kg dry	64.1	41.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.1		µg/kg dry	64.1	38.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.1		µg/kg dry	64.1	33.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	< 64.1		µg/kg dry	64.1	37.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.1		µg/kg dry	64.1	39.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.1		µg/kg dry	64.1	59.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.1		µg/kg dry	64.1	26.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	98.8		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C14	183572.4445.0710	Concrete	12-Aug-13 10:27	19-Aug-13
SB75253-20				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.5		µg/kg dry	63.5	47.5	1	SW846 8082A	19-Aug-13	22-Aug-13	BLM	1319944	X
11104-28-2	Aroclor-1221	< 63.5		µg/kg dry	63.5	57.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.5		µg/kg dry	63.5	40.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.5		µg/kg dry	63.5	38.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.5		µg/kg dry	63.5	33.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.5		µg/kg dry	63.5	53.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.5		µg/kg dry	63.5	39.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.5		µg/kg dry	63.5	59.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.5		µg/kg dry	63.5	26.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*35*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C15 [redacted]53-21	183572.4445.0710	Concrete	12-Aug-13 10:32	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.3		µg/kg dry	66.3	49.5	1	SW846 8082A	19-Aug-13	22-Aug-13	BLM	1319944	X
11104-28-2	Aroclor-1221	< 66.3		µg/kg dry	66.3	59.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.3		µg/kg dry	66.3	42.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.3		µg/kg dry	66.3	39.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.3		µg/kg dry	66.3	34.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	66.3	P	µg/kg dry	66.3	55.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.3		µg/kg dry	66.3	41.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.3		µg/kg dry	66.3	61.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.3		µg/kg dry	66.3	27.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*40*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C16	183572.4445.0710	Concrete	12-Aug-13 10:40	19-Aug-13
SB75253-22				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.5		µg/kg dry	66.5	49.6	1	SW846 8082A	19-Aug-13	22-Aug-13	BLM	1319944	X
11104-28-2	Aroclor-1221	< 66.5		µg/kg dry	66.5	59.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.5		µg/kg dry	66.5	42.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.5		µg/kg dry	66.5	40.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.5		µg/kg dry	66.5	34.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 66.5		µg/kg dry	66.5	55.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.5		µg/kg dry	66.5	41.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.5		µg/kg dry	66.5	61.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.5		µg/kg dry	66.5	27.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*40*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C17 [redacted]53-23	183572.4445.0710	Concrete	12-Aug-13 10:43	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.1		µg/kg dry	66.1	49.4	1	SW846 8082A	19-Aug-13	22-Aug-13	BLM	1319944	X
11104-28-2	Aroclor-1221	< 66.1		µg/kg dry	66.1	59.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.1		µg/kg dry	66.1	42.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.1		µg/kg dry	66.1	39.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.1		µg/kg dry	66.1	34.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 66.1		µg/kg dry	66.1	55.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.1		µg/kg dry	66.1	41.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.1		µg/kg dry	66.1	61.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.1		µg/kg dry	66.1	27.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C18	183572.4445.0710	Concrete	12-Aug-13 10:55	19-Aug-13
SB75253-24				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.3		µg/kg dry	66.3	49.5	1	SW846 8082A	19-Aug-13	22-Aug-13	BLM	1319944	X
11104-28-2	Aroclor-1221	< 66.3		µg/kg dry	66.3	59.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.3		µg/kg dry	66.3	42.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.3		µg/kg dry	66.3	39.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.3		µg/kg dry	66.3	34.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 66.3		µg/kg dry	66.3	55.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.3		µg/kg dry	66.3	41.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.3		µg/kg dry	66.3	61.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.3		µg/kg dry	66.3	27.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C19	183572.4445.0710	Concrete	12-Aug-13 11:00	19-Aug-13
S[illegible]53-25				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.0		µg/kg dry	65.0	48.5	1	SW846 8082A	19-Aug-13	22-Aug-13	BLM	1319944	X
11104-28-2	Aroclor-1221	< 65.0		µg/kg dry	65.0	58.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.0		µg/kg dry	65.0	41.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.0		µg/kg dry	65.0	39.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.0		µg/kg dry	65.0	33.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 65.0		µg/kg dry	65.0	54.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.0		µg/kg dry	65.0	40.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.0		µg/kg dry	65.0	60.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.0		µg/kg dry	65.0	26.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C20	183572.4445.0710	Concrete	12-Aug-13 11:05	19-Aug-13
SB75253-26				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.9		µg/kg dry	66.9	50.0	1	SW846 8082A	19-Aug-13	22-Aug-13	BLM	1319944	X
11104-28-2	Aroclor-1221	< 66.9		µg/kg dry	66.9	60.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.9		µg/kg dry	66.9	42.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.9		µg/kg dry	66.9	40.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.9		µg/kg dry	66.9	34.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 66.9		µg/kg dry	66.9	55.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.9		µg/kg dry	66.9	41.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.9		µg/kg dry	66.9	62.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.9		µg/kg dry	66.9	27.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C21 [redacted]53-27	183572.4445.0710	Concrete	12-Aug-13 11:40	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.2		µg/kg dry	66.2	49.4	1	SW846 8082A	19-Aug-13	22-Aug-13	BLM	1319944	X
11104-28-2	Aroclor-1221	< 66.2		µg/kg dry	66.2	59.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.2		µg/kg dry	66.2	42.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.2		µg/kg dry	66.2	39.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.2		µg/kg dry	66.2	34.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 66.2		µg/kg dry	66.2	55.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.2		µg/kg dry	66.2	41.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.2		µg/kg dry	66.2	61.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.2		µg/kg dry	66.2	27.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	100		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C22 SB75253-28	183572.4445.0710	Concrete	12-Aug-13 11:42	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.4		µg/kg dry	63.4	47.4	1	SW846 8082A	19-Aug-13	22-Aug-13	BLM	1319944	X
11104-28-2	Aroclor-1221	< 63.4		µg/kg dry	63.4	57.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.4		µg/kg dry	63.4	40.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.4		µg/kg dry	63.4	38.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.4		µg/kg dry	63.4	33.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.4		µg/kg dry	63.4	52.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.4		µg/kg dry	63.4	39.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.4		µg/kg dry	63.4	59.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.4		µg/kg dry	63.4	26.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C23	183572.4445.0710	Concrete	12-Aug-13 11:48	19-Aug-13
SB75253-29				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.5		µg/kg dry	65.5	48.9	1	SW846 8082A	19-Aug-13	22-Aug-13	BLM	1319944	X
11104-28-2	Aroclor-1221	< 65.5		µg/kg dry	65.5	59.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.5		µg/kg dry	65.5	42.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.5		µg/kg dry	65.5	39.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.5		µg/kg dry	65.5	34.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 65.5		µg/kg dry	65.5	54.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.5		µg/kg dry	65.5	40.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.5		µg/kg dry	65.5	61.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.5		µg/kg dry	65.5	27.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C24	183572.4445.0710	Concrete	12-Aug-13 11:52	19-Aug-13
SB75253-30				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.4		µg/kg dry	60.4	45.1	1	SW846 8082A	19-Aug-13	22-Aug-13	BLM	1319944	X
11104-28-2	Aroclor-1221	< 60.4		µg/kg dry	60.4	54.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.4		µg/kg dry	60.4	38.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.4		µg/kg dry	60.4	36.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.4		µg/kg dry	60.4	31.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.4		µg/kg dry	60.4	50.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.4		µg/kg dry	60.4	37.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.4		µg/kg dry	60.4	56.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.4		µg/kg dry	60.4	24.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C25 [redacted]53-31	183572.4445.0710	Concrete	12-Aug-13 11:55	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.0		µg/kg dry	62.0	46.3	1	SW846 8082A	19-Aug-13	22-Aug-13	BLM	1319944	X
11104-28-2	Aroclor-1221	< 62.0		µg/kg dry	62.0	55.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.0		µg/kg dry	62.0	39.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.0		µg/kg dry	62.0	37.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.0		µg/kg dry	62.0	32.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.0		µg/kg dry	62.0	51.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.0		µg/kg dry	62.0	38.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.0		µg/kg dry	62.0	57.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.0		µg/kg dry	62.0	25.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*35*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	99.3		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C26	183572.4445.0710	Concrete	12-Aug-13 11:57	19-Aug-13
SB75253-32				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.5		µg/kg dry	64.5	48.1	1	SW846 8082A	19-Aug-13	22-Aug-13	BLM	1319944	X
11104-28-2	Aroclor-1221	< 64.5		µg/kg dry	64.5	58.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.5		µg/kg dry	64.5	41.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.5		µg/kg dry	64.5	38.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.5		µg/kg dry	64.5	33.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.5		µg/kg dry	64.5	53.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.5		µg/kg dry	64.5	40.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.5		µg/kg dry	64.5	60.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.5		µg/kg dry	64.5	26.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*40*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C27	183572.4445.0710	Concrete	12-Aug-13 12:01	19-Aug-13
SB75253-33				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.0		µg/kg dry	59.0	44.1	1	SW846 8082A	19-Aug-13	22-Aug-13	BLM	1319944	X
11104-28-2	Aroclor-1221	< 59.0		µg/kg dry	59.0	53.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.0		µg/kg dry	59.0	37.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.0		µg/kg dry	59.0	35.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.0		µg/kg dry	59.0	30.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	91.4		µg/kg dry	59.0	34.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 59.0		µg/kg dry	59.0	36.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.0		µg/kg dry	59.0	54.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.0		µg/kg dry	59.0	24.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1B-C28	183572.4445.0710	Concrete	12-Aug-13 13:50	19-Aug-13
SB75253-34				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.5		µg/kg dry	66.5	49.7	1	SW846 8082A	19-Aug-13	22-Aug-13	BLM	1319944	X
11104-28-2	Aroclor-1221	< 66.5		µg/kg dry	66.5	59.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.5		µg/kg dry	66.5	42.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.5		µg/kg dry	66.5	40.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.5		µg/kg dry	66.5	34.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 66.5		µg/kg dry	66.5	55.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.5		µg/kg dry	66.5	41.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.5		µg/kg dry	66.5	62.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.5		µg/kg dry	66.5	27.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.0		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320006	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C29 S[redacted]63-35	183572.4445.0710	Concrete	12-Aug-13 13:58	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.1		µg/kg dry	60.1	44.9	1	SW846 8082A	19-Aug-13	22-Aug-13	BLM	1319944	X
11104-28-2	Aroclor-1221	< 60.1		µg/kg dry	60.1	54.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.1		µg/kg dry	60.1	38.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.1		µg/kg dry	60.1	36.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.1		µg/kg dry	60.1	31.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.1		µg/kg dry	60.1	50.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.1		µg/kg dry	60.1	37.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.1		µg/kg dry	60.1	56.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.1		µg/kg dry	60.1	24.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.8		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320007	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C30	183572.4445.0710	Concrete	12-Aug-13 14:04	19-Aug-13
SB75253-36				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.9		µg/kg dry	64.9	48.5	1	SW846 8082A	20-Aug-13	22-Aug-13	BLM	1319949	X
11104-28-2	Aroclor-1221	< 64.9		µg/kg dry	64.9	58.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.9		µg/kg dry	64.9	41.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.9		µg/kg dry	64.9	39.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.9		µg/kg dry	64.9	33.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.9		µg/kg dry	64.9	54.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.9		µg/kg dry	64.9	40.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.9		µg/kg dry	64.9	60.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.9		µg/kg dry	64.9	26.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.6		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320007	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C31 [redacted]53-37	183572.4445.0710	Concrete	12-Aug-13 14:28	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.0		µg/kg dry	62.0	46.3	1	SW846 8082A	20-Aug-13	22-Aug-13	BLM	1319949	X
11104-28-2	Aroclor-1221	< 62.0		µg/kg dry	62.0	55.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.0		µg/kg dry	62.0	39.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.0		µg/kg dry	62.0	37.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.0		µg/kg dry	62.0	32.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.0		µg/kg dry	62.0	51.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.0		µg/kg dry	62.0	38.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.0		µg/kg dry	62.0	57.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.0		µg/kg dry	62.0	25.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	98.4		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320007	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C32	183572.4445.0710	Concrete	12-Aug-13 14:32	19-Aug-13
SB75253-38				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.3		µg/kg dry	65.3	48.8	1	SW846 8082A	20-Aug-13	22-Aug-13	BLM	1319949	X
11104-28-2	Aroclor-1221	< 65.3		µg/kg dry	65.3	58.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.3		µg/kg dry	65.3	41.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.3		µg/kg dry	65.3	39.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.3		µg/kg dry	65.3	34.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 65.3		µg/kg dry	65.3	54.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.3		µg/kg dry	65.3	40.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.3		µg/kg dry	65.3	60.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.3		µg/kg dry	65.3	27.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320007	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C33 [redacted]53-39	183572.4445.0710	Concrete	12-Aug-13 14:50	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.5		µg/kg dry	65.5	48.9	1	SW846 8082A	20-Aug-13	22-Aug-13	BLM	1319949	X
11104-28-2	Aroclor-1221	< 65.5		µg/kg dry	65.5	59.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.5		µg/kg dry	65.5	42.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.5		µg/kg dry	65.5	39.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.5		µg/kg dry	65.5	34.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 65.5		µg/kg dry	65.5	54.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.5		µg/kg dry	65.5	40.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.5		µg/kg dry	65.5	61.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.5		µg/kg dry	65.5	27.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320007	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1B-C34	183572.4445.0710	Concrete	12-Aug-13 14:55	19-Aug-13
SB75253-40				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.3		µg/kg dry	66.3	49.6	1	SW846 8082A	20-Aug-13	22-Aug-13	BLM	1319949	X
11104-28-2	Aroclor-1221	< 66.3		µg/kg dry	66.3	59.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.3		µg/kg dry	66.3	42.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.3		µg/kg dry	66.3	39.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.3		µg/kg dry	66.3	34.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 66.3		µg/kg dry	66.3	55.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.3		µg/kg dry	66.3	41.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.3		µg/kg dry	66.3	61.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.3		µg/kg dry	66.3	27.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.0		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320007	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C35 [redacted]53-41	183572.4445.0710	Concrete	12-Aug-13 15:18	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.1		µg/kg dry	62.1	46.4	1	SW846 8082A	20-Aug-13	22-Aug-13	BLM	1319949	X
11104-28-2	Aroclor-1221	< 62.1		µg/kg dry	62.1	55.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.1		µg/kg dry	62.1	39.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.1		µg/kg dry	62.1	37.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.1		µg/kg dry	62.1	32.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.1		µg/kg dry	62.1	51.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.1		µg/kg dry	62.1	38.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.1		µg/kg dry	62.1	57.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.1		µg/kg dry	62.1	25.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	99.5		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320007	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C36	183572.4445.0710	Concrete	12-Aug-13 15:23	19-Aug-13
SB75253-42				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.9		µg/kg dry	61.9	46.2	1	SW846 8082A	20-Aug-13	22-Aug-13	BLM	1319949	X
11104-28-2	Aroclor-1221	< 61.9		µg/kg dry	61.9	55.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.9		µg/kg dry	61.9	39.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.9		µg/kg dry	61.9	37.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.9		µg/kg dry	61.9	32.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 61.9		µg/kg dry	61.9	51.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.9		µg/kg dry	61.9	38.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.9		µg/kg dry	61.9	57.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.9		µg/kg dry	61.9	25.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320007	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C37	183572.4445.0710	Concrete	12-Aug-13 15:28	19-Aug-13
S[illegible]253-43				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.9		µg/kg dry	59.9	44.7	1	SW846 8082A	20-Aug-13	22-Aug-13	BLM	1319949	X
11104-28-2	Aroclor-1221	< 59.9		µg/kg dry	59.9	53.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.9		µg/kg dry	59.9	38.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.9		µg/kg dry	59.9	36.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.9		µg/kg dry	59.9	31.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 59.9		µg/kg dry	59.9	49.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 59.9		µg/kg dry	59.9	37.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.9		µg/kg dry	59.9	55.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.9		µg/kg dry	59.9	24.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320007	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C38	183572.4445.0710	Concrete	12-Aug-13 15:33	19-Aug-13
SB75253-44				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.2		µg/kg dry	61.2	45.7	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1319949	X
11104-28-2	Aroclor-1221	< 61.2		µg/kg dry	61.2	55.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.2		µg/kg dry	61.2	39.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.2		µg/kg dry	61.2	36.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.2		µg/kg dry	61.2	31.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 61.2		µg/kg dry	61.2	51.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.2		µg/kg dry	61.2	38.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.2		µg/kg dry	61.2	57.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.2		µg/kg dry	61.2	25.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.4		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320007	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C39 [redacted]53-45	183572.4445.0710	Concrete	13-Aug-13 09:38	19-Aug-13

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.8		µg/kg dry	60.8	45.4	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1319949	X
11104-28-2	Aroclor-1221	< 60.8		µg/kg dry	60.8	54.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.8		µg/kg dry	60.8	39.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.8		µg/kg dry	60.8	36.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.8		µg/kg dry	60.8	31.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.8		µg/kg dry	60.8	50.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.8		µg/kg dry	60.8	37.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.8		µg/kg dry	60.8	56.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.8		µg/kg dry	60.8	25.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320007	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C40	183572.4445.0710	Concrete	13-Aug-13 09:35	19-Aug-13
SB75253-46				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.9		µg/kg dry	64.9	48.5	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1319949	X
11104-28-2	Aroclor-1221	< 64.9		µg/kg dry	64.9	58.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.9		µg/kg dry	64.9	41.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.9		µg/kg dry	64.9	39.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.9		µg/kg dry	64.9	33.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.9		µg/kg dry	64.9	54.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.9		µg/kg dry	64.9	40.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.9		µg/kg dry	64.9	60.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.9		µg/kg dry	64.9	26.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.6		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320007	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1B-C41 SB75253-47	183572.4445.0710	Concrete	13-Aug-13 11:40	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.3		µg/kg dry	64.3	48.0	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1319949	X
11104-28-2	Aroclor-1221	< 64.3		µg/kg dry	64.3	57.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.3		µg/kg dry	64.3	41.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.3		µg/kg dry	64.3	38.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.3		µg/kg dry	64.3	33.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.3		µg/kg dry	64.3	53.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.3		µg/kg dry	64.3	39.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.3		µg/kg dry	64.3	59.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.3		µg/kg dry	64.3	26.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.1		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320007	

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* Reportable Detection Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1B-C42	183572.4445.0710	Concrete	13-Aug-13 11:46	19-Aug-13
SB75253-48				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.3		µg/kg dry	62.3	46.6	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1319949	X
11104-28-2	Aroclor-1221	< 62.3		µg/kg dry	62.3	56.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.3		µg/kg dry	62.3	40.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.3		µg/kg dry	62.3	37.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.3		µg/kg dry	62.3	32.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.3		µg/kg dry	62.3	52.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.3		µg/kg dry	62.3	38.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.3		µg/kg dry	62.3	58.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.3		µg/kg dry	62.3	25.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.6		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320007	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1B-C43 [redacted]253-49	183572.4445.0710	Concrete	13-Aug-13 11:50	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.4		µg/kg dry	60.4	45.1	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1319949	X
11104-28-2	Aroclor-1221	< 60.4		µg/kg dry	60.4	54.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.4		µg/kg dry	60.4	38.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.4		µg/kg dry	60.4	36.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.4		µg/kg dry	60.4	31.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.4		µg/kg dry	60.4	50.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.4		µg/kg dry	60.4	37.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.4		µg/kg dry	60.4	56.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.4		µg/kg dry	60.4	24.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.0		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320007	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C44				
SB75253-50	183572.4445.0710	Concrete	13-Aug-13 11:54	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.5		µg/kg dry	61.5	46.0	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1319949	X
11104-28-2	Aroclor-1221	< 61.5		µg/kg dry	61.5	55.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.5		µg/kg dry	61.5	39.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.5		µg/kg dry	61.5	37.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.5		µg/kg dry	61.5	32.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 61.5		µg/kg dry	61.5	51.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.5		µg/kg dry	61.5	38.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.5		µg/kg dry	61.5	57.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.5		µg/kg dry	61.5	25.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.5		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320007	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C45 S[illegible]53-51	183572.4445.0710	Concrete	13-Aug-13 11:58	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.2		µg/kg dry	63.2	47.2	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1319949	X
11104-28-2	Aroclor-1221	< 63.2		µg/kg dry	63.2	56.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.2		µg/kg dry	63.2	40.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.2		µg/kg dry	63.2	38.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.2		µg/kg dry	63.2	32.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.2		µg/kg dry	63.2	52.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.2		µg/kg dry	63.2	39.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.2		µg/kg dry	63.2	58.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.2		µg/kg dry	63.2	26.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.5		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320007	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C46	183572.4445.0710	Concrete	13-Aug-13 12:02	19-Aug-13
SB75253-52				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.8		µg/kg dry	65.8	49.2	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1319949	X
11104-28-2	Aroclor-1221	< 65.8		µg/kg dry	65.8	59.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.8		µg/kg dry	65.8	42.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.8		µg/kg dry	65.8	39.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.8		µg/kg dry	65.8	34.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	168		µg/kg dry	65.8	38.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.8		µg/kg dry	65.8	40.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.8		µg/kg dry	65.8	61.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.8		µg/kg dry	65.8	27.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.7		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320007	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C47 S[illegible]53-53	183572.4445.0710	Concrete	13-Aug-13 12:06	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.4		µg/kg dry	65.4	46.8	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1319949	X
11104-28-2	Aroclor-1221	< 65.4		µg/kg dry	65.4	58.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.4		µg/kg dry	65.4	42.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.4		µg/kg dry	65.4	39.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.4		µg/kg dry	65.4	34.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	137		µg/kg dry	65.4	38.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.4		µg/kg dry	65.4	40.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.4		µg/kg dry	65.4	60.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.4		µg/kg dry	65.4	27.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*30*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*25*	SGC		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*40*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*30*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.2		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320007	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C48	183572.4445.0710	Concrete	13-Aug-13 12:10	19-Aug-13
SB75253-54				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.3		µg/kg dry	64.3	48.0	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1319949	X
11104-28-2	Aroclor-1221	< 64.3		µg/kg dry	64.3	57.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.3		µg/kg dry	64.3	41.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.3		µg/kg dry	64.3	38.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.3		µg/kg dry	64.3	33.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.3		µg/kg dry	64.3	53.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.3		µg/kg dry	64.3	39.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.3		µg/kg dry	64.3	59.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.3		µg/kg dry	64.3	26.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.8		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320007	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C49	183572.4445.0710	Concrete	13-Aug-13 12:17	19-Aug-13
S[illegible]53-55				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.0		µg/kg dry	64.0	47.8	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1319949	X
11104-28-2	Aroclor-1221	< 64.0		µg/kg dry	64.0	57.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.0		µg/kg dry	64.0	41.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.0		µg/kg dry	64.0	38.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.0		µg/kg dry	64.0	33.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.0		µg/kg dry	64.0	53.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.0		µg/kg dry	64.0	39.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.0		µg/kg dry	64.0	59.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.0		µg/kg dry	64.0	26.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.4		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320008	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C50	183572.4445.0710	Concrete	13-Aug-13 14:52	19-Aug-13
SB75253-56				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 56.6		µg/kg dry	56.6	42.3	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1320018	X
11104-28-2	Aroclor-1221	< 56.6		µg/kg dry	56.6	51.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 56.6		µg/kg dry	56.6	36.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 56.6		µg/kg dry	56.6	34.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 56.6		µg/kg dry	56.6	29.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	249		µg/kg dry	56.6	33.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 56.6		µg/kg dry	56.6	35.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 56.6		µg/kg dry	56.6	52.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 56.6		µg/kg dry	56.6	23.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*135*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.7		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320008	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C51 [redacted]253-57	183572.4445.0710	Concrete	13-Aug-13 14:55	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.3		µg/kg dry	66.3	49.6	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1320018	X
11104-28-2	Aroclor-1221	< 66.3		µg/kg dry	66.3	59.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.3		µg/kg dry	66.3	42.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.3		µg/kg dry	66.3	39.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.3		µg/kg dry	66.3	34.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	1,600		µg/kg dry	66.3	38.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	192		µg/kg dry	66.3	41.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.3		µg/kg dry	66.3	61.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.3		µg/kg dry	66.3	27.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	99.1		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320008	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C52	183572.4445.0710	Concrete	13-Aug-13 15:00	19-Aug-13
SB75253-58				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 56.6		µg/kg dry	56.6	42.3	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1320018	X
11104-28-2	Aroclor-1221	< 56.6		µg/kg dry	56.6	51.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 56.6		µg/kg dry	56.6	36.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 56.6		µg/kg dry	56.6	34.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 56.6		µg/kg dry	56.6	29.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	569		µg/kg dry	56.6	33.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 56.6		µg/kg dry	56.6	35.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 56.6		µg/kg dry	56.6	52.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 56.6		µg/kg dry	56.6	23.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320008	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C53 [illegible]253-59	183572.4445.0710	Concrete	13-Aug-13 15:03	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 52.5		µg/kg dry	52.5	39.2	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1320018	X
11104-28-2	Aroclor-1221	< 52.5		µg/kg dry	52.5	47.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 52.5		µg/kg dry	52.5	33.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 52.5		µg/kg dry	52.5	31.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 52.5		µg/kg dry	52.5	27.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 52.5		µg/kg dry	52.5	43.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 52.5		µg/kg dry	52.5	32.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 52.5		µg/kg dry	52.5	48.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 52.5		µg/kg dry	52.5	21.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.4		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320008	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C54	183572.4445.0710	Concrete	13-Aug-13 15:15	19-Aug-13
SB75253-60				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.6		µg/kg dry	59.6	44.5	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1320018	X
11104-28-2	Aroclor-1221	< 59.6		µg/kg dry	59.6	53.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.6		µg/kg dry	59.6	38.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.6		µg/kg dry	59.6	35.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.6		µg/kg dry	59.6	31.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 59.6		µg/kg dry	59.6	49.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 59.6		µg/kg dry	59.6	36.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.6		µg/kg dry	59.6	55.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.6		µg/kg dry	59.6	24.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*135*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320008	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C55 [redacted]53-61	183572.4445.0710	Concrete	13-Aug-13 15:17	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.8		µg/kg dry	60.8	45.4	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1320018	X
11104-28-2	Aroclor-1221	< 60.8		µg/kg dry	60.8	54.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.8		µg/kg dry	60.8	39.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.8		µg/kg dry	60.8	36.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.8		µg/kg dry	60.8	31.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.8		µg/kg dry	60.8	50.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.8		µg/kg dry	60.8	37.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.8		µg/kg dry	60.8	56.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.8		µg/kg dry	60.8	25.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	98.7		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320008	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C56	183572.4445.0710	Concrete	13-Aug-13 15:19	19-Aug-13
SB75253-62				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.4		µg/kg dry	57.4	42.9	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1320018	X
11104-28-2	Aroclor-1221	< 57.4		µg/kg dry	57.4	51.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.4		µg/kg dry	57.4	36.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.4		µg/kg dry	57.4	34.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.4		µg/kg dry	57.4	29.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 57.4		µg/kg dry	57.4	47.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.4		µg/kg dry	57.4	35.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 57.4		µg/kg dry	57.4	53.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.4		µg/kg dry	57.4	23.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320008	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C57 [redacted]253-63	183572.4445.0710	Concrete	13-Aug-13 15:21	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.8		µg/kg dry	66.8	49.9	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1320018	X
11104-28-2	Aroclor-1221	< 66.8		µg/kg dry	66.8	60.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.8		µg/kg dry	66.8	42.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.8		µg/kg dry	66.8	40.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.8		µg/kg dry	66.8	34.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 66.8		µg/kg dry	66.8	55.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.8		µg/kg dry	66.8	41.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.8		µg/kg dry	66.8	62.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.8		µg/kg dry	66.8	27.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320008	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C58	183572.4445.0710	Concrete	13-Aug-13 15:23	19-Aug-13
SB75253-64				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 54.4		µg/kg dry	54.4	40.6	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1320018	X
11104-28-2	Aroclor-1221	< 54.4		µg/kg dry	54.4	49.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 54.4		µg/kg dry	54.4	34.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 54.4		µg/kg dry	54.4	32.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 54.4		µg/kg dry	54.4	28.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 54.4		µg/kg dry	54.4	45.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 54.4		µg/kg dry	54.4	33.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 54.4		µg/kg dry	54.4	50.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 54.4		µg/kg dry	54.4	22.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320008	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C59 S[illegible]53-65	183572.4445.0710	Concrete	13-Aug-13 15:25	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 55.0		µg/kg dry	55.0	41.1	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1320018	X
11104-28-2	Aroclor-1221	< 55.0		µg/kg dry	55.0	49.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 55.0		µg/kg dry	55.0	35.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 55.0		µg/kg dry	55.0	33.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 55.0		µg/kg dry	55.0	28.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 55.0		µg/kg dry	55.0	45.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 55.0		µg/kg dry	55.0	34.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 55.0		µg/kg dry	55.0	51.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 55.0		µg/kg dry	55.0	22.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320008	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C60	183572.4445.0710	Concrete	13-Aug-13 15:27	19-Aug-13
SB75253-66				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 52.9		µg/kg dry	52.9	39.5	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1320018	X
11104-28-2	Aroclor-1221	< 52.9		µg/kg dry	52.9	47.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 52.9		µg/kg dry	52.9	33.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 52.9		µg/kg dry	52.9	31.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 52.9		µg/kg dry	52.9	27.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 52.9		µg/kg dry	52.9	44.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 52.9		µg/kg dry	52.9	32.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 52.9		µg/kg dry	52.9	49.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 52.9		µg/kg dry	52.9	21.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320008	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C61 [redacted]253-67	183572.4445.0710	Concrete	13-Aug-13 15:29	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.6		µg/kg dry	65.6	49.0	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1320018	X
11104-28-2	Aroclor-1221	< 65.6		µg/kg dry	65.6	59.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.6		µg/kg dry	65.6	42.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.6		µg/kg dry	65.6	39.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.6		µg/kg dry	65.6	34.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 65.6		µg/kg dry	65.6	54.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.6		µg/kg dry	65.6	40.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.6		µg/kg dry	65.6	61.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.6		µg/kg dry	65.6	27.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.5		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320008	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C62	183572.4445.0710	Concrete	13-Aug-13 15:31	19-Aug-13
SB75253-68				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.9		µg/kg dry	64.9	48.5	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1320018	X
11104-28-2	Aroclor-1221	< 64.9		µg/kg dry	64.9	58.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.9		µg/kg dry	64.9	41.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.9		µg/kg dry	64.9	39.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.9		µg/kg dry	64.9	33.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.9		µg/kg dry	64.9	54.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.9		µg/kg dry	64.9	40.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.9		µg/kg dry	64.9	60.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.9		µg/kg dry	64.9	26.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320008	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-A1 [redacted]53-69	183572.4445.0710	Asphalt	13-Aug-13 12:04	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.4		µg/kg dry	60.4	45.1	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1320018	X
11104-28-2	Aroclor-1221	< 60.4		µg/kg dry	60.4	54.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.4		µg/kg dry	60.4	38.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.4		µg/kg dry	60.4	36.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.4		µg/kg dry	60.4	31.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	196		µg/kg dry	60.4	35.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.4		µg/kg dry	60.4	37.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.4		µg/kg dry	60.4	56.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.4		µg/kg dry	60.4	24.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	99.8		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320008	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-A2	183572.4445.0710	Asphalt	13-Aug-13 13:16	19-Aug-13
SB75253-70				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 53.3		µg/kg dry	53.3	39.8	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1320018	X
11104-28-2	Aroclor-1221	< 53.3		µg/kg dry	53.3	48.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 53.3		µg/kg dry	53.3	34.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 53.3		µg/kg dry	53.3	32.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 53.3		µg/kg dry	53.3	27.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	152		µg/kg dry	53.3	31.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 53.3		µg/kg dry	53.3	33.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 53.3		µg/kg dry	53.3	49.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 53.3		µg/kg dry	53.3	22.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320008	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-A3 [redacted]253-71	183572.4445.0710	Asphalt	12-Aug-13 13:15	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 53.0		µg/kg dry	53.0	39.6	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1320018	X
11104-28-2	Aroclor-1221	< 53.0		µg/kg dry	53.0	47.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 53.0		µg/kg dry	53.0	34.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 53.0		µg/kg dry	53.0	31.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 53.0		µg/kg dry	53.0	27.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	148		µg/kg dry	53.0	31.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 53.0		µg/kg dry	53.0	32.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 53.0		µg/kg dry	53.0	49.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 53.0		µg/kg dry	53.0	21.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320008	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-A4	183572.4445.0710	Asphalt	12-Aug-13 13:20	19-Aug-13
SB75253-72				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 55.6		µg/kg dry	55.6	41.5	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1320018	X
11104-28-2	Aroclor-1221	< 55.6		µg/kg dry	55.6	50.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 55.6		µg/kg dry	55.6	35.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 55.6		µg/kg dry	55.6	33.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 55.6		µg/kg dry	55.6	28.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	247		µg/kg dry	55.6	32.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 55.6		µg/kg dry	55.6	34.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 55.6		µg/kg dry	55.6	51.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 55.6		µg/kg dry	55.6	22.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320008	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-A5 253-73	183572.4445.0710	Asphalt	12-Aug-13 13:24	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.1		µg/kg dry	59.1	44.1	1	SW846 8082A	20-Aug-13	23-Aug-13	BLM	1320018	X
11104-28-2	Aroclor-1221	< 59.1		µg/kg dry	59.1	53.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.1		µg/kg dry	59.1	37.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.1		µg/kg dry	59.1	35.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.1		µg/kg dry	59.1	30.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	372		µg/kg dry	59.1	34.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 59.1		µg/kg dry	59.1	36.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.1		µg/kg dry	59.1	55.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.1		µg/kg dry	59.1	24.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320008	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1B-A6	183572.4445.0710	Asphalt	12-Aug-13 14:07	19-Aug-13
SB75253-74				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.0		µg/kg dry	65.0	48.6	1	SW846 8082A	20-Aug-13	22-Aug-13	IMR	1320022	X
11104-28-2	Aroclor-1221	< 65.0		µg/kg dry	65.0	58.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.0		µg/kg dry	65.0	41.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.0		µg/kg dry	65.0	39.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.0		µg/kg dry	65.0	33.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	224		µg/kg dry	65.0	38.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.0		µg/kg dry	65.0	40.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.0		µg/kg dry	65.0	60.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.0		µg/kg dry	65.0	26.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320008	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-A7 S[illegible]53-75	183572.4445.0710	Asphalt	12-Aug-13 14:10	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 54.0		µg/kg dry	54.0	40.3	1	SW846 8082A	20-Aug-13	22-Aug-13	IMR	1320022	X
11104-28-2	Aroclor-1221	< 54.0		µg/kg dry	54.0	48.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 54.0		µg/kg dry	54.0	34.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 54.0		µg/kg dry	54.0	32.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 54.0		µg/kg dry	54.0	28.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	208		µg/kg dry	54.0	45.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 54.0		µg/kg dry	54.0	33.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 54.0		µg/kg dry	54.0	50.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 54.0		µg/kg dry	54.0	22.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320009	

