PROJECT MANUAL

Project # 901376

Storrs, Connecticut
New Engineering and Science Building

Bid Documents

Appendices 1 of 2

UCONN
UNIVERSITY OF CONNECTICUT

State of Connecticut

University of Connecticut
Planning, Architectural and Engineering Services

Susan Herbst
President

Prepared By:

Mitchell|Giurgola Architects, LLP.
630 Ninth Avenue
New York, NY 10036

February 20, 2015

PROJECT MANUAL

Project # 901376

Storrs, Connecticut
New Engineering and Science Building

Bid Documents
Appendix 1

REPORT ON GEOTECHNICAL ENGINEERING ASESSMENT AND PRELIMINARY ENVIRONMENTAL PRECHARACTERIZATION PROGRAM – AUGUST, 2014
ADDITIONAL SUBSURFACE EXPLORATIONS AND GEOTECHNICAL ENGINEERING CONSIDERATIONS – 19 DECEMBER, 2014

February 20, 2015

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MEMORANDUM

19 December 2014
File No. 36190-003

TO: Mitchell | Giurgola Architects, LLP
Mr. John Doherty

FROM: Haley & Aldrich, Inc.
Timothy Crowl, P.E.

SUBJECT: Additional Subsurface Explorations and Geotechnical Engineering Considerations
Proposed New Engineering & Science Building
University of Connecticut
Storrs, Connecticut

This memorandum transmits results of recent additional subsurface explorations conducted at the subject site in connection with environmental pre-characterization services provided by Haley & Aldrich. The memorandum supplements our Geotechnical Engineering Report for the project dated 20 August 2014. Results of our pre-characterization program are summarized separately in our report titled "Report on Environmental Precharacterization Program, Proposed Science and Engineering Building, University of Connecticut, Storrs, Connecticut", dated 19 December 2014.

Subsurface Explorations

A total of 14 additional test borings (B101 through B111, and B113 through B115) were drilled at the site by General Borings, Inc. between 21 and 26 November 2014. The boring locations and depths were typically planned to accommodate environmental pre-characterization requirements. However, borings B112 (not drilled to due utility conflicts) and B113 were also planned to obtain additional subsurface information for geotechnical design.

The borings were advanced to depths ranging between 6 and 26.4 ft. below ground surface at the approximate locations shown on the attached Figure 1. The borings were typically advanced with hollow-stem auger techniques. An exception is that the upper 10 ft. at B113 were advanced using vacuum drilling techniques due to concerns with potential underground utility conflicts. Soil samples were obtained from the upper 10 ft. using a hand auger as the borehole was advanced by vacuum drilling. Boring B112 was also initiated using vacuum drilling due to utility concerns, but was not completed as boreholes could not be advanced below a depth of 4 ft. after three attempts due to very dense soil conditions. An environmental sample was obtained from a nearby excavation (labelled TP112) conducted by others in connection with abandonment of an existing gas line.

Test boring locations and ground surface elevations were surveyed by Manafort Brothers, Inc. Logs of test borings are attached.

Subsurface Conditions

Subsurface conditions encountered at the B100-series borings typically consist of fill overlying glaciofluvial deposits and/or glacial till, and are generally similar to those encountered at other borings at the site. The borings were terminated in fill, glaciofluvial soils, or glacial till, with borings B105, B106, and B109 terminating upon auger refusal on apparent bedrock. At those locations, the apparent top of bedrock was encountered at El. 579.1 to El. 581.4 (15.3 to 19.5 ft. below ground surface).

Refer to the attached test boring logs for detailed descriptions of subsurface conditions encountered at the borings, and Table I for a generalized summary of subsurface conditions encountered at all of the borings at site.

Geotechnical Engineering Recommendations

Geotechnical engineering recommendations presented in our report dated 20 August 2014 remain applicable based on the recent subsurface information, with the following additional comments:

- Bedrock excavation will likely be required in the area near borings B105, B106, and B09 in connection with footing construction and/or the basement floor slab and underslab drainage system in the basement (finished floor at El. 582.5). Bedrock in this area appears to be an extension of relatively high rock encountered at other borings near the southwestern corner of the building, including borings B2 and B9.

  It should be noted that the rock elevation encountered at B106 (El. 580.7) is approximately 10 ft. higher than that encountered at nearby boring B3 (El. 570.5). This may indicate a relatively abrupt step in the bedrock surface, or it is possible that boring refusal at B106 was on a boulder rather than bedrock.

- Similar to conditions encountered at boring B6, relatively loose glaciofluvial deposits were encountered at boring B110 at or slightly below anticipated footing bearing levels. As noted in our Geotechnical Engineering Report, these materials are not suitable for foundation support and overexcavation and replacement with lean concrete fill will be necessary where they are encountered during construction.

Closing

Thank you for the opportunity to continue assisting you with this project. Please contact us if you have any questions or need additional information at this time.

Attachments
- Table I – Summary of Subsurface Explorations
- Figure 1 – Subsurface Exploration Plan
- Logs of B-100 Series Test Borings

TABLE I
SUMMARY OF SUBSURFACE EXPLORATIONS
PROPOSED SCIENCE & ENGINEERING BUILDING
UNIVERSITY OF CONNECTICUT, STORRS, CONNECTICUT

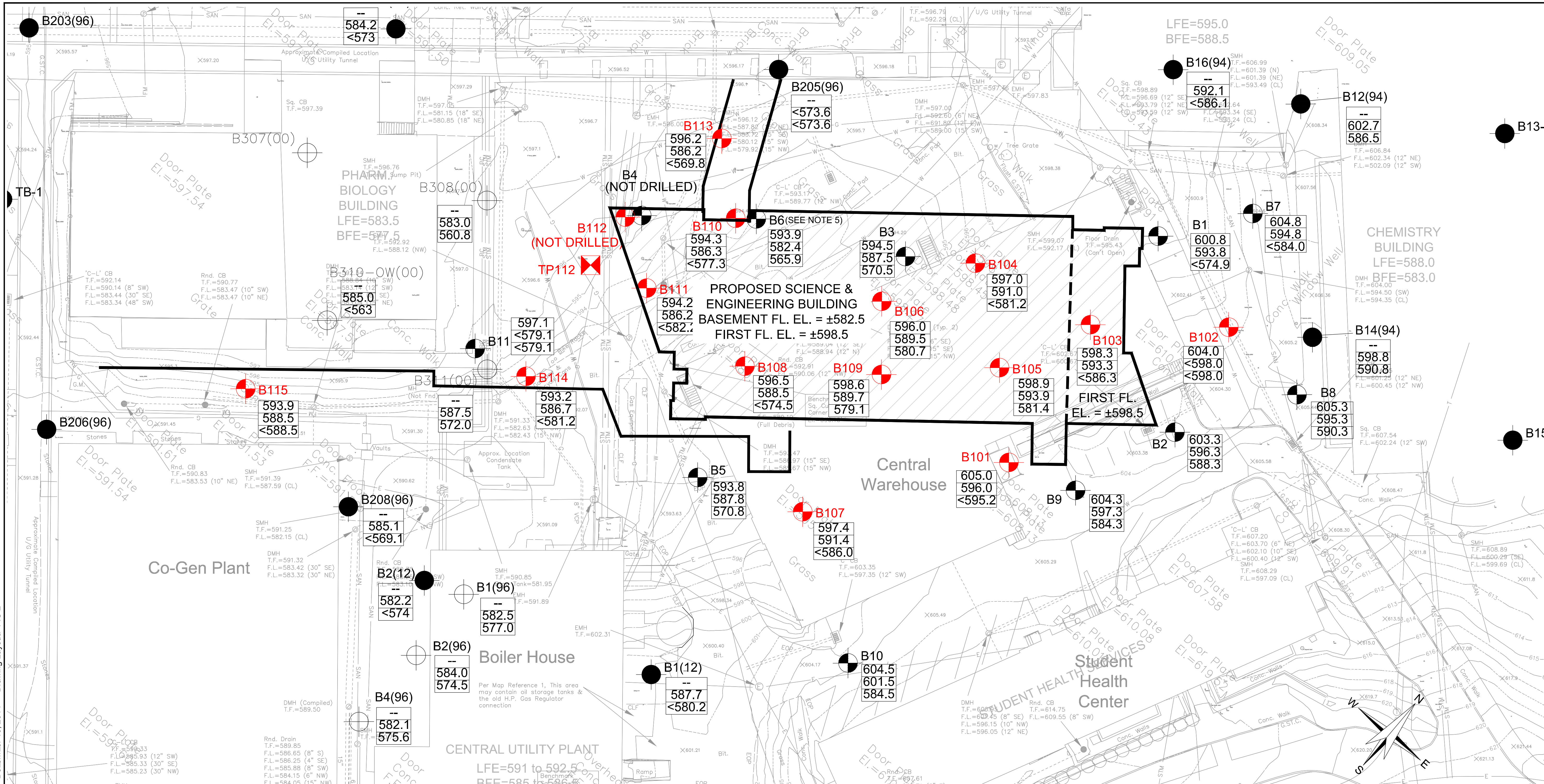
EXPLORATION NO.		APPROX. GROUND SURFACE ELEVATION (FT)	TOTAL DEPTH (FT)	THICKNESS OF STRATA (FT)							APPROX. DEPTH TO SUITABLE BEARING MATERIAL (FT)		APPROX. DEPTH TO BEDROCK (FT)		WATER LEVEL (FT)	
		NGVD29		ASPHALT / CONCRETE	TOPSOIL	FILL	ALLUVIAL DEPOSITS	GLACIOFLUVIAL DEPOSITS	GLACIAL TILL	WEATHERED BEDROCK	DEPTH	ELEV.	DEPTH	ELEV.	DEPTH	ELEV.
Recent Explorations																
B1	R	600.8	25.9	0.6	--	6.4	--	--	> 18.9	--	7.0	593.8	--	--	--	--
B2	C	603.3	24.0	0.3	--	6.7	--	--	8.0	4.0	7.0	596.3	15.0	588.3	--	--
B3	C	594.5	35.0	0.5	--	6.5	--	--	17.0	6.0	7.0	587.5	24.0	570.5	--	--
B4 (Not Drilled)		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B5	C	593.8	28.0	0.3	--	5.7	--	4.0	13.0	--	6.0	587.8	23.0	570.8	--	--
B6	R	593.9	30.0	--	0.3	4.7	6.5	3.5	13.0	> 2.0	11.5	582.4 (7)	28.0	565.9	17.0	576.9
B7	R	604.8	20.8	--	0.3	9.7	--	--	> 10.8	--	10.0	594.8	--	--	--	--
B8	R	605.3	17.5	--	--	10	--	--	5.0	2.5	10.0	595.3	15.0	590.3	--	--
B9(OW)	R	604.3	20.1	0.3	--	6.7	--	13.0	--	> 0.1	7.0	597.3	20.0	584.3	11.6	592.7
B10	R	604.5	25.3	0.2	--	2.8	--	10.0	7.0	> 5.3	3.0	601.5	20.0	584.5	24.0	580.5
B11	R	597.1	18.0	--	0.3	> 17.7	--	--	--	--	> 18.0	< 579.1	--	--	--	--
B101	R	605.0	9.8	--	--	9.0	--	> 0.8	--	--	9.0	596.0	--	--	--	--
B102		604.0	6.0	--	2.0	>4.0	--	--	--	--	> 6.0	< 598.0	--	--	--	--
B103		598.3	12.0	--	--	5.0	--	--	> 7.0	--	5.0	593.3	--	--	--	--
B104	R	597.0	15.8	--	--	6.0	--	--	> 9.8	--	6.0	591.0	--	--	--	--
B105	R	598.9	17.5	--	--	5.0	--	--	12.5	--	5.0	593.9	17.5	581.4	--	--
B106	R	596.0	15.3	--	--	6.5	--	--	8.8	--	6.5	589.5	15.3	580.7	--	--
B107	R	597.4	11.4	--	--	6.0	--	--	> 5.4	--	6.0	591.4	--	--	--	--
B108		596.5	22.0	--	--	8.0	--	12.0	> 2	--	8.0	588.5	--	--	17.0	579.5
B109	R	598.6	19.5	--	--	8.9	--	6.1	4.5	--	8.9	589.7	19.5	579.1	--	--
B110		594.3	17.0	--	--	6.0	2.0	> 9.0	--	--	8.0	586.3	--	--	--	--
B111		594.2	12.0	--	--	8.0	--	> 4.0	--	--	8.0	586.2	--	--	--	--
B112 (Not Drilled)		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B113	R	596.2	26.4	--	1.0	9.0	--	12.0	> 4.4	--	10.0	586.2	--	--	--	--
B114		593.2	12.0	0.9	--	5.6	--	> 5.5	--	--	6.5	586.7	--	--	--	--
B115		593.9	5.4	--	0.5	> 4.9	--	--	--	--	> 5.4	< 588.5	--	--	--	--
Previous Explorations																
B-1(12)		602.2	22.0	--	--	14.5	--	--	> 7.5	--	14.5	587.7	--	--	18.0	584.2
B-2(12)		591.0	17.0	0.4	--	8.4	--	--	> 8.2	--	8.8	582.2	--	--	9.0	582.0
B308(00)	C	592.0	41.0	--	--	4.5	4.5	--	22.2	4.8	9.0	583.0	31.2	560.8	14.0	578.0
B310-OW(00)		590.0	27.0	0.3	--	2.7	2.0	--	> 22	--	5.0	585.0	--	--	8.9	581.1
B311(00)		592.0	27.0	0.5	--	4.0	--	--	15.5	> 7.0	4.5	587.5	20.0	572.0	10.0	582.0
B1(96)		591.0	18.0	0.3	--	8.2	--	--	5.5	> 4.0	8.5	582.5	14.0	577.0	7.0	584.0
B2(96)	C	591.0	25.0	--	--	7.0	--	--	9.5	2.0	7.0	584.0	16.5	574.5	6.0	585.0
B3(96)		599.4	14.0	--	0.2	7.8	--	--	> 6.0	--	8.0	591.4	--	--	7.0	592.4
B4(96)		591.1	18.5	0.3	--	8.7	--	--	6.5	> 3.0	9.0	582.1	15.5	575.6	7.0	584.1
B5(96)		591.6	14.9	0.2	--	11.8	--	--	> 2.9	--	12.0	579.6	--	--	4.5	587.1
B7(96)		604.0	20.2	--	0.2	9.3	--	--	7.0	>3.7	9.5	594.5	16.5	587.5	14.5	589.5
B8A/B-OW(96)	C	593.2	16.0	--	0.2	7.3	--	--	2.5	1.0	7.5	585.7	10.0	583.2	6.0	587.2
B204(96)		592.7	19.7	0.2	--	2.8	5.5	--	> 11.2	--	8.5	584.2	--	--	9.5	583.2
B205(96)		593.6	20.0	0.3	--	7.7	> 12.0	--	--	--	> 20	< 573.6	--	--	11.5	582.1
B208(96)		591.1	22.0	0.2	--	5.8	--	12.5	> 3.5	--	18.5	572.6	--	--	7.0	584.1
B12(94)	C	605.5	26.0	--	0.5	2.3	--	--	16.2	2.0	2.8	602.7	19.0	586.5	--	--
B14(94)	C	603.8	23.5	--	0.4	4.6	--	--	8.0	--	5.0	598.8	13.0	590.8	10.0	593.8
B16(94)		596.1	10.0	--	0.4	3.6	--	--	> 6.0	--	4.0	592.1	--	--	8.6	587.5

TABLE I
SUMMARY OF SUBSURFACE EXPLORATIONS
PROPOSED SCIENCE & ENGINEERING BUILDING
UNIVERSITY OF CONNECTICUT, STORRS, CONNECTICUT

EXPLORATION NO.	APPROX. GROUND SURFACE ELEVATION (FT)	TOTAL DEPTH (FT)	THICKNESS OF STRATA (FT)							APPROX. DEPTH TO SUITABLE BEARING MATERIAL (FT)		APPROX. DEPTH TO BEDROCK (FT)		WATER LEVEL (FT)	
	NGVD29		ASPHALT / CONCRETE	TOPSOIL	FILL	ALLUVIAL DEPOSITS	GLACIOFLUVIAL DEPOSITS	GLACIAL TILL	WEATHERED BEDROCK	DEPTH	ELEV.	DEPTH	ELEV.	DEPTH	ELEV.

NOTES:

1. ">" indicates greater than
   "--" indicates not encountered or not known
   "(C)" indicates bedrock cored
   "(R)" indicates boring terminated at practical refusal of augers or split spoon sampler, although deeper drilling may have been possible.
   "OW" indicates observation well installed in completed borehole.
2. Strata thicknesses were interpreted from the boring logs, and actual strata change levels may vary.
3. Elevations of explorations are in feet and reference NGVD29. Elevations of recent borings B1 through B11 were estimated from contours shown on Figure 2. Elevations of recent borings B101 through B115 were surveyed by Manafort Brothers, Inc.
4. Refer to test boring logs for detailed soil descriptions.
5. Groundwater levels in test borings (without observation wells) were measured shortly after drilling and may not reflect stabilized groundwater.
6. Ground surface elevations and subsurface conditions at previous explorations may have been altered by subsequent construction.
7. Relatively loose glaciofluvial soils may be present near B6 and B110. If so, overexcavation to glacial till at El. 578.9 or lower may be required.



LEGEND:

B308(00), B12(94)	DESIGNATION, YEAR DRILLED, AND APPROXIMATE LOCATION (TYP.) OF PREVIOUS HALEY & ALDRICH TEST BORING
B1	DESIGNATION AND APPROXIMATE LOCATION OF RECENT TEST BORING DRILLED FOR HALEY & ALDRICH BY GENERAL BORINGS, INC., BETWEEN 4 AND 10 FEBRUARY 2014.
B101	DESIGNATION AND APPROXIMATE LOCATION OF TEST BORING DRILLED FOR HALEY & ALDRICH BY GENERAL BORINGS, INC., BETWEEN 21 AND 26 NOVEMBER 2014.
TP112	DESIGNATION AND APPROXIMATE LOCATION OF TEST PIT EXCAVATED BY ALL-PHASE ENTERPRISES, INC., ON 25 NOVEMBER 2014.
605.8	APPROX. GROUND SURFACE ELEV.
595.8	APPROX. ELEV. SUITABLE BEARING MATERIAL
<587.2	APPROX. TOP OF BEDROCK ELEV.
LFE=588.0 BFE=583.0	APPROX. LOWEST FLOOR ELEV. (LFE) OF EXISTING BUILDING AND APPROX. BOTTOM OF FOOTING ELEV. (BFE) BASED ON AVAILABLE DESIGN DRAWINGS.

NOTES:

1. BASEPLAN IS AUTOCAD FILE ACAD-70041-BASE.dwg PREPARED BY ALFRED BENESCH AND COMPANY, GLASTONBURY, CONNECTICUT.
2. PROPOSED BUILDING AND SITE LAYOUT TAKEN FROM DRAWING C301 "GRADING AND DRAINAGE PLAN," DATED 20 NOVEMBER 2014.
3. EXISTING BUILDING INFORMATION OBTAINED FROM AVAILABLE HISTORIC CONSTRUCTION DRAWINGS.
4. GROUND SURFACE ELEVATIONS AT PREVIOUS BORINGS HAVE CHANGED SUBSEQUENT TO DRILLING AND ARE NOT REPORTED. TOP OF SUITABLE BEARING MATERIAL ELEVATIONS MAY ALSO HAVE BEEN ALTERED BY CONSTRUCTION.
5. RELATIVELY LOOSE GLACIOFLUVIAL SOILS MAY BE PRESENT NEAR B6 AND B110. IF SO, OVEREXCAVATION TO GLACIAL TILL AT EL. 578.9 OR LOWER MAY BE REQUIRED.
6. ELEVATIONS ARE IN FEET AND REFERENCE NGVD29.

0 20 40 60 80
SCALE IN FEET

HALEY & ALDRICH

PROPOSED SCIENCE & ENGINEERING BUILDING
UNIVERSITY OF CONNECTICUT
STORRS, CONNECTICUT

SUBSURFACE EXPLORATION PLAN

SCALE: AS SHOWN
DECEMBER 2014

FIGURE 1

Drawing Name: G:\36190_UCONN_ENG\GLOBAL\CAD\2014-1219_PRECHAR PLAN LOCATION PLAN-F.DWG Drawing Layout: FIG 2
Operator Name: BUCHANON, JENNIFER N. Plot Date: De em er 19, 2014

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B101

Project	New Engineering & Science Building University of Connecticut, Storrs, CT
Client	Mitchell/Giurgola Architects, LLP
Contractor	General Borings, Inc.

File No.	36190-003
Sheet No.	1 of 1
Start	November 25, 2014
Finish	November 25, 2014
Driller	J. Wyant
H&A Rep.	K. Perez Mejia
Elevation	605.0
Datum	NGVD 29
Location	See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted Mobile Drill B-53
Inside Diameter (in.)	3.25	1 3/8	-	Bit Type: Cutting Head Drill Mud: None
Hammer Weight (lb)	-	140	-	Casing: Spun
Hammer Fall (in.)	-	30	-	Hoist/Hammer: Winch Safety Hammer PID Make & Model: None

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
0	4 8 21 40	S1 6	0.0 2.0			Dense brown gravelly fine SAND, some asphalt, trace brick, slight organic odor, dry	ND
						Note: Advanced HSA from 2.0 to 3.0 ft through cobbles.	
	7 11 7 5	S2 7	3.0 5.0			Medium dense gray silty fine SAND, trace gravel, slight organic odor, dry	ND
5	5 4 2 2	S3 20	5.0 7.0			Loose brown silty medium to fine SAND, little gravel, no odor, moist	ND
	1 1 1 3	S4 8	7.0 9.0			Similar to S3, except very loose, trace gravel	ND
				596.0 9.0		-FILL-	
	20 50/3"	S5 9	9.0 9.8	595.2 9.8		Very dense brown to orange-brown silty medium to fine SAND, little gravel, no odor, dry -GLACIOFLUVIAL DEPOSITS-	ND
						BOTTOM OF EXPLORATION AT 9.8 FT	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft)	9.8
Rock Cored (ft)	0
Samples	5S

Boring No. B101

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT \\HAR\COMMON\36190_UCONN_ENG\003_ADD ENV\DATABASE\2014-1201 36190 LOGS.GPJ Dec 19, 14

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B102

Project	New Engineering & Science Building University of Connecticut, Storrs, CT
Client	Mitchell/Giurgola Architects, LLP
Contractor	General Borings, Inc.

File No.	36190-003
Sheet No.	1 of 1
Start	November 25, 2014
Finish	November 25, 2014
Driller	J. Wyant
H&A Rep.	K. Perez Mejia
Elevation	604.0
Datum	NGVD 29
Location	See Plan

	Casing	Sampler	Barrel
Type	HSA	S	-
Inside Diameter (in.)	3.25	1 3/8	-
Hammer Weight (lb)	-	140	-
Hammer Fall (in.)	-	30	-

Drilling Equipment and Procedures

Rig Make & Model: Truck-mounted Mobile Drill B-53
Bit Type: Cutting Head
Drill Mud: None
Casing: Spun
Hoist/Hammer: Winch Safety Hammer
PID Make & Model: None

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
0	8 26 22 21	S1 10	0.0 2.0			Dense dark brown silty fine SAND, some cobble fragments, trace roots, no odor, moist	ND
				602.0 2.0		-TOPSOIL-	
	22 26 16 13	S2 18	2.0 4.0			Dense brown gravelly medium to fine SAND, little silt, no odor, dry	ND
	11 24 18 24	S3 10	4.0 6.0			Similar to S2	ND
5				598.0 6.0		-FILL-	
						BOTTOM OF EXPLORATION AT 6.0 FT	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft)	6.0
Rock Cored (ft)	0
Samples	3S

Boring No. B102

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT \\HAR\COMMON\36190_UCONN_ENG\003_ADD ENV\DATABASE\2014-1201 36190 LOGS.GPJ Dec 19, 14

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B103

Project	New Engineering & Science Building University of Connecticut, Storrs, CT
Client	Mitchell/Giurgola Architects, LLP
Contractor	General Borings, Inc.

File No.	36190-003
Sheet No.	1 of 1
Start	November 21, 2014
Finish	November 21, 2014
Driller	J. Wyant
H&A Rep.	K. Perez Mejia
Elevation	598.3
Datum	NGVD 29
Location	See Plan

	Casing	Sampler	Barrel
Type	HSA	S	-
Inside Diameter (in.)	3.25	1 3/8	-
Hammer Weight (lb)	-	140	-
Hammer Fall (in.)	-	30	-

Drilling Equipment and Procedures

Rig Make & Model: Truck-mounted Mobile Drill B-53
Bit Type: Cutting Head
Drill Mud: None
Casing: Spun
Hoist/Hammer: Winch Safety Hammer
PID Make & Model: None

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
0							
	5 4 3 5	S1 18	1.0 3.0			Loose brown silty fine SAND, no odor, dry	ND
	5 20 15 15	S2 15	3.0 5.0			Dense brown silty medium to fine SAND, no odor, dry	ND
				593.3 5.0		-FILL-	
5	13 27 27 26	S3 0	5.0 7.0			Note: No recovery.	
	34 36 24 32	S4 13	7.0 9.0			Very dense brown to orange-brown sandy SILT, no odor, moist	ND
10	18 40 52 52	S5 22	10.0 12.0			Very dense brown to orange-brown silty fine SAND, little gravel, no odor, moist	ND
				586.3 12.0		-GLACIAL TILL-	
						BOTTOM OF EXPLORATION AT 12.0 FT	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft)	12.0
Rock Cored (ft)	0
Samples	5S

Boring No. B103

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT \\HAR\COMMON\36190_UCONN_ENG\003_ADD ENV\DATABASE\2014-1201 36190 LOGS.GPJ Dec 19, 14

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B104

Project: New Engineering & Science Building University of Connecticut, Storrs, CT
Client: Mitchell/Giurgola Architects, LLP
Contractor: General Borings, Inc.

File No. 36190-003
Sheet No. 1 of 1
Start: November 21, 2014
Finish: November 21, 2014
Driller: J. Wyant
H&A Rep.: K. Perez Mejia
Elevation: 597.0
Datum: NGVD 29
Location: See Plan

	Casing	Sampler	Barrel
Type	HSA	S	-
Inside Diameter (in.)	3.25	1 3/8	-
Hammer Weight (lb)	-	140	-
Hammer Fall (in.)	-	30	-

Drilling Equipment and Procedures

Rig Make & Model: Truck-mounted Mobile Drill B-53
Bit Type: Cutting Head
Drill Mud: None
Casing: Spun
Hoist/Hammer: Winch Safety Hammer
PID Make & Model: None

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
0	6 10 17 12	S1 20	0.0 2.0			Medium dense brown medium to fine SAND, little silt, trace gravel, no odor, dry	ND
	11 11 10 7	S2 14	2.0 4.0			Similar to S1	ND
5	8 12 8 10	S3 0	4.0 6.0			Note: No recovery.	
				591.0 6.0		-FILL-	
	19 24 22 30	S4 24	6.0 8.0			Dense light brown to orange-brown medium to fine SAND, trace silt, no odor, dry	ND
	14 22 30 25	S5 16	8.0 10.0			Very dense light brown to orange-brown medium to fine SAND, little gravel, trace silt, no odor, dry	ND
10	40 27 50/5"	S6 20	10.0 11.4			Similar to S5	ND
15	36 50/4"	S7 10	15.0 15.8	581.2 15.8		Similar S6 Note: Split spoon refusal at 15.8 ft. -GLACIAL TILL- BOTTOM OF EXPLORATION AT 15.8 FT	ND

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft) 15.8
Rock Cored (ft) 0
Samples 7S

Boring No. B104

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT \\HAR\COMMON\36190_UCONN_ENG\003_ADD ENV\DATABASE\2014-1201 36190 LOGS.GPJ Dec 19, 14

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B105

Project	New Engineering & Science Building University of Connecticut, Storrs, CT
Client	Mitchell/Giurgola Architects, LLP
Contractor	General Borings, Inc.

File No.	36190-003
Sheet No.	1 of 1
Start	November 21, 2014
Finish	November 21, 2014
Driller	J. Wyant
H&A Rep.	K. Perez Mejia
Elevation	598.9
Datum	NGVD 29
Location	See Plan

	Casing	Sampler	Barrel
Type	HSA	S	-
Inside Diameter (in.)	3.25	1 3/8	-
Hammer Weight (lb)	-	140	-
Hammer Fall (in.)	-	30	-

Drilling Equipment and Procedures

Rig Make & Model: Truck-mounted Mobile Drill B-53
Bit Type: Cutting Head
Drill Mud: None
Casing: Spun
Hoist/Hammer: Winch Safety Hammer
PID Make & Model: None

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
0							
	12 15 9 16	S1 4	1.0 3.0			Medium dense brown fine SAND, trace silt, no odor, dry	ND
	57 50/5"	S2 11	3.0 3.9			Very dense brown medium to fine SAND, some gravel, trace silt, no odor, dry	ND
						Note: HSA advancement indicates presence of cobbles and/or boulders from 3.9 to 5.0 ft.	
				593.9 5.0		-FILL-	
5	18 45 42 50/5"	S3 18	5.0 6.9			Very dense brown medium to fine SAND, some gravel, little silt, no odor, dry	ND
						Note: HSA advancement indicates presence of cobbles and/or boulders from 6.9 to 8.0 ft.	
	30 28 22 18	S4 16	8.0 10.0			Dense brown gravelly medium to fine SAND, some silt, no odor, moist	ND
				588.9 10.0			
10	19 42 50/3"	S5 8	10.0 11.3			Very dense orange-brown to brown medium to fine SAND, some silt, little gravel, no odor, wet	ND
				583.9 15.0			
15	24 43 50/0"	S6 12	15.0 16.0			Very dense gray sandy SILT grading to silty SAND, no odor, dry	ND
				581.4 17.5		Note: HSA refusal at 17.5 ft on probable bedrock. -GLACIAL TILL-	
						BOTTOM OF EXPLORATION AT 17.5 FT	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft)	17.5
Rock Cored (ft)	0
Samples	6S

Boring No. B105

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT \\HAR\COMMON\36190_UCONN_ENG\003_ADD ENV\DATABASE\2014-1201 36190 LOGS.GPJ Dec 19, 14

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B106

Project	New Engineering & Science Building University of Connecticut, Storrs, CT
Client	Mitchell/Giurgola Architects, LLP
Contractor	General Borings, Inc.

File No.	36190-003
Sheet No.	1 of 1
Start	November 24, 2014
Finish	November 24, 2014
Driller	J. Wyant
H&A Rep.	K. Perez Mejia
Elevation	596.0
Datum	NGVD 29
Location	See Plan

	Casing	Sampler	Barrel
Type	HSA	S	-
Inside Diameter (in.)	3.25	1 3/8	-
Hammer Weight (lb)	-	140	-
Hammer Fall (in.)	-	30	-

Drilling Equipment and Procedures

Rig Make & Model: Truck-mounted Mobile Drill B-53
Bit Type: Cutting Head
Drill Mud: None
Casing: Spun
Hoist/Hammer: Winch Safety Hammer
PID Make & Model: None

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
0							
	8 7 6 6	S1 10	1.0 3.0			Medium dense brown silty medium to fine SAND, little gravel, trace roots, no odor, wet	ND
	5 11 12 8	S2 2	3.0 5.0			Similar to S1, except no roots	ND
5	10 9 15 35	S3 10	5.0 7.0	589.5 6.5		Medium dense brown gravelly coarse to fine SAND, little silt, no odor, wet -FILL-	ND
	50 41 42 49	S4 22	7.0 9.0			Very dense brown to orange-brown medium to fine SAND, little gravel, trace silt, no odor, dry	ND
10	20 50/5"	S5 10	10.0 10.9			Similar to S4	ND
15	50/4"	S6 0	15.0 15.3	580.7 15.3		Note: No recovery. Note: Split spoon refusal at 15.3 ft on probable bedrock. -GLACIAL TILL- BOTTOM OF EXPLORATION AT 15.3 FT	ND

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft)	15.3
Rock Cored (ft)	0
Samples	6S

Boring No. B106

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT \\HAR\COMMON\36190_UCONN_ENG\003_ADD ENV\DATABASE\2014-1201 36190 LOGS.GPJ Dec 19, 14

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B107

Project	New Engineering & Science Building University of Connecticut, Storrs, CT
Client	Mitchell/Giurgola Architects, LLP
Contractor	General Borings, Inc.

File No.	36190-003
Sheet No.	1 of 1
Start	November 24, 2014
Finish	November 24, 2014
Driller	J. Wyant
H&A Rep.	K. Perez Mejia
Elevation	597.4
Datum	NGVD 29
Location	See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted Mobile Drill B-53
Inside Diameter (in.)	3.25	1 3/8	-	Bit Type: Cutting Head Drill Mud: None
Hammer Weight (lb)	-	140	-	Casing: Spun
Hammer Fall (in.)	-	30	-	Hoist/Hammer: Winch Safety Hammer PID Make & Model: None

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
0	6 11 10 12	S1 20	0.0 2.0			Medium dense brown silty medium to fine SAND, trace gravel, no odor, moist	ND
	15 18 12 10	S2 18	2.0 4.0			Dense brown to black medium to fine SAND, trace gravel, no odor, moist	ND
5	6 12 32 31	S3 2	4.0 6.0			Dense brown silty fine SAND, little gravel, no odor, moist -FILL-	ND
	26 27 33 30	S4 12	6.0 8.0	591.4 6.0		Very dense brown to orange-brown silty fine SAND, trace gravel, no odor, dry	ND
10	30 43 50/5"	S5 11	10.0 11.4	587.4 10.0		Very dense brown to orange-brown silty medium to fine SAND, some gravel, no odor, dry -GLACIAL TILL-	ND
				586.0 11.4		BOTTOM OF EXPLORATION AT 11.4 FT	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft)	11.4
Rock Cored (ft)	0
Samples	5S

Boring No. B107

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT \\HAR\COMMON\36190_UCONN_ENG\003_ADD ENV\DATABASE\2014-1201 36190 LOGS.GPJ Dec 19, 14

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B108

Project: New Engineering & Science Building University of Connecticut, Storrs, CT
Client: Mitchell/Giurgola Architects, LLP
Contractor: General Borings, Inc.

File No. 36190-003
Sheet No. 1 of 1
Start: November 24, 2014
Finish: November 24, 2014
Driller: J. Wyant
H&A Rep.: K. Perez Mejia
Elevation: 596.5
Datum: NGVD 29
Location: See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted Mobile Drill B-53
Inside Diameter (in.)	3.25	1 3/8	-	Bit Type: Cutting Head Drill Mud: None
Hammer Weight (lb)	-	140	-	Casing: Spun
Hammer Fall (in.)	-	30	-	Hoist/Hammer: Winch Safety Hammer PID Make & Model: None

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
0	6 12 12 16	S1 11	0.0 2.0			Medium dense brown silty medium to fine SAND, some gravel, no odor, moist	ND
	16 15 8 6	S2 7	2.0 4.0			Medium dense brown gravelly coarse to fine SAND, some silt, trace asphalt, no odor, moist	ND
5	6 7 5 5	S3 0	4.0 6.0			Note: No recovery.	
	6 6 8 8	S4 2	6.0 8.0			Medium dense brown gravelly coarse to fine SAND, no odor, wet	ND
				588.5 8.0		-FILL-	
	18 32 50/5"	S5 17	8.0 9.4			Very dense orange-brown gravelly medium to fine SAND, trace silt, no odor, moist	ND
10							
15	30 42 50/5"	S6 14	15.0 16.4			Very dense brown to orange-brown gravelly coarse to fine SAND, trace silt, no odor, moist	ND
				576.5 20.0		-GLACIOFLUVIAL DEPOSITS-	
20	26 50 40 42	S7 16	20.0 22.0			Very dense brown silty coarse to fine SAND, some gravel, no odor, wet	ND
				574.5 22.0		-GLACIAL TILL-	
						BOTTOM OF EXPLORATION AT 22.0 FT	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft) 22.0
Rock Cored (ft) 0
Samples 7S

Boring No. B108

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT \\HAR\COMMON\36190_UCONN_ENG\003_ADD ENV\DATABASE\2014-1201 36190 LOGS.GPJ Dec 19, 14

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B109

Project	New Engineering & Science Building University of Connecticut, Storrs, CT
Client	Mitchell/Giurgola Architects, LLP
Contractor	General Borings, Inc.

File No.	36190-003
Sheet No.	1 of 1
Start	November 24, 2014
Finish	November 24, 2014
Driller	J. Wyant
H&A Rep.	K. Perez Mejia
Elevation	598.6
Datum	NGVD 29
Location	See Plan

	Casing	Sampler	Barrel
Type	HSA	S	-
Inside Diameter (in.)	3.25	1 3/8	-
Hammer Weight (lb)	-	140	-
Hammer Fall (in.)	-	30	-

Drilling Equipment and Procedures

Rig Make & Model: Truck-mounted Mobile Drill B-53
Bit Type: Cutting Head
Drill Mud: None
Casing: Spun
Hoist/Hammer: Winch Safety Hammer
PID Make & Model: None

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
0	14 26 24 15	S1 6	0.0 2.0			Dense brown coarse to fine SAND, some gravel, little silt, no odor, moist	ND
	15 15 18 12	S2 15	2.0 4.0			Similar to S1	ND
						Note: HSA advancement indicates presence of cobbles and/or boulders from 4.0 to 5.0 ft.	
5	16 26 39 33	S3 2	5.0 7.0			Similar to S2, except very dense	ND
	32 34 50/5"	S4 10	7.0 8.9			Very dense brown gravelly coarse to fine SAND, some silt, no odor, moist	ND
				589.7 8.9		-FILL-	
10	15 28 27 20	S5 22	9.0 11.0			Very dense brown to orange-brown medium to fine SAND, little gravel, trace silt, no odor, moist	ND
				583.6 15.0		-GLACIOFLUVIAL DEPOSITS-	
15	18 31 36 36	S6 20	15.0 17.0			Very dense gray silty medium to fine SAND, little gravel, no odor, wet	ND
						Note: HSA refusal at 19.5 ft on probable bedrock.	
				579.1 19.5		-GLACIAL TILL-	
						BOTTOM OF EXPLORATION AT 19.5 FT	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft)	19.5
Rock Cored (ft)	0
Samples	6S

Boring No. B109

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT \\HAR\COMMON\36190_UCONN_ENG\003_ADD ENV\DATABASE\2014-1201 36190 LOGS.GPJ Dec 19, 14

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B110

Project New Engineering & Science Building University of Connecticut, Storrs, CT
Client Mitchell/Giurgola Architects, LLP
Contractor General Borings, Inc.