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* Reportable Detection Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-A8	183572.4445.0710	Asphalt	12-Aug-13 14:13	19-Aug-13
SB75253-76				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 50.2		µg/kg dry	50.2	37.5	1	SW846 8082A	20-Aug-13	22-Aug-13	IMR	1320022	X
11104-28-2	Aroclor-1221	< 50.2		µg/kg dry	50.2	45.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 50.2		µg/kg dry	50.2	32.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 50.2		µg/kg dry	50.2	30.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 50.2		µg/kg dry	50.2	26.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	158		µg/kg dry	50.2	41.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 50.2		µg/kg dry	50.2	31.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 50.2		µg/kg dry	50.2	46.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 50.2		µg/kg dry	50.2	20.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320009	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-A9 S[redacted]53-77	183572.4445.0710	Asphalt	12-Aug-13 14:18	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.1		µg/kg dry	63.1	47.2	1	SW846 8082A	20-Aug-13	22-Aug-13	IMR	1320022	X
11104-28-2	Aroclor-1221	< 63.1		µg/kg dry	63.1	56.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.1		µg/kg dry	63.1	40.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.1		µg/kg dry	63.1	38.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.1		µg/kg dry	63.1	32.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	129		µg/kg dry	63.1	52.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.1		µg/kg dry	63.1	39.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.1		µg/kg dry	63.1	58.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.1		µg/kg dry	63.1	26.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	99.8		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320009	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-A10	183572.4445.0710	Asphalt	12-Aug-13 14:21	19-Aug-13
SB75253-78				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 56.1		µg/kg dry	56.1	41.9	1	SW846 8082A	20-Aug-13	22-Aug-13	IMR	1320022	X
11104-28-2	Aroclor-1221	< 56.1		µg/kg dry	56.1	50.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 56.1		µg/kg dry	56.1	36.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 56.1		µg/kg dry	56.1	33.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 56.1		µg/kg dry	56.1	29.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	61.7		µg/kg dry	56.1	46.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 56.1		µg/kg dry	56.1	34.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 56.1		µg/kg dry	56.1	52.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 56.1		µg/kg dry	56.1	23.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320009	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-A11 [redacted]53-79	183572.4445.0710	Asphalt	12-Aug-13 14:24	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1120	D	µg/kg dry	1120	840	20	SW846 8082A	20-Aug-13	23-Aug-13	IMR	1320022	X
11104-28-2	Aroclor-1221	< 1120	D	µg/kg dry	1120	1010	20	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1120	D	µg/kg dry	1120	722	20	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1120	D	µg/kg dry	1120	676	20	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1120	D	µg/kg dry	1120	585	20	"	"	"	"	"	X
11097-69-1	Aroclor-1254	91,900	D	µg/kg dry	1120	937	20	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1120	D	µg/kg dry	1120	697	20	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1120	D	µg/kg dry	1120	1050	20	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1120	D	µg/kg dry	1120	464	20	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	99.2		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320009	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-A12	183572.4445.0710	Asphalt	13-Aug-13 09:44	19-Aug-13
SB75253-80				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.8		µg/kg dry	63.8	47.7	1	SW846 8082A	20-Aug-13	22-Aug-13	IMR	1320022	X
11104-28-2	Aroclor-1221	< 63.8		µg/kg dry	63.8	57.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.8		µg/kg dry	63.8	41.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.8		µg/kg dry	63.8	38.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.8		µg/kg dry	63.8	33.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	70.2		µg/kg dry	63.8	53.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.8		µg/kg dry	63.8	39.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.8		µg/kg dry	63.8	59.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.8		µg/kg dry	63.8	26.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320009	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-A13	183572.4445.0710	Asphalt	13-Aug-13 09:46	19-Aug-13
[illegible]253-81				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 56.5		µg/kg dry	56.5	42.2	1	SW846 8082A	20-Aug-13	22-Aug-13	IMR	1320022	X
11104-28-2	Aroclor-1221	< 56.5		µg/kg dry	56.5	50.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 56.5		µg/kg dry	56.5	36.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 56.5		µg/kg dry	56.5	34.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 56.5		µg/kg dry	56.5	29.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	84.8		µg/kg dry	56.5	47.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 56.5		µg/kg dry	56.5	35.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 56.5		µg/kg dry	56.5	52.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 56.5		µg/kg dry	56.5	23.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320009	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-A14	183572.4445.0710	Asphalt	13-Aug-13 09:48	19-Aug-13
SB75253-82				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 53.3		µg/kg dry	53.3	39.8	1	SW846 8082A	20-Aug-13	22-Aug-13	IMR	1320022	X
11104-28-2	Aroclor-1221	< 53.3		µg/kg dry	53.3	48.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 53.3		µg/kg dry	53.3	34.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 53.3		µg/kg dry	53.3	32.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 53.3		µg/kg dry	53.3	27.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 53.3		µg/kg dry	53.3	44.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 53.3		µg/kg dry	53.3	33.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 53.3		µg/kg dry	53.3	49.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 53.3		µg/kg dry	53.3	22.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320009	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-A15 [redacted]53-83	183572.4445.0710	Asphalt	13-Aug-13 09:50	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.7		µg/kg dry	61.7	46.1	1	SW846 8082A	20-Aug-13	22-Aug-13	IMR	1320022	X
11104-28-2	Aroclor-1221	< 61.7		µg/kg dry	61.7	55.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.7		µg/kg dry	61.7	39.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.7		µg/kg dry	61.7	37.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.7		µg/kg dry	61.7	32.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 61.7		µg/kg dry	61.7	51.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.7		µg/kg dry	61.7	38.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.7		µg/kg dry	61.7	57.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.7		µg/kg dry	61.7	25.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	99.4		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320009	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-A16	183572.4445.0710	Asphalt	13-Aug-13 09:52	19-Aug-13
SB75253-84				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.7		µg/kg dry	61.7	46.1	1	SW846 8082A	20-Aug-13	22-Aug-13	IMR	1320022	X
11104-28-2	Aroclor-1221	< 61.7		µg/kg dry	61.7	55.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.7		µg/kg dry	61.7	39.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.7		µg/kg dry	61.7	37.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.7		µg/kg dry	61.7	32.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	67.9		µg/kg dry	61.7	51.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.7		µg/kg dry	61.7	38.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.7		µg/kg dry	61.7	57.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.7		µg/kg dry	61.7	25.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.0		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320009	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-A17 SB75253-85	183572.4445.0710	Asphalt	13-Aug-13 09:54	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.5		µg/kg dry	62.5	46.7	1	SW846 8082A	20-Aug-13	22-Aug-13	IMR	1320022	X
11104-28-2	Aroclor-1221	< 62.5		µg/kg dry	62.5	56.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.5		µg/kg dry	62.5	40.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.5		µg/kg dry	62.5	37.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.5		µg/kg dry	62.5	32.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	75.0		µg/kg dry	62.5	36.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.5		µg/kg dry	62.5	38.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.5		µg/kg dry	62.5	58.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.5		µg/kg dry	62.5	25.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	93.9		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320009	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-A18				
SB75253-86	183572.4445.0710	Asphalt	13-Aug-13 09:56	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 58.1		µg/kg dry	58.1	43.4	1	SW846 8082A	20-Aug-13	22-Aug-13	IMR	1320022	X
11104-28-2	Aroclor-1221	< 58.1		µg/kg dry	58.1	52.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 58.1		µg/kg dry	58.1	37.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 58.1		µg/kg dry	58.1	34.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 58.1		µg/kg dry	58.1	30.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	90.0		µg/kg dry	58.1	48.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 58.1		µg/kg dry	58.1	36.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 58.1		µg/kg dry	58.1	54.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 58.1		µg/kg dry	58.1	24.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320009	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-A19 [redacted]253-87	183572.4445.0710	Asphalt	13-Aug-13 09:58	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 54.2		µg/kg dry	54.2	40.5	1	SW846 8082A	20-Aug-13	22-Aug-13	IMR	1320022	X
11104-28-2	Aroclor-1221	< 54.2		µg/kg dry	54.2	48.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 54.2		µg/kg dry	54.2	34.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 54.2		µg/kg dry	54.2	32.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 54.2		µg/kg dry	54.2	28.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 54.2		µg/kg dry	54.2	45.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 54.2		µg/kg dry	54.2	33.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 54.2		µg/kg dry	54.2	50.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 54.2		µg/kg dry	54.2	22.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320009	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-A20	183572.4445.0710	Asphalt	13-Aug-13 10:00	19-Aug-13
SB75253-88				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.6		µg/kg dry	59.6	44.5	1	SW846 8082A	20-Aug-13	22-Aug-13	IMR	1320022	X
11104-28-2	Aroclor-1221	< 59.6		µg/kg dry	59.6	53.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.6		µg/kg dry	59.6	38.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.6		µg/kg dry	59.6	35.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.6		µg/kg dry	59.6	31.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	59.6		µg/kg dry	59.6	34.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 59.6		µg/kg dry	59.6	37.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.6		µg/kg dry	59.6	55.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.6		µg/kg dry	59.6	24.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320009	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-A21	183572.4445.0710	Asphalt	13-Aug-13 10:02	19-Aug-13
[redacted]253-89				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 53.3		µg/kg dry	53.3	39.8	1	SW846 8082A	20-Aug-13	22-Aug-13	IMR	1320022	X
11104-28-2	Aroclor-1221	< 53.3		µg/kg dry	53.3	48.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 53.3		µg/kg dry	53.3	34.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 53.3		µg/kg dry	53.3	32.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 53.3		µg/kg dry	53.3	27.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	< 53.3		µg/kg dry	53.3	31.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 53.3		µg/kg dry	53.3	33.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 53.3		µg/kg dry	53.3	49.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 53.3		µg/kg dry	53.3	22.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*30*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*30*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*30*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*30*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320009	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C4B-Br1-0"	183572.4445.0710	Brick	13-Aug-13 14:52	19-Aug-13
SB75253-90				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 55.7		µg/kg dry	55.7	41.6	1	SW846 8082A	20-Aug-13	22-Aug-13	IMR	1320022	X
11104-28-2	Aroclor-1221	< 55.7		µg/kg dry	55.7	50.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 55.7		µg/kg dry	55.7	35.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 55.7		µg/kg dry	55.7	33.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 55.7		µg/kg dry	55.7	28.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	9,120		µg/kg dry	55.7	32.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 55.7		µg/kg dry	55.7	34.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 55.7		µg/kg dry	55.7	51.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 55.7		µg/kg dry	55.7	23.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320009	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C4B-Br1-3"	183572.4445.0710	Brick	13-Aug-13 14:48	19-Aug-13
253-91				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.0		µg/kg dry	59.0	44.1	1	SW846 8082A	20-Aug-13	22-Aug-13	IMR	1320022	X
11104-28-2	Aroclor-1221	< 59.0		µg/kg dry	59.0	53.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.0		µg/kg dry	59.0	37.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.0		µg/kg dry	59.0	35.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.0		µg/kg dry	59.0	30.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	10,700		µg/kg dry	59.0	34.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 59.0		µg/kg dry	59.0	36.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.0		µg/kg dry	59.0	55.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.0		µg/kg dry	59.0	24.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320009	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-CM1-0"	183572.4445.0710	Concrete	13-Aug-13 11:11	19-Aug-13
SB75253-92				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1110	D	µg/kg dry	1110	832	20	SW846 8082A	20-Aug-13	23-Aug-13	IMR	1320022	X
11104-28-2	Aroclor-1221	< 1110	D	µg/kg dry	1110	1000	20	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1110	D	µg/kg dry	1110	715	20	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1110	D	µg/kg dry	1110	670	20	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1110	D	µg/kg dry	1110	579	20	"	"	"	"	"	X
11097-69-1	Aroclor-1254	92,300	D	µg/kg dry	1110	928	20	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1110	D	µg/kg dry	1110	691	20	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1110	D	µg/kg dry	1110	1040	20	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1110	D	µg/kg dry	1110	459	20	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320009	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-CM1-3"	183572.4445.0710	Concrete	13-Aug-13 11:09	19-Aug-13
SB75253-93				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.2		µg/kg dry	60.2	45.0	1	SW846 8082A	20-Aug-13	22-Aug-13	IMR	1320022	X
11104-28-2	Aroclor-1221	< 60.2		µg/kg dry	60.2	54.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.2		µg/kg dry	60.2	38.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.2		µg/kg dry	60.2	36.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.2		µg/kg dry	60.2	31.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	2,660		µg/kg dry	60.2	35.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.2		µg/kg dry	60.2	37.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.2		µg/kg dry	60.2	56.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.2		µg/kg dry	60.2	24.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320009	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-CM2-0" SB75253-94	183572.4445.0710	Concrete	13-Aug-13 11:12	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 2810	D	µg/kg dry	2810	2100	50	SW846 8082A	20-Aug-13	22-Aug-13	IMR	1320023	X
11104-28-2	Aroclor-1221	< 2810	D	µg/kg dry	2810	2530	50	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 2810	D	µg/kg dry	2810	1800	50	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 2810	D	µg/kg dry	2810	1690	50	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 2810	D	µg/kg dry	2810	1460	50	"	"	"	"	"	X
11097-69-1	Aroclor-1254	155,000	D	µg/kg dry	2810	2340	50	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 2810	D	µg/kg dry	2810	1740	50	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 2810	D	µg/kg dry	2810	2610	50	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 2810	D	µg/kg dry	2810	1160	50	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320009	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-CM2-3"	183572.4445.0710	Concrete	13-Aug-13 11:10	19-Aug-13
[illegible]253-95				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 51.4		µg/kg dry	51.4	38.4	1	SW846 8082A	20-Aug-13	21-Aug-13	IMR	1320023	X
11104-28-2	Aroclor-1221	< 51.4		µg/kg dry	51.4	46.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 51.4		µg/kg dry	51.4	33.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 51.4		µg/kg dry	51.4	30.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 51.4		µg/kg dry	51.4	26.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	3,790		µg/kg dry	51.4	42.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 51.4		µg/kg dry	51.4	31.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 51.4		µg/kg dry	51.4	47.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 51.4		µg/kg dry	51.4	21.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320010	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1B-C2-C01-0"	183572.4445.0710	Concrete	12-Aug-13 10:52	19-Aug-13
SB75253-96				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.0		µg/kg dry	57.0	42.6	1	SW846 8082A	20-Aug-13	21-Aug-13	IMR	1320023	X
11104-28-2	Aroclor-1221	< 57.0		µg/kg dry	57.0	51.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.0		µg/kg dry	57.0	36.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.0		µg/kg dry	57.0	34.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.0		µg/kg dry	57.0	29.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	214		µg/kg dry	57.0	47.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.0		µg/kg dry	57.0	35.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 57.0		µg/kg dry	57.0	53.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.0		µg/kg dry	57.0	23.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320010	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C01-3"	183572.4445.0710	Concrete	12-Aug-13 10:48	19-Aug-13
[redacted]253-97				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 58.2		µg/kg dry	58.2	43.5	1	SW846 8082A	20-Aug-13	21-Aug-13	IMR	1320023	X
11104-28-2	Aroclor-1221	< 58.2		µg/kg dry	58.2	52.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 58.2		µg/kg dry	58.2	37.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 58.2		µg/kg dry	58.2	35.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 58.2		µg/kg dry	58.2	30.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	69.9		µg/kg dry	58.2	48.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 58.2		µg/kg dry	58.2	36.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 58.2		µg/kg dry	58.2	54.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 58.2		µg/kg dry	58.2	24.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*130*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320010	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C02-0"	183572.4445.0710	Concrete	12-Aug-13 11:28	19-Aug-13
SB75253-98				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 50.2		µg/kg dry	50.2	37.5	1	SW846 8082A	20-Aug-13	21-Aug-13	IMR	1320023	X
11104-28-2	Aroclor-1221	< 50.2		µg/kg dry	50.2	45.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 50.2		µg/kg dry	50.2	32.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 50.2		µg/kg dry	50.2	30.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 50.2		µg/kg dry	50.2	26.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	6,710		µg/kg dry	50.2	29.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 50.2		µg/kg dry	50.2	31.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 50.2		µg/kg dry	50.2	46.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 50.2		µg/kg dry	50.2	20.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	100		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320010	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C02-3"	183572.4445.0710	Concrete	12-Aug-13 11:24	19-Aug-13
S[illegible]253-99				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 58.1		µg/kg dry	58.1	43.4	1	SW846 8082A	20-Aug-13	21-Aug-13	IMR	1320023	X
11104-28-2	Aroclor-1221	< 58.1		µg/kg dry	58.1	52.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 58.1		µg/kg dry	58.1	37.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 58.1		µg/kg dry	58.1	35.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 58.1		µg/kg dry	58.1	30.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	421		µg/kg dry	58.1	48.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 58.1		µg/kg dry	58.1	36.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 58.1		µg/kg dry	58.1	54.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 58.1		µg/kg dry	58.1	24.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	100		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320010	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C03-0"	183572.4445.0710	Concrete	12-Aug-13 13:47	19-Aug-13
SB75258-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.4		µg/kg dry	60.4	45.1	1	SW846 8082A	20-Aug-13	21-Aug-13	IMR	1320023	X
11104-28-2	Aroclor-1221	< 60.4		µg/kg dry	60.4	54.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.4		µg/kg dry	60.4	38.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.4		µg/kg dry	60.4	36.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.4		µg/kg dry	60.4	31.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	1,560		µg/kg dry	60.4	35.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.4		µg/kg dry	60.4	37.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.4		µg/kg dry	60.4	56.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.4		µg/kg dry	60.4	24.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320010	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C03-3"	183572.4445.0710	Concrete	12-Aug-13 13:43	19-Aug-13
[redacted]58-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.9		µg/kg dry	65.9	49.2	1	SW846 8082A	20-Aug-13	21-Aug-13	IMR	1320023	X
11104-28-2	Aroclor-1221	< 65.9		µg/kg dry	65.9	59.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.9		µg/kg dry	65.9	42.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.9		µg/kg dry	65.9	39.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.9		µg/kg dry	65.9	34.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	362		µg/kg dry	65.9	54.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.9		µg/kg dry	65.9	40.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.9		µg/kg dry	65.9	61.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.9		µg/kg dry	65.9	27.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320010	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C04-0"	183572.4445.0710	Concrete	12-Aug-13 15:12	19-Aug-13
SB75258-03				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Ce*
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 56.2		µg/kg dry	56.2	42.0	1	SW846 8082A	20-Aug-13	21-Aug-13	IMR	1320023	X
11104-28-2	Aroclor-1221	< 56.2		µg/kg dry	56.2	50.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 56.2		µg/kg dry	56.2	36.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 56.2		µg/kg dry	56.2	33.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 56.2		µg/kg dry	56.2	29.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 56.2		µg/kg dry	56.2	46.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 56.2		µg/kg dry	56.2	34.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 56.2		µg/kg dry	56.2	52.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 56.2		µg/kg dry	56.2	23.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320010	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C04-3"	183572.4445.0710	Concrete	12-Aug-13 15:08	19-Aug-13
[redacted]58-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.3		µg/kg dry	66.3	49.5	1	SW846 8082A	20-Aug-13	21-Aug-13	IMR	1320023	X
11104-28-2	Aroclor-1221	< 66.3		µg/kg dry	66.3	59.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.3		µg/kg dry	66.3	42.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.3		µg/kg dry	66.3	39.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.3		µg/kg dry	66.3	34.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 66.3		µg/kg dry	66.3	55.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.3		µg/kg dry	66.3	41.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.3		µg/kg dry	66.3	61.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.3		µg/kg dry	66.3	27.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	99.0		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320010	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C05-0"	183572.4445.0710	Concrete	13-Aug-13 09:26	19-Aug-13
SB75258-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 565	D	µg/kg dry	565	422	10	SW846 8082A	20-Aug-13	22-Aug-13	IMR	1320023	X
11104-28-2	Aroclor-1221	< 565	D	µg/kg dry	565	509	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 565	D	µg/kg dry	565	363	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 565	D	µg/kg dry	565	340	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 565	D	µg/kg dry	565	294	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	25,800	D	µg/kg dry	565	471	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 565	D	µg/kg dry	565	351	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 565	D	µg/kg dry	565	527	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 565	D	µg/kg dry	565	233	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320010	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C05-3"	183572.4445.0710	Concrete	13-Aug-13 09:19	19-Aug-13
[illegible]258-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.3		µg/kg dry	61.3	45.8	1	SW846 8082A	20-Aug-13	21-Aug-13	IMR	1320023	X
11104-28-2	Aroclor-1221	< 61.3		µg/kg dry	61.3	55.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.3		µg/kg dry	61.3	39.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.3		µg/kg dry	61.3	36.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.3		µg/kg dry	61.3	31.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	1,970		µg/kg dry	61.3	35.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.3		µg/kg dry	61.3	38.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.3		µg/kg dry	61.3	57.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.3		µg/kg dry	61.3	25.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320010	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C06-0" SB75258-07	183572.4445.0710	Concrete	13-Aug-13 10:09	19-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.2		µg/kg dry	57.2	42.7	1	SW846 8082A	20-Aug-13	21-Aug-13	IMR	1320023	X
11104-28-2	Aroclor-1221	< 57.2		µg/kg dry	57.2	51.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.2		µg/kg dry	57.2	36.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.2		µg/kg dry	57.2	34.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.2		µg/kg dry	57.2	29.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	692		µg/kg dry	57.2	47.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.2		µg/kg dry	57.2	35.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 57.2		µg/kg dry	57.2	53.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.2		µg/kg dry	57.2	23.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320010	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C06-3"	183572.4445.0710	Concrete	13-Aug-13 10:04	19-Aug-13
[redacted]258-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 53.1		µg/kg dry	53.1	39.6	1	SW846 8082A	20-Aug-13	22-Aug-13	IMR	1320023	X
11104-28-2	Aroclor-1221	< 53.1		µg/kg dry	53.1	47.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 53.1		µg/kg dry	53.1	34.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 53.1		µg/kg dry	53.1	31.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 53.1		µg/kg dry	53.1	27.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	188		µg/kg dry	53.1	31.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 53.1		µg/kg dry	53.1	32.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 53.1		µg/kg dry	53.1	49.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 53.1		µg/kg dry	53.1	21.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	20-Aug-13	20-Aug-13	DT	1320010	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C05-6"	183572.4445.0710	Concrete	13-Aug-13 09:12	19-Aug-13
SB75258-17				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 58.8		µg/kg dry	58.8	44.0	1	SW846 8082A	26-Aug-13	27-Aug-13	IMR	1320496	X
11104-28-2	Aroclor-1221	< 58.8		µg/kg dry	58.8	53.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 58.8		µg/kg dry	58.8	37.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 58.8		µg/kg dry	58.8	35.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 58.8		µg/kg dry	58.8	30.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	221		µg/kg dry	58.8	49.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 58.8		µg/kg dry	58.8	36.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 58.8		µg/kg dry	58.8	54.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 58.8		µg/kg dry	58.8	24.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	27-Aug-13	27-Aug-13	DT	1320588	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C05-12"	183572.4445.0710	Concrete	13-Aug-13 09:07	19-Aug-13
SB75258-18				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.7		µg/kg dry	60.7	45.3	1	SW846 8082A	26-Aug-13	27-Aug-13	IMR	1320496	X
11104-28-2	Aroclor-1221	< 60.7		µg/kg dry	60.7	54.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.7		µg/kg dry	60.7	39.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.7		µg/kg dry	60.7	36.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.7		µg/kg dry	60.7	31.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	191		µg/kg dry	60.7	50.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.7		µg/kg dry	60.7	37.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.7		µg/kg dry	60.7	56.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.7		µg/kg dry	60.7	25.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	27-Aug-13	27-Aug-13	DT	1320588	