File No. 36190-003
Sheet No. 1 of 1
Start November 21, 2014
Finish November 21, 2014
Driller J. Wyant
H&A Rep. K. Perez Mejia
Elevation 594.3
Datum NGVD 29
Location See Plan

	Casing	Sampler	Barrel
Type	HSA	S	-
Inside Diameter (in.)	3.25	1 3/8	-
Hammer Weight (lb)	-	140	-
Hammer Fall (in.)	-	30	-

Drilling Equipment and Procedures

Rig Make & Model: Truck-mounted Mobile Drill B-53
Bit Type: Cutting Head
Drill Mud: None
Casing: Spun
Hoist/Hammer: Winch Safety Hammer
PID Make & Model: None

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
0	20 23 40 27	S1 18	0.0 2.0			Very dense light brown medium to fine SAND, trace gravel, trace silt, no odor, dry	ND
	34 27 12 14	S2 16	2.0 4.0			Dense brown to gray medium to fine SAND, some silt, no odor, moist	ND
	28 50/5"	S3 11	4.0 4.9			Very dense gray medium to fine SAND, some silt, little gravel, trace glass, no odor, moist	ND
5						Note: HSA advancement indicates presence of cobbles and/or boulders from 4.9 to 5.5 ft.	
				588.3		-FILL-	
	5 13 30 31	S4 15	6.0 8.0	6.0		Dense gray medium to fine SAND, some silt, trace gravel, no odor, moist	ND
						-ALLUVIAL DEPOSITS-	
				586.3			
	14 26 38 27	S5 22	8.0 10.0	8.0		Very dense orange-brown coarse to fine SAND, some gravel, no odor, dry	ND
10	42 33 34 22	S6 12	10.0 12.0			Similar to S5, except gravelly	ND
15	4 5 7 8	S7 20	15.0 17.0			Medium dense tan fine SAND, trace silt, no odor, wet	ND
						-GLACIOFLUVIAL DEPOSITS-	
				577.3 17.0		BOTTOM OF EXPLORATION AT 17.0 FT	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft) 17.0
Rock Cored (ft) 0
Samples 7S

Boring No. B110

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT \\HAR\COMMON\36190_UCONN_ENG\003_ADD ENV\DATABASE\2014-1201 36190 LOGS.GPJ Dec 19, 14

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B111

Project	New Engineering & Science Building University of Connecticut, Storrs, CT
Client	Mitchell/Giurgola Architects, LLP
Contractor	General Borings, Inc.

File No.	36190-003
Sheet No.	1 of 1
Start	November 24, 2014
Finish	November 24, 2014
Driller	J. Wyant
H&A Rep.	K. Perez Mejia
Elevation	594.2
Datum	NGVD 29
Location	See Plan

	Casing	Sampler	Barrel
Type	HSA	S	-
Inside Diameter (in.)	3.25	1 3/8	-
Hammer Weight (lb)	-	140	-
Hammer Fall (in.)	-	30	-

Drilling Equipment and Procedures

Rig Make & Model: Truck-mounted Mobile Drill B-53
Bit Type: Cutting Head
Drill Mud: None
Casing: Spun
Hoist/Hammer: Winch Safety Hammer
PID Make & Model: None

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
0	6 10 9 6	S1 8	0.0 2.0			Medium dense brown silty fine SAND, trace gravel, no odor, wet	ND
	9 13 13 10	S2 2	2.0 4.0			Similar to S2	ND
5	6 6 5 11	S3 18	4.0 6.0			Medium dense brown to black silty fine SAND, trace gravel, trace asphalt, trace brick, trace cinders, no odor, moist	ND
	6 4 9 18	S4 3	6.0 8.0			Medium dense brown to black silty fine SAND, trace asphalt, no odor, moist -FILL-	ND
	21 36 33 40	S5 0	8.0 10.0	586.2 8.0		Note: No recovery. Gravel fragment lodged in tip of spoon.	
10	15 38 16 15	S6 19	10.0 12.0			Very dense brown to orange-brown medium to fine SAND, little gravel, trace silt, no odor, dry -GLACIOFLUVIAL DEPOSITS-	ND
				582.2 12.0		BOTTOM OF EXPLORATION AT 12.0 FT	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft)	12.0
Rock Cored (ft)	0
Samples	6S

Boring No. B111

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT \\HAR\COMMON\36190_UCONN_ENG\003_ADD ENV\DATABASE\2014-1201 36190 LOGS.GPJ Dec 19, 14

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B113

Project	New Engineering & Science Building University of Connecticut, Storrs, CT
Client	Mitchell/Giurgola Architects, LLP
Contractor	General Borings, Inc.

File No.	36190-003
Sheet No.	1 of 2
Start	November 26, 2014
Finish	November 26, 2014
Driller	J. Wyant
H&A Rep.	K. Perez Mejia
Elevation	596.2
Datum	NGVD 29
Location	See Plan

	Casing	Sampler	Barrel
Type	HSA	S	-
Inside Diameter (in.)	3.25	1 3/8	-
Hammer Weight (lb)	-	140	-
Hammer Fall (in.)	-	30	-

Drilling Equipment and Procedures

Rig Make & Model: Truck-mounted Mobile Drill B-53
Bit Type: Cutting Head
Drill Mud: None
Casing: Spun
Hoist/Hammer: Winch Safety Hammer
PID Make & Model: None

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
0						Brown silty fine SAND, trace gravel, trace roots, no odor, dry Note: Advanced to 10.0 ft by vacuuming soils using a vacuum truck.	ND
				595.2 1.0		-TOPSOIL-	ND
						Note: Obtained soil sample using hand auger from 1.0 to 3.0 ft. Brown silty fine SAND, trace gravel, trace glass, no odor, moist	
						Note: Obtained soil sample using hand auger from 3.0 to 5.0 ft. Similar to above	ND
5						Note: Obtained soil sample using hand auger from 5.0 to 7.0 ft. Light brown fine SAND, no odor, moist	ND
						Note: Obtained soil sample using hand auger from 7.0 to 8.0 ft. Similar to above	ND
						-FILL-	
10	19 12 13 12	S1 8	10.0 12.0	586.2 10.0		Medium dense brown to tan gravelly coarse to fine SAND, trace silt, no odor, dry	ND
15	13 27 26 30	S2 12	15.0 17.0			Very dense brown to orange-brown medium to fine SAND, trace gravel, trace silt, no odor, dry	ND
						-GLACIOFLUVIAL DEPOSITS-	
20							

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft)	26.4
Rock Cored (ft)	0
Samples	4S

Boring No. B113

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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HALEY & ALDRICH

TEST BORING REPORT

Boring No. B113
File No. 36190-003
Sheet No. 2 of 2

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
20	20 28 32 25	S3 10	20.0 22.0			Very dense brown to orange-brown coarse to fine SAND, little gravel, trace silt, no odor, dry	ND
				574.2 22.0		-GLACIOFLUVIAL DEPOSITS-	
25	21 32 50/5"	S4 10	25.0 26.4			Very dense brown to tan to gray silty coarse to fine SAND, trace gravel, no odor, wet	ND
				569.8 26.4		-GLACIAL TILL-	
						BOTTOM OF EXPLORATION AT 26.4 FT	

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. B113

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT \\HAR\COMMON\36190_UCONN_ENG\003_ADD ENV\DATABASE\2014-1201 36190 LOGS.GPJ Dec 19, 14

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B114

Project	New Engineering & Science Building University of Connecticut, Storrs, CT
Client	Mitchell/Giurgola Architects, LLP
Contractor	General Borings, Inc.

File No.	36190-003
Sheet No.	1 of 1
Start	November 21, 2014
Finish	November 21, 2014
Driller	J. Wyant
H&A Rep.	K. Perez Mejia
Elevation	593.2
Datum	NGVD 29
Location	See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted Mobile Drill B-53
Inside Diameter (in.)	3.25	1 3/8	-	Bit Type: Cutting Head Drill Mud: None
Hammer Weight (lb)	-	140	-	Casing: Spun
Hammer Fall (in.)	-	30	-	Hoist/Hammer: Winch Safety Hammer PID Make & Model: None

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
0				592.9 / 0.3		-BITUMINOUS CONCRETE-	
				592.7 / 0.5		-SUB BASE-	
				592.3 / 0.9		-BITUMINOUS CONCRETE-	
	20 19 10 11	S1 10	1.5 3.5			Medium dense brown gravelly fine SAND, trace silt, no odor, dry	ND
	15 8 5 6	S2 16	3.5 5.5			Medium dense brown to dark brown medium to fine SAND, little gravel, little silt, no odor, dry	ND
5	4 5 14 12	S3 20	5.5 7.5			Similar to above, except loose	ND
				586.7 / 6.5		-FILL-	
						Medium dense orange-brown to gray coarse to fine SAND, some gravel, trace silt, no odor, dry	ND
	15 30 35 38	S4 20	7.5 9.5			Similar to above, except very dense	ND
10	10 21 21 28	S5 22	10.0 12.0			Dense orange-brown fine SAND, trace silt, no odor, dry	ND
				581.2 / 12.0		-GLACIOFLUVIAL DEPOSITS-	
						BOTTOM OF EXPLORATION AT 12.0 FT	

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
- O - Open End Rod
- T - Thin Wall Tube
- U - Undisturbed Sample
- S - Split Spoon Sample

Well Diagram
- Riser Pipe
- Screen
- Filter Sand
- Cuttings
- Grout
- Concrete
- Bentonite Seal

Summary

Overburden (ft)	12.0
Rock Cored (ft)	0
Samples	5S

Boring No. B114

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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HALEY & ALDRICH

TEST BORING REPORT

Boring No. B115

Project	New Engineering & Science Building University of Connecticut, Storrs, CT
Client	Mitchell/Giurgola Architects, LLP
Contractor	General Borings, Inc.

File No.	36190-003
Sheet No.	1 of 1
Start	November 25, 2014
Finish	November 25, 2014
Driller	J. Wyant
H&A Rep.	K. Perez Mejia
Elevation	593.9
Datum	NGVD 29
Location	See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted Mobile Drill B-53
Inside Diameter (in.)	3.25	1 3/8	-	Bit Type: Cutting Head Drill Mud: None
Hammer Weight (lb)	-	140	-	Casing: Spun
Hammer Fall (in.)	-	30	-	Hoist/Hammer: Winch Safety Hammer PID Make & Model: None

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
0				593.4		-TOPSOIL-	
	3 8 12 15	S1 12	0.0 2.0	0.5		Medium dense brown silty fine SAND, trace gravel, trace roots, no odor, moist	ND
	18 52 42 51	S2 18	2.0 4.0			Very dense brown gravelly coarse to fine SAND, some silt, little brick and concrete fragments, no odor, dry	ND
	36 40 75/5"	S3 10	4.0 5.4			Very dense brown silty coarse to fine SAND, some gravel, no odor, dry	ND
5				588.5		-FILL-	
				5.4		BOTTOM OF EXPLORATION AT 5.4 FT	

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
- O - Open End Rod
- T - Thin Wall Tube
- U - Undisturbed Sample
- S - Split Spoon Sample

Well Diagram
- Riser Pipe
- Screen
- Filter Sand
- Cuttings
- Grout
- Concrete
- Bentonite Seal

Summary

Overburden (ft)	6.0
Rock Cored (ft)	0
Samples	3S

Boring No. B115

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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REPORT ON
GEOTECHNICAL ENGINEERING ASESSMENT AND PRELIMINARY ENVIRONMENTAL PRECHARACTERIZATION PROGRAM
PROPOSED SCIENCE & ENGINEERING BUILDING
UNIVERSITY OF CONNECTICUT
STORRS, CONNECTICUT

by

Haley & Aldrich, Inc.
Rocky Hill, Connecticut

for

Mitchell | Giurgola Architects, LLP
New York, New York

File No. 36190-000
Revised August 2014
February 2014

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HALEY & ALDRICH

Revised 20 August 2014
24 February 2014
File No. 36190-000

Mitchell | Giurgola Architects, LLP
630 Ninth Avenue, Suite 711
New York, New York 10036

Attention: Mr. John Doherty, AIA

Subject: Geotechnical Engineering Assessment &
Preliminary Environmental Precharacterization Program
Proposed Science & Engineering Building
University of Connecticut
Storrs, Connecticut

Ladies and Gentlemen:

This revised report presents the results of our geotechnical engineering assessment and preliminary soil and groundwater environmental precharacterization program for the proposed Science and Engineering Building at the University of Connecticut (UConn) in Storrs, Connecticut. The report has been revised to reflect updated survey information and modified building floor elevations. The work summarized herein was conducted in accordance with our proposal dated 24 October 2013 and your subsequent authorization.

We appreciate the opportunity to assist you with this project. Please contact us if you have any questions or need additional information.

Sincerely yours,
HALEY & ALDRICH, INC.

Jennifer N. Buchanon, P.E.
Senior Engineer

Timothy Crowl, P.E.
Senior Project Manager | Vice President

Richard P. Standish, LEP
Senior Vice President

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1. INTRODUCTION

1.1 General

This report provides our geotechnical engineering recommendations and a preliminary environmental assessment for the Proposed Science and Engineering Building at the University of Connecticut (UConn) in Storrs, Connecticut.

1.2 Purpose and Scope

This assessment was undertaken to provide geotechnical engineering recommendations and preliminary recommendations for soil and groundwater management in connection with the project. The scope of our services included:

- visiting the site to observe existing conditions;
- reviewing available information on subsurface soil and bedrock conditions, groundwater levels, environmental site history, and existing nearby buildings;
- planning and implementing an integrated geotechnical and environmental subsurface exploration program;
- conducting a laboratory chemical testing program to preliminarily assess soil and groundwater management requirements during construction;
- performing geotechnical engineering analyses; and
- preparing this report.

1.3 Elevation Datum

Elevations in this report are in feet and refer to the National Geodetic Vertical Datum of 1929 (NGVD29).

1.4 Site History and Existing Site Conditions

The site is located as shown on the Project Locus (Figure 1) at the eastern end of Auditorium Road at the site of the existing Old Central Warehouse on UConn's Storrs, Connecticut campus. Surrounding buildings include the Central Utility Plant to the southwest, the Pharmacy Building to the west, an underground utility tunnel and underground vivarium (associated with the Pharmacy Building) to the north, the Chemistry Building to the east, and the Health Services Building to the south. Based on information available to us at this time, it is understood that lowest floor levels at the surrounding buildings are as follow:

- Central Utility Plant: El. 591 to El. 592.5
- Pharmacy / Biology Building: El. 583.5
- Utility Tunnel: El. 582.9
- Chemistry Building: El. 588 to El. 595

These elevations refer to the lowest floor levels in building portions nearest to the site and are also noted on Figure 2. Some of the buildings have varying lowest floor levels that are not shown or provided above. Information regarding the lowest floor levels of the Old Central Warehouse and Health Services Building is not available at this time. It does not appear that the Old Central Warehouse has a basement.

Based on a review of aerial photographs dating back to 1934, the site was used for farmland until the Old Central Warehouse was constructed between 1941 and 1951. A structure just north of the site was present in 1934, but demolished before 1941. Some of the Central Utility Plant structures to the west of the site and the Health Services building south of the site appear in the 1951 photograph. The Pathobiology and Pharmacy buildings appear in the 1960 photograph. The 1997 photograph shows the Chemistry Building northeast of the site under construction. By 2005, the south addition to the Pharmacy Building adjacent to the western side of the site is visible and several Central Utility Plant structures formerly occupying the addition space were demolished. Between 1997 and 2005, it appears the Central Utility Plant also underwent renovations. Since 2005, the site appears to be generally unchanged.

The site was predominantly occupied by the approximately 18,000 sq. ft. Old Central Warehouse Building which was recently demolished. Surrounding the building are parking and driveway areas along the north, south, and west sides. Further to the north is a landscaped quad area and to the east is a grass covered slope grading upward toward a concrete walkway accessing the Chemistry Building. Site topography generally slopes upward from north to south along the east and west sides of the old warehouse building from approximately El. 593 to El. 604. On the north side of the building, the grade slopes up gently from west to east from approximately El. 594 to El. 599. On the south side of the building, grade is relatively level ranging between about El. 603 and El. 605, except near the Health Services Building where it slopes up to about El. 607. Numerous utilities, including water, gas, storm, sewer, electrical, steam, and others, traverse the site around the Old Central Warehouse.

1.5 Proposed Construction

Based on a 50% Construction Documents (CD) Submission drawing set dated 30 June 2014, the new Science & Engineering building will occupy an approximately 16,000 sq. ft. footprint. The building will have basement space with floor level at El. 582.5 across approximately 14,350 sq. ft. Basement space is not planned near the northern end of the building, where the lowest floor level will be El. 598.5. Several retaining walls are planned around the building to accommodate changes in grade between existing nearby structures and proposed construction. A utility tunnel will exit near the building's northwest corner and will connect to the existing utility tunnel in the quad area north of the building.

Construction of the new building will likely require significant cuts due to the existing topography. Off-site disposition of excess excavated soils may be required.

1.6 Limitations

This report has been prepared for specific application to the proposed Science & Engineering Building at the University of Connecticut Campus in Storrs, Connecticut, and is intended for the exclusive use of the project team in connection with the geotechnical and environmental aspects of this project only. The report has been prepared based on information available at this time.

In the event that changes in the nature, design, or location of structures are planned, the conclusions and recommendations contained in this report should not be considered valid unless the changes are reviewed and conclusions of this report modified or verified in writing. The analyses and recommendations submitted in this report are based in part upon data obtained from referenced explorations. The nature and extent of variations between the explorations may not become evident until construction. If variations then appear evident, it will be necessary to re-evaluate the recommendations of this report.

The data provided in this report are based solely on the scope of work conducted by Haley & Aldrich, Inc. and the sources of information referenced herein. This work was undertaken in accordance with generally accepted geotechnical engineering practices.

The planned construction will be supported on or in the soil or bedrock at the site, and below-grade structures may extend below the groundwater level in some areas. The recommendations presented in this report for foundation and floor drainage, moisture protection, waterproofing, and vapor intrusion address only the conventional geotechnical engineering related aspects of design and construction and are not intended to provide an environment that would prohibit infestation of mold or other biological pollutants. Our work scope did not include the development of criteria or procedures to minimize the risk of mold or other biological pollutant infestations or intrusion of vapor in or near any structure.

1.7 Specification and Plan Review

We recommend that Haley & Aldrich be provided the opportunity to review the plans and specifications in the bridging documents in order to confirm that the recommendations in this report were interpreted and implemented as intended.

2. SUBSURFACE EXPLORATIONS AND GEOTECHNICAL LABORATORY TESTING

2.1 Subsurface Explorations

Haley & Aldrich planned and monitored an integrated geotechnical and environmental subsurface exploration program consisting of 10 test borings (designated B1 through B3, and B5 through B11). Test boring B4 was eliminated due to numerous utility conflicts in the vicinity of the planned location. Test borings B1 through B3, B5, B6, and B9 were performed near the proposed building footprint. Test borings B7 through B11 were performed near proposed site retaining walls. The purpose of the program was to provide soil and groundwater information for foundation design, and to obtain soil samples for chemical testing in support of a preliminary soil and groundwater precharacterization (management) program.

Test borings were drilled by General Borings, Inc., Prospect, Connecticut between 4 and 10 February 2014. The test borings were advanced to depths ranging between 17.5 and 35 ft below ground surface using hollow-stem augers. Soil samples were obtained using a 2-in. O.D. split spoon sampler driven 24 in (where possible) with a 140-lb safety hammer falling 30 in. At B2, B3, and B5, a 5-ft. core barrel was advanced to obtain rock core samples with an approximate 2-in. dia. An observation well was installed at borehole B9 upon completion.

Select soil samples from these borings were submitted for chemical testing as part of our preliminary environmental evaluation to assess on-site reuse and off-site disposition requirements. Samples were screened in the field for Volatile Organic Compounds (VOCs) using a MiniRAE 2000 10.6 eV photoionization detector (PID). A sample of groundwater was also obtained from observation well B9(OW) for chemical testing to preliminarily assess groundwater management requirements during construction and discharge of foundation drainage system effluent. The results of the soil and groundwater testing are included herein.

Haley & Aldrich located the borings in the field by taping to existing site features, and estimated ground surface elevations at the boring locations using the contours shown on Figure 2.

Logs of test borings are provided in Appendix A. Installation and monitoring reports for the observation well are provided in Appendix B.

2.2 Previous Explorations

Haley & Aldrich previously completed several exploration programs within the vicinity of the proposed building for design of other structures surrounding the site. Associated explorations that were completed near the proposed building are as follow:

- Chemistry Building – three test borings, B12(94), B14(94), and B16(94)
- North Quad Utility Tunnel – three test borings, B204(96), B205(96), and B208(96)
- Central Heating Plant Upgrade – seven test borings, B1(96) through B8B-OW(96) series
- Pharmacy Building – three test borings, B308(00), B310-OW(00), and B311(00)
- Central Utility Plant Upgrades – two test borings, B-1(12) and B-2(12)

It should be noted that subsurface conditions at previous explorations have likely been altered by subsequent construction.

Locations of the previous test borings are shown on Figure 2 and logs are provided in Appendix C.

2.3 Geotechnical Laboratory Testing

Laboratory grain size tests were performed on three soil samples obtained from the test borings to assist with visual classification and aid in estimation of engineering properties. Results of laboratory grain size tests are provided in Appendix D.

3. SUBSURFACE CONDITIONS

3.1 Soil and Rock Conditions

Generalized descriptions of soils encountered in the recent test borings, in order of increasing depth below ground surface, are provided below. A summary of subsurface strata encountered in the recent and previous borings is provided on Table I. Refer to test boring logs provided in Appendices A and C for more detailed soil descriptions.

The stratification lines designating the interface between soil types on the logs of test borings represent approximate boundaries. The boring logs and observation well report depict subsurface conditions only at the specific exploration locations and at the particular time designated on the logs. Also, it should be noted that subsurface explorations could not be practically completed across a large portion of the proposed footprint where it overlaps with the Old Central Warehouse and where there were conflicts with existing utilities. Subsurface conditions at other locations may differ from conditions occurring at the boring locations.

- Fill – Medium dense to dense mixtures of silt, sand, gravel, and cobble fragments in varying proportions. Trace brick fragments were encountered at B8. Trace roots were encountered at B7. Fill was encountered in all of the borings in thicknesses ranging from about 3 ft to 10 ft where penetrated. Fill was not penetrated at B11 which was terminated at a depth of 18 ft. A petroleum odor was noted in fill at B2, and PID readings in the fill above non-detect were recorded at borings B2, B8, and B11 at levels ranging between 0.2 and 18.8 parts per million (ppm). Fill includes topsoil, bituminous concrete, and concrete where present at the ground surface.

- Alluvial Deposits – Encountered only at B6, the alluvial deposits consist of medium dense dark brown-black organic sandy SILT, trace roots, grading to orange-brown coarse to fine SAND, and silty SAND with occasional trace fine gravel. The alluvial deposits are 6.5 ft thick.

- Glaciofluvial Deposits – Glaciofluvial deposits were encountered at B5, B6, B9(OW), and B10 in thicknesses ranging between 3.5 ft and 13 ft. These deposits consist of medium dense to very dense stratified fine SAND or gravelly SAND with varying amounts of silt, both with occasional trace cobble fragments; silty SAND, with occasional cobbles and gravel; sandy SILT, with occasional some cobbles; and medium to fine SAND, some silt, trace to some gravel, occasional trace cobble fragments. At B9(OW), glaciofluvial deposits directly overlie weathered bedrock.

- Glacial Till – Dense to very dense silty SAND with occasional some gravel and cobbles; and medium to fine SAND, some silt, trace to some cobble fragments, occasional some gravel. Glacial Till was not encountered at borings B9 or B11. Glacial till was encountered in thicknesses ranging from 5 to greater than 18.9 ft. A petroleum odor was noted in samples of glacial till recovered at boring B2 from 7 to 7.8 ft and B3 from 20 to 21.8 ft, with elevated PID readings of 10.6 ppm and 16.4 ppm recorded for these samples, respectively.

- Weathered Bedrock – Weathered bedrock, consisting of rock fragments which maintain some of the relic rock structure but can be broken down into sand and silt size particles, was encountered immediately above bedrock at borings B2, B3, B6, B8, B9(OW), and B10, but was only penetrated at B2 and B3.

- Sound Bedrock – SCHIST or GNEISS bedrock was cored at borings B2, B3, and B5, where the top of sound bedrock was encountered at depths ranging from 19 to 30 ft (El. 565 to El. 586). At Boring B8, auger refusal on probable bedrock was encountered at a depth of 17.5 ft (El. 588.5). Based on recovered core samples, SCHIST bedrock is moderately hard, slightly to moderately weathered, dark gray and coarse to fine grained. GNEISS bedrock is hard, slightly weathered, white, black, and gray, and coarse grained. At B2, GNEISS bedrock was encountered. At B3 and B5, both SCHIST and GNEISS bedrock were encountered.

3.2 Groundwater

The groundwater level at B9(OW) was recorded at a depth of 11.6 ft below ground surface (corresponding to about El. 592.7). Groundwater was encountered in boreholes at B6 and B10 at depths of 17 ft. (El. 576.9) and 24 ft. (El. 580.5), respectively. Measurements at boreholes were taken during drilling and may not represent stabilized groundwater levels.

Groundwater levels will fluctuate with season, precipitation, leakage into or out of utilities, and nearby construction activity, and should be anticipated to vary both during and following construction.

4. GEOTECHNICAL ENGINEERING RECOMMENDATIONS

4.1 General

This section of the report provides geotechnical engineering recommendations for the proposed building. Our recommendations are based on the results of subsurface data available at this time and information regarding proposed building design. Typical column and wall loads are not available at this time. Additional recommendations may be required to address specific conditions that develop as project design proceeds.

4.2 Foundation and Slab Design

4.2.1 Foundation Type

Existing fill and alluvial deposits are unsuitable for foundation support. We recommend that the proposed structure be supported on spread footings bearing on undisturbed glacial soils (glaciofluvial deposits or glacial till), weathered or sound bedrock, or lean concrete fill placed over glacial soils after removing fill and alluvial soils below foundation level. In non-basement areas, overexcavation made to remove unsuitable soils may be backfilled with compacted granular fill in lieu of lean concrete. Alternately, footings in both basement and non-basement areas may be lowered as necessary to bear directly on suitable material.

It is generally anticipated that suitable materials will be present at conventional bearing levels for footings in the building area with a basement (at El. 582.5). An exception to this is a potential for relatively loose glaciofluvial soils to be present beneath foundation bearing level near boring B6. Overexcavation to approximately El. 579 may be required in this area. These conditions may also extend toward the southwestern building corner. At the east building wing with lowest floor at El. 598.5, overexcavation of unsuitable materials will likely be required for footings at conventional bearing depths.

4.2.2 Foundation Design Criteria

- Footings may be sized for maximum net allowable bearing pressures as follow:

  - Compacted Granular Fill (non-basement area only): 3 tons per sq. ft. (tsf)

  - Glacial Soils, Lean Concrete, Weathered Bedrock, Sound Bedrock: 5 tsf

    (Note: The recommended bearing pressure is governed by engineering properties of glacial soils.)

- Based on existing subsurface information, weathered or sound bedrock is anticipated to be present at conventional bearing depth at a limited number of foundations. We understand that the project team may include alternate foundation designs in the drawings to accommodate footing locations where weathered or sound bedrock may be encountered at conventional bearing depth (primarily in the southeastern basement area). In that event, footings should be sized for the following maximum net allowable bearing pressures:

  - Weathered Bedrock: 10 tsf

  - Sound Bedrock: 25 tsf

- The net maximum allowable bearing pressures are for footings 3 ft or larger in width. For footings smaller than 3 ft, the maximum net allowable bearing pressure should be proportionally reduced by the ratio of the actual footing width to 3 ft. The minimum width of footings should be 18 in.

- For loading combinations that include transient loads (such as seismic and wind loads), the maximum net allowable bearing pressure may be increased by 33 percent.

- Design footings to bear a minimum of 3.5 ft below grades exposed to freezing temperatures for frost protection.

- Where lean concrete fill is used to backfill overexcavation beneath footings, the lean concrete block may be formed vertically and should extend a minimum of 1 ft beyond the edges of the footing.

- Where compacted granular fill is used to backfill overexcavation beneath footings (non-basement areas only), excavation should extend beyond footing edges a horizontal distance equal to 2 ft. plus the depth of overexcavation (bearing zone).

- For footings bearing on weathered or sound bedrock, place a minimum 6-in. thick layer of ¾-in. size crushed stone beneath footings to serve as a cushion and reduce differential settlements between rock and soil-supported foundations.

- Locate footings to bear below a 1.5H:1V slope extending upward and away from the bottoms of new or existing utility pipes, pits, or other planned localized excavations.

4.2.3 Settlement

For footings designed and constructed as recommended herein, we estimate total settlement of footings will be less than 1 in., and differential settlement between adjacent footings will be less than 3/4 in. The majority of these settlements will typically occur as structure dead load is applied during construction.

4.3 Lowest Level Floor Slab

Design the lowest floor slabs to be soil-supported, concrete slabs-on-grade. The slabs should bear on a minimum 12-in. thick layer of ¾-in. size crushed stone placed over a geotextile filter to accommodate the recommended underslab drainage system in the basement and potential need for radon mitigation beneath all lowest floors. Further details regarding radon mitigation and waterproofing and underslab drainage are presented in later sections. Grade raise fill to be placed beneath the lowest floor level at El. 598.5 should consist of compacted granular fill.

Pavements, topsoil, and organic alluvial soils (if present) should be stripped below lowest floor slabs. Existing underground structures, foundations, utilities and other large debris should be removed to a depth of 2.5 ft (minimum) below the bottoms of floor slabs. Backfill excavations made to remove these objects with compacted granular fill. Portions of underground utilities that will remain within 10 ft. of the proposed building footprint should be abandoned in-place by capping and filling with cement grout.

Where existing fill and alluvial soils are exposed at slab subgrades, they may be left in-place assuming the subgrade is prepared in accordance with the recommendations herein. Subsurface conditions were likely altered during demolition of the Old Central Warehouse. Soils disturbed during demolition or

backfill placed with inadequate compaction or over improperly prepared subgrades should be removed and excavations backfilled as recommended herein.

4.4 Seismic Design

In accordance with the Building Code, the seismic soil design criteria for the proposed building addition are: S_s=0.231 g; S_1=0.062 g; and Site Class = C. Soils at the site are not susceptible to liquefaction under the Building Code design earthquake, and seismically-induced settlements are anticipated to be ¼ in. or less.

4.5 Foundation and Underslab Drainage

Based on existing site topography, proposed lowest floor levels, and the depth to groundwater encountered in the subsurface investigations, we recommend installing a system of underslab and foundation perimeter drains to relieve hydrostatic pressures beneath basement floor slabs and behind below-grade walls. The drains should be designed in accordance with the details shown on Figure 3.

At foundation drains, a geocomposite drainage mat may be used in lieu of the 3-ft. width of compacted granular fill placed adjacent to walls. Use of the drainage mat will permit use of backfill materials containing up to 20% by weight passing the No. 200 sieve.

A vapor barrier should be provided beneath the basement slab, and a damp-proof coating should be applied to basement walls (i.e., waterproofing of the slab and walls would not be required). We do however note that based on discussions with contractors we understand that fluid-applied waterproofing (e.g., Procor by W.R. Grace) can be cost efficient and competitive with damp-proofing while providing an added level of protection from potential leakage and moisture. As such, we recommend consideration be given to the use of fluid-applied waterproofing in lieu of damp-proofing, particularly if moisture sensitive basement space is planned. Foundation walls should also be insulated in accordance with the Building Code.

The following recommendations are provided for design of the drainage system:

- The underslab drain and foundation perimeter drain pipe networks should be routed to a common sump pit location within the basement area. The pit should be dedicated to the collection of groundwater from the system only. Cleanouts should be provided at layout corners and terminations.

- Based on the proposed basement floor level, we understand that gravity discharge of water collected by the drainage system sump pit is not feasible. Therefore, collected water will need to be discharged by a pumped system.

- The sump pit, pump system, and discharge pipe should be designed for a flow rate of 10 to 20 gallons per minute (gpm) under normal (steady state) operating conditions with an intermittent peak flow rate of 25 gpm. These estimated flow rates assume that the drainage system for the proposed building and tunnel extension is hydraulically isolated from the drainage system for the existing tunnel as recommended below.

- The exterior sides of the sump pit walls should be waterproofed; and the pit walls and base slab should be designed to resist hydrostatic pressures equivalent to the basement finished floor level.

- The project civil engineer should confirm that the head of the water discharged from the foundation drainage system is capable of overcoming the peak hydraulic grade line in the site drainage utility with an adequate factor of safety.

- The discharge pipe leading from the sump pit should include a backflow preventer to preclude water from backflowing the system and into the basement should the site storm drain or sanitary sewer be surcharged following heavy precipitation and/or snow melt.

- The discharge system should be designed with at least two redundant pumps, each capable of pumping at the above-noted peak discharge rate. The pumps should be designed to cycle such that they are used alternately during normal and peak operations. Additionally, the pumps should be capable of pumping simultaneously. Backup power for the pumps should be provided to maintain system operation in the event of a power outage to reduce the likelihood of the basement flooding due to a power failure.

- Based on available information, it appears that the drainage system for the proposed building and tunnel extension will be lower than the drainage system for the existing tunnel. These two systems should be hydraulically isolated from each other to avoid having water collected by the existing tunnel drainage system contribute to flow entering the building sump, which could result in flow rates exceeding the discharge pump capacities noted above.

Based on the preliminary groundwater quality data, collected groundwater can be routed to site storm drains or sanitary sewers without pretreatment. We recommend that the project team consult UConn personnel regarding the capacity of nearby storm drains to confirm the feasibility of such discharge. It will be important to make an assessment of current flow conditions in the drain pipe to understand whether there is capacity for additional flow.

4.6 Lateral Earth Pressures

Design below-grade building walls using recommendations presented below for unrestrained or restrained walls, as appropriate (where H is the height of soil in feet against the wall above the lowest floor level). These recommendations assume horizontal backfill to a distance behind walls equal to the wall height, and that walls are drained. (Recommendations for site walls are discussed in a later section.)

- Static Earth: 55 pounds per cubic foot (pcf) equivalent fluid unit weight for restrained walls.
  35 pcf equivalent fluid unit weight for unrestrained walls.

- Seismic Earth: $3.5H^2$ pounds per l.f. of wall (total force to be distributed as an inverted triangle over the height of wall).

- Surcharge: 0.5 times the vertical surcharge load (psf), uniformly distributed over the height of the wall for restrained walls.
  0.33 times the vertical surcharge load (psf), uniformly distributed over the height of the wall for unrestrained walls.

For seismic loading conditions, walls should be designed to resist static plus seismic earth pressures. Surcharge loading does not need to be considered for seismic design unless the surcharge will be applied over an extended time.

The recommended factors of safety against sliding and overturning are 1.5 and 2.0, respectively.

4.7 Resistance to Lateral Loads

Lateral loads may be resisted using a combination of friction between footing bases and underlying soils, and net passive restraint on below-grade walls and footings. The resistance to lateral loads provided by friction between footing concrete and underlying natural glacial soils or compacted granular fill should be calculated using a coefficient of friction (ultimate) equal to 0.55.

The resistance to lateral loads provided by net passive pressures should be calculated using an equivalent fluid unit weight of 125 psf per foot depth. This value assumes buoyant soil conditions and that backfill within 5 ft laterally against the walls and footings is granular and systematically compacted in lifts. The top of the assumed passive zone should begin 6 in. below the bottom of the adjacent slab. If the horizontal distance between adjacent elements is less than twice the height of the subject structural element, the passive pressure should be discounted proportionately to the distance (i.e., full pressure at twice the height away) to accommodate interaction of the elements.

4.8 Radon Mitigation System

The "Indoor Radon Potential Map of Connecticut", prepared by the CT Department of Environmental Protection, dated 1997, indicates the site is located within a "moderate" area of radon potential. Moderate zones are defined as areas where 22% of the tested homes in that area have basement air radon levels greater than or equal to 4.0 picocuries per liter of air (pCi/l), respectively. Given the moderate radon potential in this area, we recommend that the project team assess if a radon protection system is warranted for this building.

4.9 Exterior Grading

Where possible, surface runoff should be directed away from the building by sloping grades downward away from the building and providing a low permeability surface finish within 10 ft of exterior building walls. Low permeability surface finishes may include bituminous pavements, concrete sidewalks, or a 12-in. minimum thickness of low permeability backfill such as topsoil.

4.10 Underslab Utilities

Utilities beneath the building slab may be soil-supported bearing on existing inorganic fill or natural soils that are stable under proof-compaction, or on Compacted Granular Fill placed following the removal of exposed unsuitable bearing materials. Bedding materials for utilities should be in accordance with manufacturer recommendations.

4.11 Backfill Materials

4.11.1 Compacted Granular Fill

Compacted Granular Fill should consist of uncontaminated natural bank-run sand and gravel, free of organic material, snow, ice, debris, or other unsuitable materials and should be well-graded within the following limits:

U.S. Standard Sieve Size	Percent Finer by Weight
6 in. (1)	100
No. 4	30-80
No. 40	10-50
No. 200	0-8

(1) Use a maximum 3-in. size for fill placed within 6 in. of concrete slabs or footings, and within 3 ft of foundation walls.

4.11.2 Common Fill

Common Fill should consist of uncontaminated mineral sandy or gravelly soil, predominantly free from clay, organic matter, plastic, metal, wood, ice, snow, debris or other deleterious material and should have the characteristic that it can be readily placed and compacted. Common Fill imported to the site should have a maximum of 80 percent passing the No. 40 sieve and a maximum of 30 percent finer than the No. 200 sieve. The maximum particle size should be the smaller of 2/3 the lift thickness or 6 in. Silty common fill soils will require careful moisture control during placement and compaction to satisfy project requirements.

4.11.3 Crushed Stone

Crushed stone should consist of No. 6 crushed stone (¾-in. size) in accordance with Connecticut Department of Transportation Form 816A, M.01.01. Crushed stone used for foundation perimeter and underslab drainage systems and the radon mitigation system (if needed) shall be washed at the source site prior to import.

4.11.4 Geotextile

A filtration-type geotextile is recommended between crushed stone and surrounding and underlying soils. The material should consist of 6 oz per square yard, needle-punched, non-woven filter fabric such as Mirafi 160N or equivalent.

4.11.5 Lean Concrete

Lean concrete for placement below footings should consist of a commercial mixture of cement and aggregate conforming to applicable Connecticut Department of Transportation standards that will yield a minimum 28-day compressive strength of 1,500 psi.

4.11.6 Low Permeability Fill

Low permeability fill is recommended as the final 12 in. thickness of fill at ground surface above foundation/ retaining wall backfill except in areas where pavements or other structures are constructed at ground surface. Low permeability fill should consist of Common Fill with a minimum 20 percent passing a No. 200 sieve.

5. SITE DEVELOPMENT RECOMMENDATIONS

5.1 General

This section presents geotechnical engineering recommendations for the proposed site development aspects of the project.

5.2 Pavement Design

Pavement section recommendations for light and heavy duty applications (with reference to CTDOT Form 816) are as follows:

	Minimum Thickness (in.)	
	Light Duty	Heavy Duty
Bituminous Concrete: Top (M.04.01.03, Class 2)	1.5	1.5
Bituminous Concrete Binder (M.04.01.03, Class 1)	1.5	2.5
Processed Aggregate Base (M.05.01)	4	6
Gravel Subbase (M.02.06, Grading B)	8	10

Use of a light-duty section is recommended in parking areas. The heavy-duty section is recommended for roadways, main access routes through parking areas, and areas where traffic from more heavily-loaded vehicles such as ambulances, trucks, and buses is anticipated.

Base and subbase materials should be placed and compacted in separate lifts to at least 95% of their respective maximum dry unit weights as determined by ASTM D1557. Procedures and equipment for compaction should be the same as for Compacted Granular Fill.

5.3 Site Retaining Walls

Based on the grading scheme available at this time, site retaining walls will be used to accommodate grade changes of up to about 10 ft. Cantilever retaining walls may be designed in accordance with recommendations presented in Section 4 for building walls. An exception to this is that passive earth pressure resistance should be neglected. Also, unrestrained walls with sloping backfill (up to 2H:1V) should be designed for an equivalent fluid unit weight of 45 pcf.

The maximum allowable bearing pressure may be increased by one-third at the footing toe for cantilever retaining walls.

It appears that relatively thick fills associated with backfilling of the existing Pharmacy Building may be present near portions of the retaining wall to the southwest (near boring B11). Overexcavation of fill beneath retaining wall foundations will likely not be practical. Additional recommendations can be provided as information regarding wall design becomes available.

5.4 Permanent Slopes

Permanent soil slopes should be designed and constructed at inclinations of 2H:1V or flatter. Flatter slope inclinations (such as 3H:1V) are recommended in north facing areas to reduce the potential for surficial sloughing. Slopes should be vegetated for protection against erosion.

5.5 Site Utilities

Site development includes installation of new utilities and relocation of existing utilities. Final locations and invert elevations are not available at this time. We anticipate that the existing site soils are suitable subgrade materials for pipe bedding. Utility trench subgrades should be proof-compacted with at least four coverages of hand-guided vibratory compaction equipment delivering a minimum 5,000 ft-lb dynamic force. Soft or weaving material observed during proof-compaction should be removed and replaced with Compacted Granular Fill. Utilities may be soil supported with bedding materials as recommended by pipe manufacturers. If encountered, bedrock, building remnants, site retaining walls, debris, and other obstructions should be removed to at least 12 in. below utility invert elevations to limit "hard" spots and potential cracking of utilities.

6. ENVIRONMENTAL RECOMMENDATIONS

6.1 Environmental Review

Our understanding of the environmental setting of the subject site is based on a review of aerial photographs and an Environmental Data Resources (EDR) report obtained for this project. A summary of the previous site conditions is provided in Section 1.4 above. Copies of the referenced aerial photographs and the EDR Radius Map Report containing publicly available environmental records and the City Directory Report is provided on a CD in Appendix E.

6.2 Regulatory Setting

In January 1996, Connecticut Department of Energy & Environmental Protection (CTDEEP) promulgated the Remediation Standard Regulations (RSRs). The RSRs provide numeric baseline criteria used to evaluate the need for clean-up at certain properties including “establishments” as defined within Section 22a-134 of the Connecticut General Statutes (C.G.S.), those undergoing “Voluntary Remediation” pursuant to Section 22a-133 of the C.G.S., and/or those subject to CTDEEP enforcement action.

The site does not appear to be an “establishment” based on available site history. Furthermore, since the site is not being transferred it would not be subject to the Connecticut Property Transfer Act. As such, the RSRs were used as guidance in evaluating site environmental conditions.

The subject site is located in a groundwater area classified as "GA/GAA" by the CTDEEP with notation that it may not meet current standards. A “GA/GAA” classification indicates that the water resource is an existing or potential public supply of water source for drinking without treatment and serves as the baseflow for hydraulically connected surface water bodies.

In consideration of regulatory requirements and site history, results of chemical analysis conducted as part of the preliminary soil precharacterization program were compared to CTDEEP RSRs. The RSR criteria used in our evaluation were the Residential Direct Exposure Criteria (RDEC) and the GA and GB Pollutant Mobility Criteria (PMC). RDEC are used to evaluate the risks associated with human exposure to impacted soils. PMC are used to evaluate the potential for contaminants to leach from soil into groundwater. Additionally, the results were compared with Massachusetts (MA) Landfill Reuse Acceptance Criteria (Policy# COMM-97-001) to determine the suitability of reusing excavated site soils as cover at Massachusetts landfills as is standard industry practice.

6.3 Preliminary Chemical Testing

Select soil samples and one groundwater sample were obtained from the recent explorations and chemically tested as part of a preliminary soil and groundwater precharacterization program. The soil quality data were used to preliminarily assess on-site reuse and off-site disposition requirements for excavated soils during construction. The groundwater quality data were used to preliminarily assess permitting requirements and the need for pre-treatment of groundwater collected in temporary construction dewatering systems and permanent foundation drain systems prior to discharge. Copies of the laboratory reports and chain-of-custody documentations for the soil and groundwater testing are provided in Appendix F. Refer to Tables II and III for a summary of analytical data for soil and groundwater, respectively. These tables typically include only those compounds detected in at least one sample.

6.3.1 Soil

Eight soil samples (one topsoil and seven fill) were collected from five test borings between 4 and 10 February 2014. After a review of the historic site conditions, floor levels of nearby buildings, and comparable samples from nearby borings, the soil samples collected to be representative of natural soils were determined to be fill. Therefore, none of the samples collected for precharacterization analyses are representative of natural soils. The topsoil sample was collected from boring B6. The fill samples were collected from borings B2 (2 samples), B3 (two samples), B10 (1 sample), and B11 (2 samples). The samples were submitted to Completed Environmental Testing (CET) of Stratford, Connecticut (a Connecticut state-certified laboratory) for the following analysis:

- Volatile Organic Compounds (VOCs) by EPA Method 8260;
- Semivolatile Organic Compounds (SVOCs) by EPA Method 8270;
- Polychlorinated Biphenyls (PCBs) by EPA Method 8082;
- Total Resource Conservation and Recovery Act (RCRA) 8 metals;
- Total Petroleum Hydrocarbons (CT Extractable Total Petroleum Hydrocarbons [ETPH] Method);
- Waste characteristic parameters (by Method SW 846) Reactive Sulfide and Cyanide, Conductivity, Flashpoint, and pH;
- Synthetic Precipitate Leaching Procedure (SPLP) RCRA 5 Metals; and
- Toxicity Characteristic Leaching Procedure (TCLP) for lead.

6.3.2 Groundwater

A groundwater sample was obtained from B9(OW) on 10 February 2014 using low-flow pumping and sampling methods. The sample was submitted to CET for the following analyses:

- pH;
- Total RCRA 8 Metals;
- CT ETPH;
- VOCs by EPA Method 8260/5035;
- SVOCs by EPA Method 8270 ; and,
- PCBs by EPA Method 8082.

6.4 Results of Chemical Testing

The results of the chemical testing indicate fill soils from B11 S1 contain only background levels of metals with no other compounds reported above laboratory detection limits. These soils can be considered “clean fill.”

Results of the chemical testing indicate elevated levels of certain compounds in the following samples:

- Topsoil sample B6 S1 contains slightly elevated SVOC concentrations, but less than applicable RDEC and GA PMC criteria. This soil is considered “polluted”.

- Fill soil samples B2 S1, B2 S2, B3 S1, and B11 S2 background level metals and slightly elevated SVOC and VOC concentrations, but less than applicable RDEC and GA PMC criteria. These soils are considered “polluted”.

- Fill soil samples B3 S2 and B10 S1 contain SVOC concentrations that exceed applicable RDEC and GA/GB PMC criteria. Sample B3 S2 also contains slightly elevated CT ETPH concentrations, but less than RDEC and GA PMC criteria. These soils are considered "contaminated".

The results were also compared to Massachusetts Department of Environmental Protection (MADEP) landfill reuse criteria (DEP Policy #COMM-97-001). The tested topsoil, fill, and natural soils meet MA unlined and lined landfill reuse criteria.

6.5 Soil Management

Based on this preliminary testing and our previous experience with UConn, we recommend the following regarding soil management (pending completion of a final soil precharacterization program):

- Relative to on-site reuse of fill: For initial planning, polluted topsoil should not be reused on-site. Excavated fill soils representative of those at B11 S1 can be reused on-site with no restrictions from an environmental perspective. Excavated fill soils representative of those at B2 S1, B2 S2, B3 S1, and B11 S2 may be reused on-site if restricted to the following: within 1 ft below new building slab (i.e. below the crushed stone layer), 2 ft below paved area, or 4 ft below landscaped area to render the soils inaccessible. Excavated fill soils representative of B3 S2 and B10 S1 may be reused on-site provided they are placed to within 1 ft below the new building slab such that the building serves as an impermeable cap. Re-use beneath building or paved areas is also subject to suitability of materials for such use from a geotechnical perspective.

- Relative to off-site disposition of fill: Excess fill soils representative of those at B11 S1 can be taken off-site as "clean" fill without restriction. However, given the typical heterogeneous quality of historic fills, we recommend for initial planning that excess excavated fill soils and polluted topsoil be transported to Massachusetts landfills for reuse as cover. Other non-landfill sites approved by CT DEEP to accept polluted soils (if available at the time of construction) may be feasible, and could be assessed further during construction.

- Natural Soils: Analytical testing was not completed on natural soil samples during this precharacterization phase. However, additional sampling will be required in connection with final precharacterization to be performed after demolition of the Old Central Warehouse. It should be noted that hydrocarbon odors were noted in boring B2 near the fill-glacial till layer interface and at greater depth in glacial till at boring B3. The source of this potential pollution is uncertain at this time. It is anticipated that a portion of the natural soils may be considered polluted or contaminated, with remaining soils anticipated to be considered as clean.

- Permitting: The need for a CTDEEP General Permit for Contaminated Soil and/or Sediment Management should be assessed once final soil precharacterization is completed.

6.6 Groundwater Management

6.6.1 Temporary Construction Dewatering

Permitting

Based on the preliminary groundwater quality data and since the anticipated total disturbed area of the site will likely be greater than one acre, a temporary construction dewatering permit will be required in compliance with the State of Connecticut General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities (DEEP-WPED-GP-015). The project is considered "locally exempt", meaning the project is authorized under municipal, state, or federal authority, and may not be required to obtain municipal approval for the work. A "locally exempt" project is required to submit a Stormwater Pollution Prevention Plan (SWPPP) in conjunction with applying for the General Permit.

Based on the preliminary groundwater quality data, discharge from temporary construction dewatering systems and from permanent foundation drainage systems may be routed to storm drains or sanitary sewers without the need for permitting beyond the previously noted Discharge of Stormwater and Dewatering Wastewaters from Construction Activities Permit.

Treatment/Testing

Based on the preliminary groundwater quality data, treatment of groundwater collected by temporary construction dewatering systems beyond standard measures to control total suspended solids and pH associated with placement of new concrete is not required prior to discharge. For discharge to sanitary lines, the receiving treatment works facility may require periodic compliance testing of discharged water. Such potential testing requirements (if any) should be confirmed by the receiving facility during project final design. The CTDEEP permits mentioned above have periodic testing and documentation requirements.

Based on the preliminary groundwater quality data, treatment of groundwater collected by permanent foundation drainage systems is not required prior to discharge to storm drains or sanitary sewers.

7. CONSTRUCTION CONSIDERATIONS

7.1 General

This section provides comments related to foundation construction, earthwork, and other geotechnical aspects of the project. It will aid those responsible for the preparation of contract plans and specifications and those involved with construction monitoring. Contractors must evaluate potential construction problems on the basis of their own knowledge and experience, taking into account their own proposed construction methods and procedures.

7.2 Excavation and Temporary Slopes

Materials excavated during building construction will include topsoil, fill, alluvial deposits, and glacial soils. Total excavation depths of about 15 to 25 ft. below ground surface are anticipated to reach foundation subgrades in the basement including overexcavation of unsuitable soils. Cuts in soil will be up to about 20 ft., with up to about 9 ft. of excavation in weathered and sound bedrock. At the eastern end of the building without a basement, cuts are anticipated to be completely in soil to depths of up to about 9 ft.

Temporary cut slopes in the fill, alluvial soils, and glacial deposits should be stable if dewatered and excavated no steeper than about 1.5H:1V. Cut slopes in alluvial soils should be flattened to 2H:1V if organic soils are encountered. Slopes should be protected from erosion due to surface water, seepage, and freeze/ thaw. Some sloughing and raveling should be anticipated particularly in areas of seepage, where precipitation falls on slope faces, or surface water runs over slope faces. Flatter slopes may be required locally, and should be addressed on a case by case basis. Temporary slopes should be constructed to comply with OSHA and other applicable regulations.

Existing utilities, concrete (including building walls, slabs, and foundations), and brick may be encountered within the fill. Cobbles and boulders are present in fill and glacial soils. Other materials that may be encountered during construction include concrete sidewalks and bituminous pavements, topsoil, debris, and other obstructions. The Contractor should be prepared to fragment or crush debris, boulders, and other obstructions encountered prior to hauling, disposal, or reuse.

In the event that site logistics and/or sequencing prevent the use of open cuts, soldier pile and lagging walls appear feasible for temporary excavation support.

Bedrock excavation will be required in the southeastern corner of the basement area, with rock cuts of up to about 9 ft. The upper portion of the bedrock will be weathered in some locations and it may be possible to remove portions of the weathered bedrock with conventional earth-moving equipment. Excavation of sound bedrock and portions of weathered bedrock will require use of a hoe-ram or hydraulic rock splitter. Use of controlled blasting for rock excavation is not recommended due to the proximity of the site to nearby structures, including buildings housing laboratories conducting experiments that are sensitive to vibration and/or noise.

Excavations in weathered bedrock should be sloped no steeper than 1H:1V, and excavation sidewalls in bedrock should be no steeper than 1H:6V.

7.3 Dewatering

Excavation will extend up to about 14 ft. below groundwater level in the basement area. In addition, perched groundwater (above the static groundwater level) may be encountered locally. Dewatering will be required. It is anticipated that dewatering may be accomplished by pumping from filtered sumps.

Surface water should be diverted away from excavations. Water that accumulates from precipitation should be removed to maintain dry conditions.

7.4 Protection and Monitoring of Existing Buildings

The Chemistry Building, Pharmacy Building (including an underground vivarium), Central Utility Plant, and the utility tunnel are subject to impacts from the proposed construction. Based on the information available, the lowest floor levels of the Chemistry Building and Pharmacy Building are below the anticipated cut levels for the adjacent site retaining walls and it does not appear that protection of footings will be necessary.

As noted in a previous section, the surrounding buildings house laboratories conducting experiments that are sensitive to vibrations and sound. Separate work to determine allowable vibration and sound levels and prepare a specification for vibration and sound control during demolition of the Old Central Warehouse and construction of the new building and site features is underway. A program of vibration monitoring will be required to confirm that recorded vibration and sound levels remain below specified levels.

7.5 Protection of Utilities

The need for support of utilities (whether existing to remain in service or proposed) should be reviewed by the earthwork contractor based on its specific excavation plan, and by the general contractor or construction manager relative to its construction staging and traffic control plan.

7.6 Preparation and Protection of Bearing Surfaces

7.6.1 Foundations

It is recommended that excavation for footings be conducted in a manner that minimizes disturbance to soil bearing surfaces. Preferably, final excavation should be made with equipment having a smooth-edged bucket. The exposed subgrade should be observed in the field by a geotechnical engineer to confirm subgrade materials are suitable for foundation support.

The glacial soils will be easily softened and susceptible to disturbance from construction activities when wet. To avoid this disturbance, the contractor should form and pour concrete for footings or lean concrete fill on the same day as excavation. If this is not possible, bearing surfaces should be protected by a minimum 6-in. thickness (maximum 2-ft. thick) of compacted Crushed Stone over a geotextile filter.

In the event that a boulder becomes partially exposed at the footing bearing level, one of the following options should be utilized: 1) remove the boulder, and fill the void with lean concrete, or 2) remove a portion of the boulder sufficient to provide placement of 6 in. of ¾ in. crushed stone beneath the footing over the boulder. Each such encounter should be resolved individually in the field.

As noted previously, weathered and sound bedrock bearing surfaces should be over-excavated 6 in. and backfilled with crushed stone to reduce differential settlement between soil and rock-supported foundations.

The exposed subgrades should be observed in the field by a qualified geotechnical engineer to confirm the assumed foundation bearing conditions. Use of the allowable bearing pressures recommended in this report is contingent upon such observation and documentation that the field conditions are consistent with the assumptions made within this report.

7.6.2 Slab Areas

Prior to placing fill beneath floor slabs, compact the subgrade with at least eight passes of a heavy drum vibratory roller delivering a minimum 20 ton dynamic force. Soft or unsuitable materials encountered at the subgrade should be over-excavated and replaced with crushed stone placed over a geotextile filter. Compacted granular fill may be used to backfill excavations beneath the lowest slab at El. 600 in the northern end of the building.

7.6.3 Pavements

Site preparation for paved areas should include removal of existing pavements, slabs, stumps, vegetation, organic soil or materials including topsoil and subsoil. Existing fill soils and alluvial deposits can be left in-place below the pavement base course materials provided some risk of settlement is tolerable and the subgrade is prepared as discussed herein. An exception to this is that organic alluvial soils exposed at subgrades should be removed. Existing utilities to be abandoned should be either removed or cut-off, capped, and left in-place.

If a cut is necessary to reach the subbase subgrade elevation, the exposed subgrade should be proof-rolled with at least six passes of a heavy drum vibratory roller (20,000 lbs dynamic force) or a fully loaded 10-wheel dump truck under the observation of the Geotechnical Engineer's representative. Soft or weaving areas exposed by the proof-rolling should be excavated to firm material or to a maximum depth of 18 in. below the pavement subbase elevation, and replaced with compacted layers of Common Fill or Compacted Granular Fill.

In fill areas, unsuitable materials should be removed and the subgrade should be proof-rolled as noted above. Common Fill or Compacted Granular Fill should then be used as fill to reach the proposed subbase elevation.

7.7 Filling and Backfilling

Compacted soil fills should be placed in lift thicknesses not exceeding 12 in. in loose measure. Compaction equipment in open areas should consist of self-propelled vibratory rollers delivering a minimum 20-ton dynamic force. In confined areas, use maximum 6-in. thick lifts. Compaction equipment in confined areas may consist of hand-guided vibratory equipment delivering a minimum 5-ton dynamic force. A minimum of four systematic passes of compaction equipment should be used to compact each lift.

Recommended compaction requirements are as follow:

Location	Minimum Compaction Requirements
Adjacent to footings, Under footings and slabs	95%
Sidewalks, pavements	92% up to 3 ft below finished grade 95% in the upper 3 ft
Landscaped areas	90%

Minimum compaction requirements refer to percentages of the maximum dry density determined in accordance with ASTM D1557.

7.7.1 Re-use of Excavated Soil

Excavated soils will consist of topsoil, fill, alluvial deposits, and glacial soils. These materials are not suitable for re-use as clean granular fill, primarily due to silt content.

Excavated soil may be re-used as common fill after removing cobbles and boulders greater than 8 in. in size. Excavated soils containing deleterious materials, such as organics and building debris, should only be reused in landscaped areas. Careful moisture control will be required to achieve satisfactory compaction. In particular, wet materials will need to be dried prior to placement and compaction. Therefore, placement of excavated soils in cold or wet weather may present problems and delays.

Other factors that can impact the feasibility to reuse excavated soils include site logistics and stockpiling. Discussions regarding the hierarchy for on-site reuse, if planned, should occur once construction logistics (e.g., stockpiling, etc.) and disposition facility options have been identified by the contractor. Reuse of on-site materials below slabs or pavements should be observed and documented in the field by a qualified geotechnical engineer.

7.7.2 Environmental Soil Management

Off-site disposition of soils will require additional chemical testing in accordance with applicable State Regulations and disposition facility acceptance criteria, and will likely result in premium costs. The balance of cuts and fills, use of temporary cut slopes versus temporary excavation support systems, feasibility of stockpiling, and selected foundation construction approach will factor into the amount of chemical testing required and associated off-site disposition costs.

We recommend that the project team conduct a final soil precharacterization program prior to the start of construction to enable the refinement of soil management strategies, which would then be summarized in a final soil precharacterization report and an excavated soil and material management plan specification. This information would be used to assess the appropriate foundation construction approach and develop soil disposition cost estimates; and would then become the basis for contractors preparing health and safety plans, bidding soil reuse and disposition work, and executing earthwork activities.

7.8 Earthwork During Freezing Weather

Precautions should be taken if work takes place while temperatures are below freezing. Frozen soil or soil containing snow or ice should not be used as compacted fill. Placement of compacted fills should not be conducted when air temperatures are low enough (approximately 30°F, or below) to cause freezing of the moisture in the fill during or before placement.

Fill materials should not be placed on water, snow, ice or frozen soil. No fill should be allowed to freeze prior to compaction. At the end of each day's operations, the last lift of fill, after compaction, should be rolled by a smooth-wheeled roller to eliminate ridges of uncompacted soil. Silty soils are susceptible to disturbance by freezing, especially in the presence of water and traffic.

Soil bearing surfaces below completed foundations and slabs must be protected against freezing before and after foundation construction. If construction is performed during freezing weather, footings should be backfilled to a sufficient depth (up to 3.5 ft) as soon as possible after they are constructed. Alternatively, insulating blankets, heating, or other means may be used for protection against freezing.

7.9 Construction Monitoring

The recommendations contained in this report are based on known and reasonably predictable behavior of properly engineered and constructed foundations and other facilities. We recommend that an engineer or technician, qualified by training and experience, perform full-time field observations of the geotechnical aspects of construction including:

- overexcavation of unsuitable foundation bearing materials;
- preparation of slab, footing, pavement, and fill subgrades;
- on-site reuse and off-site disposal of excavated materials (including preparation and management of manifests required to document off-site disposition)
- construction of underslab and foundation perimeter drainage systems;
- confirmation that backfill materials conform to project plans and specifications; and,
- placement and testing of compacted structural fills in accordance with Building Code requirements.

TABLE I
SUMMARY OF SUBSURFACE EXPLORATIONS
PROPOSED SCIENCE & ENGINEERING BUILDING
UNIVERSITY OF CONNECTICUT, STORRS, CONNECTICUT

EXPLORATION NO.		APPROX. GROUND SURFACE ELEVATION (FT) NGVD29	TOTAL DEPTH (FT)	THICKNESS OF STRATA (FT)							APPROX. DEPTH TO SUITABLE BEARING MATERIAL (FT)		APPROX. DEPTH TO BEDROCK (FT)		WATER LEVEL (FT)	
				ASPHALT / CONCRETE	TOPSOIL	FILL	ALLUVIAL DEPOSITS	GLACIOFLUVIAL DEPOSITS	GLACIAL TILL	WEATHERED BEDROCK	DEPTH	ELEV.	DEPTH	ELEV.	DEPTH	ELEV.
Recent Explorations																
B1	R	600.8	25.9	0.6	--	6.4	--	--	> 18.9	--	7.0	593.8	--	--	--	--
B2	C	603.3	24.0	0.3	--	6.7	--	--	8.0	4.0	7.0	596.3	15.0	588.3	--	--
B3	C	594.5	35.0	0.5	--	6.5	--	--	17.0	6.0	7.0	587.5	24.0	570.5	--	--
B4 (Not Drilled)		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B5	C	593.8	28.0	0.3	--	5.7	--	4.0	13.0	--	6.0	587.8	23.0	570.8	--	--
B6	R	593.9	30.0	--	0.3	4.7	6.5	3.5	13.0	> 2.0	11.5	582.4 (7)	28.0	565.9	17.0	576.9
B7	R	604.8	20.8	--	0.3	9.7	--	--	> 10.8	--	10.0	594.8	--	--	--	--
B8	R	605.3	17.5	--	--	10	--	--	5.0	2.5	10.0	595.3	15.0	590.3	--	--
B9(OW)	R	604.3	20.1	0.3	--	6.7	--	13.0	--	> 0.1	7.0	597.3	20.0	584.3	11.6	592.7
B10	R	604.5	25.3	0.2	--	2.8	--	10.0	7.0	> 5.3	3.0	601.5	20.0	584.5	24.0	580.5
B11	R	597.1	18.0	--	0.3	> 17.7	--	--	--	--	> 18.0	< 579.1	--	--	--	--
Previous Explorations																
B-1(12)		602.2	22.0	--	--	14.5	--	--	> 7.5	--	14.5	587.7	--	--	18.0	584.2
B-2(12)		591.0	17.0	0.4	--	8.4	--	--	> 8.2	--	8.8	582.2	--	--	9.0	582.0
B308(00)	C	592.0	41.0	--	--	4.5	4.5	--	22.2	4.8	9.0	583.0	31.2	560.8	14.0	578.0
B310-OW(00)		590.0	27.0	0.3	--	2.7	2.0	--	> 22	--	5.0	585.0	--	--	8.9	581.1
B311(00)		592.0	27.0	0.5	--	4.0	--	--	15.5	> 7.0	4.5	587.5	20.0	572.0	10.0	582.0
B1(96)		591.0	18.0	0.3	--	8.2	--	--	5.5	> 4.0	8.5	582.5	14.0	577.0	7.0	584.0
B2(96)	C	591.0	25.0	--	--	7.0	--	--	9.5	2.0	7.0	584.0	16.5	574.5	6.0	585.0
B3(96)		599.4	14.0	--	0.2	7.8	--	--	> 6.0	--	8.0	591.4	--	--	7.0	592.4
B4(96)		591.1	18.5	0.3	--	8.7	--	--	6.5	> 3.0	9.0	582.1	15.5	575.6	7.0	584.1
B5(96)		591.6	14.9	0.2	--	11.8	--	--	> 2.9	--	12.0	579.6	--	--	4.5	587.1
B7(96)		604.0	20.2	--	0.2	9.3	--	--	7.0	>3.7	9.5	594.5	16.5	587.5	14.5	589.5
B8A/B-OW(96)	C	593.2	16.0	--	0.2	7.3	--	--	2.5	1.0	7.5	585.7	10.0	583.2	6.0	587.2
B204(96)		592.7	19.7	0.2	--	2.8	5.5	--	> 11.2	--	8.5	584.2	--	--	9.5	583.2
B205(96)		593.6	20.0	0.3	--	7.7	> 12.0	--	--	--	> 20	< 573.6	--	--	11.5	582.1
B208(96)		591.1	22.0	0.2	--	5.8	--	12.5	> 3.5	--	18.5	572.6	--	--	7.0	584.1
B12(94)	C	605.5	26.0	--	0.5	2.3	--	--	16.2	2.0	2.8	602.7	19.0	586.5	--	--
B14(94)	C	603.8	23.5	--	0.4	4.6	--	--	8.0	--	5.0	598.8	13.0	590.8	10.0	593.8
B16(94)		596.1	10.0	--	0.4	3.6	--	--	> 6.0	--	4.0	592.1	--	--	8.6	587.5

NOTES:

1. ">" indicates greater than
   "--" indicates not encountered or not known
   "(C)" indicates bedrock cored
   "(R)" indicates boring terminated at practical refusal of augers or split spoon sampler, although deeper drilling may have been possible.
   "OW" indicates observation well installed in completed borehole.
2. Strata thicknesses were interpreted from the boring logs, and actual strata change levels may vary.
3. Elevations of explorations are in feet and reference NGVD29. Elevations of recent explorations were estimated from contours shown on Figure 2.
4. Refer to test boring logs for detailed soil descriptions.
5. Groundwater levels in test borings (without observation wells) were measured shortly after drilling and may not reflect stabilized groundwater.
6. Ground surface elevations and subsurface conditions at previous explorations may have been altered by subsequent construction.
7. Relatively loose glaciofluvial soils may be present near B6. If so, overexcavation to glacial till at El. 578.9 may be required.

TABLE II
SUMMARY OF LABORATORY ANALYTICAL DATA FOR SOIL
PROPOSED SCIENCE & ENGINEERING BUILDING
UNIVERSITY OF CONNECTICUT
STORRS, CONNECTICUT

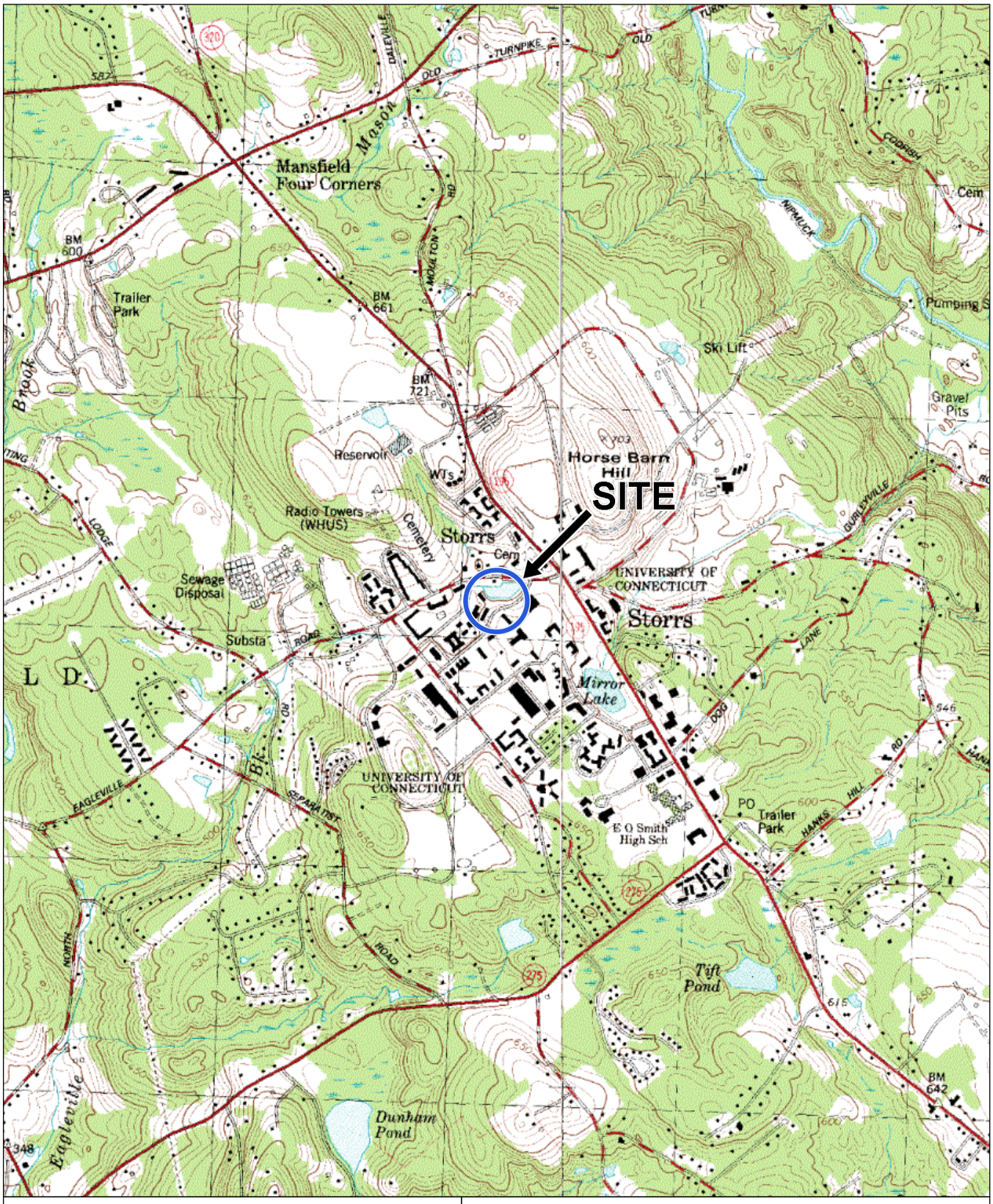
	CTDEEP RSRs			Massachusetts Landfill Criteria		Sample ID:	B2 S1	B2 S2	B3 S1	B3 S2	B10 S1	B6 S1	B11 S1	B11 S2
						Depth:	1 to 3	3 to 5	1 to 3	3 to 5	1 to 3	0 to 1	0.5 to 2	15 to 17
						Sample Date:	2/4/2014	2/4/2014	2/7/2014	2/7/2014	2/6/2014	2/7/2014	2/10/2014	2/10/2014
	CT DEEP RSR RDEC	CT DEEP RSR GA PMC	CT DEEP RSR GB PMC	Lined Landfill	Unlined Landfill	Lab ID:	4020089-01	4020089-05	4020089-03	4020089-02	4020089-004	4020142-01	4020142-03	4020142-02
						Type:	Fill	Fill	Fill	Fill	Fill	Topsoil	Fill	Fill
Volatile Organics (ug/kg)														
Isopropylbenzene	500000	600	132000	--	--		**27**	**12**	ND(4.3)	ND(4.3)	ND(4.9)	ND(3.1)	ND(2.8)	ND(2.7)
1,3,5-Trimethylbenzene	500000	7000	70000	--	--		**11**	**6.3**	ND(4.3)	ND(4.3)	ND(4.9)	ND(3.1)	ND(2.8)	ND(2.7)
1,2,4-Trimethylbenzene	500000	7000	70000	--	--		**100**	**54**	**18**	ND(4.3)	ND(4.9)	ND(3.1)	ND(2.8)	**7.4**
sec-Butylbenzene	500000	1400	14000	--	--		**33**	ND(5.5)	**14**	ND(4.3)	ND(4.9)	ND(3.1)	ND(2.8)	ND(2.7)
n-Butylbenzene	500000	1400	14000	--	--		ND(5.5)	ND(5.5)	**8.5**	ND(4.3)	ND(4.9)	ND(3.1)	ND(2.8)	ND(2.7)
Naphthalene	1000000	5600	56000	--	--		**50**	**78**	**71**	ND(4.3)	ND(4.9)	**7.1**	ND(2.8)	ND(2.7)
SUM	-	-	-	10000	4000		221	150.3	111.5	ND	4.9	10.2	ND	7.4
SUM Total Chlorinated	-	-	-	-	-		ND	ND	ND	ND	ND	ND	ND	ND
Semivolatile Organics (ug/kg)														
Acenaphthylene	1,000,000	8,400	84,000	--	--		ND(340)	ND(320)	ND(330)	**430**	ND(360)	ND(370)	ND(330)	ND(320)
Fluorene	1,000,000	5,600	56,000	--	--		ND(340)	ND(320)	ND(330)	**370**	ND(360)	ND(370)	ND(330)	ND(320)
Phenanthrene	1,000,000	4,000	40,000	--	--		**420**	ND(320)	ND(330)	**3800**	**730**	**1000**	ND(330)	ND(320)
Anthracene	1,000,000	40,000	400,000	--	--		ND(340)	ND(320)	ND(330)	**890**	ND(360)	ND(370)	ND(330)	ND(320)
Carbazole	31,000	1,000	1,000	--	--		ND(340)	ND(320)	ND(330)	ND(330)	ND(360)	**400**	ND(330)	ND(320)
Fluoranthene	1,000,000	5,600	56,000	--	--		**580**	ND(320)	ND(330)	**5500**	**1400**	**1800**	ND(330)	ND(320)
Pyrene	1,000,000	4,000	40,000	--	--		**490**	ND(320)	ND(330)	**5800**	**1300**	**1400**	ND(330)	ND(320)
Benzo[a]anthracene	1,000	1,000	1,000	--	--		ND(340)	ND(320)	ND(330)	**2800**	**900**	**600**	ND(330)	ND(320)
Chrysene	84,000	1,000	1,000	--	--		ND(340)	ND(320)	ND(330)	**2900**	**930**	**700**	ND(330)	ND(320)
Benzo[b]fluoranthene	1,000	1,000	1,000	--	--		ND(340)	ND(320)	ND(330)	**2600**	**1100**	**870**	ND(330)	ND(320)
Benzo[k]fluoranthene	8,400	1,000	1,000	--	--		ND(340)	ND(320)	ND(330)	**1200**	**510**	**370**	ND(330)	ND(320)
Benzo[a]pyrene	1,000	1,000	1,000	--	--		ND(340)	ND(320)	ND(330)	**2800**	**1100**	**670**	ND(330)	ND(320)
Indeno[1,2,3-cd]pyrene	1,000	1,000	1,000	--	--		ND(340)	ND(320)	ND(330)	**1800**	**1100**	**440**	ND(330)	ND(320)
Dibenz[a,h]anthracene	1,000	1,000	1,000	--	--		ND(340)	ND(320)	ND(330)	**550**	ND(360)	ND(370)	ND(330)	ND(320)
Benzo[g,h,i]perylene	1,000,000	4,200	42,000	--	--		ND(340)	ND(320)	ND(330)	**2400**	**1400**	**500**	ND(330)	ND(320)
SUM	-	-	-	100000	100000		1490	ND	ND	33840	10470	8750	ND	ND
Polychlorinated Biphenyls (mg/kg)														
SUM	1	-	-	2	2		ND(0.23)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.24)	ND(0.25)	ND(0.22)	ND(0.22)
Total Metals (mg/kg)														
Arsenic	10	--	--	40	40		3	1.9	2.7	3.4	3.7	3.4	1.5	1.7
Barium	4700	--	--	--	--		51	66	39	69	59	39	43	49
Cadmium	34	--	--	80	30		ND(0.57)	ND(0.54)	0.65	ND(0.55)	ND(0.61)	ND(0.61)	ND(0.54)	ND(0.54)
Chromium	100	--	--	1,000	1,000		16	22	13	19	20	18	22	20
Lead	500	--	--	2,000	1,000		12	4	4.5	13	27	18	3.8	4.6
Mercury	20	--	--	10	10		ND(0.23)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.24)	ND(0.25)	ND(0.22)	ND(0.22)
Selenium	340	--	--	--	--		ND(1.1)	ND(1.1)	1.6	ND(1.1)	ND(1.2)	ND(1.2)	ND(1.1)	ND(1.1)
Silver	340	--	--	--	--		ND(2.3)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.4)	ND(2.5)	ND(2.2)	ND(2.2)
Extractable Petroleum Hydrocarbons (CTETPH) (mg/kg)	500	500	2500	5000	2500		ND(57)	ND(54)	ND(55)	**160**	ND(61)	ND(61)	ND(54)	ND(54)
Waste Characterization Parameters														
pH	-	-	-	2.5 to 12	2.5 to 12		8.5	7.44	6.27	6.81	5.97	6.9	8.21	8.03
Cyanide, Reactive (mg/L)	-	-	-	250	250		ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)
Sulfide, Reactive (mg/L)	-	-	-	500	500		ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)
Ignitability (degree F)	-	-	-	NI	NI		>200	>200	>200	>200	>200	>200	>200	>200

NOTES:
1. This table typically includes only those compounds detected on the dates indicated.
2. CTDEEP RSRs refers to the Connecticut Department of Energy & Environmental Protection (CTDEEP) Remediation Standard Regulations (RSR).
3. RSR criteria are listed in the same units as the analyte test result reported.
4. NI means not ignitable. NR means not reactive.
5. ND(0.01) means that the compound was not detected above laboratory detection limit. The number in parentheses is the detection limit.
6. - means not applicable or not analyzed.
7. ug/kg means micrograms per kilogram (ppb), mg/kg means milligrams per kilogram (ppm), mg/l means milligrams per liter.