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C4B-Br1-6"	183572.4445.0710	Brick	13-Aug-13 14:44	19-Aug-13
SB75258-21				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.6		µg/kg dry	62.6	46.8	1	SW846 8082A	26-Aug-13	27-Aug-13	IMR	1320496	X
11104-28-2	Aroclor-1221	< 62.6		µg/kg dry	62.6	56.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.6		µg/kg dry	62.6	40.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.6		µg/kg dry	62.6	37.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.6		µg/kg dry	62.6	32.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	2,160		µg/kg dry	62.6	52.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.6		µg/kg dry	62.6	38.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.6		µg/kg dry	62.6	58.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.6		µg/kg dry	62.6	25.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*135*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	27-Aug-13	27-Aug-13	DT	1320588	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C4B-Br1-12"	183572.4445.0710	Brick	13-Aug-13 14:40	19-Aug-13
SB75258-22				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.8		µg/kg dry	63.8	47.7	1	SW846 8082A	27-Aug-13	28-Aug-13	IMR	1320632	X
11104-28-2	Aroclor-1221	< 63.8		µg/kg dry	63.8	57.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.8		µg/kg dry	63.8	41.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.8		µg/kg dry	63.8	38.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.8		µg/kg dry	63.8	33.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**1,150**		µg/kg dry	63.8	53.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.8		µg/kg dry	63.8	39.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.8		µg/kg dry	63.8	59.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.8		µg/kg dry	63.8	26.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**99.5**		%			1	SM2540 G Mod.	27-Aug-13	27-Aug-13	DT	1320588	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-CM1-6"	183572.4445.0710	Concrete	13-Aug-13 11:07	19-Aug-13
SB75258-23				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 67.1		µg/kg dry	67.1	50.1	1	SW846 8082A	27-Aug-13	28-Aug-13	IMR	1320632	X
11104-28-2	Aroclor-1221	< 67.1		µg/kg dry	67.1	60.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 67.1		µg/kg dry	67.1	43.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 67.1		µg/kg dry	67.1	40.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 67.1		µg/kg dry	67.1	34.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,420		µg/kg dry	67.1	55.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 87.1		µg/kg dry	67.1	41.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 67.1		µg/kg dry	67.1	62.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 67.1		µg/kg dry	67.1	27.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*140*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	94.9		%			1	SM2540 G Mod.	27-Aug-13	27-Aug-13	DT	1320588	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-CM1-12"	183572.4445.0710	Concrete	13-Aug-13 11:05	19-Aug-13
[illegible]5258-24				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.8		µg/kg dry	61.8	46.2	1	SW846 8082A	27-Aug-13	28-Aug-13	IMR	1320632	X
11104-28-2	Aroclor-1221	< 61.8		µg/kg dry	61.8	55.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.8		µg/kg dry	61.8	39.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.8		µg/kg dry	61.8	37.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.8		µg/kg dry	61.8	32.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	377		µg/kg dry	61.8	51.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.8		µg/kg dry	61.8	38.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.8		µg/kg dry	61.8	57.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.8		µg/kg dry	61.8	25.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	27-Aug-13	27-Aug-13	DT	1320588	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-CM2-6"	183572.4445.0710	Concrete	13-Aug-13 11:08	19-Aug-13
SB75258-25				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 54.8		µg/kg dry	54.8	41.0	1	SW846 8082A	27-Aug-13	28-Aug-13	IMR	1320632	X
11104-28-2	Aroclor-1221	< 54.8		µg/kg dry	54.8	49.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 54.8		µg/kg dry	54.8	35.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 54.8		µg/kg dry	54.8	33.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 54.8		µg/kg dry	54.8	28.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,400		µg/kg dry	54.8	45.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 54.8		µg/kg dry	54.8	34.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 54.8		µg/kg dry	54.8	51.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 54.8		µg/kg dry	54.8	22.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	27-Aug-13	27-Aug-13	DT	1320588	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-CM2-12"	183572.4445.0710	Concrete	13-Aug-13 11:06	19-Aug-13
[redacted]258-26				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 71.3		µg/kg dry	71.3	53.3	1	SW846 8082A	27-Aug-13	29-Aug-13	IMR	1320632	X
11104-28-2	Aroclor-1221	< 71.3		µg/kg dry	71.3	64.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 71.3		µg/kg dry	71.3	45.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 71.3		µg/kg dry	71.3	42.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 71.3		µg/kg dry	71.3	37.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	339		µg/kg dry	71.3	41.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 71.3		µg/kg dry	71.3	44.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 71.3		µg/kg dry	71.3	66.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 71.3		µg/kg dry	71.3	29.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	70.1		%			1	SM2540 G Mod.	27-Aug-13	27-Aug-13	DT	1320588	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1319935 - SW846 3540C										
Blank (1319935-BLK1)						Prepared: 19-Aug-13 Analyzed: 20-Aug-13				
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
LCS (1319935-BS1)						Prepared: 19-Aug-13 Analyzed: 20-Aug-13				
Aroclor-1016	**239**		µg/kg wet	20.0	250		96	40-140		
Aroclor-1016 [2C]	**241**		µg/kg wet	20.0	250		96	40-140		
Aroclor-1260	**216**		µg/kg wet	20.0	250		86	40-140		
Aroclor-1260 [2C]	**223**		µg/kg wet	20.0	250		89	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*25.0*		µg/kg wet		*20.0*		*125*	*30-200*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*23.0*		µg/kg wet		*20.0*		*115*	*30-200*		
LCS Dup (1319935-BSD1)						Prepared: 19-Aug-13 Analyzed: 20-Aug-13				
Aroclor-1016	**236**		µg/kg wet	20.0	250		94	40-140	1	30
Aroclor-1016 [2C]	**238**		µg/kg wet	20.0	250		95	40-140	1	30
Aroclor-1260	**212**		µg/kg wet	20.0	250		85	40-140	2	30
Aroclor-1260 [2C]	**223**		µg/kg wet	20.0	250		89	40-140	0	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*24.0*		µg/kg wet		*20.0*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*24.0*		µg/kg wet		*20.0*		*120*	*30-150*		
Batch 1319944 - SW846 3540C										
Blank (1319944-BLK1)						Prepared: 19-Aug-13 Analyzed: 22-Aug-13				
Aroclor-1016	< 66.7		µg/kg wet	66.7						
Aroclor-1016 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1221	< 66.7		µg/kg wet	66.7						
Aroclor-1221 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1232	< 66.7		µg/kg wet	66.7						
Aroclor-1232 [2C]	< 66.7		µg/kg wet	66.7						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1319944 - SW846 3540C										
Blank (1319944-BLK1)					Prepared: 19-Aug-13 Analyzed: 22-Aug-13					
Aroclor-1242	< 66.7		µg/kg wet	66.7						
Aroclor-1242 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1248	< 66.7		µg/kg wet	66.7						
Aroclor-1248 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1254	< 66.7		µg/kg wet	66.7						
Aroclor-1254 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1260	< 66.7		µg/kg wet	66.7						
Aroclor-1260 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1262	< 66.7		µg/kg wet	66.7						
Aroclor-1262 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1268	< 66.7		µg/kg wet	66.7						
Aroclor-1268 [2C]	< 66.7		µg/kg wet	66.7						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*36.7*		µg/kg wet		*66.7*		*55*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*36.7*		µg/kg wet		*66.7*		*55*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*46.7*		µg/kg wet		*66.7*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*40.0*		µg/kg wet		*66.7*		*60*	*30-150*		
LCS (1319944-BS1)					Prepared: 19-Aug-13 Analyzed: 22-Aug-13					
Aroclor-1016	**677**		µg/kg wet	66.7	833		81	40-140		
Aroclor-1016 [2C]	**683**		µg/kg wet	66.7	833		82	40-140		
Aroclor-1260	**617**		µg/kg wet	66.7	833		74	40-140		
Aroclor-1260 [2C]	**670**		µg/kg wet	66.7	833		80	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*56.7*		µg/kg wet		*66.7*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*66.7*		µg/kg wet		*66.7*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*83.3*		µg/kg wet		*66.7*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*73.3*		µg/kg wet		*66.7*		*110*	*30-150*		
LCS Dup (1319944-BSD1)					Prepared: 19-Aug-13 Analyzed: 22-Aug-13					
Aroclor-1016	**727**		µg/kg wet	66.7	833		87	40-140	7	30
Aroclor-1016 [2C]	**723**		µg/kg wet	66.7	833		87	40-140	6	30
Aroclor-1260	**637**		µg/kg wet	66.7	833		76	40-140	3	30
Aroclor-1260 [2C]	**723**		µg/kg wet	66.7	833		87	40-140	8	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*70.0*		µg/kg wet		*66.7*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*86.7*		µg/kg wet		*66.7*		*130*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*80.0*		µg/kg wet		*66.7*		*120*	*30-150*		
Duplicate (1319944-DUP1)			**Source: SB75253-35**		Prepared: 19-Aug-13 Analyzed: 22-Aug-13					
Aroclor-1016	< 57.1		µg/kg dry	57.1		BRL				30
Aroclor-1016 [2C]	< 57.1		µg/kg dry	57.1		BRL				30
Aroclor-1221	< 57.1		µg/kg dry	57.1		BRL				30
Aroclor-1221 [2C]	< 57.1		µg/kg dry	57.1		BRL				30
Aroclor-1232	< 57.1		µg/kg dry	57.1		BRL				30
Aroclor-1232 [2C]	< 57.1		µg/kg dry	57.1		BRL				30
Aroclor-1242	< 57.1		µg/kg dry	57.1		BRL				30
Aroclor-1242 [2C]	< 57.1		µg/kg dry	57.1		BRL				30
Aroclor-1248	< 57.1		µg/kg dry	57.1		BRL				30
Aroclor-1248 [2C]	< 57.1		µg/kg dry	57.1		BRL				30
Aroclor-1254	< 57.1		µg/kg dry	57.1		BRL				30
Aroclor-1254 [2C]	< 57.1		µg/kg dry	57.1		BRL				30
Aroclor-1260	< 57.1		µg/kg dry	57.1		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1319944 - SW846 3540C										
Duplicate (1319944-DUP1)			Source: SB75253-35		Prepared: 19-Aug-13 Analyzed: 22-Aug-13					
Aroclor-1260 [2C]	< 57.1		µg/kg dry	57.1		BRL				30
Aroclor-1262	< 57.1		µg/kg dry	57.1		BRL				30
Aroclor-1262 [2C]	< 57.1		µg/kg dry	57.1		BRL				30
Aroclor-1268	< 57.1		µg/kg dry	57.1		BRL				30
Aroclor-1268 [2C]	< 57.1		µg/kg dry	57.1		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*28.5*		µg/kg dry		*57.1*		*50*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*28.5*		µg/kg dry		*57.1*		*50*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*31.4*		µg/kg dry		*57.1*		*55*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*25.7*		µg/kg dry		*57.1*		*45*	*30-150*		
Matrix Spike (1319944-MS1)			Source: SB75253-35		Prepared: 19-Aug-13 Analyzed: 22-Aug-13					
Aroclor-1016	**532**		µg/kg dry	62.2	777	BRL	68	40-140		
Aroclor-1016 [2C]	**454**		µg/kg dry	62.2	777	BRL	58	40-140		
Aroclor-1260	**473**		µg/kg dry	62.2	777	BRL	61	40-140		
Aroclor-1260 [2C]	**438**		µg/kg dry	62.2	777	BRL	56	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*43.5*		µg/kg dry		*62.2*		*70*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*40.4*		µg/kg dry		*62.2*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*40.4*		µg/kg dry		*62.2*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*31.1*		µg/kg dry		*62.2*		*50*	*30-150*		
Matrix Spike Dup (1319944-MSD1)			Source: SB75253-35		Prepared: 19-Aug-13 Analyzed: 22-Aug-13					
Aroclor-1016	**539**		µg/kg dry	65.0	812	BRL	66	40-140	3	30
Aroclor-1016 [2C]	**435**		µg/kg dry	65.0	812	BRL	54	40-140	9	30
Aroclor-1260	**491**		µg/kg dry	65.0	812	BRL	60	40-140	0.7	30
Aroclor-1260 [2C]	**465**		µg/kg dry	65.0	812	BRL	57	40-140	1	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*39.0*		µg/kg dry		*65.0*		*60*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*39.0*		µg/kg dry		*65.0*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*39.0*		µg/kg dry		*65.0*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*32.5*		µg/kg dry		*65.0*		*50*	*30-150*		
Batch 1319949 - SW846 3540C										
Blank (1319949-BLK1)					Prepared: 20-Aug-13 Analyzed: 22-Aug-13					
Aroclor-1016	< 66.7		µg/kg wet	66.7						
Aroclor-1016 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1221	< 66.7		µg/kg wet	66.7						
Aroclor-1221 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1232	< 66.7		µg/kg wet	66.7						
Aroclor-1232 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1242	< 66.7		µg/kg wet	66.7						
Aroclor-1242 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1248	< 66.7		µg/kg wet	66.7						
Aroclor-1248 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1254	< 66.7		µg/kg wet	66.7						
Aroclor-1254 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1260	< 66.7		µg/kg wet	66.7						
Aroclor-1260 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1262	< 66.7		µg/kg wet	66.7						
Aroclor-1262 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1268	< 66.7		µg/kg wet	66.7						
Aroclor-1268 [2C]	< 66.7		µg/kg wet	66.7						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*70.0*		µg/kg wet		*66.7*		*105*	*30-150*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1319949 - SW846 3540C										
Blank (1319949-BLK1)					Prepared: 20-Aug-13 Analyzed: 22-Aug-13					
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*66.7*		µg/kg wet		*66.7*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*96.7*		µg/kg wet		*66.7*		*145*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*73.3*		µg/kg wet		*66.7*		*110*	*30-150*		
LCS (1319949-BS1)					Prepared: 20-Aug-13 Analyzed: 22-Aug-13					
Aroclor-1016	**783**		µg/kg wet	66.7	833		94	40-140		
Aroclor-1016 [2C]	**710**		µg/kg wet	66.7	833		85	40-140		
Aroclor-1260	**733**		µg/kg wet	66.7	833		88	40-140		
Aroclor-1260 [2C]	**720**		µg/kg wet	66.7	833		86	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*73.3*		µg/kg wet		*66.7*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*66.7*		µg/kg wet		*66.7*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*100*		µg/kg wet		*66.7*		*150*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*76.7*		µg/kg wet		*66.7*		*115*	*30-150*		
LCS Dup (1319949-BSD1)					Prepared: 20-Aug-13 Analyzed: 22-Aug-13					
Aroclor-1016	**777**		µg/kg wet	66.7	833		93	40-140	0.9	30
Aroclor-1016 [2C]	**677**		µg/kg wet	66.7	833		81	40-140	5	30
Aroclor-1260	**777**		µg/kg wet	66.7	833		93	40-140	6	30
Aroclor-1260 [2C]	**717**		µg/kg wet	66.7	833		86	40-140	0.5	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*70.0*		µg/kg wet		*66.7*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*66.7*		µg/kg wet		*66.7*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*100*		µg/kg wet		*66.7*		*150*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*80.0*		µg/kg wet		*66.7*		*120*	*30-150*		
Duplicate (1319949-DUP1)			**Source: SB75253-55**		Prepared: 20-Aug-13 Analyzed: 22-Aug-13					
Aroclor-1016	< 64.9		µg/kg dry	64.9		BRL				30
Aroclor-1016 [2C]	< 64.9		µg/kg dry	64.9		BRL				30
Aroclor-1221	< 64.9		µg/kg dry	64.9		BRL				30
Aroclor-1221 [2C]	< 64.9		µg/kg dry	64.9		BRL				30
Aroclor-1232	< 64.9		µg/kg dry	64.9		BRL				30
Aroclor-1232 [2C]	< 64.9		µg/kg dry	64.9		BRL				30
Aroclor-1242	< 64.9		µg/kg dry	64.9		BRL				30
Aroclor-1242 [2C]	< 64.9		µg/kg dry	64.9		BRL				30
Aroclor-1248	< 64.9		µg/kg dry	64.9		BRL				30
Aroclor-1248 [2C]	< 64.9		µg/kg dry	64.9		BRL				30
Aroclor-1254	< 64.9		µg/kg dry	64.9		BRL				30
Aroclor-1254 [2C]	< 64.9		µg/kg dry	64.9		BRL				30
Aroclor-1260	< 64.9		µg/kg dry	64.9		BRL				30
Aroclor-1260 [2C]	< 64.9		µg/kg dry	64.9		BRL				30
Aroclor-1262	< 64.9		µg/kg dry	64.9		BRL				30
Aroclor-1262 [2C]	< 64.9		µg/kg dry	64.9		BRL				30
Aroclor-1268	< 64.9		µg/kg dry	64.9		BRL				30
Aroclor-1268 [2C]	< 64.9		µg/kg dry	64.9		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*45.4*		µg/kg dry		*64.9*		*70*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*42.2*		µg/kg dry		*64.9*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*64.9*		µg/kg dry		*64.9*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*51.9*		µg/kg dry		*64.9*		*80*	*30-150*		
Matrix Spike (1319949-MS1)			**Source: SB75253-55**		Prepared: 20-Aug-13 Analyzed: 22-Aug-13					
Aroclor-1016	**522**		µg/kg dry	60.0	750	BRL	70	40-140		
Aroclor-1016 [2C]	**492**		µg/kg dry	60.0	750	BRL	66	40-140		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1319949 - SW846 3540C										
Matrix Spike (1319949-MS1)			Source: SB75253-55		Prepared: 20-Aug-13 Analyzed: 22-Aug-13					
Aroclor-1260	**600**		µg/kg dry	60.0	750	BRL	80	40-140		
Aroclor-1260 [2C]	**492**		µg/kg dry	60.0	750	BRL	66	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*42.0*		µg/kg dry		*60.0*		*70*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*42.0*		µg/kg dry		*60.0*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*72.0*		µg/kg dry		*60.0*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*54.0*		µg/kg dry		*60.0*		*90*	*30-150*		
Matrix Spike Dup (1319949-MSD1)			Source: SB75253-55		Prepared: 20-Aug-13 Analyzed: 22-Aug-13					
Aroclor-1016	**533**		µg/kg dry	64.3	803	BRL	66	40-140	5	30
Aroclor-1016 [2C]	**537**		µg/kg dry	64.3	803	BRL	67	40-140	2	30
Aroclor-1260	**569**		µg/kg dry	64.3	803	BRL	71	40-140	12	30
Aroclor-1260 [2C]	**514**		µg/kg dry	64.3	803	BRL	64	40-140	2	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*48.2*		µg/kg dry		*64.3*		*75*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*48.2*		µg/kg dry		*64.3*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*67.5*		µg/kg dry		*64.3*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*54.6*		µg/kg dry		*64.3*		*85*	*30-150*		
Batch 1320018 - SW846 3540C										
Blank (1320018-BLK1)					Prepared: 20-Aug-13 Analyzed: 23-Aug-13					
Aroclor-1016	< 66.7		µg/kg wet	66.7						
Aroclor-1016 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1221	< 66.7		µg/kg wet	66.7						
Aroclor-1221 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1232	< 66.7		µg/kg wet	66.7						
Aroclor-1232 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1242	< 66.7		µg/kg wet	66.7						
Aroclor-1242 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1248	< 66.7		µg/kg wet	66.7						
Aroclor-1248 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1254	< 66.7		µg/kg wet	66.7						
Aroclor-1254 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1260	< 66.7		µg/kg wet	66.7						
Aroclor-1260 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1262	< 66.7		µg/kg wet	66.7						
Aroclor-1262 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1268	< 66.7		µg/kg wet	66.7						
Aroclor-1268 [2C]	< 66.7		µg/kg wet	66.7						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*70.0*		µg/kg wet		*66.7*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*66.7*		µg/kg wet		*66.7*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*93.3*		µg/kg wet		*66.7*		*140*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*76.7*		µg/kg wet		*66.7*		*115*	*30-150*		
LCS (1320018-BS1)					Prepared: 20-Aug-13 Analyzed: 23-Aug-13					
Aroclor-1016	**810**		µg/kg wet	66.7	833		97	40-140		
Aroclor-1016 [2C]	**713**		µg/kg wet	66.7	833		86	40-140		
Aroclor-1260	**793**		µg/kg wet	66.7	833		95	40-140		
Aroclor-1260 [2C]	**750**		µg/kg wet	66.7	833		90	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*73.3*		µg/kg wet		*66.7*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*70.0*		µg/kg wet		*66.7*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*80.0*		µg/kg wet		*66.7*		*120*	*30-150*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1320018 - SW846 3540C										
LCS (1320018-BS1)					Prepared: 20-Aug-13 Analyzed: 23-Aug-13					
Surrogate: Decachlorobiphenyl (Sr) [2C]	*63.3*		µg/kg wet		*66.7*		*95*	*30-150*		
LCS Dup (1320018-BSD1)					Prepared: 20-Aug-13 Analyzed: 23-Aug-13					
Aroclor-1016	**793**		µg/kg wet	66.7	833		95	40-140	2	30
Aroclor-1016 [2C]	**700**		µg/kg wet	66.7	833		84	40-140	2	30
Aroclor-1260	**747**		µg/kg wet	66.7	833		90	40-140	6	30
Aroclor-1260 [2C]	**757**		µg/kg wet	66.7	833		91	40-140	0.9	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*73.3*		µg/kg wet		*66.7*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*70.0*		µg/kg wet		*66.7*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*80.0*		µg/kg wet		*66.7*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*63.3*		µg/kg wet		*66.7*		*95*	*30-150*		
Duplicate (1320018-DUP1)			**Source: SB75253-59**		Prepared: 20-Aug-13 Analyzed: 23-Aug-13					
Aroclor-1016	< 51.8		µg/kg dry	51.8		BRL				30
Aroclor-1016 [2C]	< 51.8		µg/kg dry	51.8		BRL				30
Aroclor-1221	< 51.8		µg/kg dry	51.8		BRL				30
Aroclor-1221 [2C]	< 51.8		µg/kg dry	51.8		BRL				30
Aroclor-1232	< 51.8		µg/kg dry	51.8		BRL				30
Aroclor-1232 [2C]	< 51.8		µg/kg dry	51.8		BRL				30
Aroclor-1242	< 51.8		µg/kg dry	51.8		BRL				30
Aroclor-1242 [2C]	< 51.8		µg/kg dry	51.8		BRL				30
Aroclor-1248	< 51.8		µg/kg dry	51.8		BRL				30
Aroclor-1248 [2C]	< 51.8		µg/kg dry	51.8		BRL				30
Aroclor-1254	< 51.8		µg/kg dry	51.8		BRL				30
Aroclor-1254 [2C]	< 51.8		µg/kg dry	51.8		BRL				30
Aroclor-1260	< 51.8		µg/kg dry	51.8		BRL				30
Aroclor-1260 [2C]	< 51.8		µg/kg dry	51.8		BRL				30
Aroclor-1262	< 51.8		µg/kg dry	51.8		BRL				30
Aroclor-1262 [2C]	< 51.8		µg/kg dry	51.8		BRL				30
Aroclor-1268	< 51.8		µg/kg dry	51.8		BRL				30
Aroclor-1268 [2C]	< 51.8		µg/kg dry	51.8		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*38.9*		µg/kg dry		*51.8*		*75*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*36.3*		µg/kg dry		*51.8*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*64.8*		µg/kg dry		*51.8*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*46.7*		µg/kg dry		*51.8*		*90*	*30-150*		
Matrix Spike (1320018-MS1)			**Source: SB75253-59**		Prepared: 20-Aug-13 Analyzed: 23-Aug-13					
Aroclor-1016	**415**		µg/kg dry	60.5	757	BRL	55	40-140		
Aroclor-1016 [2C]	**381**		µg/kg dry	60.5	757	BRL	50	40-140		
Aroclor-1260	**469**		µg/kg dry	60.5	757	BRL	62	40-140		
Aroclor-1260 [2C]	**436**		µg/kg dry	60.5	757	BRL	58	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*39.4*		µg/kg dry		*60.5*		*65*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*39.4*		µg/kg dry		*60.5*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*63.6*		µg/kg dry		*60.5*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*54.5*		µg/kg dry		*60.5*		*90*	*30-150*		
Matrix Spike Dup (1320018-MSD1)			**Source: SB75253-59**		Prepared: 20-Aug-13 Analyzed: 23-Aug-13					
Aroclor-1016	**424**		µg/kg dry	55.7	697	BRL	61	40-140	10	30
Aroclor-1016 [2C]	**354**		µg/kg dry	55.7	697	BRL	51	40-140	0.8	30
Aroclor-1260	**574**		µg/kg dry	55.7	697	BRL	82	40-140	28	30
Aroclor-1260 [2C]	**440**		µg/kg dry	55.7	697	BRL	63	40-140	9	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*33.4*		µg/kg dry		*55.7*		*60*	*30-150*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1320018 - SW846 3540C										
Matrix Spike Dup (1320018-MSD1)			Source: SB75263-59		Prepared: 20-Aug-13 Analyzed: 23-Aug-13					
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*30.7*		µg/kg dry		*55.7*		*55*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*66.9*		µg/kg dry		*55.7*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*50.2*		µg/kg dry		*55.7*		*90*	*30-150*		
Batch 1320022 - SW846 3540C										
Blank (1320022-BLK1)					Prepared: 20-Aug-13 Analyzed: 22-Aug-13					
Aroclor-1016	< 66.7		µg/kg wet	66.7						
Aroclor-1016 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1221	< 66.7		µg/kg wet	66.7						
Aroclor-1221 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1232	< 66.7		µg/kg wet	66.7						
Aroclor-1232 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1242	< 66.7		µg/kg wet	66.7						
Aroclor-1242 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1248	< 66.7		µg/kg wet	66.7						
Aroclor-1248 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1254	< 66.7		µg/kg wet	66.7						
Aroclor-1254 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1260	< 66.7		µg/kg wet	66.7						
Aroclor-1260 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1262	< 66.7		µg/kg wet	66.7						
Aroclor-1262 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1268	< 66.7		µg/kg wet	66.7						
Aroclor-1268 [2C]	< 66.7		µg/kg wet	66.7						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*56.7*		µg/kg wet		*66.7*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*50.0*		µg/kg wet		*66.7*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
LCS (1320022-BS1)					Prepared: 20-Aug-13 Analyzed: 22-Aug-13					
Aroclor-1016	**760**		µg/kg wet	66.7	833		91	40-140		
Aroclor-1016 [2C]	**777**		µg/kg wet	66.7	833		93	40-140		
Aroclor-1260	**647**		µg/kg wet	66.7	833		78	40-140		
Aroclor-1260 [2C]	**707**		µg/kg wet	66.7	833		85	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*70.0*		µg/kg wet		*66.7*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*73.3*		µg/kg wet		*66.7*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*70.0*		µg/kg wet		*66.7*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*73.3*		µg/kg wet		*66.7*		*110*	*30-150*		
LCS Dup (1320022-BSD1)					Prepared: 20-Aug-13 Analyzed: 22-Aug-13					
Aroclor-1016	**803**		µg/kg wet	66.7	833		96	40-140	6	30
Aroclor-1016 [2C]	**840**		µg/kg wet	66.7	833		101	40-140	8	30
Aroclor-1260	**663**		µg/kg wet	66.7	833		80	40-140	3	30
Aroclor-1260 [2C]	**800**		µg/kg wet	66.7	833		96	40-140	12	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*70.0*		µg/kg wet		*66.7*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*73.3*		µg/kg wet		*66.7*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*76.7*		µg/kg wet		*66.7*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*80.0*		µg/kg wet		*66.7*		*120*	*30-150*		
Duplicate (1320022-DUP1)			Source: SB75263-93		Prepared: 20-Aug-13 Analyzed: 22-Aug-13					
Aroclor-1016	< 57.2		µg/kg dry	57.2		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1320022 - SW846 3540C										
Duplicate (1320022-DUP1)			Source: SB75253-93		Prepared: 20-Aug-13 Analyzed: 22-Aug-13					
Aroclor-1016 [2C]	< 57.2		µg/kg dry	57.2		BRL				30
Aroclor-1221	< 57.2		µg/kg dry	57.2		BRL				30
Aroclor-1221 [2C]	< 57.2		µg/kg dry	57.2		BRL				30
Aroclor-1232	< 57.2		µg/kg dry	57.2		BRL				30
Aroclor-1232 [2C]	< 57.2		µg/kg dry	57.2		BRL				30
Aroclor-1242	< 57.2		µg/kg dry	57.2		BRL				30
Aroclor-1242 [2C]	< 57.2		µg/kg dry	57.2		BRL				30
Aroclor-1248	< 57.2		µg/kg dry	57.2		BRL				30
Aroclor-1248 [2C]	< 57.2		µg/kg dry	57.2		BRL				30
Aroclor-1254	**2640**		µg/kg dry	57.2		2510			5	30
Aroclor-1254 [2C]	**2530**		µg/kg dry	57.2		2660			5	30
Aroclor-1260	< 57.2		µg/kg dry	57.2		BRL				30
Aroclor-1260 [2C]	< 57.2		µg/kg dry	57.2		BRL				30
Aroclor-1262	< 57.2		µg/kg dry	57.2		BRL				30
Aroclor-1262 [2C]	< 57.2		µg/kg dry	57.2		BRL				30
Aroclor-1268	< 57.2		µg/kg dry	57.2		BRL				30
Aroclor-1268 [2C]	< 57.2		µg/kg dry	57.2		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*51.5*		µg/kg dry		*57.2*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*57.2*		µg/kg dry		*57.2*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*82.9*		µg/kg dry		*57.2*		*145*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*82.9*		µg/kg dry		*57.2*		*145*	*30-150*		
Matrix Spike (1320022-MS1)			Source: SB75253-93		Prepared: 20-Aug-13 Analyzed: 22-Aug-13					
Aroclor-1016	**609**		µg/kg dry	60.0	750	BRL	81	40-140		
Aroclor-1016 [2C]	**579**		µg/kg dry	60.0	750	BRL	77	40-140		
Aroclor-1260	**597**		µg/kg dry	60.0	750	BRL	80	40-140		
Aroclor-1260 [2C]	**636**		µg/kg dry	60.0	750	BRL	85	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*51.0*		µg/kg dry		*60.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*51.0*		µg/kg dry		*60.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*83.9*		µg/kg dry		*60.0*		*140*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*72.0*		µg/kg dry		*60.0*		*120*	*30-150*		
Matrix Spike Dup (1320022-MSD1)			Source: SB75253-93		Prepared: 20-Aug-13 Analyzed: 22-Aug-13					
Aroclor-1016	**618**		µg/kg dry	59.7	746	BRL	83	40-140	2	30
Aroclor-1016 [2C]	**603**		µg/kg dry	59.7	746	BRL	81	40-140	5	30
Aroclor-1260	**618**		µg/kg dry	59.7	746	BRL	83	40-140	4	30
Aroclor-1260 [2C]	**618**		µg/kg dry	59.7	746	BRL	83	40-140	2	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*50.7*		µg/kg dry		*59.7*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*47.7*		µg/kg dry		*59.7*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*77.6*		µg/kg dry		*59.7*		*130*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*74.6*		µg/kg dry		*59.7*		*125*	*30-150*		
Batch 1320023 - SW846 3540C										
Blank (1320023-BLK1)					Prepared: 20-Aug-13 Analyzed: 21-Aug-13					
Aroclor-1016	< 66.7		µg/kg wet	66.7						
Aroclor-1016 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1221	< 66.7		µg/kg wet	66.7						
Aroclor-1221 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1232	< 66.7		µg/kg wet	66.7						
Aroclor-1232 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1242	< 66.7		µg/kg wet	66.7						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1320023 - SW846 3540C										
Blank (1320023-BLK1)					Prepared: 20-Aug-13 Analyzed: 21-Aug-13					
Aroclor-1242 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1248	< 66.7		µg/kg wet	66.7						
Aroclor-1248 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1254	< 66.7		µg/kg wet	66.7						
Aroclor-1254 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1260	< 66.7		µg/kg wet	66.7						
Aroclor-1260 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1262	< 66.7		µg/kg wet	66.7						
Aroclor-1262 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1268	< 66.7		µg/kg wet	66.7						
Aroclor-1268 [2C]	< 66.7		µg/kg wet	66.7						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*66.7*		µg/kg wet		*66.7*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*96.7*		µg/kg wet		*66.7*		*145*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*93.3*		µg/kg wet		*66.7*		*140*	*30-150*		
LCS (1320023-BS1)					Prepared: 20-Aug-13 Analyzed: 21-Aug-13					
Aroclor-1016	**750**		µg/kg wet	66.7	833		90	40-140		
Aroclor-1016 [2C]	**703**		µg/kg wet	66.7	833		84	40-140		
Aroclor-1260	**700**		µg/kg wet	66.7	833		84	40-140		
Aroclor-1260 [2C]	**660**		µg/kg wet	66.7	833		79	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*66.7*		µg/kg wet		*66.7*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*63.3*		µg/kg wet		*66.7*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*100*		µg/kg wet		*66.7*		*150*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*96.7*		µg/kg wet		*66.7*		*145*	*30-150*		
LCS Dup (1320023-BSD1)					Prepared: 20-Aug-13 Analyzed: 21-Aug-13					
Aroclor-1016	**750**		µg/kg wet	66.7	833		90	40-140	0	30
Aroclor-1016 [2C]	**710**		µg/kg wet	66.7	833		85	40-140	0.9	30
Aroclor-1260	**673**		µg/kg wet	66.7	833		81	40-140	4	30
Aroclor-1260 [2C]	**667**		µg/kg wet	66.7	833		80	40-140	1	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*63.3*		µg/kg wet		*66.7*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*63.3*		µg/kg wet		*66.7*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*100*		µg/kg wet		*66.7*		*150*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*96.7*		µg/kg wet		*66.7*		*145*	*30-150*		
Duplicate (1320023-DUP1)			**Source: SB75253-98**		Prepared: 20-Aug-13 Analyzed: 21-Aug-13					
Aroclor-1016	< 53.3		µg/kg dry	53.3		BRL				30
Aroclor-1016 [2C]	< 53.3		µg/kg dry	53.3		BRL				30
Aroclor-1221	< 53.3		µg/kg dry	53.3		BRL				30
Aroclor-1221 [2C]	< 53.3		µg/kg dry	53.3		BRL				30
Aroclor-1232	< 53.3		µg/kg dry	53.3		BRL				30
Aroclor-1232 [2C]	< 53.3		µg/kg dry	53.3		BRL				30
Aroclor-1242	< 53.3		µg/kg dry	53.3		BRL				30
Aroclor-1242 [2C]	< 53.3		µg/kg dry	53.3		BRL				30
Aroclor-1248	< 53.3		µg/kg dry	53.3		BRL				30
Aroclor-1248 [2C]	< 53.3		µg/kg dry	53.3		BRL				30
Aroclor-1254	**6310**		µg/kg dry	53.3		6530			3	30
Aroclor-1254 [2C]	**6760**		µg/kg dry	53.3		6710			0.8	30
Aroclor-1260	< 53.3		µg/kg dry	53.3		BRL				30
Aroclor-1260 [2C]	< 53.3		µg/kg dry	53.3		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1320023 - SW846 3540C										
Duplicate (1320023-DUP1)			**Source: SB75253-98**		Prepared: 20-Aug-13 Analyzed: 21-Aug-13					
Aroclor-1262	< 53.3		µg/kg dry	53.3		BRL				30
Aroclor-1262 [2C]	< 53.3		µg/kg dry	53.3		BRL				30
Aroclor-1268	< 53.3		µg/kg dry	53.3		BRL				30
Aroclor-1268 [2C]	< 53.3		µg/kg dry	53.3		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*40.0*		µg/kg dry		*53.3*		*75*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*45.3*		µg/kg dry		*53.3*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*64.0*		µg/kg dry		*53.3*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*66.6*		µg/kg dry		*53.3*		*125*	*30-150*		
Matrix Spike (1320023-MS1)			**Source: SB75253-98**		Prepared: 20-Aug-13 Analyzed: 21-Aug-13					
Aroclor-1016	**597**		µg/kg dry	60.6	757	BRL	79	40-140		
Aroclor-1016 [2C]	**606**		µg/kg dry	60.6	757	BRL	80	40-140		
Aroclor-1260	**970**		µg/kg dry	60.6	757	BRL	128	40-140		
Aroclor-1260 [2C]	**964**		µg/kg dry	60.6	757	BRL	127	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*51.5*		µg/kg dry		*60.6*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*54.5*		µg/kg dry		*60.6*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*78.8*		µg/kg dry		*60.6*		*130*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*78.8*		µg/kg dry		*60.6*		*130*	*30-150*		
Matrix Spike Dup (1320023-MSD1)			**Source: SB75253-98**		Prepared: 20-Aug-13 Analyzed: 21-Aug-13					
Aroclor-1016	**432**		µg/kg dry	55.4	693	BRL	62	40-140	23	30
Aroclor-1016 [2C]	**443**		µg/kg dry	55.4	693	BRL	64	40-140	22	30
Aroclor-1260	**856**		µg/kg dry	55.4	693	BRL	124	40-140	3	30
Aroclor-1260 [2C]	**884**		µg/kg dry	55.4	693	BRL	128	40-140	0.3	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*36.0*		µg/kg dry		*55.4*		*65*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*38.8*		µg/kg dry		*55.4*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*58.2*		µg/kg dry		*55.4*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*58.2*		µg/kg dry		*55.4*		*105*	*30-150*		
Batch 1320496 - SW846 3540C										
Blank (1320496-BLK1)					Prepared: 26-Aug-13 Analyzed: 27-Aug-13					
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1320496 - SW846 3540C										
Blank (1320496-BLK1)						Prepared: 26-Aug-13 Analyzed: 27-Aug-13				
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*26.0*		µg/kg wet		*20.0*		*130*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*28.0*		µg/kg wet		*20.0*		*140*	*30-150*		
LCS (1320496-BS1)						Prepared: 26-Aug-13 Analyzed: 27-Aug-13				
Aroclor-1016	**213**		µg/kg wet	20.0	250		85	40-140		
Aroclor-1016 [2C]	**211**		µg/kg wet	20.0	250		84	40-140		
Aroclor-1260	**195**		µg/kg wet	20.0	250		78	40-140		
Aroclor-1260 [2C]	**198**		µg/kg wet	20.0	250		79	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*27.0*		µg/kg wet		*20.0*		*135*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*25.0*		µg/kg wet		*20.0*		*125*	*30-150*		
LCS Dup (1320496-BSD1)						Prepared: 26-Aug-13 Analyzed: 27-Aug-13				
Aroclor-1016	**214**		µg/kg wet	20.0	250		86	40-140	0.5	30
Aroclor-1016 [2C]	**206**		µg/kg wet	20.0	250		82	40-140	2	30
Aroclor-1260	**197**		µg/kg wet	20.0	250		79	40-140	1	30
Aroclor-1260 [2C]	**194**		µg/kg wet	20.0	250		78	40-140	2	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*26.0*		µg/kg wet		*20.0*		*130*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*24.0*		µg/kg wet		*20.0*		*120*	*30-150*		
Batch 1320632 - SW846 3540C										
Blank (1320632-BLK1)						Prepared: 27-Aug-13 Analyzed: 28-Aug-13				
Aroclor-1016	< 66.7		µg/kg wet	66.7						
Aroclor-1016 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1221	< 66.7		µg/kg wet	66.7						
Aroclor-1221 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1232	< 66.7		µg/kg wet	66.7						
Aroclor-1232 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1242	< 66.7		µg/kg wet	66.7						
Aroclor-1242 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1248	< 66.7		µg/kg wet	66.7						
Aroclor-1248 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1254	< 66.7		µg/kg wet	66.7						
Aroclor-1254 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1260	< 66.7		µg/kg wet	66.7						
Aroclor-1260 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1262	< 66.7		µg/kg wet	66.7						
Aroclor-1262 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1268	< 66.7		µg/kg wet	66.7						
Aroclor-1268 [2C]	< 66.7		µg/kg wet	66.7						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*76.7*		µg/kg wet		*66.7*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*70.0*		µg/kg wet		*66.7*		*105*	*30-150*		
LCS (1320632-BS1)						Prepared: 27-Aug-13 Analyzed: 28-Aug-13				
Aroclor-1016	**737**		µg/kg wet	66.7	833		88	40-140		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1320632 - SW846 3540C										
LCS (1320632-BS1)					Prepared: 27-Aug-13 Analyzed: 28-Aug-13					
Aroclor-1016 [2C]	**667**		µg/kg wet	66.7	833		80	40-140		
Aroclor-1260	**753**		µg/kg wet	66.7	833		90	40-140		
Aroclor-1260 [2C]	**893**		µg/kg wet	66.7	833		107	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*63.3*		µg/kg wet		*66.7*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*63.3*		µg/kg wet		*66.7*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*90.0*		µg/kg wet		*66.7*		*135*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*96.7*		µg/kg wet		*66.7*		*145*	*30-150*		
LCS Dup (1320632-BSD1)					Prepared: 27-Aug-13 Analyzed: 28-Aug-13					
Aroclor-1016	**763**		µg/kg wet	66.7	833		92	40-140	4	30
Aroclor-1016 [2C]	**667**		µg/kg wet	66.7	833		80	40-140	0	30
Aroclor-1260	**703**		µg/kg wet	66.7	833		84	40-140	7	30
Aroclor-1260 [2C]	**710**		µg/kg wet	66.7	833		85	40-140	23	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*56.7*		µg/kg wet		*66.7*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*86.7*		µg/kg wet		*66.7*		*130*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*96.7*		µg/kg wet		*66.7*		*145*	*30-150*		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1320006 - General Preparation										
Duplicate (1320006-DUP1)			Source: SB75253-15			Prepared & Analyzed: 20-Aug-13				
% Solids	99.5		%			99.2			0.3	20
Batch 1320007 - General Preparation										
Duplicate (1320007-DUP1)			Source: SB75253-35			Prepared & Analyzed: 20-Aug-13				
% Solids	97.9		%			97.8			0.09	20
Batch 1320008 - General Preparation										
Duplicate (1320008-DUP1)			Source: SB75253-55			Prepared & Analyzed: 20-Aug-13				
% Solids	98.5		%			98.4			0.08	20
Batch 1320009 - General Preparation										
Duplicate (1320009-DUP1)			Source: SB75253-75			Prepared & Analyzed: 20-Aug-13				
% Solids	99.8		%			99.9			0.07	20
Batch 1320010 - General Preparation										
Duplicate (1320010-DUP1)			Source: SB75253-95			Prepared & Analyzed: 20-Aug-13				
% Solids	99.3		%			99.4			0.09	20
Batch 1320588 - General Preparation										
Duplicate (1320588-DUP1)			Source: SB75258-17			Prepared & Analyzed: 27-Aug-13				
% Solids	99.3		%			99.5			0.2	20

Notes and Definitions

D	Data reported from a dilution
GS1	Sample dilution required for high concentration of target analytes to be within the instrument calibration range.
P	Difference between the two GC columns is greater than 40%.
S01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
Kimberly Wisk
Nicole Leja
Rebecca Merz

CT DAS Rates Apply

SB 75253 + SB 75256

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CHAIN OF CUSTODY RECORD

Page 1 of 13

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 days
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Henry Lalibarte
TRC Environmental
21 Griffin Rd. North
Windsor, CT 06095
Telephone #: 860-298-9692
Project Mgr. Henry Lalibarte

Invoice To: (same as Report)
P.O. No.: C183572 RQN:

Project No.: 183572.4445.0710
Site Name: ~~CT~~ ConnDOT-BIA-IAB
Location: Windsor Locks State: CT
Sampler(s): G. Raczynski / M. Kostrba

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Brick X2= Concrete X3=

G=Grab C=Composite

Containers: # of VOA Vials; # of Amber Glass; # of Clear Glass; # of Plastic

Analyses: 8082/3540C

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540C	State-specific reporting standards:
75253-01	IB-C3-Br1-0"	8/12/13	1207	G	X1			X		X	NW
02	IB-C3-Br2-0"	↓	1515							X	NE
03	IB-C3-Br3-0"	8/13/13	1144							X	SE
04	IB-C3-Br4-0"		1330							X	Hall 8
05	IB-C3-Br5-0"		1342							X	Baggage Claim 4
06	IB-C3-Br6-0"	↓	1403							X	TSA Hall
07	IB-C1	8/12/13	0905		X2					X	NW
08	IB-C2		0909							X	
09	IB-C3		0913							X	
10	IB-C4		0914							X	

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	8/16/13	1645	
	[signature]	8/19/13	16:30	

☐ EDD Format
☒ E-mail to HLalibarte@TRCsolutions.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

23/-1/13 IR 02

SB 75253 + SB 75258

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CHAIN OF CUSTODY RECORD

Page 2 of 13

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 days
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same

Telephone #:

Project Mgr.

Invoice To: Same

P.O. No.: C183572 RQN:

Project No.: 183572.4445.0710

Site Name: ConnDOT-8IA-IAB

Location: Windsor Locks State: CT

Sampler(s): G. Kaczynski / M. Kostek

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= concrete X2= X3=

G=Grab C=Composite

Containers: # of VOA Vials; # of Amber Glass; # of Clear Glass; # of Plastic

Analyses: 8082/3540C

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540C							State-specific reporting standards:
75253-11	TB-C5	8/12/13	0925	G	X1			X		X							NW
12	-C6		0930														
13	-C7		0932														
14	-C8		0935														
15	-C9		0940														
16	-C10		0941														
17	-C11		1020														
18	-C12		1014														
19	-C13		1022														Northeastern
20	-C14		1027														

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	Tamyak	8/13/13	1630	

☐ EDD Format
☐ E-mail to

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

2.3/1/13 IR

SB75253 + SB75258

SPECTRUM ANALYTICAL, INC.
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HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 3 of 13

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 days
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same

Telephone #:

Project Mgr.

Invoice To: Same

P.O. No.: RQN:

Project No.: 183572.4445.0210

Site Name: ConnDOT - BZA - IAB

Location: Windsor Locks State: CT

Sampler(s): G. Kaczynski / M. Kestden

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= 12=

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= X3=

G=Grab C=Composite

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV* ☐ Other

State-specific reporting standards: North-Central

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: 8021/8540C
75253-21	IB-C15	8/12/13	1032	G	X1			X		X
22	-C16		1040							
23	-C17		1043							
24	-C18		1055							
25	-C19		1100							
26	-C20		1105							
27	-C21		1140							
28	-C22		1142							
29	-C23		1148							
30	-C24		1152							

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[signature]	[signature]	8/16/13	1695	
	[signature]	8/16/13	1620	
23/1-1/13 IR02				

☐ EDD Format
☐ E-mail to

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

SB 75253 + SB 75258 BM

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CHAIN OF CUSTODY RECORD

Page 4 of 13

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same

Telephone #:

Project Mgr.

Invoice To: Same

P.O. No.: RQN:

Project No.: 183572.4445.0710

Site Name: ConnDOT-BIA-IAB

Location: Windsor Locks State: CT

Sampler(s): G. Kaczynski / M. Kostrba

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Cooler X2= X3=

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analyses: 8082/3540C

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards: North Central NE

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540C
753531	IB-C25	8/12/13	1155	G	X1			X		X
32	-C26		1157							
33	-C27		1201							
34	-C28		1350							
35	-C29		1358							
36	-C30		1404							
37	-C31		1428							
38	-C32		1432							
39	-C33		1450							
40	-C34		1455							

Relinquished by:	Received by:	Date:	Time:	Temp°C
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		8-19-13	16:20	

☐ EDD Format
☐ E-mail to

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

23/1/13 IR

SB 75253-1 SB 75258 Fry

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CHAIN OF CUSTODY RECORD

Page 5 of 13

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same

Telephone #:

Project Mgr.

Invoice To: Same

P.O. No.: C183572 RQN:

Project No.: 183572.4445.0710

Site Name: ConnDOT-BIA-IAB

Location: Windsor Locks State: CT

Sampler(s): G. Kaczynski / M. Kostik

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= 12=

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= X3=

G=Grab C=Composite

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: 8082/3540C	State-specific reporting standards:
75253-41	IB-C35	8/12/13	1518	G	X1			X		X	NE
42	-C36		1523								
43	-C37		1528								
44	-C38		1533								
45	-C39	8/13/13	0938								
46	-C40		0935								East
47	-C41		1140								
48	-C42		1146								SE
49	-C43		1150								
50	-C44		1154								

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	8/16/13	1145	
	[signature]	8/19/13	1620	

☐ EDD Format
☐ E-mail to

Condition upon receipt: / Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

23/1/13 IR02

SB75253 + SB75258 By

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 6 of ____

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 day
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- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same

Telephone #:

Project Mgr.

Invoice To: Same

P.O. No.: C183572 RQN:

Project No.: 183572.4445.0710

Site Name: Conn DOT - RIA - TAB

Location: Windsor Locks State: CT

Sampler(s): [illegible] / M. Kostek

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= ____ 12= ____

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= ____ X3= ____

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analyses: 8082/3540C

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other ____

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540C	State-specific reporting standards:
75253-51	IB-C45	8/13/13	1158	G	X1			X		X	SE
52	-C46		1202								
53	-C47		1206								
54	-C48		1210								
55	-C49		1217								South Central
56	-C50		1452								
57	-C51		1455								South West
58	-C52		1500								
59	-C53		1503								
60	-C54		1515								

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	8/16/13	1645	
[signature]	[signature]	8-19-13	16:20	

☐ EDD Format ____

☐ E-mail to ____

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

23/-1/13 IR 02

SB75253 + SB75258 By

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 7 of 13

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same

Telephone #:

Project Mgr.

Invoice To: Same

P.O. No.: C183572 RQN:

Project No.: 173572.4445.0710

Site Name: ConnDOT - BIA - IAB

Location: Windsor Locks State: CT

Sampler(s): G. Kaczynski / M Kostuba

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1=Concrete X2= Asphalt X3=

G=Grab C=Composite

Containers:

Analyses:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		8082/3540C								
75253-61	IB - C55	8/13/13	1517	G	X1			1			X								
62	- C56		1519																
63	- C57		1521																
64	- C58		1523																
65	- C59		1525																
66	- C60		1527																
67	- C61		1529																
68	- C62		1531																
69	- A1		1204		X2														
70	- A2		1316																

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

SE

North Central

Relinquished by:	Received by:	Date:	Time:	Temp°C
		8/13/13	1645	
		8-19-13	16:20	

☐ EDD Format

☐ E-mail to

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

23/-1/13 IR02

SB75253 + SB75258 Gy

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CHAIN OF CUSTODY RECORD

Page 8 of 13

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same
Telephone #:
Project Mgr.