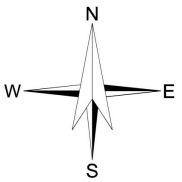
TABLE III
SUMMARY OF LABORATORY ANALYTICAL DATA FOR GROUNDWATER
PROPOSED SCIENCE & ENGINEERING BUILDING
UNIVERSITY OF CONNECTICUT
STORRS, CONNECTICUT

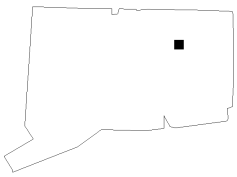
PARAMETER	CTDEEP RSRs		Groundwater Remediation Wastewater Directly to Surface Water (A area) [7,8]	Groundwater Remediation Wastewater to a Sanitary Sewer [9]	Sample ID: B9-OW Sample Date: 2/10/2014 Lab ID: 4020134-01
	GA/GAA Groundwater Protection	Surface Water Protection			
Volatile Organics (mg/L)					
SUM	-	-	0.01	5	ND
Total Chlorinated	-	-	-	1	ND
Semivolatile Organics (mg/L)					
SUM	-	-	0.005	500	ND
Polychlorinated Biphenyls (mg/L)					
SUM	0.0005	0.0005	0.0001	0.001	ND
Total Metals (mg/L)					
Arsenic	0.05	0.004	0.000021	0.1	ND(0.004)
Barium	1	-	-	5	**0.41**
Cadmium	0.005	0.006	0.01	0.1	ND(0.005)
Chromium	0.05	-	0.342	1	ND(0.05)
Lead	0.015	0.013	0.0098	0.1	ND(0.013)
Mercury	0.002	0.0004	0.001	0.005	ND(0.0004)
Selenium	0.05	0.05	0.04	1	ND(0.01)
Silver	0.036	0.012	0.005	0.1	ND(0.012)
Extractable Petroleum Hydrocarbons (CTETPH) (mg/L)	0.25	-	5	100	ND(0.1)
pH	-	-	-	-	6.41

NOTES:
1. This table typically includes only those compounds detected on the dates indicated.
2. RSR criteria are listed in the same units as the analyte test result reported.
4. ND(0.01) means that the compound was not detected above laboratory detection limit.
   The number in parentheses is the detection limit.
5. - means not applicable or not analyzed.
6. mg/L means milligrams per liter (ppm)
7. General Permit limit for VOCs is for a surface water classification as A. The criteria noted for metals corresponds to a dilution factor 10:1.
8. General Permit limit for total PAHs is 5 mg/L, for total BNAs is 10 mg/L, and for total Phenols is 5 mg/L.
9. General Permit limit for total BNAs is 2 mg/L, for total PAHs is 0.5 mg/L, and for total Phenols is 1 mg/L.



SITE COORDINATES: 41°48'37"N,72°15'12"W





U.S.G.S. QUADRANGLE: SOUTH COVENTRY, CT

HALEY & ALDRICH

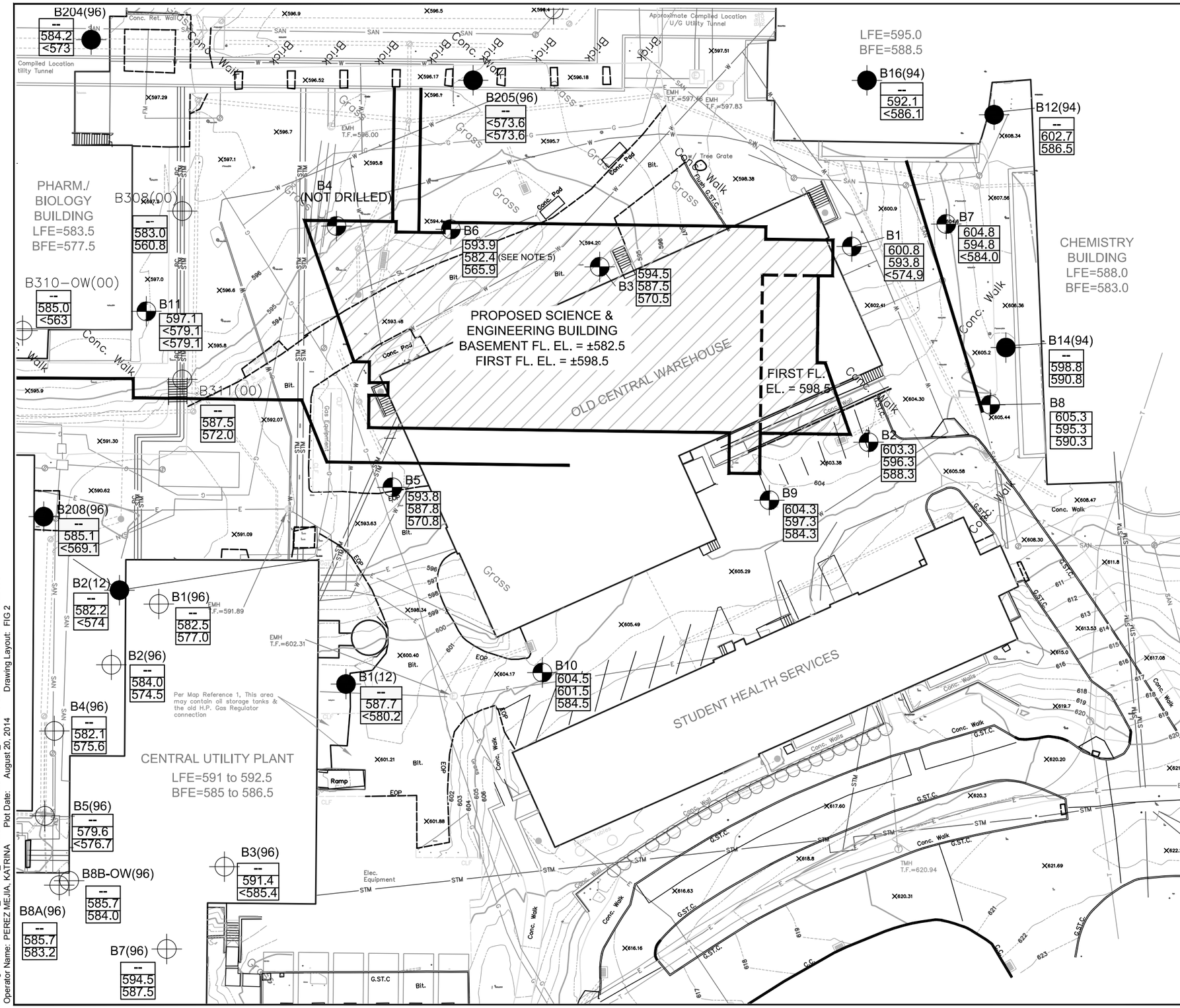
PROPOSED SCIENCE & ENGINEERING BUILDING
UNIVERSITY OF CONNECTICT
STORRS, CONNECTICUT

PROJECT LOCUS

SCALE: 1:24,000
FEBRUARY 2014

FIGURE 1

36190-000 1.PDF



LEGEND:

B308(00) / B12(94) — DESIGNATION, YEAR DRILLED, AND APPROXIMATE LOCATION (TYP.) OF PREVIOUS HALEY & ALDRICH TEST BORING

B1 — DESIGNATION AND APPROXIMATE LOCATION OF RECENT TEST BORING DRILLED FOR HALEY & ALDRICH BY GENERAL BORINGS, INC., BETWEEN 4 AND 10 FEBRUARY 2014.

605.8 — APPROX. GROUND SURFACE ELEV.
595.8 — APPROX. ELEV. SUITABLE BEARING MATERIAL
<587.2 — APPROX. TOP OF BEDROCK ELEV.

LFE=588.0
BFE=583.0 — APPROX. LOWEST FLOOR ELEV. (LFE) OF EXISTING BUILDING AND APPROX. BOTTOM OF FOOTING ELEV. (BFE) BASED ON AVAILABLE DESIGN DRAWINGS.

NOTES:

1. BASEPLAN IS DRAWING ENTITLED "NEW ENGINEERING AND SCIENCE BUILDING" DATED 27 FEBRUARY 2014, PREPARED BY ALFRED BENESCH AND COMPANY OF GLASTONBURY, CONNECTICUT.
2. PROPOSED BUILDING LAYOUT AND FLOOR ELEVATIONS TAKEN FROM FLOOR PLAN DRAWING PROVIDED BY MITCHELL | GIURGOLA ARCHITECTS, LLP ON 20 FEBRUARY 2014.
3. EXISTING BUILDING INFORMATION OBTAINED FROM AVAILABLE HISTORIC CONSTRUCTION DRAWINGS.
4. GROUND SURFACE ELEVATIONS AT PREVIOUS BORINGS HAVE CHANGED SUBSEQUENT TO DRILLING AND ARE NOT REPORTED. TOP OF SUITABLE BEARING MATERIAL ELEVATIONS MAY ALSO HAVE BEEN ALTERED BY CONSTRUCTION.
5. RELATIVELY LOOSE GLACIOFLUVIAL SOILS MAY BE PRESENT NEAR B6. IF SO, OVEREXCAVATION TO GLACIAL TILL AT EL. 578.9 MAY BE REQUIRED.
6. ELEVATIONS ARE IN FEET AND REFERENCE NAVD 88.

N W E S

0 20 40 60 80
SCALE IN FEET

HALEY & ALDRICH

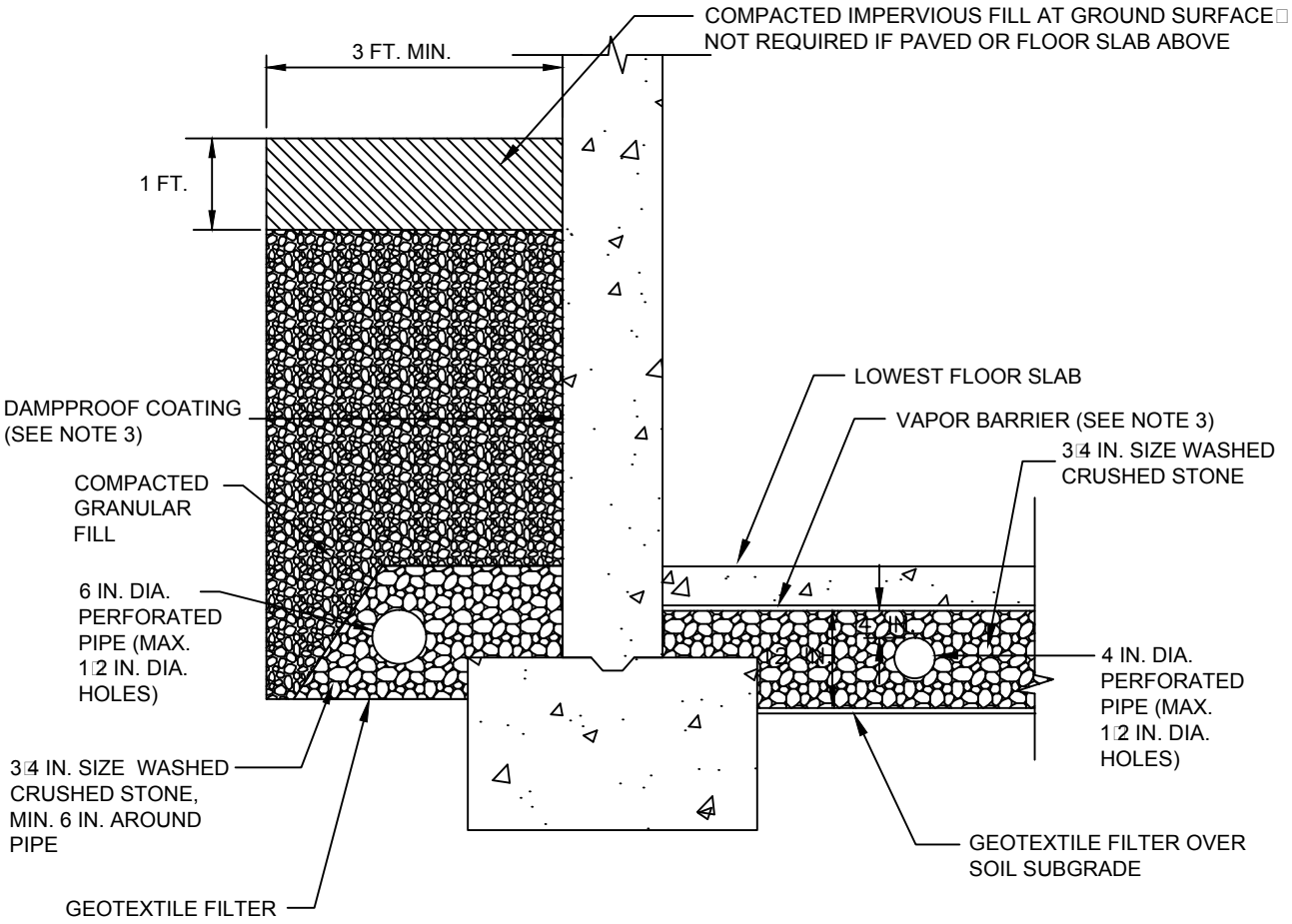
PROPOSED SCIENCE & ENGINEERING BUILDING
UNIVERSITY OF CONNECTICUT
STORRS, CONNECTICUT

SUBSURFACE EXPLORATION PLAN

SCALE: AS SHOWN
AUGUST 2014

FIGURE 2

Drawing Name: G:\36190_UCONN_ENG\GLOBAL\CAD\2014-0702_36190-000-0002 EXPLORATION PLAN.DWG
Operator Name: PEREZ MEJIA, KATRINA Plot Date: August 20, 2014 Drawing Layout: FIG 2



NOTES:

1. UNDERSLAB DRAINS SHOULD BE SPACED APPROXIMATELY 30 FT. ON CENTER. LOCATIONS AND INVERT ELEVATIONS TO BE DETERMINED AFTER FOUNDATION PLANS ARE COMPLETE.

2. IT MAY BE NECESSARY TO MODIFY THE UNDERSLAB DRAINAGE SYSTEM DETAILS TO ACCOMMODATE CONSTRUCTION OF A RADON MITIGATION SYSTEM IF INCLUDED IN THE DESIGN.

3. USE OF A DAMPPROOF COATING ON WALLS AND VAPOR BARRIER BENEATH FLOOR SLABS IS A MINIMUM REQUIREMENT. PROJECT DESIGNERS SHOULD DETERMINE THE NEED FOR WATERPROOFING BASED ON MOISTURE SENSITIVITY OF INTERIOR FINISHES AND PROPOSED USE OF BELOW-GRADE SPACE.

HALEY & ALDRICH

PROPOSED SCIENCE & ENGINEERING BUILDING
UNIVERSITY OF CONNECTICUT
STORRS, CONNECTICUT

UNDERSLAB AND FOUNDATION DRAIN DETAIL

SCALE: NOT TO SCALE
FEBRUARY 2014

FIGURE 3

G:\36190_UCONN_ENG\000\CAD\FIGURE 3_36190-000_DRAIN DTLS.DWG

APPENDIX A

Logs of Recent Test Borings

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B1

Project	New Science and Engineering Building, University of Connecticut, Storrs, CT
Client	Mitchell Guigola Architects, LLP
Contractor	General Borings, Inc

File No.	36190-000
Sheet No.	1 of 2
Start	February 5, 2014
Finish	February 5, 2014
Driller	J. Casson
H&A Rep.	B. Govoni
Elevation	600.8 (est.)
Datum	NGVD29
Location	See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	--	Rig Make & Model: Track Mounted Mobile Drill
Inside Diameter (in.)	3 1/4	1 3/8	--	Bit Type: Cutting Head
Hammer Weight (lb)	140	140	-	Drill Mud: None
Hammer Fall (in.)	30	30	-	Casing: Spun
				Hoist/Hammer: Winch Safety Hammer
				PID Make & Model: MiniRAE 2000 10.6 eV

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
0				600.2 / 0.6		-CONCRETE SIDEWALK-	
	22 17 20 16	S1 12	1.0 3.0			Dense light brown medium to fine SAND, some gravel, trace silt, no odor, moist	ND
	26 19 14 8	S2 8	3.0 5.0			Similar to S1	ND
5	14 15 10 9	S3 8	5.0 7.0			Medium dense dark gray-brown silty SAND, some gravel, some cobble fragments, no odor, moist	ND
				593.8 / 7.0		-FILL-	
	5 12 8 5	S4 14	7.0 9.0			Medium dense brown silty fine SAND, some cobble fragments, trace gravel, no odor, moist	ND
10	20 30 30 21	S5 14	10.0 12.0			Very dense light brown silty SAND, some cobble fragments, no odor, moist	ND
						Note: Drill action indicates probable cobbles from 13 to 14 ft	
15	16 18 18 17	S6 20	15.0 17.0			Dense light gray-brown to orange-brown silty SAND, gravelly sand layer at 16.6 ft, no odor, moist	ND
20						-GLACIAL TILL-	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
		Not Encountered			

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft)	25.9
Rock Cored (ft)	-
Samples	8S

Boring No. B1

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT G:\36190_UCONN_ENG\000\GINT\2014_0211_BORINGSD1.GPJ Jul 2, 14

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B1

File No. 36190-000

Sheet No. 2 of 2

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
20	52 59 100/5"	S7 16	20.0 21.8			Very dense light brown to orange-brown silty fine SAND, trace coarse gravel, no odor, moist	ND
25	100/5"	S8 96	25.0 25.9			Similar to S7, except with cobble fragments	ND
				574.9 25.9		-GLACIAL TILL- BOTTOM OF EXPLORATION 25.9 FT	

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. B1

TEST BORING REPORT

HALEY & ALDRICH

Boring No. B2

Project	New Science and Engineering Building, University of Connecticut, Storrs, CT
Client	Mitchell Guigola Architects, LLP
Contractor	General Borings, Inc

File No.	36190-000
Sheet No.	1 of 2
Start	February 4, 2014
Finish	February 4, 2014
Driller	J. Casson
H&A Rep.	B. Govoni
Elevation	603.3 (est.)
Datum	NGVD29
Location	See Plan

	Casing	Sampler	Barrel
Type	HSA	S	--
Inside Diameter (in.)	3 1/4	1 3/8	--
Hammer Weight (lb)	140	140	-
Hammer Fall (in.)	30	30	-

Drilling Equipment and Procedures

Rig Make & Model: Track Mounted Mobile Drill
Bit Type: Cutting Head
Drill Mud: None
Casing: Spun
Hoist/Hammer: Winch Safety Hammer
PID Make & Model: MiniRAE 2000 10.6 eV

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
0				603.0 / 0.3		-ASPHALT-	
	24 13 16 12	S1 16	1.0 3.0			Medium dense light brown gravelly coarse to fine SAND, trace silt, slight petroleum odor, moist	0.6
	10 5 5 8	S2 4	3.0 5.0			Medium dense light brown silty SAND, petroleum odor, moist	18.8
5	30 38 47 57	S3 12	5.0 7.0			Very dense light brown gravelly medium to fine SAND, trace silt, petroleum odor, moist	8.0
				596.3 / 7.0		-FILL-	
	100/5"	S4 2	7.0 7.8			Very dense light brown silty SAND, cobble fragment in spoon tip, slight petroleum odor, moist	10.6
						Note: Drill action indicates probable cobbles/boulders at 9 ft, spoils indicate higher silt content	
10						Note: Auger refusal at 10.5 ft.	
		C1 12	10.5 12.5			Cored through cobbles/boulder. Recovered one 12 in. boulder fragment.	
						-GLACIAL TILL-	
15	50 58 54 71	S5 18	15.0 17.0	588.3 / 15.0		Very dense light brown silty SAND, contains visible relic rock structure, high mica content, no odor, moist	ND
				584.3 / 19.0		Note: Auger Refusal at 19 ft. Began Coring.	
						-WEATHERED BEDROCK-	
20						SEE CORE BORING REPORT FOR ROCK DETAILS	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
		Not Encountered			

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft)	19.0
Rock Cored (ft)	5
Samples	5S, 2C

Boring No. B2

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT G:\36190_UCONN_ENG\000\GINT\2014_0211_BORINGSD1.GPJ Jul 2, 14

HALEY & ALDRICH

CORE BORING REPORT

Boring No. **B2**
File No. 36190-000
Sheet No. 2 of 2

Depth (ft)	Drilling Rate (min./ft)	Run No.	Run Depth (ft)	Recovery/RQD in.	Recovery/RQD %	Weath-ering	Elev./ Depth (ft)	Visual Description and Remarks
								SEE TEST BORING REPORT FOR OVERBURDEN DETAILS
20		C2	19.0 24.0	56 29	93 48		584.3 19.0	Hard, slightly weathered, white, black, and gray, coarsed grained garnet GNEISS. Primary joints low angle, tight to slightly open, moderately spaced.
							579.3 24.0	BOTTOM OF EXPLORATION 24.0 FT
25								
30								
35								
40								
45								

H+A_CORE+WELL07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT G:\36190_UCONN_ENG\000\GINT\2014_0211_BORINGSD1.GPJ Jul 2, 14

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B3

Project	New Science and Engineering Building, University of Connecticut, Storrs, CT
Client	Mitchell Guigola Architects, LLP
Contractor	General Borings, Inc

File No.	36190-000
Sheet No.	1 of 3
Start	February 7, 2014
Finish	February 4, 2014
Driller	J. Casson
H&A Rep.	B. Govoni
Elevation	594.5 (est.)
Datum	NGVD29
Location	See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	--	Rig Make & Model: Track Mounted Mobile Drill
Inside Diameter (in.)	3 1/4	1 3/8	--	Bit Type: Cutting Head
Hammer Weight (lb)	140	140	-	Drill Mud: None
Hammer Fall (in.)	30	30	-	Casing: Spun
				Hoist/Hammer: Winch Safety Hammer
				PID Make & Model: MiniRAE 2000 10.6 eV

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
0				594.3		-ASPHALT-	
				0.2			
				594.0		-CONCRETE-	
				0.5			
	41 22 28 24	S1 16	1.0 3.0			Dense gray,orange, and black-brown silty SAND, some cobble fragments, no odor, moist	ND
	20 19 10 12	S2 16	3.0 5.0			Medium dense dark brown-black silty SAND, some mica, no odor, moist	ND
5	43 8 9 18	S3 14	5.0 7.0			Medium dense orange-brown medium to fine SAND, some cobble fragments, some silt, trace gravel, no odor, moist	ND
				587.5		-FILL-	
	46 30 34 28	S4 16	7.0 9.0	7.0		Very dense light brown medium to fine SAND, some silt, some gravel, some cobble fragments, no odor, moist	ND
10	20 26 28 27	S5 16	10.0 12.0			Very dense orange-brown silty SAND, some cobble fragments, no odor, moist	ND
15	24 33 46 28	S6 16	15.0 17.0			Similar to S5	ND
20						-GLACIAL TILL-	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
		Not Encountered			

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft)	30.0
Rock Cored (ft)	5
Samples	8S, 1C

Boring No. B3

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT G:\36190_UCONN_ENG\000\GINT\2014_0211_BORINGSD1.GPJ Jul 2, 14

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B3

File No. 36190-000

Sheet No. 2 of 3

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
20	47 74 100/5"	S7 12	20.0 21.8			Very dense dark gray silty SAND, some cobble fragments, petroleum odor, moist to wet	16.4
				570.5 24.0		-GLACIAL TILL-	
25	19 20 23 23	S8 18	25.0 27.0			Dense light gray-brown silty SAND, trace gravel, no odor, moist	ND
						No Recovery	
30	50/0"	S9 0	30.0 30.0	564.5 30.0		-WEATHERED BEDROCK- SEE CORE BORING REPORT FOR ROCK DETAILS	
35							

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. B3

HALEY & ALDRICH

CORE BORING REPORT

Boring No. B3
File No. 36190-000
Sheet No. 3 of 3

Depth (ft)	Drilling Rate (min./ft)	Run No.	Run Depth (ft)	Recovery/RQD in.	Recovery/RQD %	Weath-ering	Elev./ Depth (ft)	Visual Description and Remarks
								SEE TEST BORING REPORT FOR OVERBURDEN DETAILS
		C1	30.1 35.1	49 26	82 43			Hard, moderately weathered, orange, black, white and gray medium grained GNEISS.
							563.2 31.3	Moderately hard, slightly weathered, dark gray, coarse grained SCHIST. Primary joints moderately dipping, moderately spaced, open.
35							559.4 35.1	BOTTOM OF EXPLORATION 35.1 FT
40								
45								
50								
55								
60								

H+A_CORE+WELL07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT G:\36190_UCONN_ENG\000\GINT\2014_0211_BORINGSD1.GPJ Jul 2, 14

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B5

Project	New Science and Engineering Building, University of Connecticut, Storrs, CT
Client	Mitchell Guigola Architects, LLP
Contractor	General Borings, Inc

File No.	36190-000
Sheet No.	1 of 3
Start	February 10, 2014
Finish	February 10, 2014
Driller	J. Casson
H&A Rep.	B. Govoni
Elevation	593.8 (est.)
Datum	NGVD29
Location	See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	--	Rig Make & Model: Track Mounted Mobile Drill
Inside Diameter (in.)	3 1/4	1 3/8	--	Bit Type: Cutting Head
Hammer Weight (lb)	140	140	-	Drill Mud: None
Hammer Fall (in.)	30	30	-	Casing: Spun
				Hoist/Hammer: Winch Safety Hammer
				PID Make & Model: MiniRAE 2000 10.6 eV

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
0				593.5 0.3		-ASPHALT-	
						Note: Cobble encountered at 0.4 ft, auger to 1 ft.	
	9 7 9 4	S1 18	1.0 3.0			Medium dense brown silty SAND, some gravel, no odor, moist	ND
	7 20 8 6	S2 8	3.0 5.0			Similar to S1, except dense, cobble fragments in bottom of sample, no odor, moist	ND
5	12 16 28 24	S3 18	5.0 7.0			Dense gray-brown silty SAND, no odor, moist	ND
				587.8 6.0		-FILL-	
						Dense orange-brown gravelly SAND, some silt, no odor, moist	
	32 28 32 19	S4 16	7.0 9.0			Very dense orange-brown stratified SAND, trace silt, some coarse sand in bottom of sample, no odor, moist	ND
				583.8 10.0		-GLACIOFLUVIAL DEPOSITS-	
10	19 26 28 22	S5 18	10.0 12.0			Very dense orange-brown silty SAND, some gravel, some cobble fragments, no odor, moist	ND
						Note: Drill action indicates cobbles from 13 to 14 ft	
15	20 29 30 43	S6 14	15.0 17.0			Very dense gray-brown silty medium to fine SAND, some gravel, no odor, moist	ND
20						-GLACIAL TILL-	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
		Not Encountered			

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft)	23
Rock Cored (ft)	5
Samples	7S, 1C

Boring No. B5

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT G:\36190_UCONN_ENG\000\GINT\2014_0211_BORINGSD1.GPJ Jul 2, 14

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B5

File No. 36190-000

Sheet No. 2 of 3

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
20	18 30 28 94	S7 22	20.0 22.0			Very dense gray-brown silty coarse to fine SAND, some gravel, no odor, moist	ND
				570.8 23.0		-GLACIAL TILL- Note: Auger refusal at 23 ft. Began Coring. SEE CORE BORING REPORT FOR ROCK DETAILS	
25							

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. B5

HALEY & ALDRICH

CORE BORING REPORT

Boring No. **B5**
File No. 36190-000
Sheet No. 3 of 3

Depth (ft)	Drilling Rate (min./ft)	Run No.	Run Depth (ft)	Recovery/RQD in.	Recovery/RQD %	Weath-ering	Elev./ Depth (ft)	Visual Description and Remarks
								SEE TEST BORING REPORT FOR OVERBURDEN DETAILS
		C1	23.0 28.0	65 39	108 65		570.8 23.0	Moderately hard, slightly to moderately weathered, black, orange, gray and white, coarse grained SCHIST. Primary joints horizontal to low angle, moderately spaced, slightly open.
							570.0 23.8	Hard, slightly weathered, gray-white, coarse grained GNEISS.
25								
							567.1 26.7	Moderately hard, slightly to moderately wethered, black, orange, and gray, medium to coarse grained SCHIST.
							565.8 28.0	BOTTOM OF EXPLORATION 28.0 FT
30								
35								
40								
45								
50								

H+A_CORE+WELL07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT G:\36190_UCONN_ENG\000\GINT\2014_0211_BORINGSD1.GPJ Jul 2, 14

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B6

Project	New Science and Engineering Building, University of Connecticut, Storrs, CT
Client	Mitchell Guigola Architects, LLP
Contractor	General Borings, Inc

File No.	36190-000
Sheet No.	1 of 2
Start	February 7, 2014
Finish	February 7, 2014
Driller	J. Casson
H&A Rep.	B. Govoni
Elevation	593.9 (est.)
Datum	NGVD29
Location	See Plan

	Casing	Sampler	Barrel
Type	HSA	S	--
Inside Diameter (in.)	3 1/4	1 3/8	--
Hammer Weight (lb)	140	140	-
Hammer Fall (in.)	30	30	-

Drilling Equipment and Procedures

Rig Make & Model: Track Mounted Mobile Drill
Bit Type: Cutting Head
Drill Mud: None
Casing: Spun
Hoist/Hammer: Winch Safety Hammer
PID Make & Model: MiniRAE 2000 10.6 eV

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
0	12 14 17 20	S1 18	0.0 2.0	593.6 0.3		-TOPSOIL-	
				592.9 1.0		Medium dense dark brown silty SAND, some gravel, no odor, moist	ND
						Medium dense light orange-brown silty SAND, some fine gravel, no odor, moist	ND
	19 19 20 18	S2 4	2.0 4.0			Dense light orange-brown silty SAND, some fine gravel, no odor, moist	ND
				588.9 5.0		-FILL-	
5	5 9 4 2	S3 10	5.0 7.0			Medium dense dark brown-black organic sandy SILT, trace roots, no odor, moist	ND
	3 12 14 17	S4 14	7.0 9.0			Medium dense coarse to fine SAND grading to orange-brown silty fine SAND, no odor, moist	ND
10	13 7 6 8	S5 10	10.0 12.0			Medium dense light orange-brown medium to fine SAND, trace fine gravel, no odor, moist	ND
				582.4 11.5		-ALLUVIAL DEPOSITS-	
						Medium dense light orange-brown sandy SILT, no odor, moist	ND
				578.9 15.0		-GLACIOFLUVIAL DEPOSITS-	
15	20 25 21 19	S6 16	15.0 17.0			Dense brown medium to fine SAND, some silt, some decomposed cobble/boulder fragments, some gravel, no odor, moist to wet	ND
						Note: Drill action indicates cobbles from 17 to 19 ft	
20						-GLACIAL TILL-	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
02/07/2014	-	0	15	17	17

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft)	30
Rock Cored (ft)	-
Samples	9S

Boring No. B6

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT G:\36190_UCONN_ENG\000\GINT\2014_0211_BORINGSD1.GPJ Jul 2, 14

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B6

File No. 36190-000

Sheet No. 2 of 2

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
20	6 6 9 10	S7 10	20.0 22.0			Medium dense brown silty SAND, some gravel, some fine sand layers, high mica content, no odor, wet	ND
25	42 33 38 32	S8 8	25.0 27.0			Very dense gray-brown silty SAND, high mica content, no odor, moist	ND
				565.9 28.0		-GLACIAL TILL-	
						Note: Auger grinding from 28 to 30 ft	
30	50/1"	S9 1	30.0 30.1	563.9 30.0		Decomposed SCHIST fragments - WEATHERED BEDROCK-	

BOTTOM OF EXPLORATION 30.0 FT

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. B6

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B7

Project	New Science and Engineering Building, University of Connecticut, Storrs, CT
Client	Mitchell Guigola Architects, LLP
Contractor	General Borings, Inc

File No.	36190-000
Sheet No.	1 of 1
Start	February 5, 2014
Finish	February 5, 2014
Driller	J. Casson
H&A Rep.	B. Govoni
Elevation	604.8 (est.)
Datum	NGVD29
Location	See Plan

	Casing	Sampler	Barrel
Type	HSA	S	--
Inside Diameter (in.)	3 1/4	1 3/8	--
Hammer Weight (lb)	140	140	-
Hammer Fall (in.)	30	30	-

Drilling Equipment and Procedures

Rig Make & Model: Track Mounted Mobile Drill
Bit Type: Cutting Head
Drill Mud: None
Casing: Spun
Hoist/Hammer: Winch Safety Hammer
PID Make & Model: MiniRAE 2000 10.6 eV

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
0				604.5		-TOPSOIL-	
	2 9 12 14	S1 16	0.0 2.0	0.3		Medium dense dark brown silty SAND, some gravel, trace roots, no odor, moist	ND
	19 17 12 15	S2 18	2.0 4.0			Medium dense light brown silty SAND, some fine gravel, trace cobble fragments, no odor, moist	ND
5				599.8			
	26 28 30 37	S3 18	5.0 7.0	5.0		Very dense light gray to orange-brown SAND, some cobble fragments, some silt, trace gravel, no odor, moist	ND
	75 60 34 40	S4 14	7.0 9.0			Very dense dark brown medium to fine SAND, some silt, some gravel, large cobble fragments in top of sample, no odor, moist	ND
				594.8		-FILL-	
10	16 20 25 30	S5 16	10.0 12.0	10.0		Very dense dark brown medium to fine SAND, some silt, some gravel, trace cobble fragments, no odor, moist	ND
15	20 22 25 35	S6 16	15.0 17.0			Dense light brown medium to fine SAND, some silt, some cobble fragments, no odor, moist	ND
						-GLACIAL TILL-	
20	80 100/3"	S7 8	20.0 20.8	584.0 20.8		Similar to S6, except very dense	ND
						BOTTOM OF EXPLORATION 20.8 FT	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
		Not Encountered			

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft)	20.75
Rock Cored (ft)	-
Samples	7S

Boring No. B7

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT G:\36190_UCONN_ENG\000\GINT\2014_0211_BORINGSD1.GPJ Jul 2, 14

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B8

Project	New Science and Engineering Building, University of Connecticut, Storrs, CT
Client	Mitchell Guigola Architects, LLP
Contractor	General Borings, Inc

File No.	36190-000
Sheet No.	1 of 1
Start	February 4, 2014
Finish	February 4, 2014
Driller	J. Casson
H&A Rep.	B. Govoni
Elevation	605.3 (est.)
Datum	NGVD29
Location	See Plan

	Casing	Sampler	Barrel
Type	HSA	S	--
Inside Diameter (in.)	3 1/4	1 3/8	--
Hammer Weight (lb)	140	140	-
Hammer Fall (in.)	30	30	-

Drilling Equipment and Procedures

Rig Make & Model: Track Mounted Mobile Drill
Bit Type: Cutting Head
Drill Mud: None
Casing: Spun
Hoist/Hammer: Winch Safety Hammer
PID Make & Model: MiniRAE 2000 10.6 eV

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
0	2 3 9 10	S1 10	0.0 2.0			Medium dense brown silty SAND, some gravel, no odor, moist	ND
	14 15 12 10	S2 18	2.0 4.0			Medium dense dark brown silty SAND, some gravel, some cobble fragments, trace brick fragments, no odor, moist	ND
5	13 15 10 9	S3 8	5.0 7.0			Similar to S2, except no brick, cobble fragment in tip of sampler	ND
	12 9 11 9	S4 2	7.0 9.0			Similar to S3	0.2
				595.3 10.0		-FILL-	
10	22 20 26 27	S5 14	10.0 12.0			Dense orange-brown to light brown silty fine SAND, some cobble fragments, no odor, moist	ND
						Note: Drill action indicates possible cobbles at 13 ft	
				590.3 15.0		-GLACIAL TILL-	
15	20 35 50 100/3"	S6 14	15.0 16.6			Very dense dark gray medium to fine SAND, some silt, some gravel, high mica content, relic rock structure, no odor, moist	ND
				587.8 17.5		Note: Auger refusal at 17.5 ft on probable bedrock -WEATHERED BEDROCK-	

BOTTOM OF EXPLORATION 17.5 FT

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
		Not Encountered			

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft)	17.5
Rock Cored (ft)	-
Samples	6S

Boring No. B8

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT G:\36190_UCONN_ENG\000\GINT\2014_0211_BORINGSD1.GPJ Jul 2, 14

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B9 (OW)

Project	New Science and Engineering Building, University of Connecticut, Storrs, CT
Client	Mitchell Guigola Architects, LLP
Contractor	General Borings, Inc

File No.	36190-000
Sheet No.	1 of 1
Start	February 4, 2014
Finish	February 4, 2014
Driller	J. Casson
H&A Rep.	B. Govoni
Elevation	604.3 (est.)
Datum	NGVD29
Location	See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	--	Rig Make & Model: Track Mounted Mobile Drill
Inside Diameter (in.)	3 1/4	1 3/8	--	Bit Type: Cutting Head
Hammer Weight (lb)	140	140	-	Drill Mud: None
Hammer Fall (in.)	30	30	-	Casing: Spun
				Hoist/Hammer: Winch Safety Hammer
				PID Make & Model: MiniRAE 2000 10.6 eV

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
0				604.1 / 0.3		-ASPHALT-	
	12 11 12 16	S1 12	1.0 3.0	602.7 / 1.6		Medium dense orange-brown coarse SAND with gravel, no odor, moist	ND
						Medium dense brown silty SAND, some fine gravel, no odor, moist	ND
	20 9 6 7	S2 10	3.0 5.0			Medium dense brown sandy SILT, trace fine gravel, no odor, moist	ND
5	6 11 11 10	S3 10	5.0 7.0			Medium dense dark brown silty SAND, no odor, moist	ND
				597.3 / 7.0		-FILL-	
	14 19 19 20	S4 14	7.0 9.0			Dense orange-brown to olive-brown silty SAND to fine sandy SILT, some cobble fragments, no odor, moist, mottling throughout	ND
10	9 19 27 20	S5 16	10.0 12.0			Dense brown silty fine SAND, increased coarse sand with depth, some gravel, no odor, moist to wet	ND
15	15 21 44 93	S6 18	15.0 17.0			Very dense light and dark gray-brown fine sandy SILT and silty SAND, stratified, no odor, wet	ND
				584.3		-GLACIOFLUVIAL DEPOSITS-	
20	50/1"	S7 1	20.0 20.1	20.0 / 584.2 / 20.1		Decomposed SCHIST fragments	
						-WEATHERED BEDROCK-	
						BOTTOM OF EXPLORATION 20.1 FT	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
See Groundwater Monitoring Report					

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft)	20.1
Rock Cored (ft)	-
Samples	6S

Boring No. B9 (OW)

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT G:\36190_UCONN_ENG\000\GINT\2014_0211_BORINGSD1.GPJ Jul 2, 14

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B10

Project	New Science and Engineering Building, University of Connecticut, Storrs, CT
Client	Mitchell Guigola Architects, LLP
Contractor	General Borings, Inc

File No.	36190-000
Sheet No.	1 of 2
Start	February 5, 2014
Finish	February 5, 2014
Driller	J. Casson
H&A Rep.	B. Govoni
Elevation	604.5 (est.)
Datum	NGVD29
Location	See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	--	Rig Make & Model: Track Mounted Mobile Drill
Inside Diameter (in.)	3 1/4	1 3/8	--	Bit Type: Cutting Head
Hammer Weight (lb)	140	140	-	Drill Mud: None
Hammer Fall (in.)	30	30	-	Casing: Spun
				Hoist/Hammer: Winch Safety Hammer
				PID Make & Model: MiniRAE 2000 10.6 eV

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
0				604.3 0.2		-ASPHALT-	
	5 2 3 4	S1 12	1.0 3.0			Loose mottled light to dark brown silty fine SAND, trace gravel, no odor, moist	ND
				601.5 3.0		-FILL-	
	16 7 10 15	S2 12	3.0 5.0			Medium dense light brown medium to fine SAND, some silt, trace gravel, no odor, moist	ND
5	28 28 32 33	S3 14	5.0 7.0			Similar to S2, except very dense and some gravel	ND
	46 34 42 49	S4 18	7.0 9.0			Very dense light orange-brown medium to fine SAND, some silt, trace gravel, trace cobble fragments, no odor, moist	ND
10	20 26 49 31	S5 16	10.0 12.0			Very dense orange-brown silty SAND, some gravel, some cobble fragments, no odor, moist	ND
				591.5 13.0		-GLACIOFLUVIAL DEPOSITS-	
						Note: Drill action indicates probable cobbles from 13 to 14 ft	
15	20 17 26 36	S6 14	15.0 17.0			Dense light brown to orange-brown coarse to fine SAND, some silt, some gravel, some cobble fragments, bottom 2 in. silty fine SAND, no odor, moist	ND
20				580.5		-GLACIAL TILL-	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
02/05/2014	1100	0	25	25.3	24

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft)	25.3
Rock Cored (ft)	-
Samples	8S

Boring No. B10

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT G:\36190_UCONN_ENG\000\GINT\2014_0211_BORINGSD1.GPJ Jul 2, 14

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B10

File No. 36190-000

Sheet No. 2 of 2

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
20	33 50 62 67	S7 20	20.0 22.0			Very dense light brown silty fine SAND, high mica content, relic rock structure, no odor, moist	ND
25	100/5"	S8 4	25.0 25.8	579.2 25.3		Decomposed SCHIST, no odor, wet -WEATHERED BEDROCK- BOTTOM OF EXPLORATION 25.3 FT	ND

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. B10

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B11

Project	New Science and Engineering Building, University of Connecticut, Storrs, CT
Client	Mitchell Guigola Architects, LLP
Contractor	General Borings, Inc

File No.	36190-000
Sheet No.	1 of 1
Start	February 10, 2014
Finish	February 10, 2014
Driller	J. Casson
H&A Rep.	B. Govoni
Elevation	597.1 (est.)
Datum	NGVD29
Location	See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	--	Rig Make & Model: Track Mounted Mobile Drill
Inside Diameter (in.)	3 1/4	1 3/8	--	Bit Type: Cutting Head
Hammer Weight (lb)	140	140	-	Drill Mud: None
Hammer Fall (in.)	30	30	-	Casing: Spun
				Hoist/Hammer: Winch Safety Hammer
				PID Make & Model: MiniRAE 2000 10.6 eV

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm) (sample/bkgd)
0				596.8		-TOPSOIL-	
	2 8 9 12	S1 14	0.0 2.0	0.3		Medium dense brown silty fine SAND, some gravel, trace cobble fragments, no odor, moist	ND
	11 7 12 12	S2 12	2.0 4.0			Similar to S1	ND
5	14 25 24 24	S3 20	5.0 7.0			Dense brown, orange-brown, and black medium to fine SAND, some silt, some gravel, some cobble fragments, very faint petroleum odor, moist	6.0
	25 18 18 20	S4 18	7.0 9.0			Similar to S3, except brown	ND
10	12 19 20 19	S5 8	10.0 12.0			Note: Drill action indicates probable cobbles at 9.5 ft Similar to S4	0.3
						Note: Drill action indicates probable cobbles from 14 to 15 ft	
15	8 5 5 5	S6 8	15.0 17.0			Similar to S5, except medium dense	ND
				579.1		No recovery.	
		S7 50/0"	18.0 18.0	18.0		-FILL-	

BOTTOM OF EXPLORATION 18.0 FT

Note: Auger refusal at 18 ft on probable boulder. Boring could not be offset and redrilled due to multiple utility conflicts in area.

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
		Not Encountered			

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft)	18.0
Rock Cored (ft)	-
Samples	7S

Boring No. B11

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT G:\36190_UCONN_ENG\000\GINT\2014_0211_BORINGSD1.GPJ Jul 2, 14

APPENDIX B

Observation Well Installation and Monitoring Reports

HALEY & ALDRICH

OBSERVATION WELL INSTALLATION REPORT

Well No. B9(OW)

Boring No. B9

PROJECT	Proposed Science & Engineering Building	**H&A FILE NO.**	36190-000
LOCATION	University of Connecticut, Storrs, Connecticut	**PROJECT MGR.**	T. Crowl
CLIENT	Mitchell | Giurgola Architects, LLP	**FIELD REP.**	B. Govoni
CONTRACTOR	General Borings, Inc.	**DATE INSTALLED**	2/4/2014
DRILLER	J. Casson	**WATER LEVEL (FT)**	11.6

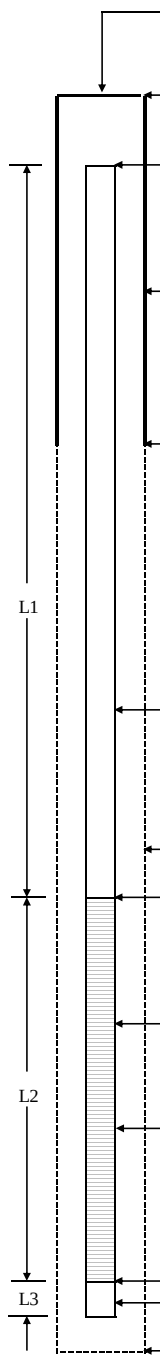
Ground El. 604.3 ft
El. Datum NGVD29

Location See Plan

☐ **Guard Pipe**
☑ **Roadway Box**

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL
-FILL-	-CONCRETE-
-GLACIOFLUVIAL DEPOSITS-	-AUGER CUTTINGS-
	-BENTONITE SEAL-
	-FILTER SAND-
-WEATHERED BEDROCK-	
20.1	**20.1**

(Bottom of Exploration)
(Numbers refer to depth from ground surface in feet)



(Not to Scale)

Type of protective cover/lock expansion cap

Height/Depth of top of guard pipe/roadway box above/below ground surface 0.0 **ft**

Height/Depth of top of riser pipe above/below ground surface 0.20 **ft**

Type of protective casing: Roadway Box
Length ___ **ft**
Inside Diameter 6.0 **in**

Depth of bottom of guard pipe/roadway box ___ **ft**

Type of Seals	Top of Seal (ft)	Thickness (ft)
Concrete	0.0	0.5
Bentonite Seal	8.0	2.0

Type of riser pipe: solid PVC
Inside diameter of riser pipe 2.0 **in**
Type of backfill around riser Auger Cuttings

Diameter of borehole 4.8 **in**

Depth to top of well screen 10.0 **ft**

Type of screen slotted PVC
Screen gauge or size of openings 0.01 mm **in**
Diameter of screen 2.00 **in**
Type of backfill around screen FilPro Superior Quartz

Depth of bottom of well screen 20.1 **ft**

Bottom of Silt trap -- **ft**

Depth of bottom of borehole 20.1 **ft**

COMMENTS:

Form 2007

HALEY & ALDRICH

GROUNDWATER MONITORING REPORT

OW/PZ NUMBER
B9(OW)

PROJECT	Proposed Science & Engineering Building	**H&A FILE NO.**	36190-000
LOCATION	University of Connecticut, Storrs, Connecticut	**PROJECT MGR.**	T. Crowl
CLIENT	Mitchell | Giurgola Architects, LLP	**FIELD REP.**	B. Govoni
CONTRACTOR	General Borings, Inc.	**DATE**	2/4/2014

ELEVATION OF REFERENCE POINT 604.3

DESCRIPTION OF REFERENCE POINT ☐ **PVC** ☑ **Roadway / Casing** ☐ **Ground Surface** ☐ **Other:**

Date	Time	Elapsed Time (days)	Depth to Water from Reference Point	Elevation of Water	Remarks	Read By
4-Feb-14	--	0	13.0	591.3	Initial Reading - Well Installed 2/4/2014	BG
10-Feb-14	--	6	11.6	592.7		BG

Form #3170

APPENDIX C

Logs of Previous Test Borings

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B-1

Project University of Connecticut Central Utility Plant Upgrades Storrs, Connecticut
Client University of Connecticut
Contractor New Hampshire Boring, Inc.

File No. 38532-000
Sheet No. 1 of 2
Start January 19, 2012
Finish January 19, 2012
Driller S. Cooley
H&A Rep. S. Brousseau
Elevation 602.2 (est.)
Datum
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted Mobile Drill B-53
Inside Diameter (in.)	2 1/4	1 3/8	-	Bit Type: Cutting Head Drill Mud: None
Hammer Weight (lb)	-	140	-	Casing: Spun
Hammer Fall (in.)	-	30	-	Hoist/Hammer: Winch Safety Hammer PID Make & Model: None

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0						1 ft frost layer (spoon bouncing)
				601.2 1.0		
	10 3 3 7	S1 6	1.0 3.0		SM	Loose gray-brown silty medium to fine SAND, trace gravel, with few glass fragments, no odor, dry
	5 7 8 11	S2 4	3.0 5.0		SM	Medium dense brown silty medium to fine SAND, trace gravel, no odor, dry
5	18 11 9 8	S3 6	5.0 7.0		SM	Medium dense brown silty medium to fine SAND, trace gravel, no odor, dry
	10 22 14 15	S4 10	7.0 9.0		SM	Similar to S3, except dense
10	6 6 8 13	S5 12	9.0 11.0		SM	Similar to S3
	10 10 12 14	S6 14	11.0 13.0		SM	Similar to S3, except gray-brown, with few fragments of brick and asphalt
	9 11 10 25	S7 14	13.0 15.0		SM	Medium dense gray-brown silty medium to fine SAND, trace gravel, with very few fragments of glass, no odor, dry -FILL-
				587.7 14.5		
15	34 64 100/5"	S8 12	15.0 16.5		SP-SM	Very dense yellow-brown medium to fine SAND, little silt, trace gravel, no odor, dry
20						-GLACIAL TILL-

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
1/19/12	1100	0.0	20.0	22.0	18.0 ±

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft) 22.0
Rock Cored (ft) -
Samples 9S

Boring No. B-1

Field Tests: Dilatancy: R - Rapid S - Slow N - None
Toughness: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High
Dry Strength: N - None L - Low M - Medium H - High V - Very High

*Note: Maximum particle size is determined by direct observation within the limitations of sampler size.
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT G:\38532 UCONN CUP UPGRADES\000\DATABASE (GINT)\2012-0124 38532-000TB.GPJ Feb 29, 12

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B-1
File No. 38532-000
Sheet No. 2 of 2

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	21 37 45 53	S9 14	20.0 22.0		SM	Very dense brown silty medium to fine SAND, trace gravel, no odor, dry
				580.2 22.0		-GLACIAL TILL-
						Bottom of exploration at 22.0 ft

Note: Borehole backfilled with drill cuttings upon completion

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. B-1

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT G:\38532 UCONN CUP UPGRADES\000\DATABASE (GINT)\2012-0124 38532-000TB.GPJ Feb 29, 12

HALEY & ALDRICH

TEST BORING REPORT

Boring No. B-2

Project University of Connecticut Central Utility Plant Upgrades Storrs, Connecticut
Client University of Connecticut
Contractor New Hampshire Boring, Inc.

File No. 38532-000
Sheet No. 1 of 1
Start January 19, 2012
Finish January 19, 2012
Driller S. Cooley
H&A Rep. S. Brousseau
Elevation Datum 591.0 (est.)
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted Mobile Drill B-53
Inside Diameter (in.)	2 1/4	1 3/8	-	Bit Type: Cutting Head Drill Mud: None
Hammer Weight (lb)	-	140	-	Casing: Spun
Hammer Fall (in.)	-	30	-	Hoist/Hammer: Winch Safety Hammer PID Make & Model: None

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				590.6 / 0.4		5 in. concrete slab
	13 15 35 53	S1 10	0.5 2.5			Dense brow medium to fine SAND, trace silt and gravel, no odor, dry Note: 2.5 in. metal conduit with 3 1/2 in. dead wires Note: Augered through cobble from 2.5 to 3.0 ft
	95 10 20 25	S2 12	3.0 5.0	587.5 / 3.5	SP-SM	Similar to S3 Dense dark brown medium to fine SAND, little silt, trace gravel, with few organics, no odor, dry
5	15 22 25 23	S3 15	5.0 7.0	584.5 / 6.5	SP-SM	Similar to S2 (below 3.5 ft)
	25 15 10	S4 10	7.0 8.5		SP SP-SM	Dense light brown medium to fine SAND, trace silt, no odor, dry Medium dense brown SAND, little silt, trace coarse sand, with few organics, no odor, dry -FILL-
10	9 11 12 13	S5 12	9.0 11.0	582.2 / 8.8	SM	Medium dense brown silty fine SAND, no odor, wet
15	48 78 56 51	S6 14	15.0 17.0	577.0 / 14.0	SM / GP	Very dense gray-brown silty SAND and GRAVEL, no odor, wet -GLACIAL TILL-
				574.0 / 17.0		Bottom of exploration at 17.0 Note: Borehole backfilled with drill cuttings upon completion

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
1/19/12	1330	0.0	9.0	11.0	9.0 ±

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft) 17.0
Rock Cored (ft) -
Samples 6S
Boring No. B-2

Field Tests: Dilatancy: R - Rapid S - Slow N - None Toughness: L - Low M - Medium H - High Plasticity: N - Nonplastic L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

*Note: Maximum particle size is determined by direct observation within the limitations of sampler size.

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT G:\38532 UCONN CUP UPGRADES\000\DATABASE (GINT)\2012-0124 38532-000TB.GPJ Feb 29, 12

HALEY & ALDRICH — Glastonbury, Connecticut

TEST BORING REPORT

BORING NO. B308

PROJECT University of Connecticut Pharmacy/Biology Building
CLIENT
CONTRACTOR Seaboard Environmental Drilling Services, Inc.

FILE NO. 91385-000
SHEET NO. 1 OF 2
LOCATION See Plan

ITEM	CASING	DRIVE SAMPLER	CORE BARREL
TYPE	HSA	SS	NQ
INSIDE DIAMETER (IN)	2 1/4	1 3/8	2
HAMMER WEIGHT (LB)	--	140	-
HAMMER FALL (IN)	--	30	-

DRILLING EQUIPMENT & PROCEDURES
RIG TYPE Mobile B-53
BIT TYPE Roller Bit
DRILL MUD None
OTHER - Wire winch to drive safety hammer

ELEVATION 592.0
DATUM NGVD 1929
START October 10, 2000
FINISH October 10, 2000
DRILLER R. Ingram
H&A REP M. Sheperd

DEPTH (FT)	CASING BLOWS PER FT.	SAMPLER BLOWS PER 6 IN	SAMPLE NUMBER & REC. (IN.)	SAMPLE DEPTH (FT)	ELEV./ DEPTH (FT)	VISUAL DESCRIPTION AND REMARKS
0		12, 15, 15, 16	S1 10	0.0, 2.0		Dense gray brown sandy SILT, trace gravel
		5, 4, 5, 6	S2 10	2.0, 4.0		Loose brown medium to fine SAND, trace silt
					587.5 / 4.5	-FILL-
5		7, 5, 9, 9	S3 9	5.0, 7.0		Medium dense light to dark brown coarse to fine sandy, organic SILT, common root fragments
						Note: HSA switched to 4 inch casing, casing driven to 10.0 ft. roller bit to 10.0 ft.
					583.0 / 9.0	-ALLUVIAL DEPOSITS-
10		19, 28, 36, 32	S4 12	10.0, 12.0		Very dense brown gravelly coarse to fine SAND, little silt, gravel piece in spoon tip (moist)
15		6, 8, 9, 15	S5 5	15.0, 17.0		Medium dense brown gravelly coarse to fine SAND, some silt, gravel piece in spoon tip
20		6, 10, 16, 18	S6 5	20.0, 22.0		Medium dense gray brown silty medium to fine SAND, orange mottling, trace gravel
25						-GLACIAL TILL-

WATER LEVEL DATA

DATE	TIME	ELAPSED TIME (HR)	DEPTH (FT.) TO: BOTTOM OF CASING	BOTTOM OF HOLE	WATER
10-6-00	1130	0	15.0	17.0	14.0

SAMPLE IDENTIFICATION
O OPEN END ROD
T THIN WALL TUBE
U UNDISTURBED SAMPLE
S SPLIT SPOON
C ROCK CORE

SUMMARY

OVERBURDEN (LIN FT)	31.2
ROCK CORED (LIN FT)	5.0
SAMPLES	8S, 1C

BORING NO. B308

HALEY & ALDRICH

Glastonbury, Connecticut

TEST BORING REPORT

BORING NO. B308
FILE NO. 91385-000
SHEET NO. 2 OF 2

DEPTH (FT)	CASING BLOWS PER FT.	SAMPLER BLOWS PER 6 IN	SAMPLE NUMBER & REC. (IN.)	SAMPLE DEPTH (FT)	ELEV./ DEPTH (FT)	VISUAL DESCRIPTION AND REMARKS
25		45	S7	25.0		Very dense gray silty medium to fine SAND, trace fine gravel
		100/6	6	25.5		SSR at 25.5 ft.
30		20	S8	30.0		Very dense gray silty medium to fine SAND, trace gravel
		50	8	31.4		
		100/5			560.8 / 31.2	-GLACIAL TILL-
						Very dense tan brown sandy coarse to fine GRAVEL (weathered rock) large gravel fragment in spoon tip
						SSR at 31.4
35						Note: Advanced casing into weathered bedrock to 36.0 ft. coring at 36.0 ft.
			C1	36.0	556.0 / 36.0	-WEATHERED BEDROCK-
			39	41.0		Very hard to hard mica SCHIST
						See "Core Boring Report B308" for detailed rock descriptions
40					551.0 / 41.0	-BEDROCK-
						Bottom of Exploration at 41.0 ft.
						Note: Hole backfilled to grade with drill cuttings.

HALEY & ALDRICH

Glastonbury, Connecticut

CORE BORING REPORT

BORING NO. B308
FILE NO. 91385-000
SHEET NO. 1 OF 1

DEPTH (FT)	DRILLING RATE MIN./FT.	RUN NO.	DEPTH (FT)	RECOVERY/RQD IN	RECOVERY/RQD %	WEATH-ERING	ELEV./DEPTH (FT)	VISUAL DESCRIPTION AND REMARKS
30								
							31.0	Top of Bedrock at 31.0 ft.
35								
		C1	36.0	38	63			Very hard to soft, slightly to highly weathered, gray brown to white, coarse to fine grained garnet mica SCHIST. Foliation is horizontal to low angle, extremely close to close spaced. Joints are parallel to foliation, very close to close spaced, rough, undulating, discolored open.
	5.0		41.0	6	10			
	2.0							
	3.0							
	3.0							
40								
	3.0							
							41.0	Bottom of Exploration at 41.0 ft.

HAR_ROCK 91385-000

HALEY & ALDRICH

Glastonbury, Connecticut

TEST BORING REPORT

BORING NO. B310-OW

PROJECT University of Connecticut Pharmacy/Biology Building
CLIENT
CONTRACTOR Seaboard Environmental Drilling Services, Inc.

FILE NO. 91385-000
SHEET NO. 1 OF 2
LOCATION See Plan

ITEM	CASING	DRIVE SAMPLER	CORE BARREL	DRILLING EQUIPMENT & PROCEDURES
TYPE	HSA	SS	--	RIG TYPE Mobile B-53
INSIDE DIAMETER (IN)	4 1/4	1 3/8	--	BIT TYPE Cutting Head
HAMMER WEIGHT (LB)	--	140	-	DRILL MUD None
HAMMER FALL (IN)	--	30	-	OTHER - Wire winch to drive safety hammer

ELEVATION 590.0
DATUM NGVD 1929
START October 5, 2000
FINISH October 5, 2000
DRILLER J. Toan
H&A REP C. White

DEPTH (FT)	CASING BLOWS PER FT.	SAMPLER BLOWS PER 6 IN	SAMPLE NUMBER & REC. (IN.)	SAMPLE DEPTH (FT)	ELEV./ DEPTH (FT)	VISUAL DESCRIPTION AND REMARKS
0		16	S1	0.0	589.7	Bituminous Concrete
		19	14	2.0	0.3	Medium dense brown medium to coarse SAND, trace fine sand
		11				
		10				
		5	S2	2.0		Loose red brown medium to fine SAND, common root fragments (wet)
		6	14	4.0	587.0	
		4			3.0	-FILL-
		4				Black organic SILT, numerous roots
					585.0	-ALLUVIAL DEPOSITS-
5		9	S3	5.0	5.0	Dense orange gravelly coarse to fine SAND, trace silt
		16	16	7.0		
		33				
		30				
10		12	S4	10.0		Dense brown coarse to fine SAND, little gravel, (wet)
		16	16	12.0		
		21				
		15				
15		41	S5	15.0		Very dense brown medium to fine SAND, trace coarse sand and silt (wet)
		44	18	16.8		
		86				
		100/4			573.2	
					16.8	Orange brown coarse to fine SAND, common rock fragments, gravel (wet)
						SSR at 16.8 ft.
20		51	S6	20.0	569.5	Same as S5
		150	12	21.0	20.5	Very dense gray medium to fine SAND, trace silt, trace coarse sand
						Note: Split Spoon refusal at 21.0 ft.
25						

WATER LEVEL DATA

DATE	TIME	ELAPSED TIME (HR)	DEPTH (FT.) TO: BOTTOM OF CASING	BOTTOM OF HOLE	WATER
10-5-00	0107	0	10.0	12.0	11.0
10-18-00	1010				8.88

SAMPLE IDENTIFICATION

O	OPEN END ROD
T	THIN WALL TUBE
U	UNDISTURBED SAMPLE
S	SPLIT SPOON
C	ROCK CORE

SUMMARY

OVERBURDEN (LIN FT)	27.0
ROCK CORED (LIN FT)	None
SAMPLES	7S

BORING NO. B310-OW

HALEY & ALDRICH

Glastonbury, Connecticut

TEST BORING REPORT

BORING NO. B310-OW
FILE NO. 91385-000
SHEET NO. 2 OF 2

DEPTH (FT)	CASING BLOWS PER FT.	SAMPLER BLOWS PER 6 IN	SAMPLE NUMBER & REC. (IN.)	SAMPLE DEPTH (FT)	ELEV./ DEPTH (FT)	VISUAL DESCRIPTION AND REMARKS
25		112	S7	25.0		Very dense gray brown medium to fine SAND,
		89	17	27.0		trace silt, trace coarse sand (wet)
		81				
		95			563.0	-GLACIAL TILL-
					27.0	Bottom of Exploration at 27.0 ft.
						Note: Observation well installed upon completion See "Observation Well Installation Report B310-OW" for details

HALEY & ALDRICH — Glastonbury, Connecticut

TEST BORING REPORT

BORING NO. B311

PROJECT University of Connecticut Pharmacy/Biology Building
CLIENT
CONTRACTOR Seaboard Environmental Drilling Services, Inc.

FILE NO. 91385-000
SHEET NO. 1 OF 2
LOCATION See Plan

ITEM	CASING	DRIVE SAMPLER	CORE BARREL
TYPE	HSA	SS	--
INSIDE DIAMETER (IN)	2 1/4	1 3/8	--
HAMMER WEIGHT (LB)	--	140	-
HAMMER FALL (IN)	--	30	-

DRILLING EQUIPMENT & PROCEDURES
RIG TYPE Mobile B-53
BIT TYPE Cutting Head
DRILL MUD None
OTHER - Wire winch to drive safety hammer

ELEVATION 592.0
DATUM NGVD 1929
START October 10, 2000
FINISH October 10, 2000
DRILLER J. Toan
H&A REP M. Sheperd

DEPTH (FT)	CASING BLOWS PER FT.	SAMPLER BLOWS PER 6 IN	SAMPLE NUMBER & REC. (IN.)	SAMPLE DEPTH (FT)	ELEV./ DEPTH (FT)	VISUAL DESCRIPTION AND REMARKS
0		13	S1	0.0	591.5	Bituminous Concrete
		21	16	2.0	0.5	Very dense brown gravelly coarse to fine SAND, trace silt, gravel in spoon tip
		33				
		28			590.0	
		18	S2	2.0	2.0	Medium dense gray SILT, trace coarse to fine sand, fine gravel
		18	11	4.0		
		10				
		5				
					587.5	-FILL-
					4.5	
5		13	S3	5.0		Dense brown gray silty medium to fine SAND, little gravel
		17	12	7.0		
		16				
		15				
10		7	S4	10.0		Medium dense brown medium to fine SAND, little silt and gravel (wet)
		10	14	12.0		
		17				
		27				
15		15	S5	15.0		Very dense orange brown gravelly, coarse to fine SAND, little silt (wet)
		18	12	17.0		
		32				
		55				
					572.0	-GLACIAL TILL-
20		68	S6	20.0	20.0	Very dense orange brown gravelly coarse to fine SAND, trace silt, wet (weathered bedrock)
		100/5	8	20.9		SSR at 20.9 ft.
						-WEATHERED BEDROCK-
25						

WATER LEVEL DATA

DATE	TIME	ELAPSED TIME (HR)	DEPTH (FT.) TO: BOTTOM OF CASING	BOTTOM OF HOLE	WATER
10-10-00	1200	0	10.0	12.0	10.0

SAMPLE IDENTIFICATION
O OPEN END ROD
T THIN WALL TUBE
U UNDISTURBED SAMPLE
S SPLIT SPOON
C ROCK CORE

SUMMARY

OVERBURDEN (LIN FT)	27.0
ROCK CORED (LIN FT)	None
SAMPLES	7S

BORING NO. B311

HALEY & ALDRICH

Glastonbury, Connecticut

TEST BORING REPORT

BORING NO. B311
FILE NO. 91385-000
SHEET NO. 2 OF 2

DEPTH (FT)	CASING BLOWS PER FT.	SAMPLER BLOWS PER 6 IN	SAMPLE NUMBER & REC. (IN.)	SAMPLE DEPTH (FT)	ELEV./ DEPTH (FT)	VISUAL DESCRIPTION AND REMARKS
25		21	S7	25.0		Very dense gray brown sandy fine GRAVEL, wet
		44	18	27.0		(weathered bedrock)
		48				
		55			565.0	-WEATHERED BEDROCK-
					27.0	Bottom of Exploration at 27 ft.
						Note: Borehole backfilled with drill cuttings and asphalt patched upon completion

HALEY & ALDRICH, INC.
GLASTONBURY
CONNECTICUT

TEST BORING REPORT

BORING NO. **B1**

PROJECT UNIVERSITY OF CONNECTICUT, CENTRAL HEATING PLANT UPGRADE, STORRS, CT
CLIENT STONE & WEBSTER ENGINEERING CORP.
CONTRACTOR GENERAL BORINGS, INC.

FILE NO. 91021-000
SHEET NO. 1 of 1
LOCATION N 355,978
E 735,043

ITEM	CASING	DRIVE SAMPLER	CORE BARREL
TYPE	HSA	SS	--
INSIDE DIAMETER (IN)	3 1/4	1 3/8	--
HAMMER WEIGHT (LB)	--	140	-
HAMMER FALL (IN)	--	30	-

DRILLING EQUIPMENT & PROCEDURES
RIG TYPE Mobile B52
BIT TYPE Cutting head
DRILL MUD None
OTHER Wire cathead with safety hammer

ELEVATION 591.0
DATUM NGVD
START 23 September 1996
FINISH 23 September 1996
DRILLER E. DelPriori
H & A REP H. Pile

DEPTH (FT)	CASING BLOWS PER FT	SAMPLER BLOWS PER 6 IN	SAMPLE NUMBER & RECOVERY	SAMPLE DEPTH (FT)	ELEV./ DEPTH (FT)	VISUAL DESCRIPTION AND REMARKS
0					590.7 / 0.3	Black bituminous concrete
		7, 9, 13, 10	S1 8	0.5, 2.5		Medium dense black and brown SILT, little sand with organic particles
		8, 17, 17, 21	S2 18	2.5, 4.5		Dense brown silty SAND
5		10, 10, 12, 13	S3 20	5.0, 7.0		Medium dense brown silty coarse to fine SAND, trace gravel
		21, 37, 28, 29	S4 14	7.0, 9.0	582.5 / 8.5	Same as S3 -FILL-
						Very dense brown coarse to fine SAND, little gravel and silt
10		10, 26, 26, 24	S5 14	10.0, 12.0		Very dense brown coarse to fine SAND, little gravel and silt
		32, 21, 18, 7	S6 12	12.0, 14.0	577.0 / 14.0	Dense brown coarse to fine SAND, little gravel, trace silt -GLACIAL TILL DEPOSITS-
15		100/3	S7 3	15.0, 15.2		Very dense brown weathered SCHIST
		100/0	S8	18.0, 18.0	573.0 / 18.0	Auger refusal at 18.0 ft. -WEATHERED ROCK-
						Bottom of Exploration at 18.0 ft.
20						NOTE: Borehole backfilled with cement grout.
25						

WATER LEVEL DATA

DATE	TIME	ELAPSED TIME (HR)	DEPTH (FT) TO: BOTTOM OF CASING	BOTTOM OF HOLE	WATER
23 Sept	1030	--	18.0	18.0	7.0

SAMPLE IDENTIFICATION
C ROCK CORE
T THIN WALL TUBE
U UNDISTURBED SAMPLE
S SPLIT SPOON
D DISTURBED SAMPLE

SUMMARY

OVERBURDEN (LIN FT)	18.0
BEDROCK CORED (LIN FT)	None
SAMPLES	8S

BORING NO. **B1**

HALEY & ALDRICH, INC.
GLASTONBURY
CONNECTICUT

TEST BORING REPORT

BORING NO. **B2**

PROJECT UNIVERSITY OF CONNECTICUT, CENTRAL HEATING PLANT UPGRADE, STORRS, CT
CLIENT STONE & WEBSTER ENGINEERING CORP.
CONTRACTOR GENERAL BORINGS, INC.

FILE NO. 91021-000
SHEET NO. 1 of 1
LOCATION N 355,992
E 735,043

ITEM	CASING	DRIVE SAMPLER	CORE BARREL
TYPE	HSA	SS	--
INSIDE DIAMETER (IN)	3 1/4	1 3/8	--
HAMMER WEIGHT (LB)	--	140	-
HAMMER FALL (IN)	--	30	-

DRILLING EQUIPMENT & PROCEDURES
RIG TYPE Mobile B52
BIT TYPE Cutting head
DRILL MUD None
OTHER Wire cathead with safety hammer

ELEVATION 591.0
DATUM NGVD
START 23 September 1996
FINISH 23 September 1996
DRILLER E. DelPriori
H & A REP H. Pile

DEPTH (FT)	CASING BLOWS PER FT	SAMPLER BLOWS PER 6 IN	SAMPLE NUMBER & RECOVERY	SAMPLE DEPTH (FT)	ELEV./ DEPTH (FT)	VISUAL DESCRIPTION AND REMARKS
0		5, 7, 9, 11	S1 12	0.5, 2.5	589.5 / 1.5	Medium dense black silty coarse to fine SAND
		15, 16, 11, 9	S2 18	2.5, 4.5		Medium dense brown silty coarse to fine SAND; Medium dense brown sandy SILT, little gravel
5		15, 10, 14, 16	S3 18	5.0, 7.0	584.0 / 7.0	Same as S2 -FILL-
		31, 22, 19, 27	S4 9	7.0, 9.0		Dense brown silty coarse to fine SAND, little gravel, few cobbles
10		22, 59, 36, 38	S5 11	10.0, 12.0		Very dense brown coarse to fine SAND, little gravel and silt, few cobbles
15		28, 36, 42, 41	S6 16	15.0, 17.0	574.5 / 16.5	Very dense brown coarse to fine SAND, little gravel and silt -GLACIAL TILL DEPOSITS-
					572.5 / 18.5	Very dense brown weathered SCHIST -WEATHERED BEDROCK-
20		50/0	S7 C1 59	20.0, 20.0, 20.0, 25.0		NOTE: See "Core Boring Report B2-C" for detailed rock descriptions. -BEDROCK-
25					566.0 / 25.0	Bottom of Exploration at 25.0 ft. NOTE: Borehole backfilled with cement grout.

WATER LEVEL DATA

DATE	TIME	ELAPSED TIME (HR)	DEPTH (FT) TO: BOTTOM OF CASING	BOTTOM OF HOLE	WATER
23 Sept	1130	--	18.5	20.0	6.0

SAMPLE IDENTIFICATION
C ROCK CORE
T THIN WALL TUBE
U UNDISTURBED SAMPLE
S SPLIT SPOON
D DISTURBED SAMPLE

SUMMARY

OVERBURDEN (LIN FT)	20.0
BEDROCK CORED (LIN FT)	5.0
SAMPLES	7S, 1C

BORING NO. **B2**

HALEY & ALDRICH, INC.
GLASTONBURY
CONNECTICUT

CORE BORING REPORT

BORING NO. B2-C
FILE NO. 91021-000
SHEET NO. 1 OF 1

DEPTH (FT)	DRILLING RATE MIN./FT.	RUN NO.	DEPTH (FT)	RECOVERY/RQD IN.	RECOVERY/RQD %	WEATHERING	ELEV./DEPTH (FT)	VISUAL DESCRIPTION AND REMARKS
0								NOTE: See "Test Boring Report B2" for detailed soil descriptions.
5								
10								
15								
20		C1	20.0 25.0	59.0	98.0	Fresh to slightly weathered	20.0	C1: Hard, fresh, dark gray, fine grained, biotite, chlorite, muscovite SCHIST; foliation extremely thin, low angle. Joints extremely to very closely spaced between 20.0 to 21.7 ft., closely spaced between 21.7 to 25.0 ft., low angle to horizontal, surfaces fresh to discolored, rough, undulatory, and tight. -BEDROCK-
25				76.0	43.0		25.0	
30								

HALEY & ALDRICH, INC.
GLASTONBURY
CONNECTICUT

TEST BORING REPORT

BORING NO. **B3**

PROJECT UNIVERSITY OF CONNECTICUT, CENTRAL HEATING PLANT UPGRADE, STORRS, CT
CLIENT STONE & WEBSTER ENGINEERING CORP.
CONTRACTOR GENERAL BORINGS, INC.