Invoice To: Same
P.O. No.: C183572 RQN:

Project No.: 183572.4445.0710
Site Name: ConnDOT-8IA
Location: Windsor Locks State: CT
Sampler(s): G. Kaczynski / M. Kostiuk

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= X2= asphalt X3=

G=Grab C=Composite

Containers: # of VOA Vials; # of Amber Glass; # of Clear Glass; # of Plastic

Analyses: 8082/3540C

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐
QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other
State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540C	State-specific reporting standards
75253-71	IB-A3	8/12/13	1315	G	X2			1		X	North-central
72	-A4		1320								
73	-A5		1324								
74	-A6		1407								NE
75	-A7		1410								
76	-A8		1413								NE
77	-A9		1418								
78	-A10		1421								
79	-A11		1424								
80	-A12	8/13/13	0944				1				East-4' out

Relinquished by:	Received by:	Date:	Time:	Temp°C
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[signature]	[signature]	8-19-13	16:20	

☐ EDD Format
☐ E-mail to

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

2.3/-1/13 IR 02

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CHAIN OF CUSTODY RECORD

Page 9 of 13

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 days
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same

Telephone #:

Project Mgr.

Invoice To: Same

P.O. No.: C183572 RQN:

Project No.: 183572.4445.0710

Site Name: ConnDOT - BIA - IAB

Location: Windsor Locks State: CT

Sampler(s): G. Kaczynski / M. Kostka

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= X2= asphalt X3= Brick

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analyses: 8082/3540C

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses	State-specific reporting standards
75253-81	IB-A13	8/13/13	0946	G	X2		1			8082/3540C	East-4' out
82	-A14		0948								
83	-A15		0950								
84	-A16		0952					1			
85	-A17		0954				1				
86	-A18		0956								End-7' out
87	-A19		0958								
88	-A20		1000					1			
89	-A21		1002					1			
90	-CYB-Brick-0"		1452		X3			1			South central

Relinquished by:	Received by:	Date:	Time:	Temp°C
		8/13/13	1645	
		8-19-13	16:20	

☐ EDD Format
☐ E-mail to

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

2.3/-1/13 IR

SB75253 + SB75258 9

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CHAIN OF CUSTODY RECORD

Page 10 of 13

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same

Telephone #:

Project Mgr.

Invoice To: Same

P.O. No.: C183572 RQN:

Project No.: 183572.4445.0710

Site Name: ConDOT-BIA-IA8

Location: Windsor Locks State: CT

Sampler(s): G. Kaczynski / M. Kostrub

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= concrete X2= X3= Brick

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: TOC/3540							State-specific reporting standards:
75253-91	IB-C48-Bo1-3"	8/13/13	1448	G	X3			1		X							South Central
92	IB-C2-CM1-0"		1111		X1												Bag 1 - center
93	- -CM1-3"		1109														↓ ↓
94	- -CM2-0"		1112														Bag 1 - corner
95	- -CM2-3"		1110														↓ ↓
96	- -CO1-0"	8/12/13	1052														NW - Ground
97	- -CO1-3"		1048														↓ ↓
98	- -CO2-0"		1128														NW - column
99	- -CO2-3"		1124														↓ ↓
75258-01	- -CO3-0"		1347														Northcentral - column

Relinquished by:	Received by:	Date:	Time:	Temp°C
		8/13/13	1445	
		8/14/13	1630	

☐ EDD Format

☐ E-mail to

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

23/1/1.3 IR02

SB75253 + SB75258 [illegible]

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CHAIN OF CUSTODY RECORD

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same

Telephone #:

Project Mgr.

Invoice To: Same

P.O. No.: C183572 RQN:

Project No.: 183572.4445.0710

Site Name: ConnDOT-BIA-IAB

Location: Windsor Locks State: CT

Sampler(s): G. Kaczynski / M. Kostrba

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= concrete X2= X3= Brick

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analyses: 8082/3546

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3546	State-specific reporting standards:
75253-91	IB-C4B-B01-3"	8/13/13	1448	G	X3			1		X	South Central
92	IB-C2-CM1-0"		1111		X1						Bay 1 - center
93	- -CM1-3"		1109								↓ ↓
94	- -CM2-0"		1112								Bay 1 - corner
95	- -CM2-3"		1110								↓ ↓
96	- -CO1-0"	8/12/13	1052								NW - Crowd
97	- -CO1-3"		1048								↓ ↓
98	- -CO2-0"		1128								NW - column
99	- -CO2-3"		1124								↓ ↓
75258-01	- -CO3-0"		1347								North central - column

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[signature]	[signature]	8/13/13	1620	

☐ EDD Format
☐ E-mail to

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

23 / 1 / 1.3 IR02

SB 75253 + SB 75258 Dy

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CHAIN OF CUSTODY RECORD

Page 11 of 13

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: 5 day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same

Telephone #:

Project Mgr.

Invoice To: Same

P.O. No.: C183572 RQN:

Project No.: 183572.4445.0710

Site Name: ConnDOT-BLA-IAB

Location: Windsor Locks State: CT

Sampler(s): G. Kaczynski / M. Kostuba

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= concrete X2= X3=

G=Grab C=Composite

Containers: # of VOA Vials; # of Amber Glass; # of Clear Glass; # of Plastic

Analyses: VOC/8260/8540C

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☑ No☐

QA/QC Reporting Level
☑ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOC/8260/8540C	State-specific reporting standards:
75258 02	IB-CZ-C03-3"	8/12/13	1343	G	X1			1		X	North control column
03	–	-C04-0"	8/12/13								NE-ground
04	–	-C04-3"	⊥								⊥ ⊥
05	–	-C05-0"	8/13/13								NE-(column stone)
06	–	-C05-3"	⊥								⊥ ⊥ ⊥
07	–	-C06-0"									East-Ground
08	–	-C06-3"	⊥								⊥ ⊥

Relinquished by:	Received by:	Date:	Time:	Temp°C
		8/16/13	1645	
		8/19/13	1620	
2.3/.1/13	R02			

☐ EDD Format
☐ E-mail to

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☑ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Do Not analyze samples on pages 12 & 13 of COC w/o Authorization

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HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 12 of 13 SB75253 + SB75258 Pg

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 days
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same

Telephone #:

Project Mgr.

Invoice To: Same

P.O. No.: C183572 RQN:

Project No.: 183572.4445.0710

Site Name: ConDOT-BIA-IAB

Location: Windsor Locks State CT

Sampler(s): G. Kurzynski / M. Rostron

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= X3=

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analyses: 8082/3540C

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses	State-specific reporting standards
75258.09	IB-C2-C01-6"	8/12/13	1044	G	X1			1		K	NN-ground
10	IB-C2-C01-12"		1040								
11	IB-C2-C02-6"		1120								— column
12	IB-C2-C02-12"		1115								
13	IB-C2-C03-6"		1337								Northeast — column
14	IB-C2-C03-12"		1333								
15	— — C04-6"		1505								NE-ground
16	— — C04-12"		1500								
17	— — C05-6"	8/13/13	0912								NE-column (stone)
18	— — C05-12"	8/13/13	0907								

Relinquished by:	Received by:	Date:	Time:	Temp°C
		8/16/13	1645	
		8/19/13	16:20	

☐ EDD Format
☐ E-mail to

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

23/-1/13 IR 00

Do Not analyze samples on pages 12+13 w/o prior Authorization

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HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 13 of 13 SB75253 + 75258 Dry

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: (Same)
Telephone #:
Project Mgr.

Invoice To: Same
P.O. No.: 183572 RQN:

Project No.: 183572.4445.0710
Site Name: ConnDOT-BIA-IAB
Location: Windsor Locks State: CT
Sampler(s): G. Kaczynski/M. Kastka

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= X3= brick

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analyses: SVOC/8540C

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	SVOC/8540C	State-specific reporting standards:
75258-19	IB-C2-CO6-6"	8/13/13	1000	G	X1		1			X	East-Grand
20	-1-CO6-12"		0955		1		1				1 1
21	-C4-Br1-6"		1444		X3			1			South Central
22	-1-Br1-12"		1440		1			1			1
23	-C4-CM1-6"		1107		X1			1			Bay 1-center
24	-4-CM1-12"		1105								1 1
25	-4-CM2-6"		1108								Bay 1-corner
26	-4-CM2-12"		1106								1 1

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	8/16/13	1645	
	[signature]	8-19-13	16:20	

☐ EDD Format
☐ E-mail to

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

23/-1/13 IR

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Featuring
HANIBAL TECHNOLOGY

11 Almgren Drive
Agawam, MA 01001
(413) 789-9018

This preceding chain of custody has been amended to include the client requested additional analyses as noted below:

Laboratory ID	*Client ID*	*Analysis*	*Added*
SB75258-17	IB-C2-C05-6"	Polychlorinated Biphenyls	8/26/2013
SB75258-17	IB-C2-C05-6"	Solids, Percent	8/26/2013
SB75258-18	IB-C2-C05-12"	Polychlorinated Biphenyls	8/26/2013
SB75258-18	IB-C2-C05-12"	Solids, Percent	8/26/2013
SB75258-21	IB-C4B-Br1-6"	Polychlorinated Biphenyls	8/26/2013
SB75258-21	IB-C4B-Br1-6"	Solids, Percent	8/26/2013
SB75258-22	IB-C4B-Br1-12"	Polychlorinated Biphenyls	8/26/2013
SB75258-22	IB-C4B-Br1-12"	Solids, Percent	8/26/2013
SB75258-23	IB-C2-CM1-6"	Polychlorinated Biphenyls	8/26/2013
SB75258-23	IB-C2-CM1-6"	Solids, Percent	8/26/2013
SB75258-24	IB-C2-CM1-12"	Polychlorinated Biphenyls	8/26/2013
SB75258-24	IB-C2-CM1-12"	Solids, Percent	8/26/2013
SB75258-25	IB-C2-CM2-6"	Polychlorinated Biphenyls	8/26/2013
SB75258-25	IB-C2-CM2-6"	Solids, Percent	8/26/2013
SB75258-26	IB-C2-CM2-12"	Polychlorinated Biphenyls	8/26/2013
SB75258-26	IB-C2-CM2-12"	Solids, Percent	8/26/2013

Report Date:
27-Aug-13 18:07

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

#2 IAB + 30 blks

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: Bradley International Airport-Windsor Locks, CT
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB75393-01	IB-C3-C01-0"	Concrete	16-Aug-13 09:19	20-Aug-13 16:20
SB75393-02	IB-C3-C02-0"	Concrete	16-Aug-13 09:31	20-Aug-13 16:20
SB75393-03	IB-GR1	Concrete	16-Aug-13 09:42	20-Aug-13 16:20
SB75393-04	IB-GR2	Concrete	16-Aug-13 09:44	20-Aug-13 16:20
SB75393-05	IB-GR3	Concrete	16-Aug-13 09:50	20-Aug-13 16:20
SB75393-06	IB-GR4	Concrete	16-Aug-13 09:52	20-Aug-13 16:20
SB75393-07	IB-GR5	Concrete	16-Aug-13 09:59	20-Aug-13 16:20
SB75393-08	IB-GR6	Concrete	16-Aug-13 10:03	20-Aug-13 16:20
SB75393-09	IB-GR7	Concrete	16-Aug-13 10:08	20-Aug-13 16:20
SB75393-10	IB-GR8	Concrete	16-Aug-13 10:12	20-Aug-13 16:20
SB75393-11	IB-GR9	Concrete	16-Aug-13 10:15	20-Aug-13 16:20
SB75393-12	IB-GR10	Concrete	16-Aug-13 10:19	20-Aug-13 16:20
SB75393-13	IB-GR14	Concrete	16-Aug-13 10:58	20-Aug-13 16:20
SB75393-14	IB-GR13	Concrete	16-Aug-13 11:02	20-Aug-13 16:20
SB75393-15	IB-GR12	Concrete	16-Aug-13 11:05	20-Aug-13 16:20
SB75393-16	IB-GR11	Concrete	16-Aug-13 11:10	20-Aug-13 16:20
SB75393-17	IB-C3-C03-0"	Concrete	16-Aug-13 11:17	20-Aug-13 16:20
SB75393-18	IB-C2-GR1-3"	Concrete	16-Aug-13 11:36	20-Aug-13 16:20
SB75393-19	IB-C2-GR1-0"	Concrete	16-Aug-13 11:38	20-Aug-13 16:20
SB75393-20	IB-C2-GR2-3"	Concrete	16-Aug-13 12:07	20-Aug-13 16:20
SB75393-21	IB-C2-GR2-0"	Concrete	16-Aug-13 12:10	20-Aug-13 16:20
SB75393-22	IB-C2-C07-3"	Concrete	16-Aug-13 13:50	20-Aug-13 16:20
SB75393-23	IB-C2-C07-0"	Concrete	16-Aug-13 13:55	20-Aug-13 16:20
SB75393-24	IB-C2-C08-3"	Concrete	16-Aug-13 14:06	20-Aug-13 16:20
SB75393-25	IB-C2-C08-0"	Concrete	16-Aug-13 14:09	20-Aug-13 16:20
SB75393-26	IB-C2-C09-3"	Concrete	16-Aug-13 14:23	20-Aug-13 16:20
SB75393-27	IB-C2-C09-0"	Concrete	16-Aug-13 14:25	20-Aug-13 16:20
SB75393-28	IB-C2-C010-3"	Concrete	16-Aug-13 15:09	20-Aug-13 16:20
SB75393-29	IB-C2-C010-0"	Concrete	16-Aug-13 15:13	20-Aug-13 16:20
SB75393-30	IB-C2-C011-3"	Concrete	16-Aug-13 15:19	20-Aug-13 16:20
SB75393-31	IB-C2-C011-0"	Concrete	16-Aug-13 15:22	20-Aug-13 16:20
SB75393-32	IB-C2-C012-3"	Concrete	16-Aug-13 15:30	20-Aug-13 16:20
SB75393-33	IB-C2-C012-0"	Concrete	16-Aug-13 15:34	20-Aug-13 16:20
SB75393-34	Drill Bit Decon	Hexane	16-Aug-13 15:40	20-Aug-13 16:20
SB75393-35	IB-C2-C013-3"	Concrete	19-Aug-13 09:47	20-Aug-13 16:20
SB75393-36	IB-C2-C013-0"	Concrete	19-Aug-13 09:52	20-Aug-13 16:20
SB75393-37	IB-C2-Br2-3"	Concrete	19-Aug-13 10:07	20-Aug-13 16:20

SB75393-38	IB-C2-Br2-0"	Concrete	19-Aug-13 10:14	20-Aug-13 16:20
SB75393-39	IB-C2-C014-3"	Concrete	19-Aug-13 10:29	20-Aug-13 16:20
SB75393-40	IB-C2-C014-0"	Concrete	19-Aug-13 10:34	20-Aug-13 16:20
SB75393-41	IB-C2-C015-3"	Concrete	19-Aug-13 10:52	20-Aug-13 16:20
SB75393-42	IB-C2-C015-0"	Concrete	19-Aug-13 10:56	20-Aug-13 16:20
SB75393-43	IB-C2-C016-3"	Concrete	19-Aug-13 11:09	20-Aug-13 16:20
SB75393-44	IB-C2-C016-0"	Concrete	19-Aug-13 11:12	20-Aug-13 16:20
SB75393-45	IB-C2-GR1-12"	Concrete	16-Aug-13 11:30	20-Aug-13 16:20
SB75393-46	IB-C2-GR1-6"	Concrete	16-Aug-13 11:34	20-Aug-13 16:20
SB75393-47	IB-C2-GR2-12"	Concrete	16-Aug-13 12:00	20-Aug-13 16:20
SB75393-48	IB-C2-GR2-6"	Concrete	16-Aug-13 12:04	20-Aug-13 16:20
SB75393-49	IB-C2-C07-12"	Concrete	16-Aug-13 13:40	20-Aug-13 16:20
SB75393-50	IB-C2-C07-6"	Concrete	16-Aug-13 13:45	20-Aug-13 16:20
SB75393-51	IB-C2-C08-12"	Concrete	16-Aug-13 14:00	20-Aug-13 16:20
SB75393-52	IB-C2-C08-6"	Concrete	16-Aug-13 14:03	20-Aug-13 16:20
SB75393-53	IB-C2-C09-12"	Concrete	16-Aug-13 14:15	20-Aug-13 16:20
SB75393-54	IB-C2-C09-6"	Concrete	16-Aug-13 14:20	20-Aug-13 16:20
SB75393-55	IB-C2-C010-12"	Concrete	16-Aug-13 15:00	20-Aug-13 16:20
SB75393-56	IB-C2-C010-6"	Concrete	16-Aug-13 15:03	20-Aug-13 16:20
SB75393-57	IB-C2-C011-12"	Concrete	16-Aug-13 15:12	20-Aug-13 16:20
SB75393-58	IB-C2-C011-6"	Concrete	16-Aug-13 15:17	20-Aug-13 16:20
SB75393-59	IB-C2-C012-12"	Concrete	16-Aug-13 15:25	20-Aug-13 16:20
SB75393-60	IB-C2-C012-6"	Concrete	16-Aug-13 15:27	20-Aug-13 16:20
SB75393-61	IB-C2-C013-12"	Concrete	19-Aug-13 09:39	20-Aug-13 16:20
SB75393-62	IB-C2-C013-6"	Concrete	19-Aug-13 09:43	20-Aug-13 16:20
SB75393-63	IB-C2-Br2-12"	Concrete	19-Aug-13 09:59	20-Aug-13 16:20
SB75393-64	IB-C2-Br2-6"	Concrete	19-Aug-13 10:03	20-Aug-13 16:20
SB75393-65	IB-C2-C014-12"	Concrete	19-Aug-13 10:20	20-Aug-13 16:20
SB75393-66	IB-C2-C014-6"	Concrete	19-Aug-13 10:25	20-Aug-13 16:20
SB75393-67	IB-C2-C015-12"	Concrete	19-Aug-13 10:44	20-Aug-13 16:20
SB75393-68	IB-C2-C015-6"	Concrete	19-Aug-13 10:48	20-Aug-13 16:20
SB75393-69	IB-C2-C016-12"	Concrete	19-Aug-13 11:00	20-Aug-13 16:20
SB75393-70	IB-C2-C016-6"	Concrete	19-Aug-13 11:04	20-Aug-13 16:20
SB75393-71	1-IA8	Caulk	16-Aug-13 09:07	20-Aug-13 16:20
SB75393-72	2-IA8	Caulk	16-Aug-13 09:13	20-Aug-13 16:20
SB75393-73	3-MT	Caulk	16-Aug-13 08:55	20-Aug-13 16:20

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 62 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: Bradley International Airport-Windsor Locks, CT

Project Number: 183572.4445.0710

Sampling Date(s):
8/16/2013 through 8/19/2013

Laboratory Sample ID(s):
SB75393-01 through SB75393-73

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	Yes	✓ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	✓ Yes	No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 8/27/2013

CASE NARRATIVE:

The samples were received 1.1 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8082A

Spikes:

1320213-MSD1 *Source: SB75393-23*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr)

Duplicates:

1320213-DUP1 *Source: SB75393-23*

Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.

Aroclor-1254
Aroclor-1254 [2C]

Samples:

SB75393-01 *IB-C3-C01-0"*

Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

Decachlorobiphenyl (Sr)

SB75393-08 *IB-GR6*

SW846 8082A

Samples:

SB75393-08 *IB-GR6*

Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

Decachlorobiphenyl (Sr)

SB75393-09 *IB-GR7*

Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

Decachlorobiphenyl (Sr)

SB75393-31 *IB-C2-C011-0"*

Difference between the two GC columns is greater than 40%.

Aroclor-1254 [2C]

SB75393-34 *Drill Bit Decon*

Elevated Reporting Limits due to limited sample volume.

SB75393-38 *IB-C2-Br2-0"*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

SB75393-40 *IB-C2-C014-0"*

Difference between the two GC columns is greater than 40%.

Aroclor-1260 [2C]

SB75393-42 *IB-C2-C015-0"*

Difference between the two GC columns is greater than 40%.

Aroclor-1260 [2C]

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr) [2C]

SB75393-44 *IB-C2-C016-0"*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr) [2C]

SB75393-73 *3-MT*

Difference between the two GC columns is greater than 40%.

Aroclor-1260 [2C]

SW846 8082A

Samples:

SB75393-73 *3-MT*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

4,4-DB-Octafluorobiphenyl (Sr)
4,4-DB-Octafluorobiphenyl (Sr) [2C]
Decachlorobiphenyl (Sr)
Decachlorobiphenyl (Sr) [2C]

Sample Acceptance Check Form

Client:	TRC - Windsor, CT
Project:	Bradley International Airport-Windsor Locks, CT / 183572.4445.0710
Work Order:	SB75393
Sample(s) received on:	8/20/2013
Received by:	Tanya Krivolenko

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
1. Were custody seals present?	☐	☑	☐
2. Were custody seals intact?	☐	☐	☑
3. Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
4. Were samples cooled on ice upon transfer to laboratory representative?	☐	☑	☐
5. Were samples refrigerated upon transfer to laboratory representative?	☑	☐	☐
6. Were sample containers received intact?	☑	☐	☐
7. Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
8. Were samples accompanied by a Chain of Custody document?	☑	☐	☐
9. Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☑	☐	☐
10. Did sample container labels agree with Chain of Custody document?	☑	☐	☐
11. Were samples received within method-specific holding times?	☑	☐	☐

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C3-C01-0" SB76393-01	183572.4445.0710	Concrete	16-Aug-13 09:19	20-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.8		µg/kg dry	66.8	49.9	1	SW846 8082A	22-Aug-13	24-Aug-13	IMR	1320212	X
11104-28-2	Aroclor-1221	< 66.8		µg/kg dry	66.8	60.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.8		µg/kg dry	66.8	42.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.8		µg/kg dry	66.8	40.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.8		µg/kg dry	66.8	34.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	567		µg/kg dry	66.8	55.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.8		µg/kg dry	66.8	41.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.8		µg/kg dry	66.8	62.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.8		µg/kg dry	66.8	27.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*170*	SGC		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1B-C3-C02-0"	183572.4445.0710	Concrete	16-Aug-13 09:31	20-Aug-13
SB75393-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.6		µg/kg dry	59.6	44.5	1	SW846 8082A	22-Aug-13	24-Aug-13	IMR	1320212	X
11104-28-2	Aroclor-1221	< 59.6		µg/kg dry	59.6	53.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.6		µg/kg dry	59.6	38.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.6		µg/kg dry	59.6	35.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.6		µg/kg dry	59.6	31.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**516**		µg/kg dry	59.6	49.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 59.6		µg/kg dry	59.6	37.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.6		µg/kg dry	59.6	55.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.6		µg/kg dry	59.6	24.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*140*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-GR1	183572.4445.0710	Concrete	16-Aug-13 09:42	20-Aug-13
SB75393-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 68.3		µg/kg dry	68.3	51.0	1	SW846 8082A	22-Aug-13	24-Aug-13	IMR	1320212	X
11104-28-2	Aroclor-1221	< 68.3		µg/kg dry	68.3	61.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 68.3		µg/kg dry	68.3	43.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 68.3		µg/kg dry	68.3	41.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 68.3		µg/kg dry	68.3	35.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 68.3		µg/kg dry	68.3	56.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 68.3		µg/kg dry	68.3	42.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 68.3		µg/kg dry	68.3	63.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 68.3		µg/kg dry	68.3	28.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*145*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	95.9		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-GR2				
SB75393-04	183572.4445.0710	Concrete	16-Aug-13 09:44	20-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.4		µg/kg dry	63.4	47.4	1	SW846 8082A	22-Aug-13	24-Aug-13	IMR	1320212	X
11104-28-2	Aroclor-1221	< 63.4		µg/kg dry	63.4	57.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.4		µg/kg dry	63.4	40.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.4		µg/kg dry	63.4	38.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.4		µg/kg dry	63.4	33.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.4		µg/kg dry	63.4	52.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.4		µg/kg dry	63.4	39.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.4		µg/kg dry	63.4	59.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.4		µg/kg dry	63.4	26.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*140*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	95.4		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-GR3	183572.4445.0710	Concrete	16-Aug-13 09:50	20-Aug-13
[illegible]5393-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.0		µg/kg dry	64.0	47.8	1	SW846 8082A	22-Aug-13	26-Aug-13	IMR	1320212	X
11104-28-2	Aroclor-1221	< 64.0		µg/kg dry	64.0	57.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.0		µg/kg dry	64.0	41.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.0		µg/kg dry	64.0	38.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.0		µg/kg dry	64.0	33.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.0		µg/kg dry	64.0	53.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.0		µg/kg dry	64.0	39.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.0		µg/kg dry	64.0	59.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.0		µg/kg dry	64.0	26.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.4		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-GR4	183572.4445.0710	Concrete	16-Aug-13 09:52	20-Aug-13
SB75393-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 56.3		µg/kg dry	56.3	42.0	1	SW846 8082A	22-Aug-13	24-Aug-13	IMR	1320212	X
11104-28-2	Aroclor-1221	< 56.3		µg/kg dry	56.3	50.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 56.3		µg/kg dry	56.3	36.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 56.3		µg/kg dry	56.3	33.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 56.3		µg/kg dry	56.3	29.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 56.3		µg/kg dry	56.3	46.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 56.3		µg/kg dry	56.3	34.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 56.3		µg/kg dry	56.3	52.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 56.3		µg/kg dry	56.3	23.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*145*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.0		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-GR5	183572.4445.0710	Concrete	16-Aug-13 09:59	20-Aug-13
[redacted]393-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 54.7		µg/kg dry	54.7	40.9	1	SW846 8082A	22-Aug-13	24-Aug-13	IMR	1320212	X
11104-28-2	Aroclor-1221	< 54.7		µg/kg dry	54.7	49.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 54.7		µg/kg dry	54.7	35.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 54.7		µg/kg dry	54.7	32.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 54.7		µg/kg dry	54.7	28.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 54.7		µg/kg dry	54.7	45.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 54.7		µg/kg dry	54.7	33.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 54.7		µg/kg dry	54.7	51.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 54.7		µg/kg dry	54.7	22.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*145*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*135*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.9		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-GR6	183572.4445.0710	Concrete	16-Aug-13 10:03	20-Aug-13
SB75393-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.9		µg/kg dry	64.9	48.5	1	SW846 8082A	22-Aug-13	24-Aug-13	IMR	1320212	X
11104-28-2	Aroclor-1221	< 64.9		µg/kg dry	64.9	58.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.9		µg/kg dry	64.9	41.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.9		µg/kg dry	64.9	39.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.9		µg/kg dry	64.9	33.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.9		µg/kg dry	64.9	54.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.9		µg/kg dry	64.9	40.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.9		µg/kg dry	64.9	60.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.9		µg/kg dry	64.9	26.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*160*	SGC		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*145*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**97.5**		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-GR7	183572.4445.0710	Concrete	16-Aug-13 10:08	20-Aug-13
[illegible]393-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 67.7		µg/kg dry	67.7	50.5	1	SW846 8082A	22-Aug-13	24-Aug-13	IMR	1320212	X
11104-28-2	Aroclor-1221	< 67.7		µg/kg dry	67.7	61.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 67.7		µg/kg dry	67.7	43.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 67.7		µg/kg dry	67.7	40.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 67.7		µg/kg dry	67.7	35.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 67.7		µg/kg dry	67.7	56.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 67.7		µg/kg dry	67.7	42.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 67.7		µg/kg dry	67.7	63.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 67.7		µg/kg dry	67.7	27.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*170*	SGC		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*140*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	92.6		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-GR8	183572.4445.0710	Concrete	16-Aug-13 10:12	20-Aug-13
SB75393-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 68.8		µg/kg dry	68.8	51.4	1	SW846 8082A	22-Aug-13	24-Aug-13	IMR	1320212	X
11104-28-2	Aroclor-1221	< 68.8		µg/kg dry	68.8	62.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 68.8		µg/kg dry	68.8	44.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 68.8		µg/kg dry	68.8	41.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 68.8		µg/kg dry	68.8	35.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 68.8		µg/kg dry	68.8	57.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 68.8		µg/kg dry	68.8	42.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 68.8		µg/kg dry	68.8	64.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 68.8		µg/kg dry	68.8	28.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*135*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	95.7		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-GR9 S[illegible]393-11	183572.4445.0710	Concrete	16-Aug-13 10:15	20-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 58.3		µg/kg dry	58.3	43.5	1	SW846 8082A	22-Aug-13	24-Aug-13	IMR	1320212	X
11104-28-2	Aroclor-1221	< 58.3		µg/kg dry	58.3	52.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 58.3		µg/kg dry	58.3	37.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 58.3		µg/kg dry	58.3	35.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 58.3		µg/kg dry	58.3	30.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 58.3		µg/kg dry	58.3	48.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 58.3		µg/kg dry	58.3	36.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 58.3		µg/kg dry	58.3	54.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 58.3		µg/kg dry	58.3	24.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*145*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.4		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-GR10	183572.4445.0710	Concrete	16-Aug-13 10:19	20-Aug-13
SB75393-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.8		µg/kg dry	59.8	44.7	1	SW846 8082A	22-Aug-13	24-Aug-13	IMR	1320212	X
11104-28-2	Aroclor-1221	< 59.8		µg/kg dry	59.8	53.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.8		µg/kg dry	59.8	38.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.8		µg/kg dry	59.8	36.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.8		µg/kg dry	59.8	31.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 59.8		µg/kg dry	59.8	49.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 59.8		µg/kg dry	59.8	37.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.8		µg/kg dry	59.8	55.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.8		µg/kg dry	59.8	24.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*135*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*135*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.0		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-GR14	183572.4445.0710	Concrete	16-Aug-13 10:58	20-Aug-13
S[illegible]393-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.9		µg/kg dry	62.9	47.0	1	SW846 8082A	22-Aug-13	24-Aug-13	IMR	1320212	X
11104-28-2	Aroclor-1221	< 62.9		µg/kg dry	62.9	56.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.9		µg/kg dry	62.9	40.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.9		µg/kg dry	62.9	37.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.9		µg/kg dry	62.9	32.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.9		µg/kg dry	62.9	52.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.9		µg/kg dry	62.9	39.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.9		µg/kg dry	62.9	58.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.9		µg/kg dry	62.9	25.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*140*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*145*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.0		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-GR13	183572.4445.0710	Concrete	16-Aug-13 11:02	20-Aug-13
SB75393-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 58.7		µg/kg dry	58.7	43.8	1	SW846 8082A	22-Aug-13	24-Aug-13	IMR	1320212	X
11104-28-2	Aroclor-1221	< 58.7		µg/kg dry	58.7	52.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 58.7		µg/kg dry	58.7	37.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 58.7		µg/kg dry	58.7	35.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 58.7		µg/kg dry	58.7	30.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 58.7		µg/kg dry	58.7	48.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 58.7		µg/kg dry	58.7	36.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 58.7		µg/kg dry	58.7	54.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 58.7		µg/kg dry	58.7	24.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*140*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	96.9		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-GR12	183572.4445.0710	Concrete	16-Aug-13 11:05	20-Aug-13
S[illegible]5393-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 58.5		µg/kg dry	58.5	43.7	1	SW846 8082A	22-Aug-13	24-Aug-13	IMR	1320212	X
11104-28-2	Aroclor-1221	< 58.5		µg/kg dry	58.5	52.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 58.5		µg/kg dry	58.5	37.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 58.5		µg/kg dry	58.5	35.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 58.5		µg/kg dry	58.5	30.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 58.5		µg/kg dry	58.5	48.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 58.5		µg/kg dry	58.5	36.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 58.5		µg/kg dry	58.5	54.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 58.5		µg/kg dry	58.5	24.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*140*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*145*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.4		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-GR11	183572.4445.0710	Concrete	16-Aug-13 11:10	20-Aug-13
SB75393-16				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 56.1		µg/kg dry	56.1	41.9	1	SW846 8082A	22-Aug-13	24-Aug-13	IMR	1320212	X
11104-28-2	Aroclor-1221	< 56.1		µg/kg dry	56.1	50.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 56.1		µg/kg dry	56.1	36.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 56.1		µg/kg dry	56.1	33.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 56.1		µg/kg dry	56.1	29.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 56.1		µg/kg dry	56.1	46.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 56.1		µg/kg dry	56.1	34.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 56.1		µg/kg dry	56.1	52.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 56.1		µg/kg dry	56.1	23.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*150*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.0		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C3-C03-0"	183572.4445.0710	Concrete	16-Aug-13 11:17	20-Aug-13
SB75393-17				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 58.9		µg/kg dry	58.9	44.0	1	SW846 8082A	22-Aug-13	24-Aug-13	IMR	1320212	X
11104-28-2	Aroclor-1221	< 58.9		µg/kg dry	58.9	53.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 58.9		µg/kg dry	58.9	37.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 58.9		µg/kg dry	58.9	35.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 58.9		µg/kg dry	58.9	30.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	559		µg/kg dry	58.9	34.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 58.9		µg/kg dry	58.9	36.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 58.9		µg/kg dry	58.9	54.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 58.9		µg/kg dry	58.9	24.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-GR1-3"	183572.4445.0710	Concrete	16-Aug-13 11:36	20-Aug-13
SB75393-18				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.8		µg/kg dry	62.8	46.9	1	SW846 8082A	22-Aug-13	24-Aug-13	IMR	1320212	X
11104-28-2	Aroclor-1221	< 62.8		µg/kg dry	62.8	56.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.8		µg/kg dry	62.8	40.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.8		µg/kg dry	62.8	37.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.8		µg/kg dry	62.8	32.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	355		µg/kg dry	62.8	36.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.8		µg/kg dry	62.8	38.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.8		µg/kg dry	62.8	58.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.8		µg/kg dry	62.8	25.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*140*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*145*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.9		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-GR1-0"	183572.4445.0710	Concrete	16-Aug-13 11:38	20-Aug-13
SD55393-19				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 56.3		µg/kg dry	56.3	42.0	1	SW846 8082A	22-Aug-13	24-Aug-13	IMR	1320212	X
11104-28-2	Aroclor-1221	< 56.3		µg/kg dry	56.3	50.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 56.3		µg/kg dry	56.3	36.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 56.3		µg/kg dry	56.3	33.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 56.3		µg/kg dry	56.3	29.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	1,110		µg/kg dry	56.3	32.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 56.3		µg/kg dry	56.3	34.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 56.3		µg/kg dry	56.3	52.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 56.3		µg/kg dry	56.3	23.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*135*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-GR2-3" SB75393-20	183572.4445.0710	Concrete	16-Aug-13 12:07	20-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.1		µg/kg dry	66.1	49.4	1	SW846 8082A	22-Aug-13	24-Aug-13	IMR	1320212	X
11104-28-2	Aroclor-1221	< 66.1		µg/kg dry	66.1	59.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.1		µg/kg dry	66.1	42.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.1		µg/kg dry	66.1	39.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.1		µg/kg dry	66.1	34.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	648		µg/kg dry	66.1	38.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.1		µg/kg dry	66.1	41.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.1		µg/kg dry	66.1	61.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.1		µg/kg dry	66.1	27.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*125*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320226	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-GR2-0"	183572.4445.0710	Concrete	16-Aug-13 12:10	20-Aug-13
S[illegible]5393-21				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 55.5		µg/kg dry	55.5	41.5	1	SW846 8082A	22-Aug-13	24-Aug-13	BLM	1320213	X
11104-28-2	Aroclor-1221	< 55.5		µg/kg dry	55.5	50.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 55.5		µg/kg dry	55.5	35.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 55.5		µg/kg dry	55.5	33.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 55.5		µg/kg dry	55.5	28.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	2,760		µg/kg dry	55.5	46.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 55.5		µg/kg dry	55.5	34.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 55.5		µg/kg dry	55.5	51.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 55.5		µg/kg dry	55.5	22.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320227	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C07-3"	183572.4445.0710	Concrete	16-Aug-13 13:50	20-Aug-13
SB75393-22				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.7		µg/kg dry	65.7	49.1	1	SW846 8082A	22-Aug-13	24-Aug-13	BLM	1320213	X
11104-28-2	Aroclor-1221	< 65.7		µg/kg dry	65.7	59.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.7		µg/kg dry	65.7	42.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.7		µg/kg dry	65.7	39.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.7		µg/kg dry	65.7	34.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	154		µg/kg dry	65.7	54.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.7		µg/kg dry	65.7	40.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.7		µg/kg dry	65.7	61.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.7		µg/kg dry	65.7	27.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*135*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320227	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C07-0"	183572.4445.0710	Concrete	16-Aug-13 13:55	20-Aug-13
S[illegible]393-23				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.2		µg/kg dry	60.2	45.0	1	SW846 8082A	22-Aug-13	24-Aug-13	BLM	1320213	X
11104-28-2	Aroclor-1221	< 60.2		µg/kg dry	60.2	54.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.2		µg/kg dry	60.2	38.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.2		µg/kg dry	60.2	36.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.2		µg/kg dry	60.2	31.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	250		µg/kg dry	60.2	50.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.2		µg/kg dry	60.2	37.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.2		µg/kg dry	60.2	56.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.2		µg/kg dry	60.2	24.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320227	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C08-3"	183572.4445.0710	Concrete	16-Aug-13 14:06	20-Aug-13
SB75393-24				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.6		µg/kg dry	57.6	43.1	1	SW846 8082A	22-Aug-13	24-Aug-13	BLM	1320213	X
11104-28-2	Aroclor-1221	< 57.6		µg/kg dry	57.6	51.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.6		µg/kg dry	57.6	37.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.6		µg/kg dry	57.6	34.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.6		µg/kg dry	57.6	30.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**207**		µg/kg dry	57.6	48.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.6		µg/kg dry	57.6	35.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 57.6		µg/kg dry	57.6	53.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.6		µg/kg dry	57.6	23.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*145*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**99.4**		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320227	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C08-0"	183572.4445.0710	Concrete	16-Aug-13 14:09	20-Aug-13
[illegible]393-25				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.6		µg/kg dry	63.6	47.5	1	SW846 8082A	22-Aug-13	24-Aug-13	BLM	1320213	X
11104-28-2	Aroclor-1221	< 63.6		µg/kg dry	63.6	57.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.6		µg/kg dry	63.6	40.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.6		µg/kg dry	63.6	38.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.6		µg/kg dry	63.6	33.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	480		µg/kg dry	63.6	53.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.6		µg/kg dry	63.6	39.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.6		µg/kg dry	63.6	59.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.6		µg/kg dry	63.6	26.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*115*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*145*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320227	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C09-3"	183572.4445.0710	Concrete	16-Aug-13 14:23	20-Aug-13
SB75393-26				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.7		µg/kg dry	61.7	46.1	1	SW846 8082A	22-Aug-13	24-Aug-13	BLM	1320213	X
11104-28-2	Aroclor-1221	< 61.7		µg/kg dry	61.7	55.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.7		µg/kg dry	61.7	39.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.7		µg/kg dry	61.7	37.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.7		µg/kg dry	61.7	32.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	**253**		µg/kg dry	61.7	51.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.7		µg/kg dry	61.7	38.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.7		µg/kg dry	61.7	57.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.7		µg/kg dry	61.7	25.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320227	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C09-0"	183572.4445.0710	Concrete	16-Aug-13 14:25	20-Aug-13
SB75393-27				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.8		µg/kg dry	66.8	49.9	1	SW846 8082A	22-Aug-13	24-Aug-13	BLM	1320213	X
11104-28-2	Aroclor-1221	< 66.8		µg/kg dry	66.8	60.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.8		µg/kg dry	66.8	42.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.8		µg/kg dry	66.8	40.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.8		µg/kg dry	66.8	34.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	1,850		µg/kg dry	66.8	55.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.8		µg/kg dry	66.8	41.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.8		µg/kg dry	66.8	62.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.8		µg/kg dry	66.8	27.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*145*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320227	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C010-3"	183572.4445.0710	Concrete	16-Aug-13 15:09	20-Aug-13
SB75393-28				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 52.4		µg/kg dry	52.4	39.1	1	SW846 8082A	22-Aug-13	25-Aug-13	BLM	1320213	X
11104-28-2	Aroclor-1221	< 52.4		µg/kg dry	52.4	47.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 52.4		µg/kg dry	52.4	33.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 52.4		µg/kg dry	52.4	31.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 52.4		µg/kg dry	52.4	27.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	202		µg/kg dry	52.4	43.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 52.4		µg/kg dry	52.4	32.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 52.4		µg/kg dry	52.4	48.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 52.4		µg/kg dry	52.4	21.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320227	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C010-0"	183572.4445.0710	Concrete	16-Aug-13 15:13	20-Aug-13
SB75393-29				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.9		µg/kg dry	57.9	43.2	1	SW846 8082A	22-Aug-13	25-Aug-13	BLM	1320213	X
11104-28-2	Aroclor-1221	< 57.9		µg/kg dry	57.9	52.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.9		µg/kg dry	57.9	37.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.9		µg/kg dry	57.9	34.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.9		µg/kg dry	57.9	30.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	116		µg/kg dry	57.9	33.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.9		µg/kg dry	57.9	35.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 57.9		µg/kg dry	57.9	53.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.9		µg/kg dry	57.9	23.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320227	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C011-3"	183572.4445.0710	Concrete	16-Aug-13 15:19	20-Aug-13
SB75393-30				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.3		µg/kg dry	59.3	44.3	1	SW846 8082A	22-Aug-13	25-Aug-13	BLM	1320213	X
11104-28-2	Aroclor-1221	< 59.3		µg/kg dry	59.3	53.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.3		µg/kg dry	59.3	38.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.3		µg/kg dry	59.3	35.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.3		µg/kg dry	59.3	30.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	113		µg/kg dry	59.3	34.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 59.3		µg/kg dry	59.3	36.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.3		µg/kg dry	59.3	55.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.3		µg/kg dry	59.3	24.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320227	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C011-0"	183572.4445.0710	Concrete	16-Aug-13 15:22	20-Aug-13
S[illegible]93-31				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.2		µg/kg dry	59.2	44.2	1	SW846 8082A	22-Aug-13	25-Aug-13	BLM	1320213	X
11104-28-2	Aroclor-1221	< 59.2		µg/kg dry	59.2	53.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.2		µg/kg dry	59.2	38.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.2		µg/kg dry	59.2	35.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.2		µg/kg dry	59.2	30.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	85.8	P	µg/kg dry	59.2	34.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 59.2		µg/kg dry	59.2	36.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.2		µg/kg dry	59.2	55.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.2		µg/kg dry	59.2	24.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320227	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C012-3"	183572.4445.0710	Concrete	16-Aug-13 15:30	20-Aug-13
SB75393-32				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.9		µg/kg dry	65.9	49.2	1	SW846 8082A	22-Aug-13	25-Aug-13	BLM	1320213	X
11104-28-2	Aroclor-1221	< 65.9		µg/kg dry	65.9	59.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.9		µg/kg dry	65.9	42.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.9		µg/kg dry	65.9	39.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.9		µg/kg dry	65.9	34.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	95.5		µg/kg dry	65.9	38.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.9		µg/kg dry	65.9	40.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.9		µg/kg dry	65.9	61.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.9		µg/kg dry	65.9	27.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*140*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320227	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C012-0"	183572.4445.0710	Concrete	16-Aug-13 15:34	20-Aug-13
SD75393-33				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 52.1		µg/kg dry	52.1	39.0	1	SW846 8082A	22-Aug-13	25-Aug-13	BLM	1320213	X
11104-28-2	Aroclor-1221	< 52.1		µg/kg dry	52.1	47.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 52.1		µg/kg dry	52.1	33.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 52.1		µg/kg dry	52.1	31.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 52.1		µg/kg dry	52.1	27.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	117		µg/kg dry	52.1	43.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 52.1		µg/kg dry	52.1	32.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 52.1		µg/kg dry	52.1	48.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 52.1		µg/kg dry	52.1	21.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*135*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320227	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Drill Bit Decon	183572.4445.0710	Hexane	16-Aug-13 15:40	20-Aug-13
SB75393-34				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			R02										
Prepared by method SW846 3510C													
12674-11-2	Aroclor-1016	< 0.606		µg/l	0.606	0.223	1	SW846 8082A	22-Aug-13	26-Aug-13	IMR	1320205	X
11104-28-2	Aroclor-1221	< 0.606		µg/l	0.606	0.384	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 0.606		µg/l	0.606	0.314	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 0.606		µg/l	0.606	0.362	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 0.606		µg/l	0.606	0.315	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 0.606		µg/l	0.606	0.396	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 0.606		µg/l	0.606	0.332	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 0.606		µg/l	0.606	0.418	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 0.606		µg/l	0.606	0.250	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*135*			*30-150 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C013-3"	183572.4445.0710	Concrete	19-Aug-13 09:47	20-Aug-13
[redacted]393-35				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 51.4		µg/kg dry	51.4	38.4	1	SW846 8082A	22-Aug-13	25-Aug-13	BLM	1320213	X
11104-28-2	Aroclor-1221	< 51.4		µg/kg dry	51.4	46.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 51.4		µg/kg dry	51.4	33.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 51.4		µg/kg dry	51.4	30.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 51.4		µg/kg dry	51.4	26.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 51.4		µg/kg dry	51.4	42.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 51.4		µg/kg dry	51.4	31.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 51.4		µg/kg dry	51.4	47.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 51.4		µg/kg dry	51.4	21.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320227	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C013-0"	183572.4445.0710	Concrete	19-Aug-13 09:52	20-Aug-13
SB75393-36				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.3		µg/kg dry	59.3	44.3	1	SW846 8082A	22-Aug-13	25-Aug-13	BLM	1320213	X
11104-28-2	Aroclor-1221	< 59.3		µg/kg dry	59.3	53.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.3		µg/kg dry	59.3	38.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.3		µg/kg dry	59.3	35.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.3		µg/kg dry	59.3	30.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	775		µg/kg dry	59.3	34.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	202		µg/kg dry	59.3	36.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.3		µg/kg dry	59.3	55.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.3		µg/kg dry	59.3	24.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*140*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*115*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.7		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320227	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-Br2-3"	183572.4445.0710	Concrete	19-Aug-13 10:07	20-Aug-13
S[illegible]5393-37				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 51.8		µg/kg dry	51.8	38.7	1	SW846 8082A	22-Aug-13	25-Aug-13	BLM	1320213	X
11104-28-2	Aroclor-1221	< 51.8		µg/kg dry	51.8	46.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 51.8		µg/kg dry	51.8	33.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 51.8		µg/kg dry	51.8	31.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 51.8		µg/kg dry	51.8	26.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	274		µg/kg dry	51.8	30.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 51.8		µg/kg dry	51.8	32.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 51.8		µg/kg dry	51.8	48.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 51.8		µg/kg dry	51.8	21.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*135*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320227	

Sample Identification

IB-C2-Br2-0"
SB75393-38

Client Project #	Matrix	Collection Date/Time	Received
183572.4445.0710	Concrete	19-Aug-13 10:14	20-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 1310	D	µg/kg dry	1310	977	20	SW846 8082A	22-Aug-13	27-Aug-13	BLM	1320213	X
11104-28-2	Aroclor-1221	< 1310	D	µg/kg dry	1310	1180	20	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 1310	D	µg/kg dry	1310	839	20	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 1310	D	µg/kg dry	1310	786	20	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 1310	D	µg/kg dry	1310	680	20	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	32,200	D	µg/kg dry	1310	765	20	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 1310	D	µg/kg dry	1310	811	20	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 1310	D	µg/kg dry	1310	1220	20	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 1310	D	µg/kg dry	1310	539	20	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*0*	S01		*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*0*	S01		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320227	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1B-C2-C014-3" [redacted]93-39	183572.4445.0710	Concrete	19-Aug-13 10:29	20-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 52.1		µg/kg dry	52.1	38.9	1	SW846 8082A	22-Aug-13	25-Aug-13	BLM	1320213	X
11104-28-2	Aroclor-1221	< 52.1		µg/kg dry	52.1	47.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 52.1		µg/kg dry	52.1	33.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 52.1		µg/kg dry	52.1	31.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 52.1		µg/kg dry	52.1	27.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	235		µg/kg dry	52.1	30.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 52.1		µg/kg dry	52.1	32.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 52.1		µg/kg dry	52.1	48.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 52.1		µg/kg dry	52.1	21.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	99.4		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320227	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C014-0"	183572.4445.0710	Concrete	19-Aug-13 10:34	20-Aug-13
SB75393-40				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	C
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 51.7		µg/kg dry	51.7	38.6	1	SW846 8082A	22-Aug-13	25-Aug-13	BLM	1320213	X
11104-28-2	Aroclor-1221	< 51.7		µg/kg dry	51.7	46.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 51.7		µg/kg dry	51.7	33.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 51.7		µg/kg dry	51.7	31.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 51.7		µg/kg dry	51.7	26.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	569		µg/kg dry	51.7	30.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	82.8	P	µg/kg dry	51.7	25.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 51.7		µg/kg dry	51.7	48.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 51.7		µg/kg dry	51.7	21.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320227	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C015-3"	183572.4445.0710	Concrete	19-Aug-13 10:52	20-Aug-13
SB75393-41				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 58.4		µg/kg dry	58.4	43.7	1	SW846 8082A	22-Aug-13	25-Aug-13	BLM	1320213	X
11104-28-2	Aroclor-1221	< 58.4		µg/kg dry	58.4	52.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 58.4		µg/kg dry	58.4	37.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 58.4		µg/kg dry	58.4	35.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 58.4		µg/kg dry	58.4	30.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 58.4		µg/kg dry	58.4	48.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 58.4		µg/kg dry	58.4	36.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 58.4		µg/kg dry	58.4	54.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 58.4		µg/kg dry	58.4	24.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320227	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1B-C2-C015-0"	183572.4445.0710	Concrete	19-Aug-13 10:56	20-Aug-13
S[illegible]393-42				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 573	D	µg/kg dry	573	428	10	SW846 8082A	22-Aug-13	24-Aug-13	BLM	1320310	X
11104-28-2	Aroclor-1221	< 573	D	µg/kg dry	573	516	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 573	D	µg/kg dry	573	368	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 573	D	µg/kg dry	573	345	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 573	D	µg/kg dry	573	298	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	19,000	D	µg/kg dry	573	477	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	1,800	P, D	µg/kg dry	573	287	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 573	D	µg/kg dry	573	534	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 573	D	µg/kg dry	573	236	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*250*	S02		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320228	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C016-3" SB75393-43	183572.4445.0710	Concrete	19-Aug-13 11:09	20-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.8		µg/kg dry	66.8	49.9	1	SW846 8082A	22-Aug-13	24-Aug-13	BLM	1320310	X
11104-28-2	Aroclor-1221	< 66.8		µg/kg dry	66.8	60.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.8		µg/kg dry	66.8	42.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.8		µg/kg dry	66.8	40.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.8		µg/kg dry	66.8	34.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 66.8		µg/kg dry	66.8	55.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.8		µg/kg dry	66.8	41.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.8		µg/kg dry	66.8	62.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.8		µg/kg dry	66.8	27.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320228	

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* Reportable Detection Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-C016-0"	183572.4445.0710	Concrete	19-Aug-13 11:12	20-Aug-13
[illegible]393-44				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.1		µg/kg dry	63.1	47.1	1	SW846 8082A	22-Aug-13	24-Aug-13	BLM	1320310	X
11104-28-2	Aroclor-1221	< 63.1		µg/kg dry	63.1	56.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.1		µg/kg dry	63.1	40.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.1		µg/kg dry	63.1	37.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.1		µg/kg dry	63.1	32.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	2,770		µg/kg dry	63.1	36.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	943		µg/kg dry	63.1	39.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.1		µg/kg dry	63.1	58.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.1		µg/kg dry	63.1	26.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*110*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*130*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*515*	S02		*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	22-Aug-13	22-Aug-13	DT	1320228	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1320205 - SW846 3510C										
Blank (1320205-BLK1)					Prepared & Analyzed: 22-Aug-13					
Aroclor-1016	< 0.200		µg/l	0.200						
Aroclor-1016 [2C]	< 0.200		µg/l	0.200						
Aroclor-1221	< 0.200		µg/l	0.200						
Aroclor-1221 [2C]	< 0.200		µg/l	0.200						
Aroclor-1232	< 0.200		µg/l	0.200						
Aroclor-1232 [2C]	< 0.200		µg/l	0.200						
Aroclor-1242	< 0.200		µg/l	0.200						
Aroclor-1242 [2C]	< 0.200		µg/l	0.200						
Aroclor-1248	< 0.200		µg/l	0.200						
Aroclor-1248 [2C]	< 0.200		µg/l	0.200						
Aroclor-1254	< 0.200		µg/l	0.200						
Aroclor-1254 [2C]	< 0.200		µg/l	0.200						
Aroclor-1260	< 0.200		µg/l	0.200						
Aroclor-1260 [2C]	< 0.200		µg/l	0.200						
Aroclor-1262	< 0.200		µg/l	0.200						
Aroclor-1262 [2C]	< 0.200		µg/l	0.200						
Aroclor-1268	< 0.200		µg/l	0.200						
Aroclor-1268 [2C]	< 0.200		µg/l	0.200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.190*		µg/l		*0.200*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*0.220*		µg/l		*0.200*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.240*		µg/l		*0.200*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.200*		µg/l		*0.200*		*100*	*30-150*		
LCS (1320205-BS1)					Prepared & Analyzed: 22-Aug-13					
Aroclor-1016	**1.96**		µg/l	0.200	2.50		78	40-140		
Aroclor-1016 [2C]	**1.97**		µg/l	0.200	2.50		79	40-140		
Aroclor-1260	**1.74**		µg/l	0.200	2.50		70	40-140		
Aroclor-1260 [2C]	**1.97**		µg/l	0.200	2.50		79	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.140*		µg/l		*0.200*		*70*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*0.150*		µg/l		*0.200*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.180*		µg/l		*0.200*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.190*		µg/l		*0.200*		*95*	*30-150*		
LCS Dup (1320205-BSD1)					Prepared & Analyzed: 22-Aug-13					
Aroclor-1016	**2.17**		µg/l	0.200	2.50		87	40-140	10	20
Aroclor-1016 [2C]	**2.22**		µg/l	0.200	2.50		89	40-140	12	20
Aroclor-1260	**1.94**		µg/l	0.200	2.50		78	40-140	11	20
Aroclor-1260 [2C]	**2.14**		µg/l	0.200	2.50		86	40-140	8	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.160*		µg/l		*0.200*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*0.170*		µg/l		*0.200*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.190*		µg/l		*0.200*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.200*		µg/l		*0.200*		*100*	*30-150*		
Batch 1320212 - SW846 3540C										
Blank (1320212-BLK1)					Prepared: 22-Aug-13 Analyzed: 24-Aug-13					
Aroclor-1016	< 66.7		µg/kg wet	66.7						
Aroclor-1016 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1221	< 66.7		µg/kg wet	66.7						
Aroclor-1221 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1232	< 66.7		µg/kg wet	66.7						
Aroclor-1232 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1242	< 66.7		µg/kg wet	66.7						
Aroclor-1242 [2C]	< 66.7		µg/kg wet	66.7						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1320212 - SW846 3540C										
Blank (1320212-BLK1)					Prepared: 22-Aug-13 Analyzed: 24-Aug-13					
Aroclor-1248	< 66.7		µg/kg wet	66.7						
Aroclor-1248 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1254	< 66.7		µg/kg wet	66.7						
Aroclor-1254 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1260	< 66.7		µg/kg wet	66.7						
Aroclor-1260 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1262	< 66.7		µg/kg wet	66.7						
Aroclor-1262 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1268	< 66.7		µg/kg wet	66.7						
Aroclor-1268 [2C]	< 66.7		µg/kg wet	66.7						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*56.7*		µg/kg wet		*66.7*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*70.0*		µg/kg wet		*66.7*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*100*		µg/kg wet		*66.7*		*150*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*100*		µg/kg wet		*66.7*		*150*	*30-150*		
LCS (1320212-BS1)					Prepared: 22-Aug-13 Analyzed: 27-Aug-13					
Aroclor-1016	**490**		µg/kg wet	66.7	833		59	40-140		
Aroclor-1016 [2C]	**440**		µg/kg wet	66.7	833		53	40-140		
Aroclor-1260	**640**		µg/kg wet	66.7	833		77	40-140		
Aroclor-1260 [2C]	**457**		µg/kg wet	66.7	833		55	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*63.3*		µg/kg wet		*66.7*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*90.0*		µg/kg wet		*66.7*		*135*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
LCS Dup (1320212-BSD1)					Prepared: 22-Aug-13 Analyzed: 27-Aug-13					
Aroclor-1016	**413**		µg/kg wet	66.7	833		50	40-140	17	30
Aroclor-1016 [2C]	**443**		µg/kg wet	66.7	833		53	40-140	0.8	30
Aroclor-1260	**580**		µg/kg wet	66.7	833		70	40-140	10	30
Aroclor-1260 [2C]	**450**		µg/kg wet	66.7	833		54	40-140	1	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*56.7*		µg/kg wet		*66.7*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*80.0*		µg/kg wet		*66.7*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Duplicate (1320212-DUP1)			**Source: SB75393-11**		Prepared: 22-Aug-13 Analyzed: 24-Aug-13					
Aroclor-1016	< 60.5		µg/kg dry	60.5		BRL				30
Aroclor-1016 [2C]	< 60.5		µg/kg dry	60.5		BRL				30
Aroclor-1221	< 60.5		µg/kg dry	60.5		BRL				30
Aroclor-1221 [2C]	< 60.5		µg/kg dry	60.5		BRL				30
Aroclor-1232	< 60.5		µg/kg dry	60.5		BRL				30
Aroclor-1232 [2C]	< 60.5		µg/kg dry	60.5		BRL				30
Aroclor-1242	< 60.5		µg/kg dry	60.5		BRL				30
Aroclor-1242 [2C]	< 60.5		µg/kg dry	60.5		BRL				30
Aroclor-1248	< 60.5		µg/kg dry	60.5		BRL				30
Aroclor-1248 [2C]	< 60.5		µg/kg dry	60.5		BRL				30
Aroclor-1254	< 60.5		µg/kg dry	60.5		BRL				30
Aroclor-1254 [2C]	< 60.5		µg/kg dry	60.5		BRL				30
Aroclor-1260	< 60.5		µg/kg dry	60.5		BRL				30
Aroclor-1260 [2C]	< 60.5		µg/kg dry	60.5		BRL				30
Aroclor-1262	< 60.5		µg/kg dry	60.5		BRL				30
Aroclor-1262 [2C]	< 60.5		µg/kg dry	60.5		BRL				30
Aroclor-1268	< 60.5		µg/kg dry	60.5		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1320212 - SW846 3540C										
Duplicate (1320212-DUP1)			**Source: SB75393-11**		Prepared: 22-Aug-13 Analyzed: 24-Aug-13					
Aroclor-1268 [2C]	< 60.5		µg/kg dry	60.5		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*33.3*		µg/kg dry		*60.5*		*55*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*39.3*		µg/kg dry		*60.5*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*66.5*		µg/kg dry		*60.5*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*69.5*		µg/kg dry		*60.5*		*115*	*30-150*		
Matrix Spike (1320212-MS1)			**Source: SB75393-11**		Prepared: 22-Aug-13 Analyzed: 24-Aug-13					
Aroclor-1016	**492**		µg/kg dry	62.3	779	BRL	63	40-140		
Aroclor-1016 [2C]	**449**		µg/kg dry	62.3	779	BRL	58	40-140		
Aroclor-1260	**558**		µg/kg dry	62.3	779	BRL	72	40-140		
Aroclor-1260 [2C]	**545**		µg/kg dry	62.3	779	BRL	70	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*49.9*		µg/kg dry		*62.3*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*56.1*		µg/kg dry		*62.3*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*93.5*		µg/kg dry		*62.3*		*150*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*90.4*		µg/kg dry		*62.3*		*145*	*30-150*		
Matrix Spike Dup (1320212-MSD1)			**Source: SB75393-11**		Prepared: 22-Aug-13 Analyzed: 24-Aug-13					
Aroclor-1016	**485**		µg/kg dry	57.7	722	BRL	67	40-140	6	30
Aroclor-1016 [2C]	**430**		µg/kg dry	57.7	722	BRL	60	40-140	3	30
Aroclor-1260	**566**		µg/kg dry	57.7	722	BRL	78	40-140	9	30
Aroclor-1260 [2C]	**554**		µg/kg dry	57.7	722	BRL	77	40-140	9	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*43.3*		µg/kg dry		*57.7*		*75*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*46.2*		µg/kg dry		*57.7*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*86.6*		µg/kg dry		*57.7*		*150*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*80.8*		µg/kg dry		*57.7*		*140*	*30-150*		
Batch 1320213 - SW846 3540C										
Blank (1320213-BLK1)					Prepared: 22-Aug-13 Analyzed: 24-Aug-13					
Aroclor-1016	< 66.7		µg/kg wet	66.7						
Aroclor-1016 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1221	< 66.7		µg/kg wet	66.7						
Aroclor-1221 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1232	< 66.7		µg/kg wet	66.7						
Aroclor-1232 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1242	< 66.7		µg/kg wet	66.7						
Aroclor-1242 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1248	< 66.7		µg/kg wet	66.7						
Aroclor-1248 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1254	< 66.7		µg/kg wet	66.7						
Aroclor-1254 [2C]	< 68.7		µg/kg wet	66.7						
Aroclor-1260	< 66.7		µg/kg wet	66.7						
Aroclor-1260 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1262	< 66.7		µg/kg wet	66.7						
Aroclor-1262 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1268	< 66.7		µg/kg wet	66.7						
Aroclor-1268 [2C]	< 66.7		µg/kg wet	66.7						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*66.7*		µg/kg wet		*66.7*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*66.7*		µg/kg wet		*66.7*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*73.3*		µg/kg wet		*66.7*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*83.3*		µg/kg wet		*66.7*		*125*	*30-150*		
LCS (1320213-BS1)					Prepared: 22-Aug-13 Analyzed: 24-Aug-13					
Aroclor-1016	**747**		µg/kg wet	66.7	833		90	40-140		
Aroclor-1016 [2C]	**657**		µg/kg wet	66.7	833		79	40-140		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1320213 - SW846 3540C										
LCS (1320213-BS1)					Prepared: 22-Aug-13		Analyzed: 24-Aug-13			
Aroclor-1260	**757**		µg/kg wet	66.7	833		91	40-140		
Aroclor-1260 [2C]	**573**		µg/kg wet	66.7	833		69	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*70.0*		µg/kg wet		*66.7*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*66.7*		µg/kg wet		*66.7*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*90.0*		µg/kg wet		*66.7*		*135*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*70.0*		µg/kg wet		*66.7*		*105*	*30-150*		
LCS Dup (1320213-BSD1)					Prepared: 22-Aug-13		Analyzed: 24-Aug-13			
Aroclor-1016	**740**		µg/kg wet	66.7	833		89	40-140	0.9	30
Aroclor-1016 [2C]	**647**		µg/kg wet	66.7	833		78	40-140	2	30
Aroclor-1260	**740**		µg/kg wet	66.7	833		89	40-140	2	30
Aroclor-1260 [2C]	**550**		µg/kg wet	66.7	833		66	40-140	4	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*70.0*		µg/kg wet		*66.7*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*66.7*		µg/kg wet		*66.7*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*90.0*		µg/kg wet		*66.7*		*135*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*70.0*		µg/kg wet		*66.7*		*105*	*30-150*		
Duplicate (1320213-DUP1)			**Source: SB75393-23**		Prepared: 22-Aug-13		Analyzed: 24-Aug-13			
Aroclor-1016	< 55.7		µg/kg dry	55.7		BRL				30
Aroclor-1016 [2C]	< 55.7		µg/kg dry	55.7		BRL				30
Aroclor-1221	< 55.7		µg/kg dry	55.7		BRL				30
Aroclor-1221 [2C]	< 55.7		µg/kg dry	55.7		BRL				30
Aroclor-1232	< 55.7		µg/kg dry	55.7		BRL				30
Aroclor-1232 [2C]	< 55.7		µg/kg dry	55.7		BRL				30
Aroclor-1242	< 55.7		µg/kg dry	55.7		BRL				30
Aroclor-1242 [2C]	< 55.7		µg/kg dry	55.7		BRL				30
Aroclor-1248	< 55.7		µg/kg dry	55.7		BRL				30
Aroclor-1248 [2C]	< 55.7		µg/kg dry	55.7		BRL				30
Aroclor-1254	**167**	QM4	µg/kg dry	55.7		250			40	30
Aroclor-1254 [2C]	**148**	QM4	µg/kg dry	55.7		244			49	30
Aroclor-1260	< 55.7		µg/kg dry	55.7		BRL				30
Aroclor-1260 [2C]	< 55.7		µg/kg dry	55.7		BRL				30
Aroclor-1262	< 55.7		µg/kg dry	55.7		BRL				30
Aroclor-1262 [2C]	< 55.7		µg/kg dry	55.7		BRL				30
Aroclor-1268	< 55.7		µg/kg dry	55.7		BRL				30
Aroclor-1268 [2C]	< 55.7		µg/kg dry	55.7		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*39.0*		µg/kg dry		*55.7*		*70*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*33.4*		µg/kg dry		*55.7*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*58.5*		µg/kg dry		*55.7*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*41.8*		µg/kg dry		*55.7*		*75*	*30-150*		
Matrix Spike (1320213-MS1)			**Source: SB75393-23**		Prepared: 22-Aug-13		Analyzed: 24-Aug-13			
Aroclor-1016	**620**		µg/kg dry	62.0	775	BRL	80	40-140		
Aroclor-1016 [2C]	**518**		µg/kg dry	62.0	775	BRL	67	40-140		
Aroclor-1260	**679**		µg/kg dry	62.0	775	BRL	88	40-140		
Aroclor-1260 [2C]	**400**		µg/kg dry	62.0	775	BRL	52	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*62.0*		µg/kg dry		*62.0*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*55.8*		µg/kg dry		*62.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*86.8*		µg/kg dry		*62.0*		*140*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*65.1*		µg/kg dry		*62.0*		*105*	*30-150*		
Matrix Spike Dup (1320213-MSD1)			**Source: SB75393-23**		Prepared: 22-Aug-13		Analyzed: 24-Aug-13			
Aroclor-1016	**431**		µg/kg dry	51.9	649	BRL	66	40-140	19	30
Aroclor-1016 [2C]	**353**		µg/kg dry	51.9	649	BRL	54	40-140	20	30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1320213 - SW846 3540C										
Matrix Spike Dup (1320213-MSD1)			Source: SB75393-23		Prepared: 22-Aug-13 Analyzed: 24-Aug-13					
Aroclor-1260	**579**		µg/kg dry	51.9	649	BRL	89	40-140	2	30
Aroclor-1260 [2C]	**358**		µg/kg dry	51.9	649	BRL	55	40-140	7	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*51.9*		µg/kg dry		*51.9*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*49.3*		µg/kg dry		*51.9*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*90.9*	S02	µg/kg dry		*51.9*		*175*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*64.9*		µg/kg dry		*51.9*		*125*	*30-150*		
Batch 1320310 - SW846 3540C										
Blank (1320310-BLK1)						Prepared: 22-Aug-13 Analyzed: 24-Aug-13				
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*25.0*		µg/kg wet		*20.0*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
LCS (1320310-BS1)						Prepared: 22-Aug-13 Analyzed: 24-Aug-13				
Aroclor-1016	**226**		µg/kg wet	20.0	250		90	40-140		
Aroclor-1016 [2C]	**205**		µg/kg wet	20.0	250		82	40-140		
Aroclor-1260	**215**		µg/kg wet	20.0	250		86	40-140		
Aroclor-1260 [2C]	**197**		µg/kg wet	20.0	250		79	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.0*		µg/kg wet		*20.0*		*140*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1320226 - General Preparation										
Duplicate (1320226-DUP1)			Source: SB75393-01			Prepared & Analyzed: 22-Aug-13				
% Solids	99.6		%			99.6			0.01	20
Batch 1320227 - General Preparation										
Duplicate (1320227-DUP1)			Source: SB75393-21			Prepared & Analyzed: 22-Aug-13				
% Solids	99.3		%			99.3			0.006	20

Notes and Definitions

D	Data reported from a dilution
GS1	Sample dilution required for high concentration of target analytes to be within the instrument calibration range.
P	Difference between the two GC columns is greater than 40%.
QM4	Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.
R02	Elevated Reporting Limits due to limited sample volume.
S01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
June O'Connor

CTDAS Rates Apply

SB75303

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CHAIN OF CUSTODY RECORD

Page 1 of 8

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5-Day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Henry Laliberte
21 Griffin Rd North
Windsor, CT 06095

Telephone #: 860-298-6266
Project Mgr. Henry Laliberte

Invoice To: Same

P.O. No.: C183572 RQN:

Project No.: 183572.4445.0710
Site Name: Bradley International Airport
Location: Windsor Locks State: CT
Sampler(s): G Kaczynski, M Kostruba, Z Pedersen

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= X3=

G=Grab C=Composite

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/8540								State-specific reporting standards:
75303-01	IB-C3-C01-0"	8/16/13	0919	G	X1		1			X								Public corridor - outside 174
02	IB-C3-C02-0"	8/16/13	0931															Public corridor near entry 1
03	IB-GR1		0942															SW
04	IB-GR2		0944															SW
05	IB-GR3		0950															SW
06	IB-GR4		0952															SW
07	IB-GR5		0959															SC
08	IB-GR6		1003															SC
09	IB-GR7		1008															SC
10	IB-GR8		1012															SC

Relinquished by:	Received by: 8.20.13	Date:	Time:	Temp°C
[signature]	[signature] Fed Ex	8/19/13	1620	
[signature] Fed Ex	[signature]	8.20.13	9:00	
[signature]	Lamyak	8-2013	16:30	

☐ EDD Format
☒ E-mail to HLaliberte@trcsolutions.com
8.20.13

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☒ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

2.1-1/1.1 IR02

(CTDAS Rates Apply)

BB75393 JB

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CHAIN OF CUSTODY RECORD

Page 2 of 8

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5-Day
- All TATs subject to laboratory approval.
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- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same as page 1

Telephone #:

Project Mgr.

Invoice To: Same as page 1

P.O. No.: RQN:

Project No.: 183572.4445.0710

Site Name: Bradley International Airport

Location: Windsor Locks State: CT

Sampler(s): GK, MK, ZP

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= X3=

G=Grab C=Composite

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540C	State-specific reporting standards:
75393-11	IB-GR9	8/16/13	1015	G	X1		1			X	SC
12	IB-GR10		1019								SC
13	IB-GR14		1058								SW
14	IB-GR13		1102								SW
15	IB-GR12		1105								SW
16	IB-GR11		1140								SW
17	IB-C3-C03-0"		1117								Public corridor near entry 2
18	IB-C2-Gr1-3"		1136								B23 area
19	IB-C2-Gr1-0"		1138								~~Area~~ B23 Area
20	IB-C2-GR2-3"		1207								Area 3

Relinquished by:	Received by:	Date:	Time:	Temp°C
	Trip	8/19/13	1620	
Trip	[illegible]	8-20-13	9a	
[illegible]	[illegible]	8-20-13	16:20	

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Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

21/[illegible]/11 R02

(CTDAS Rate Apply)

3B75893

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CHAIN OF CUSTODY RECORD

Page 3 of 8

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5-Day
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Report To: Same as page 1

Telephone #:

Project Mgr.

Invoice To: Same as page 1

P.O. No.: RQN:

Project No.: 183572.4445.0710

Site Name: Bradley International Airport

Location: Windsor Locks State: CT

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1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

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O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= X3=

G=Grab C=Composite

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		Analyses: 8082/3540C							State-specific reporting standards:
75893-21	IB-C2-GR2-0"	8/16/13	1210	G	X1		1				X							Area 3
22	IB-C2-C07-3"		1350															Elevated North Window
23	IB-C2-C07-0"		1355															Elevated North Window
24	IB-C2-C08-3"		1406															Elevated South Window
25	IB-C2-C08-0"		1409															Elevated South Window
26	IB-C2-C09-3"		1423															Elevated South Joint
27	IB-C2-C09-0"		1425															Elevated South Joint
28	IB-C2-C010-3"		1509															Elevated NW 1
29	IB-C2-C010-0"		1513															Elevated NW 1
30	IB-C2-C011-3"		1519															Elevated NW2

Relinquished by:	Received by:	Date:	Time:	Temp°C
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[illegible]	[illegible]	8 20 13	9:00	
[illegible]	[illegible]	8-20-13	1600	

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☒ E-mail to Same as page 1

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

2-1 1-1 1-2 IR 02

CTDAS Rates Apply

SB75393 JB

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Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 4 of 8

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5-Day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same as page 1

Telephone #:

Project Mgr.