FILE NO. 91021-000
SHEET NO. 1 of 1
LOCATION N 355,959
E 735,129

ITEM	CASING	DRIVE SAMPLER	CORE BARREL
TYPE	HSA	SS	--
INSIDE DIAMETER (IN)	--	1 3/8	--
HAMMER WEIGHT (LB)	--	140	-
HAMMER FALL (IN)	--	30	-

DRILLING EQUIPMENT & PROCEDURES
RIG TYPE Diedrich D25
BIT TYPE Cutting head
DRILL MUD None
OTHER Rope cathead with safety hammer

ELEVATION 599.4
DATUM NGVD
START 24 September 1996
FINISH 24 September 1996
DRILLER J. Doner
H & A REP H. Pile

DEPTH (FT)	CASING BLOWS PER FT	SAMPLER BLOWS PER 6 IN	SAMPLE NUMBER & RECOVERY	SAMPLE DEPTH (FT)	ELEV./ DEPTH (FT)	VISUAL DESCRIPTION AND REMARKS
0		3	S1	0.0	599.2	-TOPSOIL-
		3	3	2.0	0.2	Loose dark brown coarse to fine SAND, trace silt
		6				
		4				
		3	S2	2.0		Loose brown medium to fine SAND, refusal on cobble
		6	6	3.0		
		50/0				
5		3	S3	5.0		Loose brown medium to fine SAND, trace coarse sand, with cinder particles and organic silt
		2	21	7.0		
		2				
		2				
		2	S4	7.0		Medium dense rust brown medium to fine SAND, little silt, trace coarse sand
		9	16	9.0	591.4	
		20			8.0	-FILL-
		27				Dense brown coarse to fine SAND, little gravel and silt
10		30	S5	10.0		Medium dense brown coarse to fine SAND, little gravel and silt
		14	12	12.0		
		13				
		20				
					585.4	
		55/0	S6	14.0	14.0	No recovery, probable bedrock
				14.0		-GLACIAL TILL DEPOSITS-
15						Bottom of Exploration at 14.0 ft.
						NOTE: Borehole backfilled with cement grout.
20						
25						

WATER LEVEL DATA

DATE	TIME	ELAPSED TIME (HR)	DEPTH (FT) TO: BOTTOM OF CASING	BOTTOM OF HOLE	WATER
23 Sept	1130	--	11.4	--	7.0

SAMPLE IDENTIFICATION

C	ROCK CORE
T	THIN WALL TUBE
U	UNDISTURBED SAMPLE
S	SPLIT SPOON
D	DISTURBED SAMPLE

SUMMARY

OVERBURDEN (LIN FT)	14.0
BEDROCK CORED (LIN FT)	None
SAMPLES	6S

BORING NO. **B3**

HALEY & ALDRICH, INC.
GLASTONBURY
CONNECTICUT

TEST BORING REPORT

BORING NO. **B4**

PROJECT UNIVERSITY OF CONNECTICUT, CENTRAL HEATING PLANT UPGRADE, STORRS, CT
CLIENT STONE & WEBSTER ENGINEERING CORP.
CONTRACTOR GENERAL BORINGS, INC.

FILE NO. 91021-000
SHEET NO. 1 of 1
LOCATION N 355,957
E 735,043

ITEM	CASING	DRIVE SAMPLER	CORE BARREL
TYPE	HSA	SS	--
INSIDE DIAMETER (IN)	3 1/4	1 3/8	--
HAMMER WEIGHT (LB)	--	140	-
HAMMER FALL (IN)	--	30	-

DRILLING EQUIPMENT & PROCEDURES
RIG TYPE Mobile B52
BIT TYPE Cutting head
DRILL MUD None
OTHER Wire cathead with safety hammer

ELEVATION 591.1
DATUM NGVD
START 23 September 1996
FINISH 23 September 1996
DRILLER E. DelPriori
H & A REP H. Pile

DEPTH (FT)	CASING BLOWS PER FT	SAMPLER BLOWS PER 6 IN	SAMPLE NUMBER & RECOVERY	SAMPLE DEPTH (FT)	ELEV./ DEPTH (FT)	VISUAL DESCRIPTION AND REMARKS
0					590.8 / 0.3	Black bituminous concrete
		4, 9, 11, 13	S1 4	0.5, 2.5		Medium dense brown medium to fine SAND, little silt
		11, 15, 9, 9	S2 20	2.5, 4.5		Medium dense brown silty coarse to fine SAND, trace gravel
5		5, 7, 15, 24	S3 9	5.0, 7.0		Medium dense brown coarse to fine SAND, little silt, trace gravel
		9, 15, 18, 13	S4 16	7.0, 9.0		Same as S3, except little gravel
					582.1 / 9.0	-FILL-
						Cobbles between 9.0 to 10.0 ft.
10		11, 15, 20, 18	S5 15	10.0, 12.0		Dense brown coarse to fine SAND, little gravel, trace silt
15		26, 37, 100/3	S6 11	15.0, 16.2	575.6 / 15.5	Same as S5
						-GLACIAL TILL DEPOSITS-
						Very dense brown completely weathered SCHIST
					572.6 / 18.5	-WEATHERED BEDROCK-
						Auger Refusal at 18.5 ft.
						Bottom of Exploration at 18.5 ft.
20						NOTE: Borehole backfilled with cement grout.
25						

WATER LEVEL DATA

DATE	TIME	ELAPSED TIME (HR)	DEPTH (FT) TO: BOTTOM OF CASING	BOTTOM OF HOLE	WATER
23 Sept	1500	--	18.5	18.5	7.0

SAMPLE IDENTIFICATION
C ROCK CORE
T THIN WALL TUBE
U UNDISTURBED SAMPLE
S SPLIT SPOON
D DISTURBED SAMPLE

SUMMARY

OVERBURDEN (LIN FT)	18.5
BEDROCK CORED (LIN FT)	None
SAMPLES	6S

BORING NO. **B4**

HALEY & ALDRICH, INC.
GLASTONBURY
CONNECTICUT

TEST BORING REPORT

BORING NO. B5

PROJECT UNIVERSITY OF CONNECTICUT, CENTRAL HEATING PLANT UPGRADE, STORRS, CT
CLIENT STONE & WEBSTER ENGINEERING CORP.
CONTRACTOR GENERAL BORINGS, INC.

FILE NO. 91021-000
SHEET NO. 1 of 1
LOCATION N 355,928
E 735,062

ITEM	CASING	DRIVE SAMPLER	CORE BARREL
TYPE	HSA	SS	--
INSIDE DIAMETER (IN)	3 3/4	1 3/8	--
HAMMER WEIGHT (LB)	--	140	-
HAMMER FALL (IN)	--	30	-

DRILLING EQUIPMENT & PROCEDURES
RIG TYPE Mobile B52
BIT TYPE Cutting head
DRILL MUD None
OTHER Wire cathead with safety hammer

ELEVATION 591.6
DATUM NGVD
START 23 September 1996
FINISH 23 September 1996
DRILLER J. Muccino
H & A REP H. Pile

DEPTH (FT)	CASING BLOWS PER FT	SAMPLER BLOWS PER 6 IN	SAMPLE NUMBER & RECOVERY	SAMPLE DEPTH (FT)	ELEV./ DEPTH (FT)	VISUAL DESCRIPTION AND REMARKS
0					591.4	Black bituminous concrete
		4	S1	0.5	0.2	Medium dense brown medium to fine SAND, trace silt
		5	12	2.5		
		6				
		6				
		8	S2	2.5		Medium dense brown and gray coarse to fine SAND, little silt, with organic silt
		7	9	4.5		
		7				
		6				
5		7	S3	5.0		Medium dense brown coarse to fine SAND, little silt, pieces of wood, with organic silt
		8	6	7.0		
		5				
		5				
		7	S4	7.0		Same as S3
		9	9	9.0		
		13				
		15			582.6	-FILL-
					9.0	
10		27	S5	10.0		Same as S4, except very dense
		100/3	~~6~~	~~10.8~~		
					579.6	-FILL-
		21	S6	12.0	12.0	Very dense brown coarse to fine SAND, little gravel and silt
		40	11	13.9		
		32				
		100/5				
					576.7	-GLACIAL TILL DEPOSITS-
15		100/0	S7	14.9	14.9	Auger Refusal at 14.9 ft.
				14.9		Bottom of Exploration at 14.9 ft.
						NOTE: Borehole backfilled with cement grout.
20						
25						

WATER LEVEL DATA

DATE	TIME	ELAPSED TIME (HR)	DEPTH (FT) TO: BOTTOM OF CASING	BOTTOM OF HOLE	WATER
23 Sept	1445	--	14.9	14.9	4.5

SAMPLE IDENTIFICATION

C	ROCK CORE
T	THIN WALL TUBE
U	UNDISTURBED SAMPLE
S	SPLIT SPOON
D	DISTURBED SAMPLE

SUMMARY

OVERBURDEN (LIN FT)	14.9
BEDROCK CORED (LIN FT)	None
SAMPLES	7S

BORING NO. B5

HALEY & ALDRICH, INC.
GLASTONBURY
CONNECTICUT

TEST BORING REPORT

BORING NO. B7

PROJECT UNIVERSITY OF CONNECTICUT, CENTRAL HEATING PLANT UPGRADE, STORRS, CT
CLIENT STONE & WEBSTER ENGINEERING CORP.
CONTRACTOR GENERAL BORINGS, INC.

FILE NO. 91021-000
SHEET NO. 1 of 1
LOCATION N 355,919
E 735,133

ITEM	CASING	DRIVE SAMPLER	CORE BARREL	DRILLING EQUIPMENT & PROCEDURES
TYPE	HSA	SS	--	RIG TYPE Mobile B52
INSIDE DIAMETER (IN)	3 3/4	1 3/8	--	BIT TYPE Cutting head
HAMMER WEIGHT (LB)	--	140	-	DRILL MUD None
HAMMER FALL (IN)	--	30	-	OTHER Wire cathead with safety hammer

ELEVATION 604.0
DATUM NGVD
START 23 September 1996
FINISH 24 September 1996
DRILLER J. Muccino
H & A REP H. Pile

DEPTH (FT)	CASING BLOWS PER FT	SAMPLER BLOWS PER 6 IN	SAMPLE NUMBER & RECOVERY	SAMPLE DEPTH (FT)	ELEV./ DEPTH (FT)	VISUAL DESCRIPTION AND REMARKS
0		2, 2, 2, 2	S1 9	0.0 – 2.0	603.8 / 0.2	-TOPSOIL- Loose brown silty coarse to fine SAND
		2, 2, 2, 1	S2 0	2.0 – 4.0		No recovery, probable cobble in tip
5		3, 3, 4, 4	S3 8	5.0 – 7.0		Loose brown coarse to fine SAND, little silt
		3, 3, 3, 7	S4 6	7.0 – 9.0		Same as S3
					594.5 / 9.5	-FILL-
10		21, 26, 29, 40	S5 9	10.0 – 12.0		Very dense brown gravelly coarse to fine SAND, trace silt
15		44, 41, 43, 48	S6 16	15.0 – 17.0		Very dense brown coarse to fine SAND, little silt, trace gravel
					587.5 / 16.5	-GLACIAL TILL DEPOSITS- Very dense brown completely weathered SCHIST
20		100/3	S7 1	20.0 – 20.2	583.8 / 20.2	Very dense moderately weathered SCHIST -WEATHERED ROCK-
25						Bottom of Exploration at 20.2 ft.

NOTE: Borehole backfilled with cement grout.

WATER LEVEL DATA

DATE	TIME	ELAPSED TIME (HR)	DEPTH (FT) TO: BOTTOM OF CASING	BOTTOM OF HOLE	WATER
23 Sept	0840	--	20.0	20.2	14.5

SAMPLE IDENTIFICATION

C ROCK CORE
T THIN WALL TUBE
U UNDISTURBED SAMPLE
S SPLIT SPOON
D DISTURBED SAMPLE

SUMMARY

OVERBURDEN (LIN FT)	20.2
BEDROCK CORED (LIN FT)	None
SAMPLES	7S

BORING NO. B7

HALEY & ALDRICH, INC.
GLASTONBURY
CONNECTICUT

TEST BORING REPORT

BORING NO. **B8A**

PROJECT UNIVERSITY OF CONNECTICUT, CENTRAL HEATING PLANT UPGRADE, STORRS, CT
CLIENT STONE & WEBSTER ENGINEERING CORP.
CONTRACTOR GENERAL BORINGS, INC.

FILE NO. 91021-000
SHEET NO. 1 of 1
LOCATION N 355,911
E 735,083

ITEM	CASING	DRIVE SAMPLER	CORE BARREL
TYPE	HSA	SS	NX
INSIDE DIAMETER (IN)	4 1/4	1 3/8	2 1/8
HAMMER WEIGHT (LB)	--	140	-
HAMMER FALL (IN)	--	30	-

DRILLING EQUIPMENT & PROCEDURES
RIG TYPE Mobile B52
BIT TYPE Cutting head
DRILL MUD None
OTHER Wire cathead with safety hammer

ELEVATION 593.2
DATUM NGVD
START 24 September 1996
FINISH 24 September 1996
DRILLER J. Muccino
H & A REP H. Pile

DEPTH (FT)	CASING BLOWS PER FT	SAMPLER BLOWS PER 6 IN	SAMPLE NUMBER & RECOVERY	SAMPLE DEPTH (FT)	ELEV./ DEPTH (FT)	VISUAL DESCRIPTION AND REMARKS
0		2	S1	0.0	593.0	-TOPSOIL-
		7	11	2.0	0.2	Medium dense brown coarse to fine SAND, little gravel, trace silt
		15				
		10				
		7	S2	2.0		Dense brown coarse to fine SAND, trace gravel and silt with black silt layer, few cobbles
		21	12	4.0		
		23				
		29				
5		19	S3	5.0		Dense brown coarse to fine SAND, little silt, trace gravel
		21	12	7.0		
		20				
		32				
		18	S4	7.0	585.7	-FILL-
		32	18	9.0	7.5	Very dense brown coarse to fine SAND, little gravel and silt
		45				
		57			584.2	-GLACIAL TILL DEPOSITS-
		100/0	S5	9.0	9.0	Cored through boulder 9.0 to 10.5 ft.
			0	10.0	583.2	
10		28	S6	10.0	10.0	Very dense gray brown silty coarse to fine SAND with weathered rock fragments
		100/0	6	10.5	582.7	NOTE: Auger refusal on B8A at 10.5 ft. Could not penetrate, moved 10 ft. towards building and redrilled. -WEATHERED BEDROCK-
					10.5	Bottom of Exploration at 10.5 ft.
15						NOTE: Borehole backfilled with cement grout.
20						
25						

WATER LEVEL DATA

DATE	TIME	ELAPSED TIME (HR)	DEPTH (FT) TO: BOTTOM OF CASING	BOTTOM OF HOLE	WATER
23 Sept	1100	--	--	--	6.0

SAMPLE IDENTIFICATION
C ROCK CORE
T THIN WALL TUBE
U UNDISTURBED SAMPLE
S SPLIT SPOON
D DISTURBED SAMPLE

SUMMARY

OVERBURDEN (LIN FT)	10.5
BEDROCK CORED (LIN FT)	1.5
SAMPLES	6S

BORING NO. **B8A**

HALEY & ALDRICH, INC.
GLASTONBURY
CONNECTICUT

TEST BORING REPORT

BORING NO. **B8B**

PROJECT UNIVERSITY OF CONNECTICUT, CENTRAL HEATING PLANT UPGRADE, STORRS, CT
CLIENT STONE & WEBSTER ENGINEERING CORP.
CONTRACTOR GENERAL BORINGS, INC.

FILE NO. 91021-000
SHEET NO. 1 of 1
LOCATION N 355,915
E 735,085

ITEM	CASING	DRIVE SAMPLER	CORE BARREL	DRILLING EQUIPMENT & PROCEDURES
TYPE	HSA	SS	NX	RIG TYPE Mobile B52
INSIDE DIAMETER (IN)	4 1/4	1 3/8	2 1/8	BIT TYPE Cutting head
HAMMER WEIGHT (LB)	--	140	-	DRILL MUD None
HAMMER FALL (IN)	--	30	-	OTHER Rope cathead with safety hammer

ELEVATION 594.0
DATUM NGVD
START 24 September 1996
FINISH 24 September 1996
DRILLER J. Muccino
H & A REP H. Pile

DEPTH (FT)	CASING BLOWS PER FT	SAMPLER BLOWS PER 6 IN	SAMPLE NUMBER & RECOVERY	SAMPLE DEPTH (FT)	ELEV./ DEPTH (FT)	VISUAL DESCRIPTION AND REMARKS
0						NOTE: See "Test Boring Report B8A" for detailed soil descriptions between 0.0 to 10.0 ft.
5						
10					584.0	
		20	S1	10.0	10.0	Very dense coarse to fine SAND, little silt, with weathered rock in tip of spoon
		57	6	11.0	583.0	
		100/0	C1	11.0	11.0	-WEATHERED BEDROCK-
			53	16.0		NOTE: See "Core Boring Report B8B-C" for detailed rock descriptions.
15					578.0	-BEDROCK-
					16.0	Bottom of Exploration at 16.0 ft.
						NOTE: Well installed in completed borehole. See "Groundwater Monitoring Well Report B8-OW" for details.
20						
25						

WATER LEVEL DATA

DATE	TIME	ELAPSED TIME (HR)	DEPTH (FT) TO: BOTTOM OF CASING	BOTTOM OF HOLE	WATER
23 Sept	1530	--	10.0	16.0	6.0

SAMPLE IDENTIFICATION

C	ROCK CORE
T	THIN WALL TUBE
U	UNDISTURBED SAMPLE
S	SPLIT SPOON
D	DISTURBED SAMPLE

SUMMARY

OVERBURDEN (LIN FT)	11.0
BEDROCK CORED (LIN FT)	5.0
SAMPLES	None

BORING NO. **B8B**

HALEY & ALDRICH, INC.
GLASTONBURY
CONNECTICUT

CORE BORING REPORT

BORING NO. B8B-C
FILE NO. 91021-000
SHEET NO. 1 OF 1

DEPTH (FT)	DRILLING RATE MIN./FT.	RUN NO.	DEPTH (FT)	RECOVERY/RQD IN.	RECOVERY/RQD %	WEATHERING	ELEV./DEPTH (FT)	VISUAL DESCRIPTION AND REMARKS
0								NOTE: See "Test Boring Reports B8A and B8B" for detailed soil descriptions.
5								
10								
		C1	11.0 16.0	53.0	88.0	Fresh	11.0	C1: Hard, fresh, gray, fine grained, biotite chlorite, muscovite SCHIST; foliation extremely thin, low angle. Joints; primary set, close to very closely spaced, horizontal to low angle, surfaces fresh, rough, and undulatory; secondary set, widely spaced, high angle, surfaces discolored, rough, and undulatory.
15								-BEDROCK-
				34.0	57.0		16.0	Bottom of Exploration at 16.0 ft.
20								
25								
30								

HALEY & ALDRICH, INC.
GLASTONBURY
CONNECTICUT

TEST BORING REPORT

BORING NO. **B204**

PROJECT UNIVERSITY OF CONNECTICUT, NORTH QUAD UTILITY TUNNEL STORRS, CONNECTICUT
CLIENT GREINER, INC.
CONTRACTOR GENERAL BORINGS, INC.

FILE NO. 91031-000
SHEET NO. 1 of 1
LOCATION N 356,238
E 734,828

ELEVATION 592.7
DATUM NGVD
START 5 November 1996
FINISH 5 November 1996
DRILLER J. Doner
H & A REP H. Pile

ITEM	CASING	DRIVE SAMPLER	CORE BARREL
TYPE	HSA	SS	--
INSIDE DIAMETER (IN)	3 1/4	1 3/8	--
HAMMER WEIGHT (LB)	--	140	-
HAMMER FALL (IN)	--	30	-

DRILLING EQUIPMENT & PROCEDURES
RIG TYPE Mobile B57
BIT TYPE Cutting head
DRILL MUD none
OTHER Wire winch to drive safety hammer

DEPTH (FT)	CASING BLOWS PER FT	SAMPLER BLOWS PER 6 IN	SAMPLE NUMBER & RECOVERY	SAMPLE DEPTH (FT)	ELEV./DEPTH (FT)	VISUAL DESCRIPTION AND REMARKS
0					592.5	Black bituminous asphalt
		4	S1	0.5	0.2	Dense brown coarse to fine SAND, little gravel
		26	10	2.5		
		17				
		12				
					589.7	-FILL-
					3.0	
		3	S2	3.5		Stiff black organic SILT, little sand, trace gravel with root fragments
		2	6	5.5		
5		4				
		2				
					584.2	-ALLUVIAL DEPOSITS-
		13	S3	8.5	8.5	Dense brown coarse to fine SAND, little gravel and silt
		17	18	10.5		
10		14				
		11				
		7	S4	13.5		Medium dense brown silty medium to fine SAND, little gravel and coarse sand
		10	14	15.5		
15		13				
		16				
		22	S5	18.5		Very dense brown gray silty coarse to fine SAND, refusal on probable bedrock
		27	10	19.7		
		50/2			573.0	-GLACIAL TILL DEPOSITS-
20					19.7	Bottom of Exploration at 19.7 ft.
						Borehole backfilled with drill cuttings and patched with asphalt
25						

WATER LEVEL DATA

DATE	TIME	ELAPSED TIME (HR)	DEPTH (FT) TO: BOTTOM OF CASING	BOTTOM OF HOLE	WATER
5 Nov.	1415	--	18.5	19.7	9.5

SAMPLE IDENTIFICATION
C ROCK CORE
T THIN WALL TUBE
U UNDISTURBED SAMPLE
S SPLIT SPOON
D DISTURBED SAMPLE

SUMMARY

OVERBURDEN (LIN FT)	19.7
BEDROCK CORED (LIN FT)	none
SAMPLES	5S

BORING NO. **B204**

HALEY & ALDRICH, INC.
GLASTONBURY
CONNECTICUT

TEST BORING REPORT

BORING NO. **B205**

PROJECT UNIVERSITY OF CONNECTICUT, NORTH QUAD UTILITY TUNNEL STORRS, CONNECTICUT
CLIENT GREINER, INC.
CONTRACTOR GENERAL BORINGS, INC.

FILE NO. 91031-000
SHEET NO. 1 of 1
LOCATION N 356,322
E 734,957

ITEM	CASING	DRIVE SAMPLER	CORE BARREL
TYPE	HSA	SS	--
INSIDE DIAMETER (IN)	3 1/4	1 3/8	--
HAMMER WEIGHT (LB)	--	140	-
HAMMER FALL (IN)	--	30	-

DRILLING EQUIPMENT & PROCEDURES
RIG TYPE Mobile B57
BIT TYPE Cutting head
DRILL MUD none
OTHER Wire winch to drive safety hammer

ELEVATION 593.6
DATUM NGVD
START 5 November 1996
FINISH 5 November 1996
DRILLER J. Doner
H & A REP H. Pile

DEPTH (FT)	CASING BLOWS PER FT	SAMPLER BLOWS PER 6 IN	SAMPLE NUMBER & RECOVERY	SAMPLE DEPTH (FT)	ELEV./DEPTH (FT)	VISUAL DESCRIPTION AND REMARKS
0					593.3 / 0.3	Black bituminous concrete
		8, 13, 12, 10	S1 13	1.0, 3.0	591.1 / 2.5	Medium dense brown coarse to fine SAND, little gravel
						Medium dense gray sandy SILT
5		4, 3, 1, 2	S2 12	4.0, 6.0	585.6 / 8.0	Loose gray silty coarse to fine SAND, trace gravel -FILL-
10		3, 1/12, 2	S3 23	9.0, 11.0	580.6 / 13.0	Very soft black organic SILT, trace sand with few roots -ALLUVIAL DEPOSITS-
15		5, 3, 6, 9	S4 5	14.0, 16.0	573.6 / 20.0	Loose gray fine sandy SILT, trace coarse sand NOTE: Sand blew into casing 3.0 ft. prior to sampling at 18 ft., could not sample. Spun augers down to 20.0 ft. -ALLUVIAL DEPOSITS-
20						Bottom of Exploration at 20.0 ft.
25						Borehole backfilled with drill cuttings and patched with asphalt

WATER LEVEL DATA

DATE	TIME	ELAPSED TIME (HR)	DEPTH (FT) TO: BOTTOM OF CASING	BOTTOM OF HOLE	WATER
5 Nov.	1620	--	20.0	20.0	11.5

SAMPLE IDENTIFICATION
C ROCK CORE
T THIN WALL TUBE
U UNDISTURBED SAMPLE
S SPLIT SPOON
D DISTURBED SAMPLE

SUMMARY

OVERBURDEN (LIN FT)	20.0
BEDROCK CORED (LIN FT)	none
SAMPLES	4S

BORING NO. **B205**

HALEY & ALDRICH, INC.
GLASTONBURY
CONNECTICUT

TEST BORING REPORT

BORING NO. **B208**

PROJECT UNIVERSITY OF CONNECTICUT, NORTH QUAD UTILITY TUNNEL STORRS, CONNECTICUT
CLIENT GREINER, INC.
CONTRACTOR GENERAL BORINGS, INC.

FILE NO. 91031-000
SHEET NO. 1 of 1
LOCATION N 356,077
E 734,936

ELEVATION 591.1
DATUM NGVD
START 5 November 1996
FINISH 5 November 1996
DRILLER E. Galeski
H & A REP H. Pile

ITEM	CASING	DRIVE SAMPLER	CORE BARREL
TYPE	HSA	SS	--
INSIDE DIAMETER (IN)	3 1/4	1 3/8	--
HAMMER WEIGHT (LB)	--	140	-
HAMMER FALL (IN)	--	30	-

DRILLING EQUIPMENT & PROCEDURES
RIG TYPE Case 580E Mobile B47
BIT TYPE Cutting head
DRILL MUD none
OTHER Rope cathead to drive safety hammer

DEPTH (FT)	CASING BLOWS PER FT	SAMPLER BLOWS PER 6 IN	SAMPLE NUMBER & RECOVERY	SAMPLE DEPTH (FT)	ELEV./ DEPTH (FT)	VISUAL DESCRIPTION AND REMARKS
0		13, 7, 5, 4	S1 16	0.2, 2.2	590.9 / 0.2	Black bituminous asphalt
						Medium dense black and dark brown silty coarse to fine SAND, trace gravel with cinder particles
5		5, 8, 9, 15	S2 11	5.0, 7.0	585.1 / 6.0	Medium dense gray medium to fine SAND, trace root fragments
						-FILL-
						Medium dense brown coarse to fine SAND, little gravel, trace silt
10		3, 5, 5, 6	S3 14	10.0, 12.0		Medium dense brown silty fine SAND with rust-colored laminae
15		2, 3, 2, 4	S4 12	15.0, 17.0		Medium stiff brown SILT, trace fine sand
					572.6 / 18.5	-GLACIOFLUVIAL DEPOSITS-
20		9, 16, 22, 45	S5 8	20.0, 22.0		Dense brown coarse to fine SAND, little gravel, trace silt
					569.1 / 22.0	-GLACIAL TILL DEPOSITS-
						Bottom of Exploration at 22.0 ft.
						Borehole backfilled with drill cuttings and patched with asphalt
25						

WATER LEVEL DATA

DATE	TIME	ELAPSED TIME (HR)	DEPTH (FT) TO: BOTTOM OF CASING	BOTTOM OF HOLE	WATER
5 Nov.	1000	--	20.0	22.0	7.0

SAMPLE IDENTIFICATION
C ROCK CORE
T THIN WALL TUBE
U UNDISTURBED SAMPLE
S SPLIT SPOON
D DISTURBED SAMPLE

SUMMARY

OVERBURDEN (LIN FT)	22.0
BEDROCK CORED (LIN FT)	none
SAMPLES	5S

BORING NO. - **B208**

HALEY & ALDRICH, INC.
GLASTONBURY
CONNECTICUT

TEST BORING REPORT

BORING NO. B12

PROJECT UNIVERSITY OF CONNECTICUT CHEMISTRY BUILDING STORRS, CONNECTICUT
CLIENT CENTERBROOK ARCHITECTS AND PLANNERS
CONTRACTOR SOILTESTING, INC.

FILE NO. 90822-000
SHEET NO. 1 of 2
LOCATION See plan

ITEM	CASING	DRIVE SAMPLER	CORE BARREL
TYPE	NW	SS	NQ-2
INSIDE DIAMETER (IN)	3	1 3/8	2.0
HAMMER WEIGHT (LB)	--	140	-
HAMMER FALL (IN)	--	30	-

DRILLING EQUIPMENT & PROCEDURES

RIG TYPE Diedrich D-120
BIT TYPE Cutting head
DRILL MUD none
OTHER Safety hammer with cathead driver

ELEVATION 605.5 approx.
DATUM NGVD
START 17 August 1994
FINISH 17 August 1994
DRILLER E. Kennedy
H & A REP S. Brousseau

DEPTH (FT)	CASING BLOWS PER FT	SAMPLER BLOWS PER 6 IN	SAMPLE NUMBER & RECOVERY	SAMPLE DEPTH (FT)	ELEV./ DEPTH (FT)	VISUAL DESCRIPTION AND REMARKS
0		3	S1	0.0	605.0	Medium dense brown silty fine SAND with numerous roots (Topsoil)
		7	10	2.0	0.5	Medium dense brown silty fine SAND, trace fine gravel
		5				
		4				
		10	S2	2.0		Very dense brown silty fine SAND, trace fine gravel. (Weathered rock in tip of spoon.) -FILL-
		50/3	3	2.8	602.7 2.8	
						NOTE: Spun casing to 4.0 ft. Rollerbitted to 5.0 ft. to core.
5			C1	5.0		
			12	10.0		Boulder
						NOTE: Poor core recovery from 5.0 to 10.0 ft. and 10.0 to 15.0 ft. Spun casing to 15.0 ft. and sampled.
10			C2	10.0		
			5	15.0		Boulder
15		100/0	--	15.0		
			0	15.0		
					586.5	Note: Spun casing to 19.0 ft. and sampled.
		50/3	S3	19.0	19.0	-GLACIAL TILL-
20				19.3		Very dense white gravelly coarse to fine SAND, trace silt. (Weathered rock)
					584.5	-WEATHERED ROCK-
			C3	21.0	21.0	Note: Spun casing to 21.0 ft. and cored.
			37	26.0		C3: Moderately to medium hard, slightly to moderately weathered, brown to white to rust colored, coarse to fine grained, SCHIST and PEGMATITE; Joints - horizontal to low angle subparallel to foliation, very close to close spacing; core becomes moderately weathered
25						

WATER LEVEL DATA

DATE	TIME	ELAPSED TIME (HR)	DEPTH (FT) TO: BOTTOM OF CASING	BOTTOM OF HOLE	WATER
Water introduced at surface for casing					

SAMPLE IDENTIFICATION

C ROCK CORE
T THIN WALL TUBE
U UNDISTURBED SAMPLE
S SPLIT SPOON
D DISTURBED SAMPLE

SUMMARY

OVERBURDEN (LIN FT)	21.0
ROCK CORED (LIN FT)	5.0
SAMPLES	3S,3C

BORING NO. B12

HALEY & ALDRICH, INC.
GLASTONBURY
CONNECTICUT

TEST BORING REPORT

BORING NO. B12
FILE NO. 90822-000
SHEET NO. 2 of 2

DEPTH (FT)	CASING BLOWS PER FT	SAMPLER BLOWS PER 6 IN	SAMPLE NUMBER & RECOVERY	SAMPLE DEPTH (FT)	ELEV./ DEPTH (FT)	VISUAL DESCRIPTION AND REMARKS
25						from approximately 24.5' to 26.0'. (Core times in min./ft. for C3 were 1.0, 1.5, 1.0, 1.0 and 1.5, respectively.) [RQD=11.7%]
					579.5 / 26.0	-BEDROCK-
						Bottom of Exploration at 26.0 ft.
30						Borehole backfilled with cuttings
35						
40						
45						
50						
55						
60						

HALEY & ALDRICH, INC.
GLASTONBURY
CONNECTICUT

TEST BORING REPORT

BORING NO. B14

PROJECT UNIVERSITY OF CONNECTICUT CHEMISTRY BUILDING STORRS, CONNECTICUT
CLIENT CENTERBROOK ARCHITECTS AND PLANNERS
CONTRACTOR SOILTESTING, INC.

FILE NO. 90822-000
SHEET NO. 1 of 1
LOCATION See plan

ITEM	CASING	DRIVE SAMPLER	CORE BARREL	DRILLING EQUIPMENT & PROCEDURES
TYPE	HSA/NW	SS	NQ-2	RIG TYPE Diedrich D-50
INSIDE DIAMETER (IN)	2 1/2, 3	1 3/8	2.0	BIT TYPE Cutting head
HAMMER WEIGHT (LB)	--	140	-	DRILL MUD none
HAMMER FALL (IN)	--	30	-	OTHER Safety hammer with cathead driver

ELEVATION 603.8
DATUM NGVD
START 17 August 1994
FINISH 17 August 1994
DRILLER E. Kennedy
H & A REP S. Brousseau

DEPTH (FT)	CASING BLOWS PER FT	SAMPLER BLOWS PER 6 IN	SAMPLE NUMBER & RECOVERY	SAMPLE DEPTH (FT)	ELEV./ DEPTH (FT)	VISUAL DESCRIPTION AND REMARKS
0		5, 5, 9, 8	S1 18	0.0, 2.0	603.4, 0.4	Medium dense brown silty fine SAND, with numerous roots (Topsoil)
						Medium dense brown medium to fine SAND, little coarse sand and silt, trace gravel
5		34, 50/2	S2 8	5.0, 5.7	598.8, 5.0	-FILL-
						Very dense brown coarse to fine SAND, little silt and gravel Note: Boulder from 5.7 to 7.0 ft.
10		18, 31, 37, 24	S3 15	10.0, 12.0		Very dense red brown gravelly coarse to fine SAND, little silt (sample moist)
					590.8, 13.0	-GLACIAL TILL-
			C1 51	13.5, 18.5		Hollow Stem Auger Refusal at 13.0 ft. C1: Hard to moderately hard, fresh to slightly weathered, gray to white, coarse to fine grained, SCHIST; Joints - horizontal to low angle, very close to close spacing; (core times in min./ft. for C1 were 2.0, 2.5, 2.5, 2.5, 2.0 respectively) [RQD=40.8%]
15						
			C2 55	18.5, 23.5		C2: Very hard to moderately hard, fresh to slightly weathered, white to gray to rust, coarse to fine grained, SCHIST; Joints - horizontal to low angle, very close to close spacing. (Core times in min./ft. for C2 were: 2.5, 3.0, 3.0, 2.5, 2.5) [RQD=48.3%]
20						
					580.3, 23.5	-BEDROCK-
						Bottom of Exploration at 23.5 ft. Borehole backfilled with cuttings
25						

WATER LEVEL DATA

DATE	TIME	ELAPSED TIME (HR)	DEPTH (FT) TO: BOTTOM OF CASING	BOTTOM OF HOLE	WATER
17 Aug	1520	--	10.0	12.0	10.0

SAMPLE IDENTIFICATION

C ROCK CORE
T THIN WALL TUBE
U UNDISTURBED SAMPLE
S SPLIT SPOON
D DISTURBED SAMPLE

SUMMARY

OVERBURDEN (LIN FT)	13.5
ROCK CORED (LIN FT)	10.0
SAMPLES	3S,2C

BORING NO. B14

HALEY & ALDRICH, INC.
GLASTONBURY
CONNECTICUT

TEST BORING REPORT

BORING NO. B16

PROJECT UNIVERSITY OF CONNECTICUT CHEMISTRY BUILDING STORRS, CONNECTICUT
CLIENT CENTERBROOK ARCHITECTS AND PLANNERS
CONTRACTOR SOILTESTING, INC.

FILE NO. 90822-000
SHEET NO. 1 of 1
LOCATION See plan

ITEM	CASING	DRIVE SAMPLER	CORE BARREL
TYPE	HSA	SS	--
INSIDE DIAMETER (IN)	2 1/2	1 3/8	--
HAMMER WEIGHT (LB)	--	140	-
HAMMER FALL (IN)	--	30	-

DRILLING EQUIPMENT & PROCEDURES
RIG TYPE Diedrich D-50
BIT TYPE Cutting head
DRILL MUD none
OTHER Safety hammer with cathead driver

ELEVATION 596.1
DATUM NGVD
START 17 August 1994
FINISH 17 August 1994
DRILLER E. Kennedy
H & A REP S. Brousseau

DEPTH (FT)	CASING BLOWS PER FT	SAMPLER BLOWS PER 6 IN	SAMPLE NUMBER & RECOVERY	SAMPLE DEPTH (FT)	ELEV./ DEPTH (FT)	VISUAL DESCRIPTION AND REMARKS
0		5, 7, 7, 9	S1 20	0.0 – 2.0	595.7 / 0.4	Medium dense brown silty fine SAND, trace fine gravel with numerous roots (Topsoil)
		6, 7, 4, 8	S2 15	2.0 – 4.0	592.1 / 4.0	Medium dense brown medium to fine SAND, little silt, trace fine gravel and coarse sand with very few fragments of asphalt Medium dense brown silty fine SAND, trace gravel with very few fragments of asphalt and roots -FILL-
5		11, 16, 9, 13	S3 18	4.0 – 6.0		Medium dense brown silty fine SAND, little gravel, trace coarse to medium sand
		18, 21, 36, 42	S4 14	8.0 – 10.0	586.1 / 10.0	Very dense brown silty coarse to fine SAND, trace gravel -GLACIAL TILL-
10						Bottom of Exploration at 10.0 ft.
15						Note: Backfilled borehole with cuttings.
20						
25						

WATER LEVEL DATA

DATE	TIME	ELAPSED TIME (HR)	DEPTH (FT) TO: BOTTOM OF CASING	BOTTOM OF HOLE	WATER
17 Aug	1345	--	8.0	10.0	8.6

SAMPLE IDENTIFICATION
C ROCK CORE
T THIN WALL TUBE
U UNDISTURBED SAMPLE
S SPLIT SPOON
D DISTURBED SAMPLE

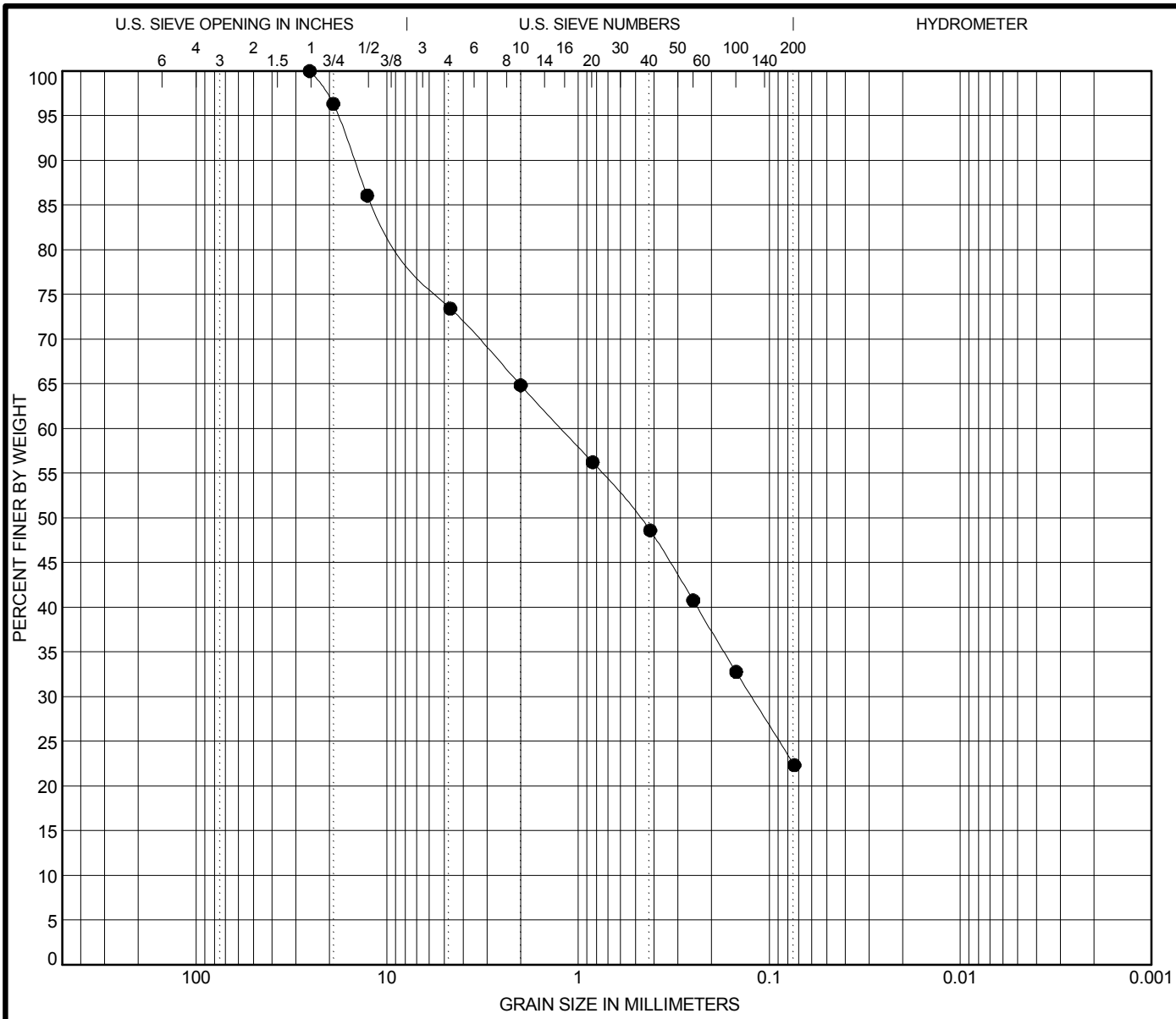
SUMMARY

OVERBURDEN (LIN FT)	10.0
ROCK CORED (LIN FT)	--
SAMPLES	4S

BORING NO. B16

APPENDIX D

Results of Geotechnical Laboratory Testing



	COBBLES	% GRAVEL		% SAND			% FINES	
		COARSE	FINE	COARSE	MEDIUM	FINE	% SILT	% CLAY
●		**3.7**	**22.7**	**8.8**	**16.2**	**26.3**	**22.3**	

	Expl. No.	Sample No.	Depth (ft.)	LL	PL	PI	Water Content (%)	Cc	Cu
●	**B1**	**S5**	**10-12**				**4.8**		

Sample Description

● **Light brown silty SAND, some gravel, some cobble fragments**

Remarks:

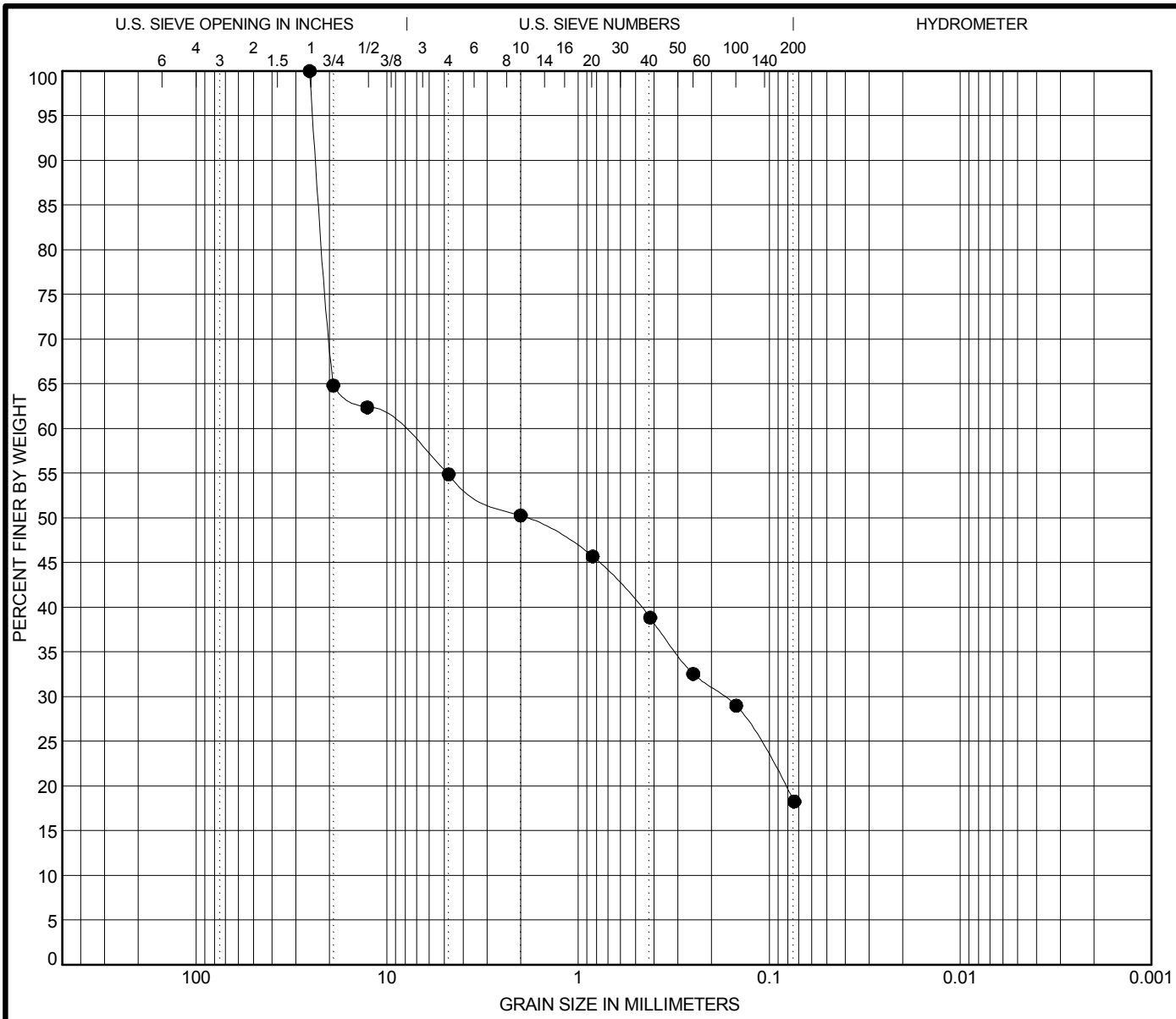
HALEY & ALDRICH
Rocky Hill, Connecticut

New Science & Engineering Building
University of Connecticut, Storrs, Connecticut

GRAIN SIZE DISTRIBUTION

Date: 2/14/2014 File No.: 36190-000

H&A SIEVE USCS LABTEMP.GDT G:\36190_UCONN_ENG\000\LAB\2014-0214 SIEVES 36190-000.GPJ Feb 24, 14



	COBBLES	% GRAVEL		% SAND			% FINES	
		COARSE	FINE	COARSE	MEDIUM	FINE	% SILT	% CLAY
●		**35.2**	**9.9**	**4.6**	**11.4**	**20.6**	**18.3**	

	Expl. No.	Sample No.	Depth (ft.)	LL	PL	PI	Water Content (%)	Cc	Cu
●	**B3**	**S4**	**7-9**				**4.8**		

Sample Description

● **Light brown medium to fine SAND, some silt, some gravel, some cobble fragments**

Remarks:

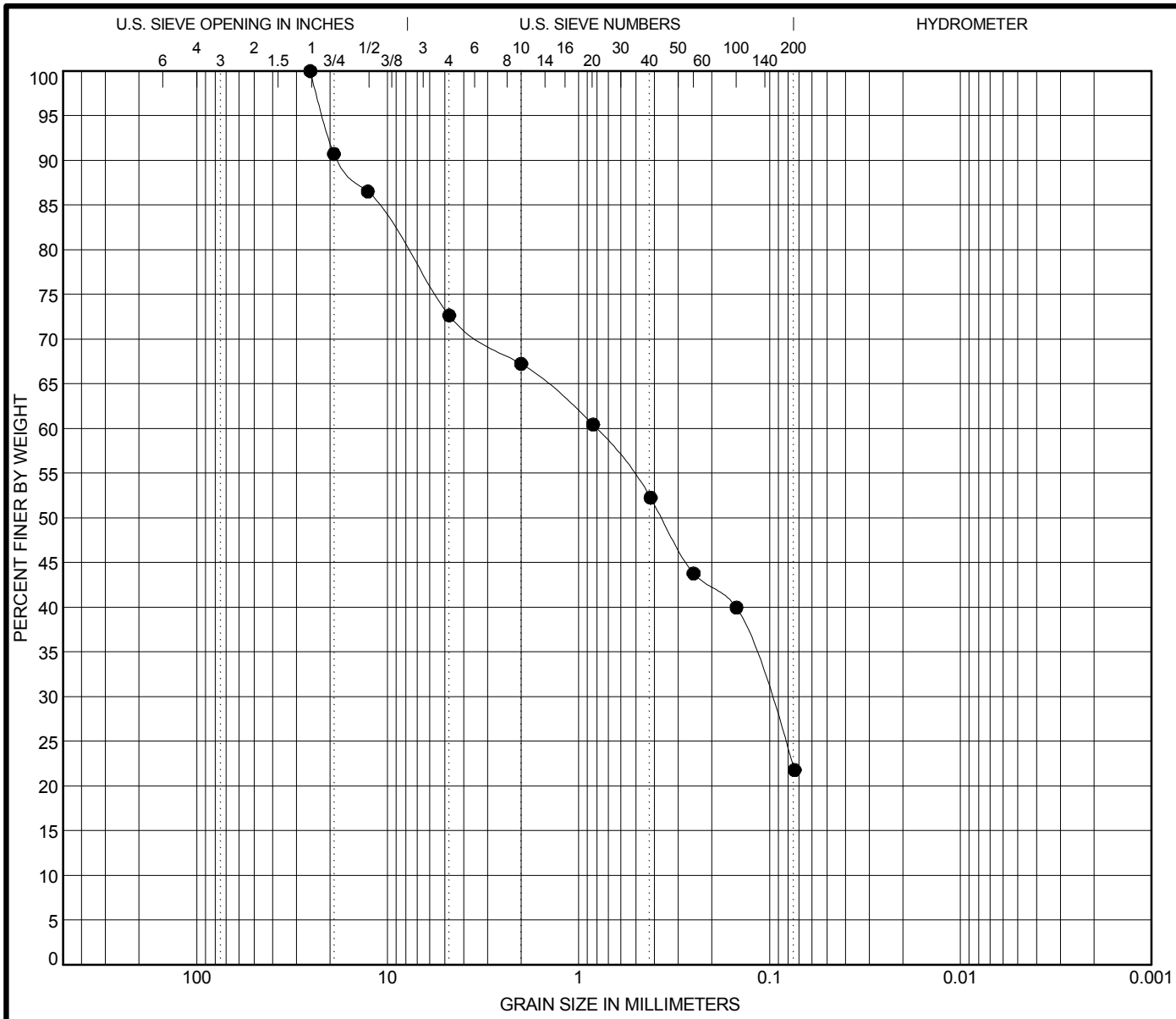
HALEY & ALDRICH
Rocky Hill, Connecticut

New Science & Engineering Building
University of Connecticut, Storrs, Connecticut

GRAIN SIZE DISTRIBUTION

Date: 2/14/2014 File No.: 36190-000

H&A SIEVE USCS LABTEMP.GDT G:\36190_UCONN_ENG\000\LAB\2014-0214 SIEVES 36190-000.GPJ Feb 24, 14



	COBBLES	% GRAVEL		% SAND			% FINES	
		COARSE	FINE	COARSE	MEDIUM	FINE	% SILT	% CLAY
●		**9.3**	**18.1**	**5.4**	**15.0**	**30.5**	**21.8**	

	Expl. No.	Sample No.	Depth (ft.)	LL	PL	PI	Water Content (%)	Cc	Cu
●	**B5**	**S5**	**10-12**				**14.8**		

Sample Description

● **Orange-brown silty SAND, some gravel, some cobble fragments**

Remarks:

HALEY & ALDRICH
Rocky Hill, Connecticut

New Science & Engineering Building
University of Connecticut, Storrs, Connecticut

GRAIN SIZE DISTRIBUTION

Date: 2/14/2014 File No.: 36190-000

H&A SIEVE USCS LABTEMP.GDT G:\36190_UCONN_ENG\000\LAB\2014-0214 SIEVES 36190-000.GPJ Feb 24, 14

APPENDIX E

Environmental Data Resources Report

Uconn Sciene & Engineering Building
181 Auditorium Road
Storrs Mansfield, CT 06269

Inquiry Number: 03855939.2r
February 14, 2014

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

181 AUDITORIUM ROAD
STORRS MANSFIELD, CT 06269

COORDINATES

Latitude (North):	41.8102000 - 41˚ 48' 36.72''
Longitude (West):	72.2541000 - 72˚ 15' 14.76''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	728099.6
UTM Y (Meters):	4632135.5
Elevation:	598 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	41072-G3 COVENTRY, CT
Most Recent Revision:	1983
East Map:	41072-G2 SPRING HILL, CT
Most Recent Revision:	1983

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2012
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
CENTRAL WAREHOUSE 181 AUDITORIUM ROAD MANSFIELD, CT	FINDS	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ..... National Priority List
Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

CERCLIS ..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-CESQG ..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls
LUCIS ..... Land Use Control Information System

Federal ERNS list

ERNS ..... Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

CT SWF/LF ..... List of Landfills/Transfer Stations

State and tribal leaking storage tank lists

INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

CT AST ..... Marine Terminals and Tank Information
INDIAN UST ..... Underground Storage Tanks on Indian Land
FEMA UST ..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

CT ENG CONTROLS ..... Engineering Controls Listing

State and tribal voluntary cleanup sites

CT VCP ..... Voluntary Remediation Sites
INDIAN VCP ..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

CT BROWNFIELDS ..... Brownfields Inventory

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI ..... Open Dump Inventory
DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
CT SWRCY ..... Recycling Facilities
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ..... Clandestine Drug Labs
CT CDL ..... Clandestine Drug Lab Listing
US HIST CDL ..... National Clandestine Laboratory Register

Local Land Records

LIENS 2 ..... CERCLA Lien Information
CT LIENS ..... Environmental Liens Listing

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
CT SPILLS 90 ..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

DOT OPS ..... Incident and Accident Data
DOD ..... Department of Defense Sites
FUDS ..... Formerly Used Defense Sites

EXECUTIVE SUMMARY

CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
US MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
RAATS	RCRA Administrative Action Tracking System
RMP	Risk Management Plans
CT LWDS	Connecticut Leachate and Wastewater Discharge Sites
CT DRYCLEANERS	Drycleaner Facilities
CT ENF	Enforcement Case Listing
CT AIRS	Permitted Air Sources Listing
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
CT Financial Assurance	Financial Assurance Information Listing
CT SEH	List of Significant Environmental Hazards Report to DEEP
2020 COR ACTION	2020 Corrective Action Program List
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
PRP	Potentially Responsible Parties
US FIN ASSUR	Financial Assurance Information
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
COAL ASH DOE	Steam-Electric Plant Operation Data
EPA WATCH LIST	EPA WATCH LIST

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
EDR US Hist Auto Stat	EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners	EDR Exclusive Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 09/10/2013 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNIVERSITY OF CT E H & S	***3102 HORSEBARN HILL RD***	***WSW 1/8 - 1/4 (0.157 mi.)***	***B11***	***54***

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 09/10/2013 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNIVERSITY OF CT DEPOT CAMPUS	DEPOT CAMPUS RT 44	SSE 1/8 - 1/4 (0.203 mi.)	D16	94

State- and tribal - equivalent CERCLIS

CT SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Protection's Inventory of Hazardous Disposal Sites.

A review of the CT SHWS list, as provided by EDR, and dated 04/23/2010 has revealed that there is 1 CT SHWS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DAIRY MART	***NORTH EAGLEVILLE ROAD***	***WNW 1/2 - 1 (0.750 mi.)***	***29***	***135***

EXECUTIVE SUMMARY

CT SDADB: Site Discovery and Assessment Database.

A review of the CT SDADB list, as provided by EDR, and dated 04/23/2010 has revealed that there are 3 CT SDADB sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UCONN FOUNDATION OFFICE BUILDI	***ALUMNI ROAD***	***SSE 1/8 - 1/4 (0.203 mi.)***	***D14***	***89***
SNET	***1298 STORRS ROAD***	***ESE 1/4 - 1/2 (0.486 mi.)***	***28***	***132***

Lower Elevation	Address	Direction / Distance	Map ID	Page
HIRSCH PROPERTY	153 NORTH EAGLEVILLE RO	WSW 1/4 - 1/2 (0.444 mi.)	G27	130

State and tribal leaking storage tank lists

CT LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Protection's Leaking Underground Storage Tank List.

A review of the CT LUST list, as provided by EDR, and dated 10/31/2013 has revealed that there are 7 CT LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UCONN GLENNBROOK ROAD	***GLENNBROOK ROAD***	***SSE 1/8 - 1/4 (0.203 mi.)***	***D15***	***91***
UCONN PHYSICS DEPT. BUILDING	***N. EAGLEVILL RD.***	***SSE 1/8 - 1/4 (0.203 mi.)***	***D17***	***105***
UCONN GEOPHYSICS BLDG	***UCONN CAMPUS***	***SSE 1/8 - 1/4 (0.203 mi.)***	***D18***	***108***
UCONN PUMPING STATION	***FENTON RIVER***	***SSE 1/8 - 1/4 (0.203 mi.)***	***D19***	***111***
UCONN MOTOR POOL	***NORTH EAGLEVILLE RD.***	***ENE 1/8 - 1/4 (0.214 mi.)***	***20***	***114***

Lower Elevation	Address	Direction / Distance	Map ID	Page
UCONN FIRE DEPARTMENT	***126 NORTH EAGLEVILLE RO***	***W 1/4 - 1/2 (0.345 mi.)***	***25***	***120***
PAROUSIA PRESS (FORMER DRY CLE	***153 NORTH EAGLEVILLE RD***	***WSW 1/4 - 1/2 (0.444 mi.)***	***G26***	***127***

State and tribal registered storage tank lists

CT UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Protection's "Town Inventory" UST Listing.

A review of the CT UST list, as provided by EDR, and dated 12/02/2013 has revealed that there are 7 CT UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UCONN POWER PLANT	189 AUDITORIUM RD	WSW 1/8 - 1/4 (0.157 mi.)	B9	41
JORGENSEN AUDITORIUM, UNIT 310	2132 HILLSIDE RD	SSW 1/8 - 1/4 (0.196 mi.)	C12	86
UCONN PSYCHOLOGY BUILDING	406 BABBIDGE RD	SSE 1/8 - 1/4 (0.239 mi.)	E21	117
SENATOR THOMAS J. DODD RESEARC	405 BABBIDGE RD	SSE 1/8 - 1/4 (0.240 mi.)	E22	118
PHARMACY BUILDING	372 FAIRFIELD RD	SSE 1/8 - 1/4 (0.245 mi.)	F23	118
UCONN BABBIDGE LIBRARY TELECOM	371 FAIRFIELD WAY	SSE 1/8 - 1/4 (0.246 mi.)	F24	119

Lower Elevation	Address	Direction / Distance	Map ID	Page
UCONN - TORREY LIFE SCIENCES B	75 N EAGLEVILLE RD	WNW 1/8 - 1/4 (0.143 mi.)	6	35

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/10/2013 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNIVERSITY OF CONNECTICUT - MA	***233 GLENBROOK ROAD***	***E 0 - 1/8 (0.089 mi.)***	***A4***	***13***

CT MANIFEST: Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

A review of the CT MANIFEST list, as provided by EDR, and dated 07/30/2013 has revealed that there are 6 CT MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KONOVER CONSTRUCTION	267 GLENBROOK RD	S 0 - 1/8 (0.086 mi.)	2	8
UNIVERSITY OF CONNECTICUT	233 GLENBROOK RD	E 0 - 1/8 (0.089 mi.)	A3	9
UNIVERSITY OF COONNECTICUT	189 189 AUDITORIUM RD	WSW 1/8 - 1/4 (0.157 mi.)	B7	35
UNIVERSITY OF CT	189 AUDITORIUM RD	WSW 1/8 - 1/4 (0.157 mi.)	B8	38
UNIVERSITY OF CONN	189 AUDITORIUM RD	WSW 1/8 - 1/4 (0.157 mi.)	B10	46
UNIVERSITY OFONNECTICUT	***2095 HILLSIDE RD***	***SSW 1/8 - 1/4 (0.198 mi.)***	***C13***	***87***

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 07/30/2013 has revealed that there is 1 NJ MANIFEST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNIVERSITY OF CT E H & S	***3102 HORSEBARN HILL RD***	***WSW 1/8 - 1/4 (0.157 mi.)***	***B11***	***54***

RI MANIFEST: Hazardous waste manifest information

A review of the RI MANIFEST list, as provided by EDR, and dated 07/30/2013 has revealed that there is 1 RI MANIFEST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNIVERSITY OF CT E H & S	***3102 HORSEBARN HILL RD***	***WSW 1/8 - 1/4 (0.157 mi.)***	***B11***	***54***

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 07/30/2013 has revealed that there are 2 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNIVERSITY OF CONNECTICUT	*233 GLENBROOK RD U-97*	*E 0 - 1/8 (0.089 mi.)*	*A5*	*18*
UNIVERSITY OF CT E H & S	*3102 HORSEBARN HILL RD*	*WSW 1/8 - 1/4 (0.157 mi.)*	*B11*	*54*

CT CPCS: A list of Contaminated or Potentially Contaminated Sites within Connecticut. This list represents the "Hazardous Waste Facilities," as defined in Section 22a-134f of the Connecticut General Statutes (CGS). The list contains the following types of sites: Sites listed on the Inventory of Hazardous Waste Disposal Sites; Sites subject to the Property Transfer Act; Sites at which underground storage tanks are known to have leaked; Sites at which hazardous waste subject to the RCRA; Sites that are included in EPA's (CERCLIS); Sites that are the subject of an order issued by the Commissioner of DEP that requires investigation and remediation of a potential or known source of pollution; and Sites that have entered into one of the Department's Voluntary Remediation Programs.

A review of the CT CPCS list, as provided by EDR, and dated 07/12/2013 has revealed that there are 6 CT CPCS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UCONN GLENNBROOK ROAD	*GLENNBROOK ROAD*	*SSE 1/8 - 1/4 (0.203 mi.)*	*D15*	*91*
UCONN PHYSICS DEPT. BUILDING	*N. EAGLEVILL RD.*	*SSE 1/8 - 1/4 (0.203 mi.)*	*D17*	*105*
UCONN GEOPHYSICS BLDG	*UCONN CAMPUS*	*SSE 1/8 - 1/4 (0.203 mi.)*	*D18*	*108*
UCONN PUMPING STATION	*FENTON RIVER*	*SSE 1/8 - 1/4 (0.203 mi.)*	*D19*	*111*
UCONN MOTOR POOL	*NORTH EAGLEVILLE RD.*	*ENE 1/8 - 1/4 (0.214 mi.)*	*20*	*114*

Lower Elevation	Address	Direction / Distance	Map ID	Page
PAROUSIA PRESS (FORMER DRY CLE	*153 NORTH EAGLEVILLE RD*	*WSW 1/4 - 1/2 (0.444 mi.)*	*G26*	*127*

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

CT RGA HWS: The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists.

A review of the CT RGA HWS list, as provided by EDR, has revealed that there is 1 CT RGA HWS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DAIRY MART	*NORTH EAGLEVILLE ROAD*	*WNW 1/2 - 1 (0.750 mi.)*	*29*	*135*

EXECUTIVE SUMMARY

CT RGA LUST: The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists.

A review of the CT RGA LUST list, as provided by EDR, has revealed that there are 7 CT RGA LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UCONN GLENNBROOK ROAD	*GLENNBROOK ROAD*	*SSE 1/8 - 1/4 (0.203 mi.)*	*D15*	*91*
UCONN PHYSICS DEPT. BUILDING	*N. EAGLEVILL RD.*	*SSE 1/8 - 1/4 (0.203 mi.)*	*D17*	*105*
UCONN GEOPHYSICS BLDG	*UCONN CAMPUS*	*SSE 1/8 - 1/4 (0.203 mi.)*	*D18*	*108*
UCONN PUMPING STATION	*FENTON RIVER*	*SSE 1/8 - 1/4 (0.203 mi.)*	*D19*	*111*
UCONN MOTOR POOL	*NORTH EAGLEVILLE RD.*	*ENE 1/8 - 1/4 (0.214 mi.)*	*20*	*114*

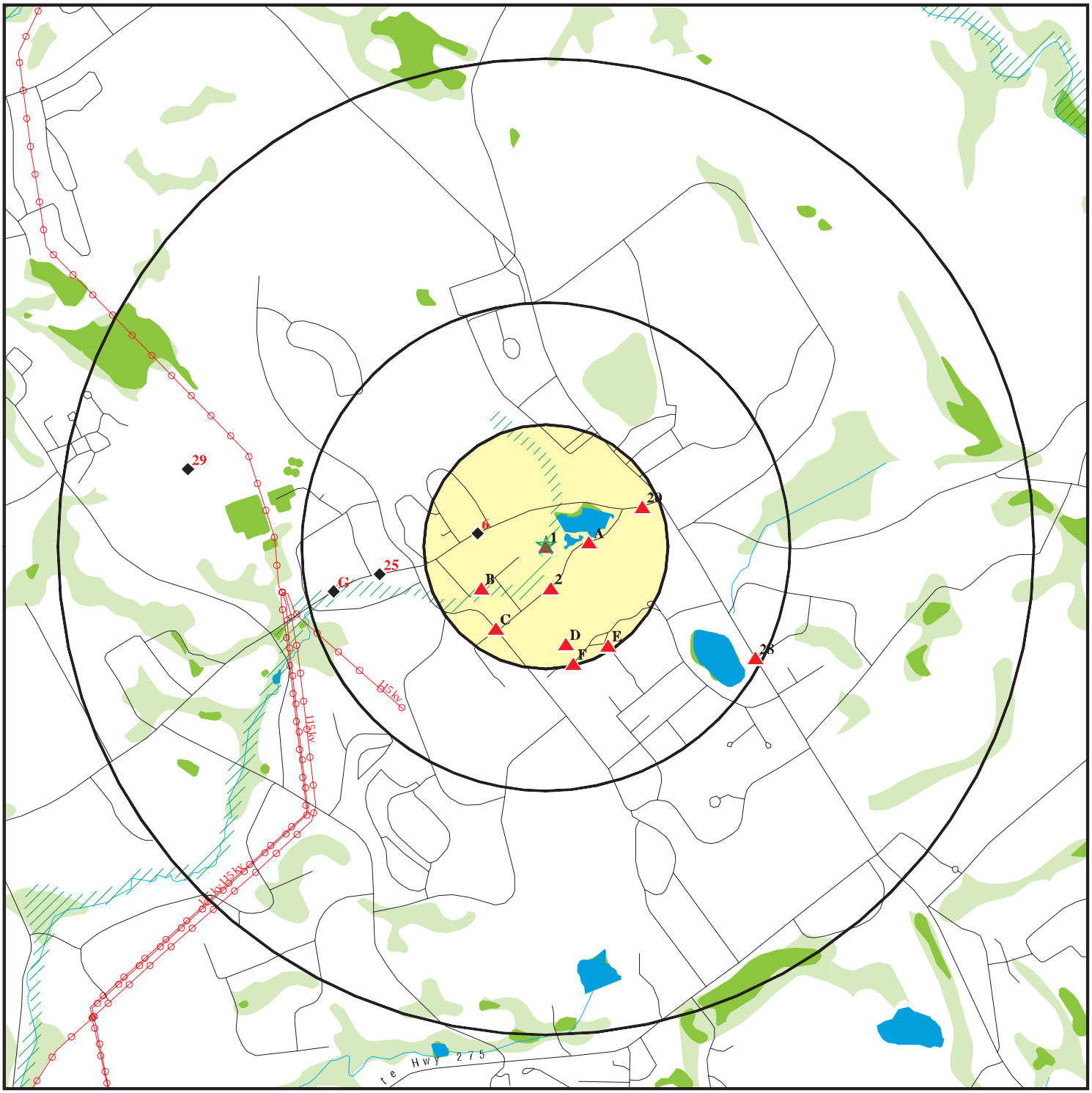
Lower Elevation	Address	Direction / Distance	Map ID	Page
UCONN FIRE DEPARTMENT	*126 NORTH EAGLEVILLE RO*	*W 1/4 - 1/2 (0.345 mi.)*	*25*	*120*
PAROUSIA PRESS (FORMER DRY CLE	*153 NORTH EAGLEVILLE RD*	*WSW 1/4 - 1/2 (0.444 mi.)*	*G26*	*127*

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 25 records.

Site Name	Database(s)
ROSAL'S APARTMENTS	CT LUST, CT RGA LUST, CT CPCS
UCONN	CT LUST, CT CPCS
MANSFIELD FIRE DEPT.	CT LUST, CT RGA LUST, CT CPCS
STORRS TEXACO	CT CPCS
UCONN FACILITIES MANAGEMENT	CT CPCS
EXTRA MART	CT MANIFEST
KEYON OIL CO	CT MANIFEST
CITY LINE GULF	CT MANIFEST
MANSFIELD TOWN OF	CT MANIFEST
MANSFIELD TRANSFER STATION	CT MANIFEST
MANSFIELD X-TRA MART	CT MANIFEST
RENWOOD MANSFIELD ASSOCIATES	NY MANIFEST
C V S	CT MANIFEST
UNIVERSITY OFT LONGLEY BLDG	CT MANIFEST
UNIV OFONNECTICUT LONGLEY BLDG	CT MANIFEST
C V S 0785	CT MANIFEST
C V S 0785	CT MANIFEST
RALPHROOPNICK	CT MANIFEST
CVS	NY MANIFEST
REPUBLIC OIL CO INC	CT MANIFEST
UNIVERSITY OFT LONGLEY BLDG	CT MANIFEST
UCONN FACILITIES MANAGEMENT	CT LUST, CT RGA LUST
EXXON, 3-5795	CT UST
BECKER CONSTRUCTION CO.	US MINES
	CT RGA LUST

OVERVIEW MAP - 03855939.2r



0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Uconn Sciene & Engineering Building	CLIENT: Haley & Aldrich, Inc.
ADDRESS: 181 Auditorium Road Storrs Mansfield CT 06269	CONTACT: Jen Buchanon INQUIRY #: 03855939.2r
LAT/LONG: 41.8102 / 72.2541	DATE: February 14, 2014 9:37 am

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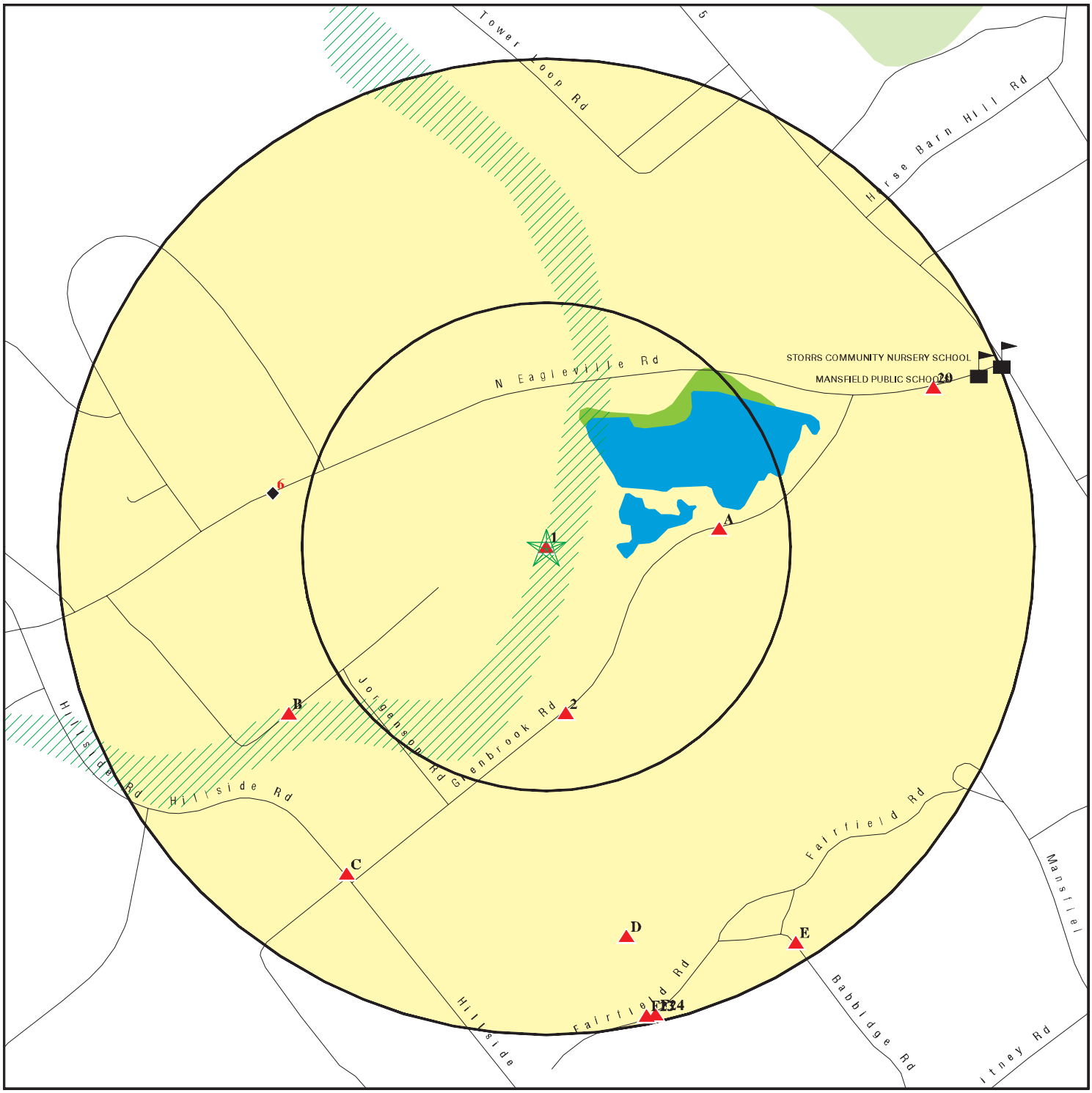
DETAIL MAP - 03855939.2r



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Uconn Sciene & Engineering Building	CLIENT: Haley & Aldrich, Inc.
ADDRESS: 181 Auditorium Road Storrs Mansfield CT 06269	CONTACT: Jen Buchanon INQUIRY #: 03855939.2r
LAT/LONG: 41.8102 / 72.2541	DATE: February 14, 2014 9:38 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		0	1	NR	NR	NR	1
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
CT SHWS	1.000		0	0	0	1	NR	1
CT SDADB	0.500		0	1	2	NR	NR	3
State and tribal landfill and/or solid waste disposal site lists								
CT SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
CT LUST	0.500		0	5	2	NR	NR	7
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
CT UST	0.250		0	7	NR	NR	NR	7

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CT AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
CT ENG CONTROLS	0.500		0	0	0	NR	NR	0
CT AUL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
CT VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
CT BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
CT SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
CT CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
CT LIENS	TP		NR	NR	NR	NR	NR	0
CT PROPERTY	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CT SPILLS	TP		NR	NR	NR	NR	NR	0
CT SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	0	NR	NR	NR	1
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CT LWDS	0.250		0	0	NR	NR	NR	0
CT MANIFEST	0.250		2	4	NR	NR	NR	6
NJ MANIFEST	0.250		0	1	NR	NR	NR	1
RI MANIFEST	0.250		0	1	NR	NR	NR	1
NY MANIFEST	0.250		1	1	NR	NR	NR	2
CT DRYCLEANERS	0.250		0	0	NR	NR	NR	0
CT ENF	TP		NR	NR	NR	NR	NR	0
CT NPDES	TP		NR	NR	NR	NR	NR	0
CT AIRS	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
CT Financial Assurance	TP		NR	NR	NR	NR	NR	0
CT SEH	0.500		0	0	0	NR	NR	0
CT CPCS	0.500		0	5	1	NR	NR	6
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
CT RGA HWS	1.000		0	0	0	1	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CT RGA LUST	0.500		0	5	2	NR	NR	7

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
Target
Property

CENTRAL WAREHOUSE
181 AUDITORIUM ROAD
MANSFIELD, CT

FINDS **1014872537**
N/A

FINDS:

Actual:
598 ft.