Invoice To: Same as page 1

P.O. No.: RQN:

Project No.: 183572.4445.0710

Site Name: Bradley International Airport

Location: Windsor Locks State: CT

Sampler(s): GK, MK; ZP

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= ~~Aqueous~~ Hexane X3=

G=Grab C=Composite

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540C	State-specific reporting standards:
75393-31	IB-C2-C011-0"	8/16/13	1522	G	X1		1			X	Elevated NW2
32	IB-C2-C012-3"	↓	1530	↓	↓		1			↓	Elevated SW wall
33	IB-C2-C012-0"	↓	1534	↓	↓			1		↓	Elevated SW wall
34	Drill Bit Decon	↓	1540	↓	X2			1		↓	Drill Bit
35	IB-C2-C013-3"	8/19/13	0947	↓	X1		1			↓	Roof West Joint
36	IB-C2-C013-0"	↓	0952	↓	↓		↓			↓	Roof West Joint
37	IB-C2-BR2-3"	↓	1007	↓	↓		↓			↓	Roof West Joint
38	IB-C2-BR2-0"	↓	1014	↓	↓		↓			↓	Roof West Joint
39	IB-C2-C014-3"	↓	1029	↓	↓		↓			↓	Roof South Joint
40	IB-C2-C014-0"	↓	1034	↓	↓		↓			↓	Roof South Joint

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	8/19/13	1620	
[signature]	[signature]	8 20 13	9:00	
[signature]	[signature]	8-20-13	16:30	

☐ EDD Format
☒ E-mail to Same as page 1

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

2-1/-1/11 IR02

CTDAS Rates [redacted]ly

SB[redacted]393

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 5 of 8

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
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Report To: Same as page 1

Telephone #:

Project Mgr.

Invoice To: Same as page 1

P.O. No.: RQN:

Project No.: 183572.4445.0710

Site Name: Bradley International Airport

Location: Windsor Locks State: CT

Sampler(s): GK, MK, ZP

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= X3=

G=Grab C=Composite

Containers: # of VOA Vials; # of Amber Glass; # of Clear Glass; # of Plastic

Analyses: 8082/3540C

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540C	
75393-41	IB-C2-C015-3"	8/19/13	1052	G	X1		1			X	Roof South Joint
42	IB-C2-C015-0"		1056								Roof South Joint
43	IB-C2-C016-3"		1109								Roof South Joint
44	IB-C2-C016-0"		1112								Roof South Joint
45	IB-C2-GR1-12"	8/16/13	1130								B23 Area
46	IB-C2-GR1-6"		1134								B23 Area
47	IB-C2-GR2-12"		1200								Area 3
48	IB-C2-GR2-6"		1204								Area 3
49	IB-C2-C07-12"		1340								Elevated North Window
50	IB-C2-C07-6"		1345								Elevated North Window

Hold samples!! Do not run without prior authorization from TRC

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	8/19/13	1630	
[signature]	[signature]	8 20 13	9AM	
[signature]	[signature]	8-20-2013	16:30	

☐ EDD Format

☒ E-mail to Same as page 1

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

21-1-11 IR 02

CTDAS Rates Apply

SB75393 JB

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 6 of 9

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5-Day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same as page 1

Telephone #:

Project Mgr.

Invoice To: Same as page 1

P.O. No.: RQN:

Project No.: 183572.4445.0710

Site Name: Bradley International Airport

Location: Windsor Locks State: CT

Sampler(s): GK, MK, ZP

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= X3=

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analyses: 8082/3540C

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540C	State-specific reporting standards:
75393-51	IB-C2-008-12"	8/16/13	1400	G	X1		1			X	Elevated South Window
52	IB-C2-008-6"		1403								Elevated South Window
53	IB-C2-009-12"		1415								Elevated South Joint
54	IB-C2-009-6"		1420								Elevated South Joint
55	IB-C2-010-12"		1500								Elevated NW1
56	IB-C2-010-6"		1503								Elevated NW1
57	IB-C2-011-12"		1512								Elevated NW2
58	IB-C2-011-6"		1517								Elevated NW2
59	IB-C2-012-12"		~~1512~~ 1525								Elevated SW Wall
60	IB-C2-012-6"		1527								Elevated SW Wall

Hold Samples!!! Do not run without prior authorization from TRC!

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	8/19/13	1620	
[signature]	[signature]	8 20 13	1N	
[signature]	[signature]	8-20-13	16:20	

☐ EDD Format
☒ E-mail to Same as page 1

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

21/1/1 IR22

(CT DAS Rot Apply)

SB75393 JB

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 7 of 8

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
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Report To: Same as page 1

Telephone #:

Project Mgr.

Invoice To: Same as page 1

P.O. No.: RQN:

Project No.: 183572.4445.0710

Site Name: Bradley International Airport

Location: Windsor Locks State: CT

Sampler(s): GK, MK, ZP

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= X3=

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analyses: 8082/3540C

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540C	State-specific reporting standards:
75393-61	IB-C2-C013-12"	8/19/13	0939	G	XL		1			X	Roof West Joint
62	IB-C2-C013-6"		0943								Roof West Joint
63	IB-C2-BC2-12"		0959								Roof West Joint
64	IB-C2-BC2-6"		1003								Roof West Joint
65	IB-C2-C014-12"		1020								Roof South Joint
66	IB-C2-C014-6"		1025								Roof South Joint
67	IB-C2-C015-12"		1044								Roof South Joint
68	IB-C2-C015-6"		1048								Roof South Joint
69	IB-C2-C016-12"		1100								Roof South Joint
70	IB-C2-C016-6"		1104								Roof South Joint

Hold Samples!!! Do not run without prior authorization from TRC!

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	8/19/13	1620	
[signature]	[signature]	8 20 13	9a	
[signature]	[signature]	8-20-13	1620	

☐ EDD Format

☒ E-mail to Same as page 1

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

21/-1/1-1 IR02

Report Date:
05-Sep-13 12:54

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

IAB #3

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: BIA-Concourse A-Windsor Locks, CT
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB75962-01	IAB-C2-CO17-0"	Concrete	29-Aug-13 14:36	30-Aug-13 16:35
SB75962-02	IAB-C2-CO17-3"	Concrete	29-Aug-13 14:32	30-Aug-13 16:35
SB75962-03	IAB-C2-CO17-6"	Concrete	29-Aug-13 14:27	30-Aug-13 16:35
SB75962-04	IAB-C2-CO17-12"	Concrete	29-Aug-13 14:24	30-Aug-13 16:35
SB75962-05	IB-C54	Concrete	29-Aug-13 15:35	30-Aug-13 16:35
SB75962-06	IB-C55	Concrete	29-Aug-13 15:40	30-Aug-13 16:35
SB75962-07	IB-C56	Concrete	29-Aug-13 16:15	30-Aug-13 16:35
SB75962-08	IB-C57	Concrete	29-Aug-13 16:10	30-Aug-13 16:35

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 14 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: BIA-Concourse A-Windsor Locks, CT

Project Number: 183572.4445.0710

Sampling Date(s):
8/29/2013

Laboratory Sample ID(s):
SB75962-01 through SB75962-08

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	✓ Yes	No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	Yes	✓ No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 9/5/2013

CASE NARRATIVE:

The samples were received 1.4 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

There is no relevant protocol-specific QC and/or performance standards non-conformances to report.

Sample Acceptance Check Form

Client:	TRC - Windsor, CT
Project:	BIA-Concourse A-Windsor Locks, CT / 183572.4445.0710
Work Order:	SB75962
Sample(s) received on:	8/30/2013
Received by:	Jessica Hoffman

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
1. Were custody seals present?	☐	☑	☐
2. Were custody seals intact?	☐	☐	☑
3. Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
4. Were samples cooled on ice upon transfer to laboratory representative?	☑	☐	☐
5. Were samples refrigerated upon transfer to laboratory representative?	☐	☑	☐
6. Were sample containers received intact?	☑	☐	☐
7. Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
8. Were samples accompanied by a Chain of Custody document?	☑	☐	☐
9. Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☑	☐	☐
10. Did sample container labels agree with Chain of Custody document?	☑	☐	☐
11. Were samples received within method-specific holding times?	☑	☐	☐

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IAB-C2-CO17-0"	183572.4445.0710	Concrete	29-Aug-13 14:36	30-Aug-13
SB75962-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.4		µg/kg dry	65.4	48.9	1	SW846 8082A	30-Aug-13	03-Sep-13	IMR	1321030	X
11104-28-2	Aroclor-1221	< 65.4		µg/kg dry	65.4	59.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.4		µg/kg dry	65.4	42.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.4		µg/kg dry	65.4	39.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.4		µg/kg dry	65.4	34.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	7,500		µg/kg dry	65.4	54.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.4		µg/kg dry	65.4	40.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.4		µg/kg dry	65.4	60.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.4		µg/kg dry	65.4	27.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321100	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IAB-C2-CO17-3"	183572.4445.0710	Concrete	29-Aug-13 14:32	30-Aug-13
SR75962-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.9		µg/kg dry	62.9	46.9	1	SW846 8082A	30-Aug-13	03-Sep-13	IMR	1321030	X
11104-28-2	Aroclor-1221	< 62.9		µg/kg dry	62.9	56.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.9		µg/kg dry	62.9	40.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.9		µg/kg dry	62.9	37.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.9		µg/kg dry	62.9	32.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	594		µg/kg dry	62.9	36.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.9		µg/kg dry	62.9	39.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.9		µg/kg dry	62.9	58.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.9		µg/kg dry	62.9	25.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321100	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IAB-C2-CO17-6"	183572.4445.0710	Concrete	29-Aug-13 14:27	30-Aug-13
SB75962-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.8		µg/kg dry	64.8	48.4	1	SW846 8082A	30-Aug-13	03-Sep-13	IMR	1321030	X
11104-28-2	Aroclor-1221	< 64.8		µg/kg dry	64.8	58.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.8		µg/kg dry	64.8	41.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.8		µg/kg dry	64.8	38.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.8		µg/kg dry	64.8	33.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	240		µg/kg dry	64.8	54.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.8		µg/kg dry	64.8	40.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.8		µg/kg dry	64.8	60.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.8		µg/kg dry	64.8	26.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321100	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IAB-C2-CO17-12"	183572.4445.0710	Concrete	29-Aug-13 14:24	30-Aug-13
SB75962-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.4		µg/kg dry	65.4	48.8	1	SW846 8082A	30-Aug-13	03-Sep-13	IMR	1321030	X
11104-28-2	Aroclor-1221	< 65.4		µg/kg dry	65.4	58.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.4		µg/kg dry	65.4	42.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.4		µg/kg dry	65.4	39.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.4		µg/kg dry	65.4	34.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	235		µg/kg dry	65.4	38.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.4		µg/kg dry	65.4	40.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.4		µg/kg dry	65.4	60.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.4		µg/kg dry	65.4	27.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.6		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321100	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C54				
SB75962-05	183572.4445.0710	Concrete	29-Aug-13 15:35	30-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.4		µg/kg dry	59.4	44.4	1	SW846 8082A	30-Aug-13	03-Sep-13	IMR	1321030	X
11104-28-2	Aroclor-1221	< 59.4		µg/kg dry	59.4	53.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.4		µg/kg dry	59.4	38.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.4		µg/kg dry	59.4	35.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.4		µg/kg dry	59.4	30.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 59.4		µg/kg dry	59.4	49.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 59.4		µg/kg dry	59.4	36.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.4		µg/kg dry	59.4	55.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.4		µg/kg dry	59.4	24.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321100	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1B-C55	183572.4445.0710	Concrete	29-Aug-13 15:40	30-Aug-13
SB75962-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 58.8		µg/kg dry	58.8	43.9	1	SW846 8082A	30-Aug-13	03-Sep-13	IMR	1321030	X
11104-28-2	Aroclor-1221	< 58.8		µg/kg dry	58.8	53.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 58.8		µg/kg dry	58.8	37.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 58.8		µg/kg dry	58.8	35.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 58.8		µg/kg dry	58.8	30.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 58.8		µg/kg dry	58.8	49.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 58.8		µg/kg dry	58.8	36.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 58.8		µg/kg dry	58.8	54.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 58.8		µg/kg dry	58.8	24.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.2		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321100	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C56	183572.4445.0710	Concrete	29-Aug-13 16:15	30-Aug-13
SB75962-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.2		µg/kg dry	60.2	45.0	1	SW846 8082A	30-Aug-13	03-Sep-13	IMR	1321030	X
11104-28-2	Aroclor-1221	< 60.2		µg/kg dry	60.2	54.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.2		µg/kg dry	60.2	38.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.2		µg/kg dry	60.2	36.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.2		µg/kg dry	60.2	31.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.2		µg/kg dry	60.2	50.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.2		µg/kg dry	60.2	37.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.2		µg/kg dry	60.2	56.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.2		µg/kg dry	60.2	24.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	95.8		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321100	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C57	183572.4445.0710	Concrete	29-Aug-13 16:10	30-Aug-13
S[illegible]962-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 53.7		µg/kg dry	53.7	40.1	1	SW846 8082A	30-Aug-13	03-Sep-13	IMR	1321030	X
11104-28-2	Aroclor-1221	< 53.7		µg/kg dry	53.7	48.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 53.7		µg/kg dry	53.7	34.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 53.7		µg/kg dry	53.7	32.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 53.7		µg/kg dry	53.7	27.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 53.7		µg/kg dry	53.7	44.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 53.7		µg/kg dry	53.7	33.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 53.7		µg/kg dry	53.7	50.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 53.7		µg/kg dry	53.7	22.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	95.8		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321100	

This laboratory report is not valid without an authorized signature on the cover page.

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1321030 - SW846 3540C										
Blank (1321030-BLK1)					Prepared: 30-Aug-13 Analyzed: 03-Sep-13					
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
LCS (1321030-BS1)					Prepared: 30-Aug-13 Analyzed: 03-Sep-13					
Aroclor-1016	**169**		µg/kg wet	20.0	250		68	40-140		
Aroclor-1016 [2C]	**183**		µg/kg wet	20.0	250		73	40-140		
Aroclor-1260	**175**		µg/kg wet	20.0	250		70	40-140		
Aroclor-1260 [2C]	**218**		µg/kg wet	20.0	250		87	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.0*		µg/kg wet		*20.0*		*140*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
LCS Dup (1321030-BSD1)					Prepared: 30-Aug-13 Analyzed: 03-Sep-13					
Aroclor-1016	**176**		µg/kg wet	20.0	250		70	40-140	4	30
Aroclor-1016 [2C]	**187**		µg/kg wet	20.0	250		75	40-140	2	30
Aroclor-1260	**146**		µg/kg wet	20.0	250		58	40-140	18	30
Aroclor-1260 [2C]	**185**		µg/kg wet	20.0	250		74	40-140	16	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		

Notes and Definitions

dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
Nicole Leja

CT DAS Rates Apply

SB75962 JLH

SPECTRUM ANALYTICAL, INC.
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CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: 3day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Henry LaLiberte
TRC Environmental
21 Griffin Rd North
Windsor, CT 06095
Telephone #: 860-298-6246
Project Mgr. Henry LaLiberte

Invoice To: (Same as Report)
P.O. No.: C183572 RQN:

Project No.: 183572.4445.0210
Site Name: BIA - IAB
Location: Windsor Locks State: CT
Sampler(s): G. Kaczynski / M. Kostka

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= COO 12=

List preservative code below: 11

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= X3=

G=Grab C=Composite

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☑ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards: MT 1st - PCA

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540C							State-specific reporting standards
SB75962-01	IAB-C2-C017-0"	8/29/13	1436	G	X1			1		X							MT 1st - PCA
02	IAB-C2-C017-3"		1432							X							
03	IAB-C2-C017-6"		1427							X							
04	IAB-C2-C017-12"		1424							X							
05	IB-C54		1535							X							Ext-1st Flr-O/s entry 1
06	IB-C55		1540							X							
07	IB-C56		1615							X							Ext-1st Flr-O/s entry 2
08	IB-C57		1610							X							

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	8/30/13	1:50	
	JLH	8/30/13	1635	

☐ EDD Format
☒ E-mail to HLaliberte@TRCsolutions.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☑ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

24/1/24 IR 01

Report Date:
19-Sep-13 15:08

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: Conn DOT - Windsor Locks, CT
Project #: 183572.4445.00710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB76862-01	IB-C2-CO18-12"	Concrete	13-Sep-13 08:20	17-Sep-13 16:35
SB76862-02	IB-C2-CO18-6"	Concrete	13-Sep-13 08:23	17-Sep-13 16:35
SB76862-03	IB-C2-CO18-3"	Concrete	13-Sep-13 08:28	17-Sep-13 16:35
SB76862-04	IB-C2-CO18-0"	Concrete	13-Sep-13 08:35	17-Sep-13 16:35
SB76862-05	IB-C2-CO19-12"	Concrete	13-Sep-13 08:45	17-Sep-13 16:35
SB76862-06	IB-C2-CO19-6"	Concrete	13-Sep-13 08:48	17-Sep-13 16:35
SB76862-07	IB-C2-CO19-3"	Concrete	13-Sep-13 08:54	17-Sep-13 16:35
SB76862-08	IB-C2-CO19-0"	Concrete	13-Sep-13 09:01	17-Sep-13 16:35
SB76862-09	IB-C3-GR1-0"	Concrete	13-Sep-13 09:12	17-Sep-13 16:35
SB76862-10	IB-C3-BR7-0"	Brick	13-Sep-13 09:22	17-Sep-13 16:35
SB76862-11	IB-C3-BR8-0"	Brick	13-Sep-13 10:40	17-Sep-13 16:35
SB76862-12	IB-C3-BR9-0"	Brick	13-Sep-13 10:55	17-Sep-13 16:35
SB76862-13	IB-C4B-BR1-16"	Brick	13-Sep-13 10:25	17-Sep-13 16:35
SB76862-14	IB-C4B-BR1-20"	Brick	13-Sep-13 10:32	17-Sep-13 16:35

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 24 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

State Of Connecticut
Department of Environmental Protection
Laboratory Quality Control and Quality Assurance Form

Laboratory Name: Spectrum Analytical, Inc.

Project Location: Conn DOT - Windsor Locks, CT

Project Name and Number: Conn DOT - Windsor Locks, CT / 183572.4445.00710

This form provides certification for the following data set: SB76862-01 through SB76862-14

Sample matrices:	**Analytical methods used:**
Brick	SM2540 G Mod.
Concrete	SW846 8082A

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain of Custody documentation for the data set?	☑ Yes	☐ No
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed?	☑ Yes	☐ No
C	Were all QC performance standards and recommendations for the specified methods achieved?	☑ Yes	☐ No
D	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☑ Yes	☐ No *

* The compounds and/or elements reported are as specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

Negative responses for A, B and C are addressed in a case narrative on the cover page of this report.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 9/19/2013

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: Conn DOT - Windsor Locks, CT

Project Number: 183572.4445.00710

Sampling Date(s):
9/13/2013

Laboratory Sample ID(s):
SB76862-01 through SB76862-14

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	Yes	✓ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	✓ Yes	No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 9/19/2013

CASE NARRATIVE:

The samples were received 2.7 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8082A

Duplicates:

1322434-DUP1 *Source: SB76862-01*

RPD out of acceptance range.

Aroclor-1254 [2C]

Samples:

SB76862-04 *IB-C2-CO18-0"*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB76862-08 *IB-C2-CO19-0"*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

Sample Acceptance Check Form

Client:	TRC - Windsor, CT
Project:	Conn DOT - Windsor Locks, CT / 183572.4445.00710
Work Order:	SB76862
Sample(s) received on:	9/17/2013
Received by:	Jessica Hoffman

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
1. Were custody seals present?	☐	☑	☐
2. Were custody seals intact?	☐	☐	☑
3. Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
4. Were samples cooled on ice upon transfer to laboratory representative?	☐	☑	☐
5. Were samples refrigerated upon transfer to laboratory representative?	☑	☐	☐
6. Were sample containers received intact?	☑	☐	☐
7. Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
8. Were samples accompanied by a Chain of Custody document?	☑	☐	☐
9. Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☑	☐	☐
10. Did sample container labels agree with Chain of Custody document?	☑	☐	☐
11. Were samples received within method-specific holding times?	☑	☐	☐

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-CO18-12"	183572.4445.00710	Concrete	13-Sep-13 08:20	17-Sep-13
[illegible]862-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 58.8		µg/kg dry	58.8	43.9	1	SW846 8082A	17-Sep-13	18-Sep-13	BLM	1322434	X
11104-28-2	Aroclor-1221	< 58.8		µg/kg dry	58.8	53.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 58.8		µg/kg dry	58.8	37.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 58.8		µg/kg dry	58.8	35.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 58.8		µg/kg dry	58.8	30.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	138		µg/kg dry	58.8	49.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 58.8		µg/kg dry	58.8	36.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 58.8		µg/kg dry	58.8	54.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 58.8		µg/kg dry	58.8	24.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*40*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322512	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1B-C2-CO18-6"	183572.4445.00710	Concrete	13-Sep-13 08:23	17-Sep-13
SB76862-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 54.8		µg/kg dry	54.8	41.0	1	SW846 8082A	17-Sep-13	18-Sep-13	BLM	1322434	X
11104-28-2	Aroclor-1221	< 54.8		µg/kg dry	54.8	49.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 54.8		µg/kg dry	54.8	35.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 54.8		µg/kg dry	54.8	33.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 54.8		µg/kg dry	54.8	28.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	156		µg/kg dry	54.8	32.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 54.8		µg/kg dry	54.8	34.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 54.8		µg/kg dry	54.8	51.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 54.8		µg/kg dry	54.8	22.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322512	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-CO18-3"	183572.4445.00710	Concrete	13-Sep-13 08:28	17-Sep-13
[redacted]862-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.4		µg/kg dry	59.4	44.4	1	SW846 8082A	17-Sep-13	18-Sep-13	BLM	1322434	X
11104-28-2	Aroclor-1221	< 59.4		µg/kg dry	59.4	53.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.4		µg/kg dry	59.4	38.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.4		µg/kg dry	59.4	35.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.4		µg/kg dry	59.4	30.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	1,920		µg/kg dry	59.4	34.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	104		µg/kg dry	59.4	29.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.4		µg/kg dry	59.4	55.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.4		µg/kg dry	59.4	24.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322512	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-CO18-0"	183572.4445.00710	Concrete	13-Sep-13 08:35	17-Sep-13
SB76862-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 523	D	µg/kg dry	523	391	10	SW846 8082A	17-Sep-13	19-Sep-13	BLM	1322434	X
11104-28-2	Aroclor-1221	< 523	D	µg/kg dry	523	472	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 523	D	µg/kg dry	523	336	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 523	D	µg/kg dry	523	315	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 523	D	µg/kg dry	523	272	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	16,400	D	µg/kg dry	523	436	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 523	D	µg/kg dry	523	325	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 523	D	µg/kg dry	523	488	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 523	D	µg/kg dry	523	216	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322512	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-CO19-12"	183572.4445.00710	Concrete	13-Sep-13 08:45	17-Sep-13
[redacted]862-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.1		µg/kg dry	60.1	44.9	1	SW846 8082A	17-Sep-13	18-Sep-13	BLM	1322434	X
11104-28-2	Aroclor-1221	< 60.1		µg/kg dry	60.1	54.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.1		µg/kg dry	60.1	38.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.1		µg/kg dry	60.1	36.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.1		µg/kg dry	60.1	31.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	123		µg/kg dry	60.1	35.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.1		µg/kg dry	60.1	37.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.1		µg/kg dry	60.1	56.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.1		µg/kg dry	60.1	24.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*40*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322512	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-CO19-6" SB76862-06	183572.4445.00710	Concrete	13-Sep-13 08:48	17-Sep-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.1		µg/kg dry	60.1	44.9	1	SW846 8082A	17-Sep-13	18-Sep-13	BLM	1322434	X
11104-28-2	Aroclor-1221	< 60.1		µg/kg dry	60.1	54.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.1		µg/kg dry	60.1	38.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.1		µg/kg dry	60.1	36.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.1		µg/kg dry	60.1	31.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	177		µg/kg dry	60.1	35.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.1		µg/kg dry	60.1	37.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.1		µg/kg dry	60.1	56.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.1		µg/kg dry	60.1	24.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322512	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-CO19-3"	183572.4445.00710	Concrete	13-Sep-13 08:54	17-Sep-13
[redacted]362-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.2		µg/kg dry	66.2	49.5	1	SW846 8082A	17-Sep-13	18-Sep-13	BLM	1322434	X
11104-28-2	Aroclor-1221	< 66.2		µg/kg dry	66.2	59.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.2		µg/kg dry	66.2	42.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.2		µg/kg dry	66.2	39.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.2		µg/kg dry	66.2	34.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	3,060		µg/kg dry	66.2	38.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.2		µg/kg dry	66.2	41.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.2		µg/kg dry	66.2	61.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.2		µg/kg dry	66.2	27.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322512	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C2-CO19-0"	183572.4445.00710	Concrete	13-Sep-13 09:01	17-Sep-13
SB76862-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls			GS1										
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 515	D	µg/kg dry	515	384	10	SW846 8082A	17-Sep-13	19-Sep-13	BLM	1322434	X
11104-28-2	Aroclor-1221	< 515	D	µg/kg dry	515	464	10	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 515	D	µg/kg dry	515	330	10	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 515	D	µg/kg dry	515	310	10	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 515	D	µg/kg dry	515	268	10	"	"	"	"	"	X
11097-69-1	Aroclor-1254	31,000	D	µg/kg dry	515	429	10	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 515	D	µg/kg dry	515	319	10	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 515	D	µg/kg dry	515	479	10	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 515	D	µg/kg dry	515	212	10	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322512	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C3-GR1-0"	183572.4445.00710	Concrete	13-Sep-13 09:12	17-Sep-13
[redacted]862-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 58.1		µg/kg dry	58.1	43.4	1	SW846 8082A	17-Sep-13	18-Sep-13	BLM	1322434	X
11104-28-2	Aroclor-1221	< 58.1		µg/kg dry	58.1	52.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 58.1		µg/kg dry	58.1	37.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 58.1		µg/kg dry	58.1	35.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 58.1		µg/kg dry	58.1	30.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	296		µg/kg dry	58.1	34.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 58.1		µg/kg dry	58.1	36.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 58.1		µg/kg dry	58.1	54.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 58.1		µg/kg dry	58.1	24.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322512	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
1B-C3-BR7-0"	183572.4445.00710	Brick	13-Sep-13 09:22	17-Sep-13
SB76862-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.8		µg/kg dry	57.8	43.2	1	SW846 8082A	17-Sep-13	18-Sep-13	BLM	1322434	X
11104-28-2	Aroclor-1221	< 57.8		µg/kg dry	57.8	52.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.8		µg/kg dry	57.8	37.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.8		µg/kg dry	57.8	34.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.8		µg/kg dry	57.8	30.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	121		µg/kg dry	57.8	33.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.8		µg/kg dry	57.8	35.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 57.8		µg/kg dry	57.8	53.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.8		µg/kg dry	57.8	23.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322512	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C3-BR8-0"	183572.4445.00710	Brick	13-Sep-13 10:40	17-Sep-13
[redacted]62-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.3		µg/kg dry	62.3	46.5	1	SW846 8082A	17-Sep-13	18-Sep-13	BLM	1322434	X
11104-28-2	Aroclor-1221	< 62.3		µg/kg dry	62.3	56.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.3		µg/kg dry	62.3	40.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.3		µg/kg dry	62.3	37.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.3		µg/kg dry	62.3	32.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.3		µg/kg dry	62.3	51.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.3		µg/kg dry	62.3	38.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.3		µg/kg dry	62.3	58.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.3		µg/kg dry	62.3	25.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322512	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C3-BR9-0" SB76862-12	183572.4445.00710	Brick	13-Sep-13 10:55	17-Sep-13

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 56.2		µg/kg dry	56.2	42.0	1	SW846 8082A	17-Sep-13	18-Sep-13	BLM	1322434	X
11104-28-2	Aroclor-1221	< 56.2		µg/kg dry	56.2	50.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 56.2		µg/kg dry	56.2	36.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 56.2		µg/kg dry	56.2	33.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 56.2		µg/kg dry	56.2	29.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 56.2		µg/kg dry	56.2	46.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 56.2		µg/kg dry	56.2	34.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 56.2		µg/kg dry	56.2	52.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 56.2		µg/kg dry	56.2	23.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.9		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322512	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C4B-BR1-16"	183572.4445.00710	Brick	13-Sep-13 10:25	17-Sep-13
[redacted]62-13				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.1		µg/kg dry	57.1	42.6	1	SW846 8082A	17-Sep-13	18-Sep-13	BLM	1322434	X
11104-28-2	Aroclor-1221	< 57.1		µg/kg dry	57.1	51.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.1		µg/kg dry	57.1	36.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.1		µg/kg dry	57.1	34.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.1		µg/kg dry	57.1	29.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	422		µg/kg dry	57.1	33.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.1		µg/kg dry	57.1	35.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 57.1		µg/kg dry	57.1	53.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.1		µg/kg dry	57.1	23.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322512	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IB-C4B-BR1-20"	183572.4445.00710	Brick	13-Sep-13 10:32	17-Sep-13
SB76862-14				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.3		µg/kg dry	63.3	47.3	1	SW846 8082A	17-Sep-13	18-Sep-13	BLM	1322434	X
11104-28-2	Aroclor-1221	< 63.3		µg/kg dry	63.3	57.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.3		µg/kg dry	63.3	40.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.3		µg/kg dry	63.3	38.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.3		µg/kg dry	63.3	32.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	288		µg/kg dry	63.3	37.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.3		µg/kg dry	63.3	39.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.3		µg/kg dry	63.3	59.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.3		µg/kg dry	63.3	26.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	18-Sep-13	18-Sep-13	DT	1322512	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1322434 - SW846 3540C										
Blank (1322434-BLK1)						Prepared: 17-Sep-13 Analyzed: 18-Sep-13				
Aroclor-1016	< 66.7		µg/kg wet	66.7						
Aroclor-1016 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1221	< 66.7		µg/kg wet	66.7						
Aroclor-1221 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1232	< 66.7		µg/kg wet	66.7						
Aroclor-1232 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1242	< 66.7		µg/kg wet	66.7						
Aroclor-1242 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1248	< 66.7		µg/kg wet	66.7						
Aroclor-1248 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1254	< 66.7		µg/kg wet	66.7						
Aroclor-1254 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1260	< 66.7		µg/kg wet	66.7						
Aroclor-1260 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1262	< 66.7		µg/kg wet	66.7						
Aroclor-1262 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1268	< 66.7		µg/kg wet	66.7						
Aroclor-1268 [2C]	< 66.7		µg/kg wet	66.7						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C[	*66.7*		µg/kg wet		*66.7*		*100*	*30-150*		
LCS (1322434-BS1)						Prepared: 17-Sep-13 Analyzed: 18-Sep-13				
Aroclor-1016	**813**		µg/kg wet	66.7	833		98	40-140		
Aroclor-1016 [2C]	**833**		µg/kg wet	66.7	833		100	40-140		
Aroclor-1260	**657**		µg/kg wet	66.7	833		79	40-140		
Aroclor-1260 [2C]	**1050**		µg/kg wet	66.7	833		126	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*80.0*		µg/kg wet		*66.7*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*66.7*		µg/kg wet		*66.7*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*100*		µg/kg wet		*66.7*		*150*	*30-150*		
LCS Dup (1322434-BSD1)						Prepared: 17-Sep-13 Analyzed: 18-Sep-13				
Aroclor-1016	**813**		µg/kg wet	66.7	833		98	40-140	0	30
Aroclor-1016 [2C]	**853**		µg/kg wet	66.7	833		102	40-140	2	30
Aroclor-1260	**720**		µg/kg wet	66.7	833		86	40-140	9	30
Aroclor-1260 [2C]	**1090**		µg/kg wet	66.7	833		131	40-140	4	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*83.3*		µg/kg wet		*66.7*		*125*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*73.3*		µg/kg wet		*66.7*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*100*		µg/kg wet		*66.7*		*150*	*30-150*		
Duplicate (1322434-DUP1)			**Source: SB76862-01**			Prepared: 17-Sep-13 Analyzed: 18-Sep-13				
Aroclor-1016	< 59.3		µg/kg dry	59.3		BRL				30
Aroclor-1016 [2C]	< 59.3		µg/kg dry	59.3		BRL				30
Aroclor-1221	< 59.3		µg/kg dry	59.3		BRL				30
Aroclor-1221 [2C]	< 59.3		µg/kg dry	59.3		BRL				30
Aroclor-1232	< 59.3		µg/kg dry	59.3		BRL				30
Aroclor-1232 [2C]	< 59.3		µg/kg dry	59.3		BRL				30
Aroclor-1242	< 59.3		µg/kg dry	59.3		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1322434 - SW846 3540C										
Duplicate (1322434-DUP1)			**Source: SB76862-01**		Prepared: 17-Sep-13 Analyzed: 18-Sep-13					
Aroclor-1242 [2C]	< 59.3		µg/kg dry	59.3		BRL				30
Aroclor-1248	< 59.3		µg/kg dry	59.3		BRL				30
Aroclor-1248 [2C]	< 59.3		µg/kg dry	59.3		BRL				30
Aroclor-1254	**175**		µg/kg dry	59.3		138			23	30
Aroclor-1254 [2C]	**172**	QR5	µg/kg dry	59.3		115			40	30
Aroclor-1260	< 59.3		µg/kg dry	59.3		BRL				30
Aroclor-1260 [2C]	< 59.3		µg/kg dry	59.3		BRL				30
Aroclor-1262	< 59.3		µg/kg dry	59.3		BRL				30
Aroclor-1262 [2C]	< 59.3		µg/kg dry	59.3		BRL				30
Aroclor-1268	< 59.3		µg/kg dry	59.3		BRL				30
Aroclor-1268 [2C]	< 59.3		µg/kg dry	59.3		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*38.5*		µg/kg dry		*59.3*		*65*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*35.6*		µg/kg dry		*59.3*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*32.6*		µg/kg dry		*59.3*		*55*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*41.5*		µg/kg dry		*59.3*		*70*	*30-150*		
Matrix Spike (1322434-MS1)			**Source: SB76862-01**		Prepared: 17-Sep-13 Analyzed: 18-Sep-13					
Aroclor-1016	**548**		µg/kg dry	57.4	717	BRL	76	40-140		
Aroclor-1016 [2C]	**473**		µg/kg dry	57.4	717	BRL	66	40-140		
Aroclor-1260	**442**		µg/kg dry	57.4	717	BRL	62	40-140		
Aroclor-1260 [2C]	**488**		µg/kg dry	57.4	717	BRL	68	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*40.1*		µg/kg dry		*57.4*		*70*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*40.1*		µg/kg dry		*57.4*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*37.3*		µg/kg dry		*57.4*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*43.0*		µg/kg dry		*57.4*		*75*	*30-150*		
Matrix Spike Dup (1322434-MSD1)			**Source: SB76862-01**		Prepared: 17-Sep-13 Analyzed: 18-Sep-13					
Aroclor-1016	**464**		µg/kg dry	52.8	660	BRL	70	40-140	8	30
Aroclor-1016 [2C]	**383**		µg/kg dry	52.8	660	BRL	58	40-140	13	30
Aroclor-1260	**343**		µg/kg dry	52.8	660	BRL	52	40-140	17	30
Aroclor-1260 [2C]	**406**		µg/kg dry	52.8	660	BRL	62	40-140	10	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*34.3*		µg/kg dry		*52.8*		*65*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*31.7*		µg/kg dry		*52.8*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*29.0*		µg/kg dry		*52.8*		*55*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*36.9*		µg/kg dry		*52.8*		*70*	*30-150*		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1322512 - General Preparation										
Duplicate (1322512-DUP1)			**Source: SB76862-01**			Prepared & Analyzed: 18-Sep-13				
% Solids	**99.7**		%			99.8			0.1	20

Notes and Definitions

D	Data reported from a dilution
GS1	Sample dilution required for high concentration of target analytes to be within the instrument calibration range.
QR5	RPD out of acceptance range.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
Kimberly Wisk
Nicole Leja

utilize CT DAS Rates

SC[illegible]362 JB

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 2

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: 48 HR TAT
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: H. Laliberte
21 Griffin Rd North
Windsor, CT 06095

Telephone #: 860 798 5689
Project Mgr. H. Laliberte

Invoice To: H. Laliberte

P.O. No.: 183572 RQN:

Project No.: 183572-4445-00710
Site Name: CT DOT-BIA-FAB
Location: Windsor Locks State: CT
Sampler(s): M. Kostruba/T. Martin

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= 12=

List preservative code below:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= Brick X3=

G=Grab C=Composite

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☑ No☐

QA/QC Reporting Level
☑ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	TPH/BTEX	State-specific reporting standards:
162602-01	IB-C2-C018-12"	9/12/13	0820	G	X1			1		X	Air Side - West
02	IB-C2-C018-6"		0823							X	
03	IB-C2-C018-3"		0825							X	
04	IB-C2-C018-0"		0835							X	
05	IB-C2-C019-12"		0845							X	Air Side - Central
06	IB-C2-C019-6"		0848							X	
07	IB-C2-C019-3"		0854							X	
08	IB-C2-C019-0"		0901							X	
09	IB-C3-Gr1-0"		0912							X	Stair 1 escalator
10	IB-C3-Gr7-0"		0922		X2					X	Hall o/s rm 172

Relinquished by:	Received by:	Date:	Time:	Temp°C
Tom [illegible]	[illegible]	9-17-13	3:35p	
[illegible]	[illegible]	9/17/13	1633	
3.7/-1/2.7 IR 01				

☐ EDD Format
☑ E-mail to HLaliberte@TRCSolutions.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☑ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

* utilize CT DAS Rates *

SB76862-JB

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 48 HR
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: H. Laliberte
See pg 1

Telephone #: 860 792 5684
Project Mgr. H. Laliberte

Invoice To: H. Laliberte

P.O. No.: 123572 RQN:

Project No.: 123572-4445-00210
Site Name: CT DOT - BIA - IAB
Location: Windsor Locks State: CT
Sampler(s): MK/Tom

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= 12=

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= Brick X3=

G=Grab C=Composite

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	PCB2/3546C							State-specific reporting standards:
76862-11	IB-C3-BR7-0"	9/13/13	1040	G	X2			1		X							Room 7B
12	IB-C3-BR9-0"	↓	1055	↓	↓			↓		X							O/S Boiler Room
13	IB-C4B-BR1-16"		1025							X							Public side-Ext-Ground
14	IB-C4B-BR1-20"		1030							X							↓

37/-1/2-IR C1

Relinquished by:	Received by:	Date:	Time:	Temp°C
Tom Marr	[illegible]	9-17-13	3:35p	
[illegible]	[illegible]	9/17/13	1635	

☐ EDD Format
☒ E-mail to HLaliberte@TRCsolutions.com

Condition upon receipt: / Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Report Date:
05-Sep-13 15:08

SPECTRUM ANALYTICAL, INC.
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HANIBAL TECHNOLOGY

Laboratory Report

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

#1
Murphy Terminal

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Henry Laliberte

Project: BIA-Concourse A-Windsor Locks, CT
Project #: 183572.4445.0710

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB75966-01	MT-C2-CO1-0"	Concrete	27-Aug-13 13:16	30-Aug-13 16:45
SB75966-02	MT-C2-CM1-0"	Concrete	27-Aug-13 14:25	30-Aug-13 16:45
SB75966-03	MT-C2-CM2-0"	Concrete	27-Aug-13 14:30	30-Aug-13 16:45
SB75966-04	MT-C2-BR1-0"	Brick	27-Aug-13 13:10	30-Aug-13 16:45
SB75966-05	MT-C2-BR2-0"	Brick	27-Aug-13 13:40	30-Aug-13 16:45
SB75966-06	MT-C12-CO1-0"	Concrete	28-Aug-13 08:35	30-Aug-13 16:45
SB75966-07	MT-C12-CO2-0"	Concrete	28-Aug-13 08:40	30-Aug-13 16:45
SB75966-08	MT-C12-BR1-0"	Brick	28-Aug-13 08:45	30-Aug-13 16:45
SB75966-09	MT-C15-FB1-0"	Concrete	27-Aug-13 11:17	30-Aug-13 16:45
SB75966-10	MT-C15-FB2-0"	Concrete	27-Aug-13 11:25	30-Aug-13 16:45
SB75966-11	MT-C15-CM1-0"	Concrete	27-Aug-13 08:10	30-Aug-13 16:45
SB75966-12	MT-C15-BR1-0"	Brick	27-Aug-13 09:15	30-Aug-13 16:45
SB75966-13	MT-C15-BR2-0"	Brick	27-Aug-13 09:35	30-Aug-13 16:45
SB75966-14	MT-C15-BR3-0"	Brick	27-Aug-13 09:40	30-Aug-13 16:45
SB75966-15	MT-C15-BR4-0"	Brick	27-Aug-13 09:45	30-Aug-13 16:45
SB75966-16	MT-C15-BR5-0"	Brick	27-Aug-13 11:05	30-Aug-13 16:45
SB75966-17	MT-C1	Concrete	28-Aug-13 09:12	30-Aug-13 16:45
SB75966-18	MT-C2	Concrete	28-Aug-13 09:25	30-Aug-13 16:45
SB75966-19	MT-C3	Concrete	28-Aug-13 09:16	30-Aug-13 16:45
SB75966-20	MT-C4	Concrete	28-Aug-13 09:30	30-Aug-13 16:45
SB75966-21	MT-A1	Asphalt	28-Aug-13 09:35	30-Aug-13 16:45
SB75966-22	MT-A2	Asphalt	28-Aug-13 09:40	30-Aug-13 16:45
SB75966-23	MT-A3	Asphalt	29-Aug-13 09:05	30-Aug-13 16:45
SB75966-24	MT-A4	Asphalt	29-Aug-13 09:10	30-Aug-13 16:45
SB75966-25	MT-A5	Asphalt	29-Aug-13 09:15	30-Aug-13 16:45
SB75966-26	MT-A6	Asphalt	29-Aug-13 09:18	30-Aug-13 16:45
SB75966-27	MT-A7	Asphalt	29-Aug-13 09:24	30-Aug-13 16:45
SB75966-28	MT-A8	Asphalt	29-Aug-13 09:30	30-Aug-13 16:45
SB75966-29	MT-A9	Asphalt	29-Aug-13 09:50	30-Aug-13 16:45
SB75966-30	MT-A10	Asphalt	29-Aug-13 09:53	30-Aug-13 16:45
SB75966-31	MT-A11	Asphalt	29-Aug-13 09:57	30-Aug-13 16:45
SB75966-32	MT-C5	Concrete	29-Aug-13 10:08	30-Aug-13 16:45
SB75966-33	MT-C6	Concrete	29-Aug-13 10:12	30-Aug-13 16:45
SB75966-34	MT-C7	Concrete	29-Aug-13 10:14	30-Aug-13 16:45
SB75966-35	MT-C8	Concrete	29-Aug-13 10:16	30-Aug-13 16:45
SB75966-36	MT-C9	Concrete	29-Aug-13 10:30	30-Aug-13 16:45
SB75966-37	MT-C10	Concrete	29-Aug-13 11:00	30-Aug-13 16:45

SB75966-38	MT-C11	Concrete	29-Aug-13 11:02	30-Aug-13 16:45
SB75966-39	MT-C12	Concrete	29-Aug-13 11:04	30-Aug-13 16:45
SB75966-40	MT-C13	Concrete	29-Aug-13 11:07	30-Aug-13 16:45
SB75966-41	MT-C14	Concrete	29-Aug-13 11:08	30-Aug-13 16:45
SB75966-42	MT-C15	Concrete	29-Aug-13 11:11	30-Aug-13 16:45
SB75966-43	MT-C16	Concrete	29-Aug-13 11:14	30-Aug-13 16:45
SB75966-44	MT-C17	Concrete	29-Aug-13 11:15	30-Aug-13 16:45
SB75966-45	MT-C18	Concrete	29-Aug-13 11:18	30-Aug-13 16:45
SB75966-46	MT-C19	Concrete	29-Aug-13 15:20	30-Aug-13 16:45
SB75966-47	MT-C20	Concrete	29-Aug-13 15:35	30-Aug-13 16:45
SB75966-48	MT-C2-BR3-0"	Brick	29-Aug-13 08:50	30-Aug-13 16:45
SB75966-49	MT-C2-BR4-0"	Brick	29-Aug-13 08:55	30-Aug-13 16:45
SB75966-50	MT-C11-A1-0"	Asphalt	29-Aug-13 10:40	30-Aug-13 16:45
SB75966-51	MT-C15-BR6-0"	Brick	30-Aug-13 09:50	30-Aug-13 16:45
SB75966-52	MT-C15-BR7-0"	Brick	30-Aug-13 09:55	30-Aug-13 16:45
SB75966-53	MT-C15-BR8-0"	Brick	30-Aug-13 10:00	30-Aug-13 16:45
SB75966-54	MT-C15-BR9-0"	Brick	30-Aug-13 10:05	30-Aug-13 16:45
SB75966-55	MT-C15-BR10-0"	Brick	30-Aug-13 10:10	30-Aug-13 16:45
SB75966-56	MT-C15-CO1-0"	Concrete	30-Aug-13 10:20	30-Aug-13 16:45
SB75966-57	MT-C20-CO1-0"	Concrete	29-Aug-13 09:00	30-Aug-13 16:45
SB75966-58	MT-C33-CO1-0"	Concrete	29-Aug-13 15:00	30-Aug-13 16:45

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 70 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: TRC - Windsor, CT

Project Location: BIA-Concourse A-Windsor Locks, CT

Project Number: 183572.4445.0710

Sampling Date(s):
8/27/2013 through 8/30/2013

Laboratory Sample ID(s):
SB75966-01 through SB75966-58

RCP Methods Used:
SW846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	Yes	✓ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	✓ Yes	No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Nicole Leja

Nicole Leja
Laboratory Director
Date: 9/5/2013

CASE NARRATIVE:

The samples were received 1.4 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

For this work order, the reporting limits have not been referenced or specified.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8082A

Spikes:

1321031-MSD1 *Source: SB75966-06*

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Aroclor-1260
Aroclor-1260 [2C]

Samples:

SB75966-29 *MT-A9*

The Reporting Limit has been raised to account for matrix interference.

Aroclor-1248

Sample Acceptance Check Form

Client:	TRC - Windsor, CT
Project:	BIA-Concourse A-Windsor Locks, CT / 183572.4445.0710
Work Order:	SB75966
Sample(s) received on:	8/30/2013
Received by:	Jessica Hoffman

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
1. Were custody seals present?	☐	☑	☐
2. Were custody seals intact?	☐	☐	☑
3. Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
4. Were samples cooled on ice upon transfer to laboratory representative?	☑	☐	☐
5. Were samples refrigerated upon transfer to laboratory representative?	☐	☑	☐
6. Were sample containers received intact?	☑	☐	☐
7. Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
8. Were samples accompanied by a Chain of Custody document?	☑	☐	☐
9. Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☑	☐	☐
10. Did sample container labels agree with Chain of Custody document?	☑	☐	☐
11. Were samples received within method-specific holding times?	☑	☐	☐

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C2-CO1-0"	183572.4445.0710	Concrete	27-Aug-13 13:16	30-Aug-13
SB75966-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.9		µg/kg dry	63.9	47.7	1	SW846 8082A	30-Aug-13	03-Sep-13	IMR	1321030	X
11104-28-2	Aroclor-1221	< 63.9		µg/kg dry	63.9	57.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.9		µg/kg dry	63.9	41.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.9		µg/kg dry	63.9	38.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.9		µg/kg dry	63.9	33.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.9		µg/kg dry	63.9	53.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260 [2C]	86.2		µg/kg dry	63.9	32.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.9		µg/kg dry	63.9	59.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.9		µg/kg dry	63.9	26.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321100	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C2-CM1-0"	183572.4445.0710	Concrete	27-Aug-13 14:25	30-Aug-13
[illegible]5966-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.9		µg/kg dry	64.9	48.5	1	SW846 8082A	30-Aug-13	03-Sep-13	IMR	1321030	X
11104-28-2	Aroclor-1221	< 64.9		µg/kg dry	64.9	58.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.9		µg/kg dry	64.9	41.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.9		µg/kg dry	64.9	39.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.9		µg/kg dry	64.9	33.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.9		µg/kg dry	64.9	54.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	127		µg/kg dry	64.9	40.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.9		µg/kg dry	64.9	60.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.9		µg/kg dry	64.9	26.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321100	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C2-CM2-0"	183572.4445.0710	Concrete	27-Aug-13 14:30	30-Aug-13
SB75966-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.5		µg/kg dry	62.5	46.7	1	SW846 8082A	30-Aug-13	03-Sep-13	IMR	1321030	X
11104-28-2	Aroclor-1221	< 62.5		µg/kg dry	62.5	56.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.5		µg/kg dry	62.5	40.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.5		µg/kg dry	62.5	37.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.5		µg/kg dry	62.5	32.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.5		µg/kg dry	62.5	52.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	109		µg/kg dry	62.5	38.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.5		µg/kg dry	62.5	58.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.5		µg/kg dry	62.5	25.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*100*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321100	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C2-BR1-0"	183572.4445.0710	Brick	27-Aug-13 13:10	30-Aug-13
[redacted]66-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.1		µg/kg dry	57.1	42.7	1	SW846 8082A	30-Aug-13	03-Sep-13	IMR	1321030	X
11104-28-2	Aroclor-1221	< 57.1		µg/kg dry	57.1	51.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.1		µg/kg dry	57.1	36.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.1		µg/kg dry	57.1	34.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.1		µg/kg dry	57.1	29.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 57.1		µg/kg dry	57.1	47.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.1		µg/kg dry	57.1	35.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 57.1		µg/kg dry	57.1	53.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.1		µg/kg dry	57.1	23.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*95*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321100	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C2-BR2-0"	183572.4445.0710	Brick	27-Aug-13 13:40	30-Aug-13
SB75966-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.5		µg/kg dry	62.5	46.7	1	SW846 8082A	30-Aug-13	03-Sep-13	IMR	1321030	X
11104-28-2	Aroclor-1221	< 62.5		µg/kg dry	62.5	56.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.5		µg/kg dry	62.5	40.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.5		µg/kg dry	62.5	37.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.5		µg/kg dry	62.5	32.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.5		µg/kg dry	62.5	52.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.5		µg/kg dry	62.5	38.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.5		µg/kg dry	62.5	58.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.5		µg/kg dry	62.5	25.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	60			30-150 %			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	65			30-150 %			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	60			30-150 %			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	65			30-150 %			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.8		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321100	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C12-CO1-0"	183572.4445.0710	Concrete	28-Aug-13 08:35	30-Aug-13
[redacted]966-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.1		µg/kg dry	62.1	46.4	1	SW846 8082A	30-Aug-13	03-Sep-13	BLM	1321031	X
11104-28-2	Aroclor-1221	< 62.1		µg/kg dry	62.1	56.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.1		µg/kg dry	62.1	39.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.1		µg/kg dry	62.1	37.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.1		µg/kg dry	62.1	32.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.1		µg/kg dry	62.1	51.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	960		µg/kg dry	62.1	38.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.1		µg/kg dry	62.1	57.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.1		µg/kg dry	62.1	25.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321100	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C12-CO2-0"	183572.4445.0710	Concrete	28-Aug-13 08:40	30-Aug-13
SB75966-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.6		µg/kg dry	66.6	49.8	1	SW846 8082A	30-Aug-13	03-Sep-13	BLM	1321031	X
11104-28-2	Aroclor-1221	< 66.6		µg/kg dry	66.6	60.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.6		µg/kg dry	66.6	42.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.6		µg/kg dry	66.6	40.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.6		µg/kg dry	66.6	34.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 66.6		µg/kg dry	66.6	55.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	**719**		µg/kg dry	66.6	41.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.6		µg/kg dry	66.6	62.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.6		µg/kg dry	66.6	27.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321100	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C12-BR1-0"	183572.4445.0710	Brick	28-Aug-13 08:45	30-Aug-13
[illegible]966-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.5		µg/kg dry	60.5	45.2	1	SW846 8082A	30-Aug-13	03-Sep-13	BLM	1321031	X
11104-28-2	Aroclor-1221	< 60.5		µg/kg dry	60.5	54.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.5		µg/kg dry	60.5	38.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.5		µg/kg dry	60.5	36.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.5		µg/kg dry	60.5	31.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.5		µg/kg dry	60.5	50.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	920		µg/kg dry	60.5	37.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.5		µg/kg dry	60.5	56.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.5		µg/kg dry	60.5	25.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321100	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C15-FB1-0"	183572.4445.0710	Concrete	27-Aug-13 11:17	30-Aug-13
SB75966-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.6		µg/kg dry	63.6	47.5	1	SW846 8082A	30-Aug-13	03-Sep-13	BLM	1321031	X
11104-28-2	Aroclor-1221	< 63.6		µg/kg dry	63.6	57.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.6		µg/kg dry	63.6	40.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.6		µg/kg dry	63.6	38.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.6		µg/kg dry	63.6	33.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.6		µg/kg dry	63.6	53.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.6		µg/kg dry	63.6	39.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.6		µg/kg dry	63.6	59.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.6		µg/kg dry	63.6	26.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.7		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321100	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C15-FB2-0"	183572.4445.0710	Concrete	27-Aug-13 11:25	30-Aug-13
[redacted]966-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.1		µg/kg dry	63.1	47.2	1	SW846 8082A	30-Aug-13	03-Sep-13	BLM	1321031	X
11104-28-2	Aroclor-1221	< 63.1		µg/kg dry	63.1	56.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.1		µg/kg dry	63.1	40.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.1		µg/kg dry	63.1	38.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.1		µg/kg dry	63.1	32.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.1		µg/kg dry	63.1	52.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.1		µg/kg dry	63.1	39.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.1		µg/kg dry	63.1	58.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.1		µg/kg dry	63.1	26.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.5		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321102	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C15-CM1-0"	183572.4445.0710	Concrete	27-Aug-13 08:10	30-Aug-13
SB75966-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.3		µg/kg dry	66.3	49.5	1	SW846 8082A	30-Aug-13	03-Sep-13	BLM	1321031	X
11104-28-2	Aroclor-1221	< 66.3		µg/kg dry	66.3	59.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.3		µg/kg dry	66.3	42.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.3		µg/kg dry	66.3	39.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.3		µg/kg dry	66.3	34.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 66.3		µg/kg dry	66.3	55.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	106		µg/kg dry	66.3	41.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.3		µg/kg dry	66.3	61.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.3		µg/kg dry	66.3	27.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321102	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C15-BR1-0"	183572.4445.0710	Brick	27-Aug-13 09:15	30-Aug-13
SB16966-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 69.8		µg/kg dry	69.8	52.2	1	SW846 8082A	30-Aug-13	03-Sep-13	BLM	1321031	X
11104-28-2	Aroclor-1221	< 69.8		µg/kg dry	69.8	62.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 69.8		µg/kg dry	69.8	44.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 69.8		µg/kg dry	69.8	42.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 69.8		µg/kg dry	69.8	36.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 69.8		µg/kg dry	69.8	58.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 69.8		µg/kg dry	69.8	43.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 69.8		µg/kg dry	69.8	65.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 69.8		µg/kg dry	69.8	28.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	94.8		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321102	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C15-BR2-0"	183572.4445.0710	Brick	27-Aug-13 09:35	30-Aug-13
SB75966-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 67.2		µg/kg dry	67.2	50.2	1	SW846 8082A	30-Aug-13	03-Sep-13	BLM	1321031	X
11104-28-2	Aroclor-1221	< 67.2		µg/kg dry	67.2	60.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 67.2		µg/kg dry	67.2	43.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 67.2		µg/kg dry	67.2	40.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 67.2		µg/kg dry	67.2	34.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 67.2		µg/kg dry	67.2	56.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 67.2		µg/kg dry	67.2	41.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 67.2		µg/kg dry	67.2	62.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 67.2		µg/kg dry	67.2	27.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321102	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C15-BR3-0"	183572.4445.0710	Brick	27-Aug-13 09:40	30-Aug-13
[illegible]966-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.7		µg/kg dry	63.7	47.6	1	SW846 8082A	30-Aug-13	03-Sep-13	BLM	1321031	X
11104-28-2	Aroclor-1221	< 63.7		µg/kg dry	63.7	57.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.7		µg/kg dry	63.7	40.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.7		µg/kg dry	63.7	38.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.7		µg/kg dry	63.7	33.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.7		µg/kg dry	63.7	53.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.7		µg/kg dry	63.7	39.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.7		µg/kg dry	63.7	59.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.7		µg/kg dry	63.7	26.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.8		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321102	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C15-BR4-0"	183572.4445.0710	Brick	27-Aug-13 09:45	30-Aug-13
SB75966-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.5		µg/kg dry	57.5	43.0	1	SW846 8082A	30-Aug-13	03-Sep-13	BLM	1321031	X
11104-28-2	Aroclor-1221	< 57.5		µg/kg dry	57.5	51.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.5		µg/kg dry	57.5	36.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.5		µg/kg dry	57.5	34.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.5		µg/kg dry	57.5	29.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 57.5		µg/kg dry	57.5	47.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.5		µg/kg dry	57.5	35.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 57.5		µg/kg dry	57.5	53.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.5		µg/kg dry	57.5	23.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.3		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321102	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C15-BR5-0"	183572.4445.0710	Brick	27-Aug-13 11:05	30-Aug-13
[redacted]966-16				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 67.6		µg/kg dry	67.6	50.5	1	SW846 8082A	30-Aug-13	03-Sep-13	BLM	1321031	X
11104-28-2	Aroclor-1221	< 67.6		µg/kg dry	67.6	60.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 67.6		µg/kg dry	67.6	43.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 67.6		µg/kg dry	67.6	40.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 67.6		µg/kg dry	67.6	35.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 67.6		µg/kg dry	67.6	56.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 67.6		µg/kg dry	67.6	41.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 67.6		µg/kg dry	67.6	62.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 67.6		µg/kg dry	67.6	27.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	97.7		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321102	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C1	183572.4445.0710	Concrete	28-Aug-13 09:12	30-Aug-13
SB75966-17				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.4		µg/kg dry	62.4	46.6	1	SW846 8082A	30-Aug-13	03-Sep-13	BLM	1321031	X
11104-28-2	Aroclor-1221	< 62.4		µg/kg dry	62.4	56.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.4		µg/kg dry	62.4	40.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.4		µg/kg dry	62.4	37.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.4		µg/kg dry	62.4	32.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.4		µg/kg dry	62.4	52.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	178		µg/kg dry	62.4	38.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.4		µg/kg dry	62.4	58.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.4		µg/kg dry	62.4	25.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.9		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321102	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C2 S[illegible]66-18	183572.4445.0710	Concrete	28-Aug-13 09:25	30-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.8		µg/kg dry	60.8	45.4	1	SW846 8082A	30-Aug-13	03-Sep-13	BLM	1321031	X
11104-28-2	Aroclor-1221	< 60.8		µg/kg dry	60.8	54.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.8		µg/kg dry	60.8	39.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.8		µg/kg dry	60.8	36.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.8		µg/kg dry	60.8	31.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.8		µg/kg dry	60.8	50.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.8		µg/kg dry	60.8	37.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.8		µg/kg dry	60.8	56.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.8		µg/kg dry	60.8	25.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.2		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321102	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C3	183572.4445.0710	Concrete	28-Aug-13 09:16	30-Aug-13
SB75966-19				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.7		µg/kg dry	62.7	46.8	1	SW846 8082A	30-Aug-13	03-Sep-13	BLM	1321031	X
11104-28-2	Aroclor-1221	< 62.7		µg/kg dry	62.7	56.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.7		µg/kg dry	62.7	40.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.7		µg/kg dry	62.7	37.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.7		µg/kg dry	62.7	32.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.7		µg/kg dry	62.7	52.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.7		µg/kg dry	62.7	38.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.7		µg/kg dry	62.7	58.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.7		µg/kg dry	62.7	25.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**95.3**		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321102	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C4 [redacted]966-20	183572.4445.0710	Concrete	28-Aug-13 09:30	30-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.3		µg/kg dry	65.3	48.7	1	SW846 8082A	30-Aug-13	03-Sep-13	BLM	1321031	X
11104-28-2	Aroclor-1221	< 65.3		µg/kg dry	65.3	58.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.3		µg/kg dry	65.3	41.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.3		µg/kg dry	65.3	39.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.3		µg/kg dry	65.3	33.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 65.3		µg/kg dry	65.3	54.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.3		µg/kg dry	65.3	40.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.3		µg/kg dry	65.3	60.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.3		µg/kg dry	65.3	26.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.9		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321102	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-A1 SB75966-21	183572.4445.0710	Asphalt	28-Aug-13 09:35	30-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.6		µg/kg dry	64.6	48.3	1	SW846 8082A	30-Aug-13	03-Sep-13	BLM	1321031	X
11104-28-2	Aroclor-1221	< 64.6		µg/kg dry	64.6	58.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.6		µg/kg dry	64.6	41.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.6		µg/kg dry	64.6	38.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.6		µg/kg dry	64.6	33.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.6		µg/kg dry	64.6	53.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.6		µg/kg dry	64.6	40.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.6		µg/kg dry	64.6	60.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.6		µg/kg dry	64.6	26.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*35*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.9		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321102	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-A2 [illegible]966-22	183572.4445.0710	Asphalt	28-Aug-13 09:40	30-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.0		µg/kg dry	61.0	45.6	1	SW846 8082A	30-Aug-13	03-Sep-13	BLM	1321031	X
11104-28-2	Aroclor-1221	< 61.0		µg/kg dry	61.0	54.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.0		µg/kg dry	61.0	39.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.0		µg/kg dry	61.0	36.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.0		µg/kg dry	61.0	31.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 61.0		µg/kg dry	61.0	50.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.0		µg/kg dry	61.0	37.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.0		µg/kg dry	61.0	56.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.0		µg/kg dry	61.0	25.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321102	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-A3	183572.4445.0710	Asphalt	29-Aug-13 09:05	30-Aug-13
SB75966-23				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cer
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.8		µg/kg dry	62.8	46.9	1	SW846 8082A	30-Aug-13	03-Sep-13	BLM	1321031	X
11104-28-2	Aroclor-1221	< 62.8		µg/kg dry	62.8	56.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.8		µg/kg dry	62.8	40.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.8		µg/kg dry	62.8	37.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.8		µg/kg dry	62.8	32.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.8		µg/kg dry	62.8	52.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.8		µg/kg dry	62.8	39.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.8		µg/kg dry	62.8	58.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.8		µg/kg dry	62.8	25.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.0		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321102	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-A4 [redacted]66-24	183572.4445.0710	Asphalt	29-Aug-13 09:10	30-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.9		µg/kg dry	64.9	48.5	1	SW846 8082A	30-Aug-13	03-Sep-13	BLM	1321031	X
11104-28-2	Aroclor-1221	< 64.9		µg/kg dry	64.9	58.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.9		µg/kg dry	64.9	41.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.9		µg/kg dry	64.9	39.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.9		µg/kg dry	64.9	33.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.9		µg/kg dry	64.9	54.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.9		µg/kg dry	64.9	40.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.9		µg/kg dry	64.9	60.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.9		µg/kg dry	64.9	26.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.5		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321102	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-A5	183572.4445.0710	Asphalt	29-Aug-13 09:15	30-Aug-13
SB75966-25				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.5		µg/kg dry	60.5	45.2	1	SW846 8082A	30-Aug-13	03-Sep-13	BLM	1321031	X
11104-28-2	Aroclor-1221	< 60.5		µg/kg dry	60.5	54.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.5		µg/kg dry	60.5	38.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.5		µg/kg dry	60.5	36.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.5		µg/kg dry	60.5	31.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.5		µg/kg dry	60.5	50.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.5		µg/kg dry	60.5	37.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.5		µg/kg dry	60.5	56.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.5		µg/kg dry	60.5	25.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321102	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-A6 S[illegible]66-26	183572.4445.0710	Asphalt	29-Aug-13 09:18	30-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.4		µg/kg dry	65.4	48.9	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321032	X
11104-28-2	Aroclor-1221	< 65.4		µg/kg dry	65.4	58.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.4		µg/kg dry	65.4	42.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.4		µg/kg dry	65.4	39.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.4		µg/kg dry	65.4	34.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 65.4		µg/kg dry	65.4	54.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.4		µg/kg dry	65.4	40.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.4		µg/kg dry	65.4	60.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.4		µg/kg dry	65.4	27.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321102	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-A7	183572.4445.0710	Asphalt	29-Aug-13 09:24	30-Aug-13
SB75966-27				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 57.8		µg/kg dry	57.8	43.2	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321032	X
11104-28-2	Aroclor-1221	< 57.8		µg/kg dry	57.8	52.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 57.8		µg/kg dry	57.8	37.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 57.8		µg/kg dry	57.8	34.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 57.8		µg/kg dry	57.8	30.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 57.8		µg/kg dry	57.8	48.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 57.8		µg/kg dry	57.8	35.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 57.8		µg/kg dry	57.8	53.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 57.8		µg/kg dry	57.8	23.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321102	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-A8	183572.4445.0710	Asphalt	29-Aug-13 09:30	30-Aug-13
S[illegible]66-28				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.7		µg/kg dry	60.7	45.3	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321032	X
11104-28-2	Aroclor-1221	< 60.7		µg/kg dry	60.7	54.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.7		µg/kg dry	60.7	38.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.7		µg/kg dry	60.7	36.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.7		µg/kg dry	60.7	31.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.7		µg/kg dry	60.7	50.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.7		µg/kg dry	60.7	37.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.7		µg/kg dry	60.7	56.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.7		µg/kg dry	60.7	25.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.4		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321102	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-A9 SB75966-29	183572.4445.0710	Asphalt	29-Aug-13 09:50	30-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.8		µg/kg dry	65.8	49.2	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321032	X
11104-28-2	Aroclor-1221	< 65.8		µg/kg dry	65.8	59.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.8		µg/kg dry	65.8	42.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.8		µg/kg dry	65.8	39.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 329	R01	µg/kg dry	329	171	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 65.8		µg/kg dry	65.8	54.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.8		µg/kg dry	65.8	40.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.8		µg/kg dry	65.8	61.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.8		µg/kg dry	65.8	27.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321102	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-A10 [redacted]966-30	183572.4445.0710	Asphalt	29-Aug-13 09:53	30-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.6		µg/kg dry	60.6	45.3	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321032	X
11104-28-2	Aroclor-1221	< 60.6		µg/kg dry	60.6	54.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.6		µg/kg dry	60.6	38.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.6		µg/kg dry	60.6	36.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	139		µg/kg dry	60.6	31.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.6		µg/kg dry	60.6	50.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.6		µg/kg dry	60.6	37.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.6		µg/kg dry	60.6	56.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.6		µg/kg dry	60.6	25.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.6		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321104	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-A11	183572.4445.0710	Asphalt	29-Aug-13 09:57	30-Aug-13
SB75966-31				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.3		µg/kg dry	61.3	45.8	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321032	X
11104-28-2	Aroclor-1221	< 61.3		µg/kg dry	61.3	55.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.3		µg/kg dry	61.3	39.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.3		µg/kg dry	61.3	36.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.3		µg/kg dry	61.3	31.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 61.3		µg/kg dry	61.3	51.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.3		µg/kg dry	61.3	38.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.3		µg/kg dry	61.3	57.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.3		µg/kg dry	61.3	25.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.1		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321104	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C5 [redacted]66-32	183572.4445.0710	Concrete	29-Aug-13 10:08	30-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.0		µg/kg dry	62.0	46.3	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321032	X
11104-28-2	Aroclor-1221	< 62.0		µg/kg dry	62.0	55.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.0		µg/kg dry	62.0	39.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.0		µg/kg dry	62.0	37.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.0		µg/kg dry	62.0	32.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.0		µg/kg dry	62.0	51.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.0		µg/kg dry	62.0	38.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.0		µg/kg dry	62.0	57.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.0		µg/kg dry	62.0	25.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*35*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	98.1		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321104	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C6 SB75966-33	183572.4445.0710	Concrete	29-Aug-13 10:12	30-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.2		µg/kg dry	65.2	48.7	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321032	X
11104-28-2	Aroclor-1221	< 65.2		µg/kg dry	65.2	58.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.2		µg/kg dry	65.2	41.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.2		µg/kg dry	65.2	39.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1246	< 65.2		µg/kg dry	65.2	33.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 65.2		µg/kg dry	65.2	54.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.2		µg/kg dry	65.2	40.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.2		µg/kg dry	65.2	60.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.2		µg/kg dry	65.2	26.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*35*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.2		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321104	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C7	183572.4445.0710	Concrete	29-Aug-13 10:14	30-Aug-13
[illegible]966-34				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 66.1		µg/kg dry	66.1	49.4	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321032	X
11104-28-2	Aroclor-1221	< 66.1		µg/kg dry	66.1	59.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 66.1		µg/kg dry	66.1	42.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 66.1		µg/kg dry	66.1	39.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 66.1		µg/kg dry	66.1	34.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 66.1		µg/kg dry	66.1	55.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 66.1		µg/kg dry	66.1	41.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 66.1		µg/kg dry	66.1	61.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 66.1		µg/kg dry	66.1	27.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*40*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.9		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321104	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C8 SB75966-35	183572.4445.0710	Concrete	29-Aug-13 10:16	30-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 59.5		µg/kg dry	59.5	44.4	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321032	X
11104-28-2	Aroclor-1221	< 59.5		µg/kg dry	59.5	53.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 59.5		µg/kg dry	59.5	38.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 59.5		µg/kg dry	59.5	35.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 59.5		µg/kg dry	59.5	30.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 59.5		µg/kg dry	59.5	49.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 59.5		µg/kg dry	59.5	36.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 59.5		µg/kg dry	59.5	55.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 59.5		µg/kg dry	59.5	24.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*40*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.9		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321104	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C9	183572.4445.0710	Concrete	29-Aug-13 10:30	30-Aug-13
SB[illegible]966-36				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.3		µg/kg dry	64.3	48.0	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321032	X
11104-28-2	Aroclor-1221	< 64.3		µg/kg dry	64.3	57.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.3		µg/kg dry	64.3	41.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.3		µg/kg dry	64.3	38.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.3		µg/kg dry	64.3	33.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.3		µg/kg dry	64.3	53.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.3		µg/kg dry	64.3	39.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.3		µg/kg dry	64.3	59.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.3		µg/kg dry	64.3	26.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*35*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.4		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321104	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C10	183572.4445.0710	Concrete	29-Aug-13 11:00	30-Aug-13
SB75966-37				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 70.2		µg/kg dry	70.2	52.4	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321032	X
11104-28-2	Aroclor-1221	< 70.2		µg/kg dry	70.2	63.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 70.2		µg/kg dry	70.2	45.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 70.2		µg/kg dry	70.2	42.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 70.2		µg/kg dry	70.2	36.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 70.2		µg/kg dry	70.2	58.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 70.2		µg/kg dry	70.2	43.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 70.2		µg/kg dry	70.2	65.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 70.2		µg/kg dry	70.2	29.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*40*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	92.2		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321104	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C11 SB75966-38	183572.4445.0710	Concrete	29-Aug-13 11:02	30-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 61.3		µg/kg dry	61.3	45.8	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321032	X
11104-28-2	Aroclor-1221	< 61.3		µg/kg dry	61.3	55.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 61.3		µg/kg dry	61.3	39.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 61.3		µg/kg dry	61.3	36.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 61.3		µg/kg dry	61.3	31.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 61.3		µg/kg dry	61.3	51.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 61.3		µg/kg dry	61.3	38.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 61.3		µg/kg dry	61.3	57.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 61.3		µg/kg dry	61.3	25.3	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.9		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321104	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C12	183572.4445.0710	Concrete	29-Aug-13 11:04	30-Aug-13
SB75966-39				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.4		µg/kg dry	65.4	48.9	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321032	X
11104-28-2	Aroclor-1221	< 65.4		µg/kg dry	65.4	58.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.4		µg/kg dry	65.4	42.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.4		µg/kg dry	65.4	39.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.4		µg/kg dry	65.4	34.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 65.4		µg/kg dry	65.4	54.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.4		µg/kg dry	65.4	40.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.4		µg/kg dry	65.4	60.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.4		µg/kg dry	65.4	27.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.5		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321104	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C13 [redacted]66-40	183572.4445.0710	Concrete	29-Aug-13 11:07	30-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.9		µg/kg dry	60.9	45.5	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321032	X
11104-28-2	Aroclor-1221	< 60.9		µg/kg dry	60.9	54.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.9		µg/kg dry	60.9	39.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.9		µg/kg dry	60.9	36.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.9		µg/kg dry	60.9	31.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.9		µg/kg dry	60.9	50.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.9		µg/kg dry	60.9	37.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.9		µg/kg dry	60.9	56.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.9		µg/kg dry	60.9	25.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*40*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	97.5		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321104	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C14 SB75966-41	183572.4445.0710	Concrete	29-Aug-13 11:08	30-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cer
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.4		µg/kg dry	63.4	47.3	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321032	X
11104-28-2	Aroclor-1221	< 63.4		µg/kg dry	63.4	57.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.4		µg/kg dry	63.4	40.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.4		µg/kg dry	63.4	38.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.4		µg/kg dry	63.4	33.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.4		µg/kg dry	63.4	52.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.4		µg/kg dry	63.4	39.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.4		µg/kg dry	63.4	59.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.4		µg/kg dry	63.4	26.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.1		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321104	

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* Reportable Detection Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C15 [redacted]966-42	183572.4445.0710	Concrete	29-Aug-13 11:11	30-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.9		µg/kg dry	64.9	48.5	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321032	X
11104-28-2	Aroclor-1221	< 64.9		µg/kg dry	64.9	58.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.9		µg/kg dry	64.9	41.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.9		µg/kg dry	64.9	39.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.9		µg/kg dry	64.9	33.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.9		µg/kg dry	64.9	54.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.9		µg/kg dry	64.9	40.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.9		µg/kg dry	64.9	60.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.9		µg/kg dry	64.9	26.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*85*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.3		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321104	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C16	183572.4445.0710	Concrete	29-Aug-13 11:14	30-Aug-13
SB75966-43				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.7		µg/kg dry	65.7	49.1	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321032	X
11104-28-2	Aroclor-1221	< 65.7		µg/kg dry	65.7	59.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.7		µg/kg dry	65.7	42.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.7		µg/kg dry	65.7	39.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.7		µg/kg dry	65.7	34.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 65.7		µg/kg dry	65.7	54.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.7		µg/kg dry	65.7	40.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.7		µg/kg dry	65.7	61.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.7		µg/kg dry	65.7	27.1	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.5		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321104	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C17 S[redacted]66-44	183572.4445.0710	Concrete	29-Aug-13 11:15	30-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 54.5		µg/kg dry	54.5	40.7	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321032	X
11104-28-2	Aroclor-1221	< 54.5		µg/kg dry	54.5	49.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 54.5		µg/kg dry	54.5	35.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 54.5		µg/kg dry	54.5	32.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 54.5		µg/kg dry	54.5	28.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 54.5		µg/kg dry	54.5	45.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 54.5		µg/kg dry	54.5	33.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 54.5		µg/kg dry	54.5	50.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 54.5		µg/kg dry	54.5	22.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.7		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321104	

Sample Identification	Client Project #	Matrix	* Collection Date/Time	Received
MT-C18 SB75966-45	183572.4445.0710	Concrete	29-Aug-13 11:18	30-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.0		µg/kg dry	63.0	47.1	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321032	X
11104-28-2	Aroclor-1221	< 63.0		µg/kg dry	63.0	56.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.0		µg/kg dry	63.0	40.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.0		µg/kg dry	63.0	37.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.0		µg/kg dry	63.0	32.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.0		µg/kg dry	63.0	52.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.0		µg/kg dry	63.0	39.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.0		µg/kg dry	63.0	58.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.0		µg/kg dry	63.0	26.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*35*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.4		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321104	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C19 SB75966-46	183572.4445.0710	Concrete	29-Aug-13 15:20	30-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 63.0		µg/kg dry	63.0	47.1	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321037	X
11104-28-2	Aroclor-1221	< 63.0		µg/kg dry	63.0	56.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 63.0		µg/kg dry	63.0	40.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 63.0		µg/kg dry	63.0	37.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 63.0		µg/kg dry	63.0	32.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 63.0		µg/kg dry	63.0	52.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 63.0		µg/kg dry	63.0	39.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 63.0		µg/kg dry	63.0	58.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 63.0		µg/kg dry	63.0	26.0	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.9		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321104	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C20	183572.4445.0710	Concrete	29-Aug-13 15:35	30-Aug-13
SB75966-47				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 62.1		µg/kg dry	62.1	46.4	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321037	X
11104-28-2	Aroclor-1221	< 62.1		µg/kg dry	62.1	56.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 62.1		µg/kg dry	62.1	39.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 62.1		µg/kg dry	62.1	37.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 62.1		µg/kg dry	62.1	32.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 62.1		µg/kg dry	62.1	51.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 62.1		µg/kg dry	62.1	38.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 62.1		µg/kg dry	62.1	57.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 62.1		µg/kg dry	62.1	25.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*30*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.1		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321104	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C2-BR3-0"	183572.4445.0710	Brick	29-Aug-13 08:50	30-Aug-13
S[illegible]66-48				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.4		µg/kg dry	64.4	48.1	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321037	X
11104-28-2	Aroclor-1221	< 64.4		µg/kg dry	64.4	58.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.4		µg/kg dry	64.4	41.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.4		µg/kg dry	64.4	38.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.4		µg/kg dry	64.4	33.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.4		µg/kg dry	64.4	53.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.4		µg/kg dry	64.4	39.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.4		µg/kg dry	64.4	60.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.4		µg/kg dry	64.4	26.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[illegible]	% Solids	99.3		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321104	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C2-BR4-0"	183572.4445.0710	Brick	29-Aug-13 08:55	30-Aug-13
SB75966-49				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 53.8		µg/kg dry	53.8	40.2	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321037	X
11104-28-2	Aroclor-1221	< 53.8		µg/kg dry	53.8	48.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 53.8		µg/kg dry	53.8	34.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 53.8		µg/kg dry	53.8	32.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 53.8		µg/kg dry	53.8	28.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 53.8		µg/kg dry	53.8	44.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 53.8		µg/kg dry	53.8	33.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 53.8		µg/kg dry	53.8	50.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 53.8		µg/kg dry	53.8	22.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*35*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.6		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321104	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C11-A1-0" [redacted]66-50	183572.4445.0710	Asphalt	29-Aug-13 10:40	30-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 56.9		µg/kg dry	56.9	42.5	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321037	X
11104-28-2	Aroclor-1221	< 56.9		µg/kg dry	56.9	51.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 56.9		µg/kg dry	56.9	36.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 56.9		µg/kg dry	56.9	34.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 56.9		µg/kg dry	56.9	29.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 56.9		µg/kg dry	56.9	47.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 56.9		µg/kg dry	56.9	35.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 56.9		µg/kg dry	56.9	53.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 56.9		µg/kg dry	56.9	23.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*35*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*30*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	97.9		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321105	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C15-BR6-0" SB75966-51	183572.4445.0710	Brick	30-Aug-13 09:50	30-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Ce
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 69.1		µg/kg dry	69.1	51.6	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321037	X
11104-28-2	Aroclor-1221	< 69.1		µg/kg dry	69.1	62.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 69.1		µg/kg dry	69.1	44.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 69.1		µg/kg dry	69.1	41.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 69.1		µg/kg dry	69.1	35.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 69.1		µg/kg dry	69.1	57.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 69.1		µg/kg dry	69.1	42.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 69.1		µg/kg dry	69.1	64.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 69.1		µg/kg dry	69.1	28.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*30*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**95.2**		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321105	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C15-BR7-0"	183572.4445.0710	Brick	30-Aug-13 09:55	30-Aug-13
[redacted]66-52				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.4		µg/kg dry	64.4	48.1	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321037	X
11104-28-2	Aroclor-1221	< 64.4		µg/kg dry	64.4	58.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.4		µg/kg dry	64.4	41.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.4		µg/kg dry	64.4	38.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.4		µg/kg dry	64.4	33.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.4		µg/kg dry	64.4	53.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.4		µg/kg dry	64.4	39.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.4		µg/kg dry	64.4	60.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.4		µg/kg dry	64.4	26.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*45*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*30*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	94.7		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321105	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C15-BR8-0"	183572.4445.0710	Brick	30-Aug-13 10:00	30-Aug-13
SB75966-53				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 67.1		µg/kg dry	67.1	50.1	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321037	X
11104-28-2	Aroclor-1221	< 67.1		µg/kg dry	67.1	60.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 67.1		µg/kg dry	67.1	43.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 67.1		µg/kg dry	67.1	40.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 67.1		µg/kg dry	67.1	34.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 67.1		µg/kg dry	67.1	55.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 67.1		µg/kg dry	67.1	41.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 67.1		µg/kg dry	67.1	62.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 67.1		µg/kg dry	67.1	27.7	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321105	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C15-BR9-0"	183572.4445.0710	Brick	30-Aug-13 10:05	30-Aug-13
SB75966-54				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 65.0		µg/kg dry	65.0	48.6	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321037	X
11104-28-2	Aroclor-1221	< 65.0		µg/kg dry	65.0	58.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 65.0		µg/kg dry	65.0	41.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 65.0		µg/kg dry	65.0	39.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 65.0		µg/kg dry	65.0	33.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 65.0		µg/kg dry	65.0	54.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 65.0		µg/kg dry	65.0	40.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 65.0		µg/kg dry	65.0	60.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 65.0		µg/kg dry	65.0	26.8	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	99.2		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321105	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C15-BR10-0"	183572.4445.0710	Brick	30-Aug-13 10:10	30-Aug-13
SB75966-55				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.1		µg/kg dry	64.1	47.9	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321037	X
11104-28-2	Aroclor-1221	< 64.1		µg/kg dry	64.1	57.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.1		µg/kg dry	64.1	41.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.1		µg/kg dry	64.1	38.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.1		µg/kg dry	64.1	33.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.1		µg/kg dry	64.1	53.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.1		µg/kg dry	64.1	39.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.1		µg/kg dry	64.1	59.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.1		µg/kg dry	64.1	26.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	98.6		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321105	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C15-CO1-0"	183572.4445.0710	Concrete	30-Aug-13 10:20	30-Aug-13
[redacted]66-56				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.5		µg/kg dry	64.5	48.2	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321037	X
11104-28-2	Aroclor-1221	< 64.5		µg/kg dry	64.5	58.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.5		µg/kg dry	64.5	41.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.5		µg/kg dry	64.5	38.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.5		µg/kg dry	64.5	33.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 64.5		µg/kg dry	64.5	53.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.5		µg/kg dry	64.5	40.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.5		µg/kg dry	64.5	60.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.5		µg/kg dry	64.5	26.6	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*35*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	99.3		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321105	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C20-CO1-0" SB75966-57	183572.4445.0710	Concrete	29-Aug-13 09:00	30-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 60.4		µg/kg dry	60.4	45.2	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321037	X
11104-28-2	Aroclor-1221	< 60.4		µg/kg dry	60.4	54.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 60.4		µg/kg dry	60.4	38.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 60.4		µg/kg dry	60.4	35.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 60.4		µg/kg dry	60.4	31.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 60.4		µg/kg dry	60.4	50.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 60.4		µg/kg dry	60.4	37.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 60.4		µg/kg dry	60.4	56.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 60.4		µg/kg dry	60.4	24.9	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*45*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	97.5		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321105	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MT-C33-CO1-0" [redacted]66-58	183572.4445.0710	Concrete	29-Aug-13 15:00	30-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls													
Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 64.4		µg/kg dry	64.4	48.1	1	SW846 8082A	30-Aug-13	04-Sep-13	BLM	1321037	X
11104-28-2	Aroclor-1221	< 64.4		µg/kg dry	64.4	58.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 64.4		µg/kg dry	64.4	41.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 64.4		µg/kg dry	64.4	38.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 64.4		µg/kg dry	64.4	33.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254 [2C]	93.3		µg/kg dry	64.4	37.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 64.4		µg/kg dry	64.4	39.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 64.4		µg/kg dry	64.4	59.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 64.4		µg/kg dry	64.4	26.5	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*50*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
[redacted]	% Solids	96.5		%			1	SM2540 G Mod.	03-Sep-13	03-Sep-13	DJB	1321105	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1321030 - SW846 3540C										
Blank (1321030-BLK1)					Prepared: 30-Aug-13 Analyzed: 03-Sep-13					
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
LCS (1321030-BS1)					Prepared: 30-Aug-13 Analyzed: 03-Sep-13					
Aroclor-1016	**169**		µg/kg wet	20.0	250		68	40-140		
Aroclor-1016 [2C]	**183**		µg/kg wet	20.0	250		73	40-140		
Aroclor-1260	**175**		µg/kg wet	20.0	250		70	40-140		
Aroclor-1260 [2C]	**218**		µg/kg wet	20.0	250		87	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.0*		µg/kg wet		*20.0*		*140*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*23.0*		µg/kg wet		*20.0*		*115*	*30-150*		
LCS Dup (1321030-BSD1)					Prepared: 30-Aug-13 Analyzed: 03-Sep-13					
Aroclor-1016	**176**		µg/kg wet	20.0	250		70	40-140	4	30
Aroclor-1016 [2C]	**187**		µg/kg wet	20.0	250		75	40-140	2	30
Aroclor-1260	**146**		µg/kg wet	20.0	250		58	40-140	18	30
Aroclor-1260 [2C]	**185**		µg/kg wet	20.0	250		74	40-140	16	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*20.0*		µg/kg wet		*20.0*		*100*	*30-150*		
Batch 1321031 - SW846 3540C										
Blank (1321031-BLK1)					Prepared: 30-Aug-13 Analyzed: 03-Sep-13					
Aroclor-1016	< 66.7		µg/kg wet	66.7						
Aroclor-1016 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1221	< 66.7		µg/kg wet	66.7						
Aroclor-1221 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1232	< 66.7		µg/kg wet	66.7						
Aroclor-1232 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1242	< 66.7		µg/kg wet	66.7						
Aroclor-1242 [2C]	< 66.7		µg/kg wet	66.7						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1321031 - SW846 3540C										
Blank (1321031-BLK1)					Prepared: 30-Aug-13 Analyzed: 03-Sep-13					
Aroclor-1248	< 66.7		µg/kg wet	66.7						
Aroclor-1248 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1254	< 66.7		µg/kg wet	66.7						
Aroclor-1254 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1260	< 66.7		µg/kg wet	66.7						
Aroclor-1260 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1262	< 66.7		µg/kg wet	66.7						
Aroclor-1262 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1268	< 66.7		µg/kg wet	66.7						
Aroclor-1268 [2C]	< 66.7		µg/kg wet	66.7						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*36.7*		µg/kg wet		*66.7*		*55*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*33.3*		µg/kg wet		*66.7*		*50*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*43.3*		µg/kg wet		*66.7*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*36.7*		µg/kg wet		*66.7*		*55*	*30-150*		
LCS (1321031-BS1)					Prepared: 30-Aug-13 Analyzed: 03-Sep-13					
Aroclor-1016	**680**		µg/kg wet	66.7	833		82	40-140		
Aroclor-1016 [2C]	**627**		µg/kg wet	66.7	833		75	40-140		
Aroclor-1260	**673**		µg/kg wet	66.7	833		81	40-140		
Aroclor-1260 [2C]	**613**		µg/kg wet	66.7	833		74	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*76.7*		µg/kg wet		*66.7*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*56.7*		µg/kg wet		*66.7*		*85*	*30-150*		
LCS Dup (1321031-BSD1)					Prepared: 30-Aug-13 Analyzed: 03-Sep-13					
Aroclor-1016	**677**		µg/kg wet	66.7	833		81	40-140	0.5	30
Aroclor-1016 [2C]	**620**		µg/kg wet	66.7	833		74	40-140	1	30
Aroclor-1260	**670**		µg/kg wet	66.7	833		80	40-140	0.5	30
Aroclor-1260 [2C]	**573**		µg/kg wet	66.7	833		69	40-140	7	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*56.7*		µg/kg wet		*66.7*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*80.0*		µg/kg wet		*66.7*		*120*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*56.7*		µg/kg wet		*66.7*		*85*	*30-150*		
Duplicate (1321031-DUP1)			**Source: SB75966-06**		Prepared: 30-Aug-13 Analyzed: 03-Sep-13					
Aroclor-1016	< 62.3		µg/kg dry	62.3		BRL				30
Aroclor-1016 [2C]	< 62.3		µg/kg dry	62.3		BRL				30
Aroclor-1221	< 62.3		µg/kg dry	62.3		BRL				30
Aroclor-1221 [2C]	< 62.3		µg/kg dry	62.3		BRL				30
Aroclor-1232	< 62.3		µg/kg dry	62.3		BRL				30
Aroclor-1232 [2C]	< 62.3		µg/kg dry	62.3		BRL				30
Aroclor-1242	< 62.3		µg/kg dry	62.3		BRL				30
Aroclor-1242 [2C]	< 62.3		µg/kg dry	62.3		BRL				30
Aroclor-1248	< 62.3		µg/kg dry	62.3		BRL				30
Aroclor-1248 [2C]	< 62.3		µg/kg dry	62.3		BRL				30
Aroclor-1254	< 62.3		µg/kg dry	62.3		BRL				30
Aroclor-1254 [2C]	< 62.3		µg/kg dry	62.3		BRL				30
Aroclor-1260	**872**		µg/kg dry	62.3		960			10	30
Aroclor-1260 [2C]	**645**		µg/kg dry	62.3		799			21	30
Aroclor-1262	< 62.3		µg/kg dry	62.3		BRL				30
Aroclor-1262 [2C]	< 62.3		µg/kg dry	62.3		BRL				30
Aroclor-1268	< 62.3		µg/kg dry	62.3		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1321031 - SW846 3540C										
Duplicate (1321031-DUP1)			**Source: SB75966-06**		Prepared: 30-Aug-13 Analyzed: 03-Sep-13					
Aroclor-1268 [2C]	< 62.3		µg/kg dry	62.3		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*46.7*		µg/kg dry		*62.3*		*75*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*43.6*		µg/kg dry		*62.3*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*49.9*		µg/kg dry		*62.3*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*34.3*		µg/kg dry		*62.3*		*55*	*30-150*		
Matrix Spike (1321031-MS1)			**Source: SB75966-06**		Prepared: 30-Aug-13 Analyzed: 03-Sep-13					
Aroclor-1016	**636**		µg/kg dry	64.2	803	BRL	79	40-140		
Aroclor-1016 [2C]	**556**		µg/kg dry	64.2	803	BRL	69	40-140		
Aroclor-1260	**1520**		µg/kg dry	64.2	803	960	69	40-140		
Aroclor-1260 [2C]	**1270**		µg/kg dry	64.2	803	799	59	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*48.2*		µg/kg dry		*64.2*		*75*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*45.0*		µg/kg dry		*64.2*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*51.4*		µg/kg dry		*64.2*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*35.3*		µg/kg dry		*64.2*		*55*	*30-150*		
Matrix Spike Dup (1321031-MSD1)			**Source: SB75966-06**		Prepared: 30-Aug-13 Analyzed: 03-Sep-13					
Aroclor-1016	**558**		µg/kg dry	66.5	831	BRL	67	40-140	16	30
Aroclor-1016 [2C]	**459**		µg/kg dry	66.5	831	BRL	55	40-140	23	30
Aroclor-1260	**1090**	QM7	µg/kg dry	66.5	831	960	15	40-140	128	30
Aroclor-1260 [2C]	**974**	QM7	µg/kg dry	66.5	831	799	21	40-140	95	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*39.9*		µg/kg dry		*66.5*		*60*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*36.6*		µg/kg dry		*66.5*		*55*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*39.9*		µg/kg dry		*66.5*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*29.9*		µg/kg dry		*66.5*		*45*	*30-150*		
Batch 1321032 - SW846 3540C										
Blank (1321032-BLK1)					Prepared: 30-Aug-13 Analyzed: 03-Sep-13					
Aroclor-1016	< 66.7		µg/kg wet	66.7						
Aroclor-1016 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1221	< 66.7		µg/kg wet	66.7						
Aroclor-1221 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1232	< 66.7		µg/kg wet	66.7						
Aroclor-1232 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1242	< 66.7		µg/kg wet	66.7						
Aroclor-1242 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1248	< 66.7		µg/kg wet	66.7						
Aroclor-1248 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1254	< 66.7		µg/kg wet	66.7						
Aroclor-1254 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1260	< 66.7		µg/kg wet	66.7						
Aroclor-1260 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1262	< 66.7		µg/kg wet	66.7						
Aroclor-1262 [2C]	< 66.7		µg/kg wet	66.7						
Aroclor-1268	< 66.7		µg/kg wet	66.7						
Aroclor-1268 [2C]	< 66.7		µg/kg wet	66.7						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*36.7*		µg/kg wet		*66.7*		*55*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*33.3*		µg/kg wet		*66.7*		*50*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*36.7*		µg/kg wet		*66.7*		*55*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*30.0*		µg/kg wet		*66.7*		*45*	*30-150*		
LCS (1321032-BS1)					Prepared: 30-Aug-13 Analyzed: 03-Sep-13					
Aroclor-1016	**630**		µg/kg wet	66.7	833		76	40-140		
Aroclor-1016 [2C]	**533**		µg/kg wet	66.7	833		64	40-140		

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1321032 - SW846 3540C										
LCS (1321032-BS1)					Prepared: 30-Aug-13 Analyzed: 03-Sep-13					
Aroclor-1260	**560**		µg/kg wet	66.7	833		67	40-140		
Aroclor-1260 [2C]	**403**		µg/kg wet	66.7	833		48	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*46.7*		µg/kg wet		*66.7*		*70*	*30-150*		
LCS Dup (1321032-BSD1)					Prepared: 30-Aug-13 Analyzed: 03-Sep-13					
Aroclor-1016	**637**		µg/kg wet	66.7	833		76	40-140	1	30
Aroclor-1016 [2C]	**540**		µg/kg wet	66.7	833		65	40-140	1	30
Aroclor-1260	**577**		µg/kg wet	66.7	833		69	40-140	3	30
Aroclor-1260 [2C]	**420**		µg/kg wet	66.7	833		50	40-140	4	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*53.3*		µg/kg wet		*66.7*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*60.0*		µg/kg wet		*66.7*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*46.7*		µg/kg wet		*66.7*		*70*	*30-150*		
Duplicate (1321032-DUP1)			Source: SB75966-26		Prepared: 30-Aug-13 Analyzed: 03-Sep-13					
Aroclor-1016	< 64.1		µg/kg dry	64.1		BRL				30
Aroclor-1016 [2C]	< 64.1		µg/kg dry	64.1		BRL				30
Aroclor-1221	< 64.1		µg/kg dry	64.1		BRL				30
Aroclor-1221 [2C]	< 64.1		µg/kg dry	64.1		BRL				30
Aroclor-1232	< 64.1		µg/kg dry	64.1		BRL				30
Aroclor-1232 [2C]	< 64.1		µg/kg dry	64.1		BRL				30
Aroclor-1242	< 64.1		µg/kg dry	64.1		BRL				30
Aroclor-1242 [2C]	< 64.1		µg/kg dry	64.1		BRL				30
Aroclor-1248	< 64.1		µg/kg dry	64.1		BRL				30
Aroclor-1248 [2C]	< 64.1		µg/kg dry	64.1		BRL				30
Aroclor-1254	< 64.1		µg/kg dry	64.1		BRL				30
Aroclor-1254 [2C]	< 64.1		µg/kg dry	64.1		BRL				30
Aroclor-1260	< 64.1		µg/kg dry	64.1		BRL				30
Aroclor-1260 [2C]	< 64.1		µg/kg dry	64.1		BRL				30
Aroclor-1262	< 64.1		µg/kg dry	64.1		BRL				30
Aroclor-1262 [2C]	< 64.1		µg/kg dry	64.1		BRL				30
Aroclor-1268	< 64.1		µg/kg dry	64.1		BRL				30
Aroclor-1268 [2C]	< 64.1		µg/kg dry	64.1		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*44.9*		µg/kg dry		*64.1*		*70*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*41.7*		µg/kg dry		*64.1*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.8*		µg/kg dry		*64.1*		*45*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*22.4*		µg/kg dry		*64.1*		*35*	*30-150*		
Matrix Spike (1321032-MS1)			Source: SB75966-26		Prepared: 30-Aug-13 Analyzed: 04-Sep-13					
Aroclor-1016	**561**		µg/kg dry	57.5	719	BRL	78	40-140		
Aroclor-1016 [2C]	**400**		µg/kg dry	57.5	719	BRL	56	40-140		
Aroclor-1260	**431**		µg/kg dry	57.5	719	BRL	60	40-140		
Aroclor-1260 [2C]	**319**		µg/kg dry	57.5	719	BRL	44	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*43.1*		µg/kg dry		*57.5*		*75*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*40.2*		µg/kg dry		*57.5*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*31.6*		µg/kg dry		*57.5*		*55*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*25.9*		µg/kg dry		*57.5*		*45*	*30-150*		
Matrix Spike Dup (1321032-MSD1)			Source: SB75966-26		Prepared: 30-Aug-13 Analyzed: 04-Sep-13					
Aroclor-1016	**650**		µg/kg dry	60.2	752	BRL	86	40-140	10	30
Aroclor-1016 [2C]	**508**		µg/kg dry	60.2	752	BRL	68	40-140	19	30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1321032 - SW846 3540C										
Matrix Spike Dup (1321032-MSD1)			**Source: SB75966-26**		Prepared: 30-Aug-13 Analyzed: 04-Sep-13					
Aroclor-1260	**514**		µg/kg dry	60.2	752	BRL	68	40-140	13	30
Aroclor-1260 [2C]	**391**		µg/kg dry	60.2	752	BRL	52	40-140	16	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*51.1*		µg/kg dry		*60.2*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*51.1*		µg/kg dry		*60.2*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*36.1*		µg/kg dry		*60.2*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*30.1*		µg/kg dry		*60.2*		*50*	*30-150*		
Batch 1321037 - SW846 3540C										
Blank (1321037-BLK1)						Prepared: 30-Aug-13 Analyzed: 04-Sep-13				
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.0*		µg/kg wet		*20.0*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*13.0*		µg/kg wet		*20.0*		*65*	*30-150*		
LCS (1321037-BS1)						Prepared: 30-Aug-13 Analyzed: 04-Sep-13				
Aroclor-1016	**199**		µg/kg wet	20.0	250		80	40-140		
Aroclor-1016 [2C]	**183**		µg/kg wet	20.0	250		73	40-140		
Aroclor-1260	**205**		µg/kg wet	20.0	250		82	40-140		
Aroclor-1260 [2C]	**136**		µg/kg wet	20.0	250		54	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*14.0*		µg/kg wet		*20.0*		*70*	*30-150*		
LCS Dup (1321037-BSD1)						Prepared: 30-Aug-13 Analyzed: 04-Sep-13				
Aroclor-1016	**198**		µg/kg wet	20.0	250		79	40-140	0.5	30
Aroclor-1016 [2C]	**177**		µg/kg wet	20.0	250		71	40-140	3	30
Aroclor-1260	**204**		µg/kg wet	20.0	250		82	40-140	0.5	30
Aroclor-1260 [2C]	**135**		µg/kg wet	20.0	250		54	40-140	0.7	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*16.0*		µg/kg wet		*20.0*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*14.0*		µg/kg wet		*20.0*		*70*	*30-150*		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1321102 - General Preparation										
Duplicate (1321102-DUP1)			Source: SB75966-10			Prepared & Analyzed: 03-Sep-13				
% Solids	99.5		%			99.5			0.06	20
Batch 1321104 - General Preparation										
Duplicate (1321104-DUP1)			Source: SB75966-32			Prepared & Analyzed: 03-Sep-13				
% Solids	98.1		%			98.1			0.01	20
Batch 1321105 - General Preparation										
Duplicate (1321105-DUP1)			Source: SB75966-50			Prepared & Analyzed: 03-Sep-13				
% Solids	97.9		%			97.9			0.05	20

Notes and Definitions

QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
R01	The Reporting Limit has been raised to account for matrix interference.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
Kimberly Wisk

CT DA[redacted] Rates Apply

SB 7 [redacted] de SUM

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 6

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 day 3 Day Per MK
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Henry Laliberte
21 Griffin Rd North
Windsor, CT
06095
Telephone #: 860-298-6266
Project Mgr. Henry Laliberte

Invoice To: Henry Laliberte
P.O. No.: C183572 RQN:

Project No.: 183572.4445.0710
Site Name: BIA - Murphy Terminal
Location: Windsor Locks State: CT
Sampler(s): Greg Kaczynski, Mike Kostrowski

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= Cool 12=

List preservative code below: 11

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= Brick X3=

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analyses: 8082/3540 C

QA/QC Reporting Notes:
* additional charges may apply

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV* ☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540 C	State-specific reporting standards:
SB25[redacted] 01	MT-C2-C01-0"	8/27/13	1316	G	X1			1		X	1st Floor - Office 35
02	MT-C2-CM1-0"		1425								Basement - Rm 155 Vent
03	MT-C2-CM2-0"		1430								" - Window
04	MT-C2-BR1-0"		1310		X2						1st Floor office 35
05	MT-C2-BR2-0"		1340								1st Floor - Office 19
06	MT-C12-C01-0"	8/28/13	0835		X1						Basement - 149 Corridor
07	MT-C12-C02-0"		0846								Basement
08	MT-C12-BR1-0"		0845		X2						
09	MT-C15-FB1-0"	8/27/13	1117		X1						2nd Floor Kitchen - South
10	MT-C15-FB2-0"		1125								" - North

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	DEC	8/30/13	1150	
DEC	JLH	8/30/13	1645	
2.4	4.4 IR			

☐ EDD Format
☒ E-mail to Henry Laliberte
HLaliberte@trcsolutions.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☒ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

CT DAS Rates Apply

SB75916 SM

SPECTRUM ANALYTICAL, INC.
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CHAIN OF CUSTODY RECORD

Page 1 of 6

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 5 day, 3 Day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same

Telephone #:

Project Mgr.

Invoice To: Same

P.O. No.: RQN:

Project No.: 183572.4445.6710

Site Name: BIA - ~~Concourse A~~ Murphy Terminal

Location: Windsor Locks State: CT

Sampler(s): GK, ~~[illegible]~~ MK

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= Cool 12=

List preservative code below: 11

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= Brick X3=

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analyses: 8260/5540C

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8260/5540C	Analyses	State-specific reporting standards
SB75916-11	MT-C15-CM2-0"	8/28/13	0810	G	X1			1		✓		1st Floor closet next to Jazz 7
12	MT-C15-BR1-0"		0915		X2							3rd Flr - South exterior
13	MT-C15-BR2-0"		0935									3rd Flr - NW - exterior
14	MT-C15-BR3-0"		0940									3rd Flr - North Center - exterior
15	MT-C15-BR4-0"		0945									~~[illegible]~~ 3rd Flr - exterior NE
16	MT-C15-BR5-0"		1105									~~[illegible]~~
17	MT-C1	8/28/13	0912		X1							4th Floor, South - exterior
18	MT-C2		0925									Ext basement - Loading Dock
19	MT-C3		0916									
20	MT-C4		0930									Exterior - Basement/Pub. Side

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	8/30/13	1:50	
DEC	[signature]	8/30/13	1645	

☐ EDD Format
☒ E-mail to Same

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☒ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

2.4/-1/14 IR 01

CT [illegible] Rates Apply. SB7[illegible]

SPECTRUM ANALYTICAL, INC.
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CHAIN OF CUSTODY RECORD

Page 3 of 6

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: ~~5 day~~ 3 Day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Same

Telephone #:

Project Mgr.

Invoice To: Same

P.O. No.: RQN:

Project No.: 183572.4445.0710
Site Name: BIA-Murphy Terminal
Location: Windsor Locks State: CT
Sampler(s): MK, GK

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= Cool 12=

List preservative code below: 11

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater AS-Asphalt
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= X2= X3=

G=Grab C=Composite

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: 8082/5590C	
183572516021	MT-A1	8/28/13	0935	G	AS		1	1		1	Exterior - Basement - Pub. Side
22	MT-A2		0940								
23	MT-A3	8/29/13	0905								
24	MT-A4		0910								
25	MT-A5		0915								
26	MT-A6		0918								
27	MT-A7		0924								Ext, ground, W, public
28	MT-A8		0936								
29	MT-A9		0950								Ext - Pub Side, ground and
30	MT-A10		0953								0955

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	DEC	8/30/13	1:50	
DEC	JH	8/30/13	1:45	
2-4/-1/14 IRa				

☐ EDD Format
☐ E-mail to Same

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☒ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

CT DAS Rate Apply

SPECTRUM ANALYTICAL, INC.
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HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 4 of 6

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 3 Day TAT
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: (Same as Page 1)

Telephone #:

Project Mgr.

Invoice To: (Same as Page 1)

P.O. No.: C183572 RQN:

Project No.: 183572.4445.0710

Site Name: BIA-Murphy Terminal

Location: Windsor Locks State: CT

Sampler(s): G.K./MK

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= Cool 12=

List preservative code below: 11

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater A5-Asphalt
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= X3=

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540C	State-specific reporting standards
SB 31	MT-A5 11	8/29/13	0957	G	A5			1		X	Ext, pub side, Grand (grand overpass)
32	MT-C5		1008		X1					X	Ext, pub side, grand, west
33	MT-C6		1012							X	
34	MT-C7		1014							X	
35	MT-C8		1016							X	
36	MT-C9		1030							X	Ext, Arcade, grand, west
37	MT-C10		1100							X	Ext, pub side, 1st floor
38	MT-C11		1102							X	
39	MT-C12		1104							X	
40	MT-C13		1107							X	

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	8/30/13	1:50	
[signature]	[signature]	8/30/13	1645	

☐ EDD Format
☒ E-mail to HLaliberte@TRCsolutions.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☒ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

24/-1/1.4 IR 01

CT PA[redacted] Rate Apply ✓ SB[redacted]

SPECTRUM ANALYTICAL, INC.
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CHAIN OF CUSTODY RECORD

Page 5 of 6

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 3 Day TAT
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: (Same as Page 1)

Telephone #:

Project Mgr.

Invoice To: (Same as Page 1)

P.O. No.: CR83572 RQN:

Project No.: 18357 2.4445.0710

Site Name: BIA - Murphy Terminal

Location: Windsor Locks State: CT

Sampler(s): G. K. / M. K.

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= Ice 12=

List preservative code below: 11

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater AS=Asphalt
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Concrete X2= Brick X3=

G=Grab C=Composite

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA* ☐ NY ASP A* ☐ NY ASP B* ☐ NJ Reduced* ☐ NJ Full* ☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540C							State-specific reporting standards:
S13[redacted]	MT-C14	8/29/13	1108	G	X1			1		X							Ext, Pub Side, 1st Floor
42	MT-C15		1111							X							
43	MT-C16		1114							X							
44	MT-C17		1115							X							
45	MT-C18		1118							X							
46	MT-C19		1520							X							Ext, Airside, Ground, East
47	MT-C20		1525							X							Ext, Airside, Ground, Center
48	MT-C2-BR3-0"	8/29/13	0850		X2					X							Ext, Basement, Pub Side
49	MT-C2-BR4-0"		0855							X							
50	MT-C11-A2-0"		1040		[redacted]					X							Exterior, Airside, West

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DEC	DEC	8/30/13	1160	
	JCH	8/30/13	1645	

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Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☒ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

2.4 / 1 / 1.4 R C1

CT DAS Rates Apply

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 6 of 6

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 3 Day TAT
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- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: (Same as Page 1)

Telephone #:

Project Mgr.

Invoice To: (Same as Page 1)

P.O. No.: C183572 RQN:

Project No.: 183572.44510710

Site Name: BTA - Murphy Terminal

Location: Windsor Locks State: CT

Sampler(s): G.K. / M.K.

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= CCO 12=

List preservative code below: 11

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1=Concrete X2= Brick X3=

G=Grab C=Composite

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other

State-specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8082/3540C								
56	MT-C15-B86-0"	8/30/13	0950	X2	G			1		X								2nd Floor, Ext, North S.P.
57	MT-C15-B87-0"		0955							X								
58	MT-C15-B88-0"		1000							X								1st Floor Ext. Elev. W
59	MT-C15-B89-0"		1005							X								" " C
60	MT-C15-B90-0"		1010							X								" " E
61	MT-C15-B91-0"		1020	X1						X								2nd Floor, ext, boardroom.
62	MT-C15-B01-01-0"	8/29/13	0900							X								Ext, Basement, Rubble Side
63	MT-C15-B01-02-0"		1500							X								Mart Lanne 14 Roof.
										X								
										X								

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	8/30/13	1:50	
	[signature]	8/30/13	1645	

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☒ E-mail to hlaliberte@TRCsolutions.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☒ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

2.4 / -1 / 1.4 IR 011