Registry ID: 110044121704

Environmental Interest/Information System
Connecticut Site Information Management System (SIMS) is part of a suite of web-based applications designed to allow the Connecticut Department of Environmental Protection (DEP) staff to harmonize environmental interest information from disparate systems in a single agency-wide data repository (known as CFI). SIMS provides tools for identifying and resolving duplicate data, querying data (using both tabular and geospatial methods), and viewing/maintaining documents associated to the data.

2
South
< 1/8
0.086 mi.
452 ft.

KONOVER CONSTRUCTION
267 GLENBROOK RD
STORRS, CT 06269

CT MANIFEST **S109754352**
N/A

Relative:
Higher

Actual:
607 ft.

CT MANIFEST:

Waste:

Manifest No:	CTF1094355
Year:	2005
Waste Occurence:	1
UNNA:	1230
Hazard Class:	3
US Dot Description:	METHANOL
No of Containers:	001
Container Type:	DM
Quantity:	40
Weight/Volume:	G
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2006-08-04 00:00:00
DEO Who Last Modified Record:	DMG

Waste CD:

Manifest No:	CTF1094355
Year:	2005
Waste Occurence:	1
EPA Waste Code:	U154
Recycled Waste?:	False
Date Record Was Last Modified:	2006-08-04 00:00:00
DEO Who Last Modified Record:	DMG

Detail:

Year:	2005
Manifest ID:	CTF1094355
TSDF EPA ID:	RID040098352
TSDF Name:	NORTHLAND ENVIRONMENTAL INC.
TSDF Address:	275 ALLENS AVE
TSDF City,St,Zip:	PROVIDENCE, RI 02905

KONOVER CONSTRUCTION (Continued) **S109754352**

TSDF Country:	USA
TSDF Telephone:	4017816340
Transport Date:	05/17/2005
Transporter EPA ID:	CTD018811802
Transporter Name:	ENVIRONMENTAL SERVICES, INC.
Transporter Country:	USA
Transporter Phone:	(860)528-9500
Trans 2 Date:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
EPA ID:	CTP000028685
Generator Phone:	(860)463-1900
Generator Mailing Addr:	16 MUNSON RD
Generator Mailing Town:	FARMINGTON
Generator Mailing State:	CT
Generator Mailing Zip:	06032-
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	05/17/2005
Date Received:	Not reported
Last modified date:	08/04/2006
Last modified by:	DMG
Comments:	Not reported

A3 **UNIVERSITY OF CONNECTICUT** **CT MANIFEST** **S109728584**
East **233 GLENBROOK RD** **N/A**
< 1/8 **STORRS, CT 06269**
0.089 mi.
470 ft. **Site 1 of 3 in cluster A**

Relative:
Higher

Actual:
610 ft.

CT MANIFEST:

Waste:

Manifest No:	Not reported
Year:	Not reported
Waste Occurence:	Not reported
UNNA:	Not reported
Hazard Class:	Not reported
US Dot Description:	Not reported
No of Containers:	Not reported
Container Type:	Not reported
Quantity:	Not reported
Weight/Volume:	Not reported
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	Not reported
DEO Who Last Modified Record:	Not reported

Waste CD:

Manifest No:	Not reported
Year:	Not reported
Waste Occurence:	Not reported

UNIVERSITY OF CONNECTICUT (Continued) **S109728584**

EPA Waste Code:	Not reported
Recycled Waste?:	Not reported
Date Record Was Last Modified:	Not reported
DEO Who Last Modified Record:	Not reported

Detail:

Year:	2007
Manifest ID:	001135371FLE
TSDF EPA ID:	NCD000648451
TSDF Name:	CLEAN HARBORS REIDSVILLE LLC
TSDF Address:	208 WATLINGTON INDUSTRIAL DR
TSDF City,St,Zip:	REIDSVILLE, NC 27320-
TSDF Country:	USA
TSDF Telephone:	(336)342-6160
Transport Date:	08/02/2007
Transporter EPA ID:	MAD039322250
Transporter Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Transporter Country:	USA
Transporter Phone:	(781)792-5000
Trans 2 Date:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
EPA ID:	CTD077309300
Generator Phone:	8604863613
Generator Mailing Addr:	3102 HORSEBARN HILL RD UNIT 4097
Generator Mailing Town:	STORRS
Generator Mailing State:	CT
Generator Mailing Zip:	06269
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	08/02/2007
Date Received:	08/03/2007
Last modified date:	11/05/2012
Last modified by:	CYF
Comments:	Not reported

Waste:

Manifest No:	MAK006395
Year:	1997
Waste Occurence:	1
UNNA:	3077
Hazard Class:	9
US Dot Description:	ENVIRONMENTALLY HAZ. SUBSTANCES,SOLID
No of Containers:	006
Container Type:	DM
Quantity:	2500
Weight/Volume:	P
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-26 00:00:00

UNIVERSITY OF CONNECTICUT (Continued) **S109728584**

DEO Who Last Modified Record: IG

Waste CD:

Manifest No:	MAK006395
Year:	1997
Waste Occurence:	1
EPA Waste Code:	D008
Recycled Waste?:	False
Date Record Was Last Modified:	2004-04-26 00:00:00
DEO Who Last Modified Record:	IG

Detail:

Year:	1997
Manifest ID:	MAK006395
TSDF EPA ID:	MAD019371079
TSDF Name:	GENERAL CHEMICAL CORP
TSDF Address:	133 LELAND ST
TSDF City,St,Zip:	FRAMINGHAM, MA 01701
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	07/23/1997
Transporter EPA ID:	MAD019371079
Transporter Name:	GENERAL CHEMICAL CORP
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
EPA ID:	CTD077309300
Generator Phone:	2034864564
Generator Mailing Addr:	189 AUDITORIUM RD
Generator Mailing Town:	STORRS
Generator Mailing State:	CT
Generator Mailing Zip:	06269
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	07/23/1997
Date Received:	Not reported
Last modified date:	04/26/2004
Last modified by:	IG
Comments:	Not reported

Waste:

Manifest No:	CTA0073181
Year:	1985
Waste Occurence:	1
UNNA:	2815
Hazard Class:	ORM-E
US Dot Description:	WASTE POLYCHLORINATED BIPHENYLS
No of Containers:	001

UNIVERSITY OF CONNECTICUT (Continued) **S109728584**

Container Type:	TP
Quantity:	10100
Weight/Volume:	P
Additional Description:	Y
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	CTA0073181
Year:	1985
Waste Occurence:	1
EPA Waste Code:	B006
Recycled Waste?:	False
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Detail:

Year:	1985
Manifest ID:	CTA0073181
TSDF EPA ID:	NYD049836679
TSDF Name:	SCA CHEMICAL SEVICES INC
TSDF Address:	1550 BALMER RD
TSDF City,St,Zip:	MODEL CITY, NY 14107
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	11/02/1985
Transporter EPA ID:	NYD049836679
Transporter Name:	SCA CHEMICAL SEVICES, INC.,
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
EPA ID:	CTD077309300
Generator Phone:	2034864564
Generator Mailing Addr:	RT195 U 70
Generator Mailing Town:	STORRS
Generator Mailing State:	CT
Generator Mailing Zip:	06286
Generator Mailing Country:	USA
Special Handling:	Yes
Discrepancies:	Not reported
Date Shipped:	11/02/1985
Date Received:	Not reported
Last modified date:	04/27/2004
Last modified by:	IG
Comments:	Not reported

A4 East < 1/8 0.089 mi. 470 ft. | **UNIVERSITY OF CONNECTICUT - MAIN CAMPUS** | **RCRA NonGen / NLR** | **1015757337**
233 GLENBROOK ROAD | **PADS** | **CTD077309300**
STORRS, CT 06269

Site 2 of 3 in cluster A

Relative: Higher

Actual: 610 ft.

RCRA NonGen / NLR:

Date form received by agency:	10/28/2002
Facility name:	UNIVERSITY OF CONNECTICUT - MAIN CAMPUS
Facility address:	233 GLENBROOK ROAD STORRS, CT 06269
EPA ID:	CTD077309300
Mailing address:	3102 HORSEBARN HILL ROAD UNIT 4097 STORRS, CT 06269
Contact:	STEFAN WAWZYNIECKI
Contact address:	3102 HORSEBARN HILL RD BOX U97 STORRS, CT 062694097
Contact country:	US
Contact telephone:	(860) 486-3613
Contact email:	Not reported
EPA Region:	01
Land type:	State
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	STATE OF CONNECTICUT
Owner/operator address:	OWNERSTREET OWNERCITY, CT 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(203) 555-1212
Legal status:	State
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	02/25/2002
Facility name:	UNIVERSITY OF CONNECTICUT - MAIN CAMPUS
Classification:	Small Quantity Generator

UNIVERSITY OF CONNECTICUT - MAIN CAMPUS (Continued) **1015757337**

Date form received by agency: 07/21/2000
Facility name: UNIVERSITY OF CONNECTICUT - MAIN CAMPUS
Classification: Not a generator, verified

Date form received by agency: 02/15/2000
Facility name: UNIVERSITY OF CONNECTICUT - MAIN CAMPUS
Site name: UNIVERSITY OF CONNECTICUT
Classification: Large Quantity Generator

Date form received by agency: 02/27/1998
Facility name: UNIVERSITY OF CONNECTICUT - MAIN CAMPUS
Site name: UNIVERSITY OF CONNECTICUT
Classification: Large Quantity Generator

Date form received by agency: 02/25/1994
Facility name: UNIVERSITY OF CONNECTICUT - MAIN CAMPUS
Site name: UNIV. OF CONN.
Classification: Large Quantity Generator

Date form received by agency: 02/14/1992
Facility name: UNIVERSITY OF CONNECTICUT - MAIN CAMPUS
Site name: UNIVERSITY OF CT
Classification: Large Quantity Generator

Date form received by agency: 02/28/1990
Facility name: UNIVERSITY OF CONNECTICUT - MAIN CAMPUS
Site name: UNIVERSITY OF CT
Classification: Large Quantity Generator

Date form received by agency: 10/18/1982
Facility name: UNIVERSITY OF CONNECTICUT - MAIN CAMPUS
Site name: UNIVERSITY OF CONNECTICUT
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Facility Has Received Notices of Violations:
Regulation violated: SR - 102(a)
Area of violation: Generators - Pre-transport
Date violation determined: 01/22/1996
Date achieved compliance: 08/11/2000
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/23/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 86225
Paid penalty amount: Not reported

UNIVERSITY OF CONNECTICUT - MAIN CAMPUS (Continued) **1015757337**

Regulation violated: SR - 102(a)
Area of violation: Generators - General
Date violation determined: 01/22/1996
Date achieved compliance: 08/11/2000
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/23/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 86225
Paid penalty amount: Not reported

Regulation violated: SR - 102(b)
Area of violation: Generators - Pre-transport
Date violation determined: 01/22/1996
Date achieved compliance: 08/11/2000
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/23/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 86225
Paid penalty amount: Not reported

Regulation violated: SR - 22a-449(c)-102(a)(1)
Area of violation: Generators - General
Date violation determined: 09/19/1994
Date achieved compliance: 08/11/2000
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/23/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 86225
Paid penalty amount: Not reported

Regulation violated: SR - 22a-449(c)-102(a)(2)(D)
Area of violation: Generators - Pre-transport
Date violation determined: 09/19/1994
Date achieved compliance: 08/11/2000
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/23/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 86225
Paid penalty amount: Not reported

Regulation violated: SR - 22a-449(c)-102(a)

UNIVERSITY OF CONNECTICUT - MAIN CAMPUS (Continued) **1015757337**

Area of violation: Generators - Pre-transport
Date violation determined: 09/19/1994
Date achieved compliance: 08/11/2000
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/23/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 86225
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/02/1984
Date achieved compliance: 09/19/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 10/28/2002
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/11/2000
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/23/1997
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/22/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 08/11/2000
Evaluation lead agency: State

Evaluation date: 01/22/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/11/2000
Evaluation lead agency: State

UNIVERSITY OF CONNECTICUT - MAIN CAMPUS (Continued) **1015757337**

Evaluation date:	09/19/1994
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	08/11/2000
Evaluation lead agency:	State

Evaluation date:	09/19/1994
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - Pre-transport
Date achieved compliance:	08/11/2000
Evaluation lead agency:	State

Evaluation date:	09/19/1994
Evaluation:	SIGNIFICANT NON-COMPLIER
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State

Evaluation date:	04/02/1984
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	09/19/1994
Evaluation lead agency:	State

PADS:

EPAID:	CTD077309300
Facility name:	UNIV OF CT ENV HLTH & SFTY LAB
Facility Address:	HORSEBARN HILL RD STORRS, CT 6269
Facility country:	US
Generator:	Yes
Storer:	No
Transporter:	No
Disposer:	No
Research facility:	No
Smelter:	No
Facility owner name:	CONNECTICUT STATE OF
Contact title:	Not reported
Contact name:	LABATO FRANK J
Contact tel:	(203)486-3613
Contact extension:	Not reported
Mailing address:	606 GILBERT RD BOX U 97 STORRS, CT 06269-1097
Mailing country:	US
Cert. title:	Not reported
Cert. name:	Not reported
Cert. date:	06/12/1990
Date received:	06/28/1990

A5 East < 1/8 0.089 mi. 470 ft. | **UNIVERSITY OF CONNECTICUT**
233 GLENBROOK RD U-97
STORRS MANSFIELD, CT | **FINDS**
NY MANIFEST | **1000840974**
N/A

Site 3 of 3 in cluster A

Relative: Higher

Actual: 610 ft.

FINDS:

Registry ID: 110000786971

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

NY MANIFEST:

EPA ID:	CTD077309300
Country:	USA
Mailing Name:	UNIVERSITY OF CONNECTICUT
Mailing Contact:	UNIVERSITY OF CONNECTICUT
Mailing Address:	606 GILBERT ROAD
Mailing Address 2:	Not reported
Mailing City:	STORRS
Mailing State:	CT
Mailing Zip:	06268
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	203-486-4800

Document ID:	NYA3811612
Manifest Status:	Completed copy
Trans1 State ID:	NJXJ-71JG
Trans2 State ID:	Not reported
Generator Ship Date:	860702
Trans1 Recv Date:	860702
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860702

UNIVERSITY OF CONNECTICUT (Continued) **1000840974**

Part A Recv Date:	860715
Part B Recv Date:	860715
Generator EPA ID:	CTD077309300
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	01082
Units:	P - Pounds
Number of Containers:	029
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00082
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00020
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00006
Units:	P - Pounds
Number of Containers:	006
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	86

Document ID:	NYA3811601
Manifest Status:	Completed copy
Trans1 State ID:	NJXJ-71JG
Trans2 State ID:	Not reported
Generator Ship Date:	860626
Trans1 Recv Date:	860626
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860627
Part A Recv Date:	860703
Part B Recv Date:	860710
Generator EPA ID:	CTD077309300
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	01100
Units:	P - Pounds
Number of Containers:	008
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.

UNIVERSITY OF CONNECTICUT (Continued) **1000840974**

Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00005
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	01080
Units:	P - Pounds
Number of Containers:	027
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00008
Units:	P - Pounds
Number of Containers:	008
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	86

Document ID:	NYA3131640
Manifest Status:	Completed copy
Trans1 State ID:	NJXJ69JG
Trans2 State ID:	Not reported
Generator Ship Date:	871028
Trans1 Recv Date:	871028
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	871029
Part A Recv Date:	871104
Part B Recv Date:	871104
Generator EPA ID:	CTD077309300
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00330
Units:	P - Pounds
Number of Containers:	011
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00150
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00060
Units:	P - Pounds
Number of Containers:	002

UNIVERSITY OF CONNECTICUT (Continued) **1000840974**

Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00180
Units:	P - Pounds
Number of Containers:	006
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	87

Document ID:	NYA2021715
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJXXN-63B
Trans2 State ID:	Not reported
Generator Ship Date:	850305
Trans1 Recv Date:	850305
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	850305
Part A Recv Date:	850822
Part B Recv Date:	850325
Generator EPA ID:	CTD077309300
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	01160
Units:	P - Pounds
Number of Containers:	029
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	03360
Units:	P - Pounds
Number of Containers:	021
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00120
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00015
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	85

UNIVERSITY OF CONNECTICUT (Continued) **1000840974**

Document ID:	NYA2023173
Manifest Status:	Completed copy
Trans1 State ID:	NJ-XF60VF
Trans2 State ID:	Not reported
Generator Ship Date:	850418
Trans1 Recv Date:	850418
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	850418
Part A Recv Date:	850426
Part B Recv Date:	850426
Generator EPA ID:	CTD077309300
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	01800
Units:	P - Pounds
Number of Containers:	045
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	01760
Units:	P - Pounds
Number of Containers:	043
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00520
Units:	P - Pounds
Number of Containers:	013
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00020
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	85

Document ID:	NYA3090227
Manifest Status:	Completed copy
Trans1 State ID:	NJXJ-71JG
Trans2 State ID:	Not reported
Generator Ship Date:	861030
Trans1 Recv Date:	861030
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	861030
Part A Recv Date:	861106
Part B Recv Date:	861110
Generator EPA ID:	CTD077309300
Trans1 EPA ID:	NYD049178296

UNIVERSITY OF CONNECTICUT (Continued) **1000840974**

Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00900
Units:	P - Pounds
Number of Containers:	030
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00060
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00005
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00065
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	86

Document ID:	NYA7739523
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	890606
Trans1 Recv Date:	890606
Trans2 Recv Date:	890607
TSD Site Recv Date:	890607
Part A Recv Date:	890613
Part B Recv Date:	890620
Generator EPA ID:	CTD077309300
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	NYD049178296
TSDF ID:	NYD049178296
Waste Code:	F003 - UNKNOWN
Quantity:	00590
Units:	P - Pounds
Number of Containers:	013
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00270
Units:	P - Pounds

UNIVERSITY OF CONNECTICUT (Continued) **1000840974**

Number of Containers:	009
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00020
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00270
Units:	P - Pounds
Number of Containers:	009
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00390
Units:	P - Pounds
Number of Containers:	013
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	D004 - ARSENIC 5.0 MG/L TCLP
Quantity:	00025
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	89

Document ID:	NYG3071718
Manifest Status:	Not reported
Trans1 State ID:	CTD983896341
Trans2 State ID:	Not reported
Generator Ship Date:	12/04/2001
Trans1 Recv Date:	12/04/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/07/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CTD077309300
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	17764ACT
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00100
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	2001

UNIVERSITY OF CONNECTICUT (Continued) **1000840974**

Document ID:	NYA3089542
Manifest Status:	Completed copy
Trans1 State ID:	NJXJ70JG
Trans2 State ID:	Not reported
Generator Ship Date:	860515
Trans1 Recv Date:	860515
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860516
Part A Recv Date:	860521
Part B Recv Date:	860523
Generator EPA ID:	CTD077309300
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00400
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	01160
Units:	P - Pounds
Number of Containers:	029
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00080
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00015
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	86

Document ID:	NYA3090418
Manifest Status:	Completed copy
Trans1 State ID:	NJXF-69JG
Trans2 State ID:	Not reported
Generator Ship Date:	860701
Trans1 Recv Date:	860701
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860703
Part A Recv Date:	860708
Part B Recv Date:	860715
Generator EPA ID:	CTD077309300
Trans1 EPA ID:	NYD049178296

UNIVERSITY OF CONNECTICUT (Continued) **1000840974**

Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00011
Units:	P - Pounds
Number of Containers:	011
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00480
Units:	P - Pounds
Number of Containers:	012
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00160
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00025
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	86

Document ID:	NYA3808247
Manifest Status:	Completed copy
Trans1 State ID:	NJXJ71JG
Trans2 State ID:	Not reported
Generator Ship Date:	860306
Trans1 Recv Date:	860306
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860307
Part A Recv Date:	860314
Part B Recv Date:	860318
Generator EPA ID:	CTD077309300
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D003 - NON-LISTED REACTIVE WASTES
Quantity:	00010
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	01120
Units:	P - Pounds

UNIVERSITY OF CONNECTICUT (Continued) **1000840974**

Number of Containers:	014
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00720
Units:	P - Pounds
Number of Containers:	018
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00080
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00010
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00120
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	86

Document ID:	NYA3808247
Manifest Status:	Completed copy
Trans1 State ID:	NJXJ71JG
Trans2 State ID:	Not reported
Generator Ship Date:	860306
Trans1 Recv Date:	860306
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860307
Part A Recv Date:	860314
Part B Recv Date:	860318
Generator EPA ID:	CTD077309300
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00260
Units:	P - Pounds
Number of Containers:	019
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported

UNIVERSITY OF CONNECTICUT (Continued) **1000840974**

Quantity:	00100
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00010
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00120
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00760
Units:	P - Pounds
Number of Containers:	019
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00100
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	86

Document ID:	NYG0081009
Manifest Status:	Not reported
Trans1 State ID:	MOD095038998
Trans2 State ID:	NJD071629976
Generator Ship Date:	02/17/1999
Trans1 Recv Date:	02/17/1999
Trans2 Recv Date:	02/17/1999
TSD Site Recv Date:	02/19/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CTD077309300
Trans1 EPA ID:	NYD000632372
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00010
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.

UNIVERSITY OF CONNECTICUT (Continued) **1000840974**

Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00050
Units:	P - Pounds
Number of Containers:	001
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	99

Document ID:	NYA3090521
Manifest Status:	Completed copy
Trans1 State ID:	NJXJ-70JG
Trans2 State ID:	Not reported
Generator Ship Date:	860813
Trans1 Recv Date:	860813
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860813
Part A Recv Date:	860820
Part B Recv Date:	860822
Generator EPA ID:	CTD077309300
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00400
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	01050
Units:	P - Pounds
Number of Containers:	035
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00020
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00060
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	86

Document ID:	NYA2067174

UNIVERSITY OF CONNECTICUT (Continued) **1000840974**

Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJXXN-63B
Trans2 State ID:	Not reported
Generator Ship Date:	850523
Trans1 Recv Date:	850523
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	850523
Part A Recv Date:	850625
Part B Recv Date:	850625
Generator EPA ID:	CTD077309300
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00600
Units:	P - Pounds
Number of Containers:	015
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00520
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00120
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00005
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	85

Document ID:	NYA3090756
Manifest Status:	Completed copy
Trans1 State ID:	NJXJ-71JG
Trans2 State ID:	Not reported
Generator Ship Date:	871210
Trans1 Recv Date:	871210
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	871211
Part A Recv Date:	871215
Part B Recv Date:	871229
Generator EPA ID:	CTD077309300
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported

UNIVERSITY OF CONNECTICUT (Continued) **1000840974**

TSDF ID:	NYD049178296
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	01120
Units:	P - Pounds
Number of Containers:	028
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00400
Units:	P - Pounds
Number of Containers:	010
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00005
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00360
Units:	P - Pounds
Number of Containers:	009
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00680
Units:	P - Pounds
Number of Containers:	017
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	87

Document ID:	NYA3091915
Manifest Status:	Completed copy
Trans1 State ID:	NYLC5437
Trans2 State ID:	Not reported
Generator Ship Date:	870826
Trans1 Recv Date:	870826
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	870829
Part A Recv Date:	870901
Part B Recv Date:	870909
Generator EPA ID:	CTD077309300
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	01200
Units:	P - Pounds
Number of Containers:	003

UNIVERSITY OF CONNECTICUT (Continued) **1000840974**

Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	01680
Units:	P - Pounds
Number of Containers:	056
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00090
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00270
Units:	P - Pounds
Number of Containers:	009
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00420
Units:	P - Pounds
Number of Containers:	014
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	87

Document ID:	NYA3091926
Manifest Status:	Completed copy
Trans1 State ID:	NJXJ70JG
Trans2 State ID:	Not reported
Generator Ship Date:	871022
Trans1 Recv Date:	871022
Trans2 Recv Date:	871023
TSD Site Recv Date:	871023
Part A Recv Date:	871028
Part B Recv Date:	871030
Generator EPA ID:	CTD077309300
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00800
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	01200

UNIVERSITY OF CONNECTICUT (Continued) **1000840974**

Units:	P - Pounds
Number of Containers:	040
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00150
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00020
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00480
Units:	P - Pounds
Number of Containers:	016
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	U044 - CHLOROFORM
Quantity:	00750
Units:	P - Pounds
Number of Containers:	025
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	87

Document ID:	NYA3091926
Manifest Status:	Completed copy
Trans1 State ID:	NJXJ70JG
Trans2 State ID:	Not reported
Generator Ship Date:	871022
Trans1 Recv Date:	871022
Trans2 Recv Date:	871023
TSD Site Recv Date:	871023
Part A Recv Date:	871028
Part B Recv Date:	871030
Generator EPA ID:	CTD077309300
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	U122 - FORMALDEHYDE
Quantity:	00400
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100

UNIVERSITY OF CONNECTICUT (Continued) **1000840974**

Year:	87

Document ID:	NYA3091893
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJXJ70JG
Trans2 State ID:	Not reported
Generator Ship Date:	870528
Trans1 Recv Date:	870528
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	870529
Part A Recv Date:	870626
Part B Recv Date:	870608
Generator EPA ID:	CTD077309300
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00450
Units:	P - Pounds
Number of Containers:	015
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00120
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00030
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00300
Units:	P - Pounds
Number of Containers:	010
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	87

Click this hyperlink while viewing on your computer to access
19 additional NY_MANIFEST: record(s) in the EDR Site Report.

6
WNW
1/8-1/4
0.143 mi.
753 ft.

UCONN - TORREY LIFE SCIENCES BUILDING
75 N EAGLEVILLE RD
STORRS MANSFIELD, CT 06269

CT UST **U004140755**
N/A

Relative:
Lower

Actual:
597 ft.

UST:

Facility Id:	78-12339
Latitude:	Not reported
Longitude:	Not reported
Owner:	UNIVERSITY OF CONNECTICUT
Owner Address:	31 LEDOYT RD
Owner Address 2:	Not reported
Owner City,St,Zip:	STORRS MANSFIELD, CT 062699014
Tank ID:	12339-1
Compartment ID:	12339-1
Compartment Num:	1
Alt. Tank ID:	A1
Tank Status:	**Permanently Closed**
Tank Material:	Fiberglass Reinforced Plastic
Secondary Material:	Double-Walled
Capacity:	1000
Substance:	Heating Oil
Date Installed:	01/01/1992
Date Last Used:	06/02/2002
Closure Status:	**Tank was Removed From Ground**
Pipe Material:	Other (Specify)
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported

B7
WSW
1/8-1/4
0.157 mi.
827 ft.

UNIVERSITY OF COONNECTICUT
189 189 AUDITORIUM RD
STORRS, CT 06269

Site 1 of 5 in cluster B

CT MANIFEST **S113476561**
N/A

Relative:
Higher

Actual:
600 ft.

CT MANIFEST:

Waste:

Manifest No:	AR486430
Year:	1991
Waste Occurence:	1
UNNA:	2845
Hazard Class:	FLAMMABLE
US Dot Description:	WASTE PYROPHORIC LIQUID, NOS
No of Containers:	001
Container Type:	DF
Quantity:	125
Weight/Volume:	P
Additional Description:	Y
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG
Manifest No:	AR486430
Year:	1991
Waste Occurence:	2
UNNA:	2924

UNIVERSITY OF COONNECTICUT (Continued) **S113476561**

Hazard Class:	FLAMMABLE
US Dot Description:	WASTE FLAMMABLE LIQUID CORROSIVE, NOS
No of Containers:	001
Container Type:	DM
Quantity:	25
Weight/Volume:	P
Additional Description:	Y
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Manifest No:	AR486430
Year:	1991
Waste Occurence:	3
UNNA:	1760
Hazard Class:	CORROSIVE
US Dot Description:	WASTE ACID LIQUID, NOS
No of Containers:	001
Container Type:	DM
Quantity:	30
Weight/Volume:	P
Additional Description:	Y
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Manifest No:	AR486430
Year:	1991
Waste Occurence:	4
UNNA:	1760
Hazard Class:	CORROSIVE
US Dot Description:	WASTE ACID LIQUID, NOS
No of Containers:	001
Container Type:	28
Quantity:	0
Weight/Volume:	P
Additional Description:	Y
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	AR486430
Year:	1991
Waste Occurence:	1
EPA Waste Code:	D001
Recycled Waste?:	False
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Manifest No:	AR486430
Year:	1991
Waste Occurence:	2
EPA Waste Code:	D001
Recycled Waste?:	False
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

UNIVERSITY OF COONNECTICUT (Continued) **S113476561**

Manifest No:	AR486430
Year:	1991
Waste Occurence:	3
EPA Waste Code:	D002
Recycled Waste?:	False
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Manifest No:	AR486430
Year:	1991
Waste Occurence:	4
EPA Waste Code:	D002
Recycled Waste?:	False
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Detail:

Year:	1991
Manifest ID:	AR486430
TSDF EPA ID:	ARD069748192
TSDF Name:	ENSCO INC
TSDF Address:	AMERICAN OIL RD
TSDF City,St,Zip:	EL DORADO, AR 71730
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	05/23/1991
Transporter EPA ID:	NYD046765574
Transporter Name:	PRICE TRUCKING CORP
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
EPA ID:	CTP000012069
Generator Phone:	2034863613
Generator Mailing Addr:	189 189 AUDITORIUM RD
Generator Mailing Town:	STORRS
Generator Mailing State:	CT
Generator Mailing Zip:	06269
Generator Mailing Country:	USA
Special Handling:	Yes
Discrepancies:	No
Date Shipped:	05/23/1991
Date Received:	Not reported
Last modified date:	04/27/2004
Last modified by:	IG
Comments:	Not reported

B8
WSW
1/8-1/4
0.157 mi.
827 ft.

UNIVERSITY OF CT
189 AUDITORIUM RD
STORRS, CT 06269

CT MANIFEST **S113474682**
N/A

Site 2 of 5 in cluster B

Relative:
Higher

Actual:
600 ft.

CT MANIFEST:

Waste:

Manifest No:	NYB9632142
Year:	2002
Waste Occurence:	1
UNNA:	3077
Hazard Class:	9
US Dot Description:	ENVIRONMENTALLY HAZ. SUBSTANCES,SOLID
No of Containers:	001
Container Type:	CM
Quantity:	13140
Weight/Volume:	P
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	NYB9632142
Year:	2002
Waste Occurence:	1
EPA Waste Code:	D008
Recycled Waste?:	False
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Detail:

Year:	2002
Manifest ID:	NYB9632142
TSDF EPA ID:	NYD049836679
TSDF Name:	C W M CHEMICAL SERVICES LLC
TSDF Address:	1550 BALMER RD
TSDF City,St,Zip:	MODEL CITY, NY 14107
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	06/03/2002
Transporter EPA ID:	CTR000010801
Transporter Name:	TRANSWASTE INC
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	06/03/2002
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
EPA ID:	CTD077309300
Generator Phone:	2034864564
Generator Mailing Addr:	189 AUDITORIUM RD
Generator Mailing Town:	STORRS
Generator Mailing State:	CT

UNIVERSITY OF CT (Continued) **S113474682**

Generator Mailing Zip:	06269
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Yes
Date Shipped:	06/03/2002
Date Received:	06/04/2002
Last modified date:	04/27/2004
Last modified by:	IG
Comments:	Not reported

Waste:

Manifest No:	CTF0829533
Year:	2001
Waste Occurence:	1
UNNA:	3077
Hazard Class:	9
US Dot Description:	ENVIRONMENTALLY HAZ. SUBSTANCES,SOLID
No of Containers:	002
Container Type:	CF
Quantity:	2
Weight/Volume:	Y
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Manifest No:	CTF0829533
Year:	2001
Waste Occurence:	2
UNNA:	2809
Hazard Class:	8
US Dot Description:	mercury
No of Containers:	001
Container Type:	DF
Quantity:	5
Weight/Volume:	G
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	CTF0829533
Year:	2001
Waste Occurence:	1
EPA Waste Code:	D009
Recycled Waste?:	False
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Manifest No:	CTF0829533
Year:	2001
Waste Occurence:	2
EPA Waste Code:	D009
Recycled Waste?:	False

UNIVERSITY OF CT (Continued) **S113474682**

Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Detail:

Year:	2001
Manifest ID:	CTF0829533
TSDF EPA ID:	CTD000604488
TSDF Name:	CLEAN HARBORS OF CONNECTICUT INC
TSDF Address:	51 BRODERICK RD
TSDF City,St,Zip:	BRISTOL, CT 06010
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	11/30/2001
Transporter EPA ID:	MAD039322250
Transporter Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
EPA ID:	CTD077309300
Generator Phone:	2034864564
Generator Mailing Addr:	189 AUDITORIUM RD
Generator Mailing Town:	STORRS
Generator Mailing State:	CT
Generator Mailing Zip:	06269
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Yes
Date Shipped:	11/30/2001
Date Received:	12/03/2001
Last modified date:	04/27/2004
Last modified by:	IG
Comments:	Not reported

Waste:

Manifest No:	MAM721712
Year:	2000
Waste Occurence:	1
UNNA:	3077
Hazard Class:	9
US Dot Description:	ENVIRONMENTALLY HAZ. SUBSTANCES,SOLID
No of Containers:	001
Container Type:	DM
Quantity:	200
Weight/Volume:	P
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

UNIVERSITY OF CT (Continued) **S113474682**

Waste CD:

Manifest No:	Not reported
Year:	Not reported
Waste Occurence:	Not reported
EPA Waste Code:	Not reported
Recycled Waste?:	Not reported
Date Record Was Last Modified:	Not reported
DEO Who Last Modified Record:	Not reported

Detail:

Year:	2000
Manifest ID:	MAM721712
TSDF EPA ID:	MAD019371079
TSDF Name:	GENERAL CHEMICAL CORP
TSDF Address:	133 LELAND ST
TSDF City,St,Zip:	FRAMINGHAM, MA 01701
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	12/06/2000
Transporter EPA ID:	MAD019371079
Transporter Name:	GENERAL CHEMICAL CORP
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
EPA ID:	CTD077309300
Generator Phone:	2034864564
Generator Mailing Addr:	189 AUDITORIUM RD
Generator Mailing Town:	STORRS
Generator Mailing State:	CT
Generator Mailing Zip:	06269
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	No
Date Shipped:	12/06/2000
Date Received:	12/07/2000
Last modified date:	04/27/2004
Last modified by:	IG
Comments:	Not reported

B9 **UCONN POWER PLANT** **CT UST** **U003518436**
WSW **189 AUDITORIUM RD** **N/A**
1/8-1/4 **STORRS MANSFIELD, CT 06269**
0.157 mi.
827 ft. **Site 3 of 5 in cluster B**

Relative:
Higher

Actual:
600 ft.

UST:

Facility Id:	78-6002
Latitude:	Not reported
Longitude:	Not reported
Owner:	UNIVERSITY OF CONNECTICUT

UCONN POWER PLANT (Continued) **U003518436**

Owner Address: 189 AUDITORIUM RD
Owner Address 2: Not reported
Owner City,St,Zip: STORRS MANSFIELD, CT 062699012

Tank ID: 6002-1
Compartment ID: 6002-1
Compartment Num: 1
Alt. Tank ID: A1
Tank Status: Permanently Closed
Tank Material: Asphalt Coated or Bare Steel
Secondary Material: Not reported
Capacity: 3000
Substance: Diesel
Date Installed: 01/01/1970
Date Last Used: 04/01/1996
Closure Status: Tank was Removed From Ground
Pipe Material: Bare or Galvonized Steel
Pipe Mode Description: Not reported
Spill Installed: Not reported
Overfill Installed: Not reported

Tank ID: 6002-10
Compartment ID: 6002-10
Compartment Num: 1
Alt. Tank ID: B1R1
Tank Status: Currently In Use
Tank Material: Coated & Cathodically Protected Steel (sti-P3)
Secondary Material: Not reported
Capacity: 50000
Substance: Heating Oil
Date Installed: 02/01/1999
Date Last Used: Not reported
Closure Status: Not reported
Pipe Material: Other (Specify)
Pipe Mode Description: Not reported
Spill Installed: Not reported
Overfill Installed: Not reported

Tank ID: 6002-11
Compartment ID: 6002-11
Compartment Num: 1
Alt. Tank ID: B2R1
Tank Status: Currently In Use
Tank Material: Coated & Cathodically Protected Steel (sti-P3)
Secondary Material: Not reported
Capacity: 50000
Substance: Heating Oil
Date Installed: 02/01/1999
Date Last Used: Not reported
Closure Status: Not reported
Pipe Material: Other (Specify)
Pipe Mode Description: Not reported
Spill Installed: Not reported
Overfill Installed: Not reported

UCONN POWER PLANT (Continued) **U003518436**

Tank ID:	6002-12
Compartment ID:	6002-12
Compartment Num:	1
Alt. Tank ID:	C1R1
Tank Status:	**Currently In Use**
Tank Material:	Coated & Cathodically Protected Steel (sti-P3)
Secondary Material:	Not reported
Capacity:	50000
Substance:	Heating Oil
Date Installed:	02/01/1999
Date Last Used:	Not reported
Closure Status:	**Not reported**
Pipe Material:	Other (Specify)
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported

Tank ID:	6002-13
Compartment ID:	6002-13
Compartment Num:	1
Alt. Tank ID:	C2R1
Tank Status:	**Currently In Use**
Tank Material:	Coated & Cathodically Protected Steel (sti-P3)
Secondary Material:	Not reported
Capacity:	50000
Substance:	Heating Oil
Date Installed:	02/01/1999
Date Last Used:	Not reported
Closure Status:	**Not reported**
Pipe Material:	Other (Specify)
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported

Tank ID:	6002-14
Compartment ID:	6002-14
Compartment Num:	1
Alt. Tank ID:	C3R1
Tank Status:	**Currently In Use**
Tank Material:	Coated & Cathodically Protected Steel (sti-P3)
Secondary Material:	Not reported
Capacity:	50000
Substance:	Heating Oil
Date Installed:	02/01/1999
Date Last Used:	Not reported
Closure Status:	**Not reported**
Pipe Material:	Other (Specify)
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported

Tank ID:	6002-15
Compartment ID:	6002-15
Compartment Num:	1

UCONN POWER PLANT (Continued) **U003518436**

Alt. Tank ID:	C41
Tank Status:	**Currently In Use**
Tank Material:	Coated & Cathodically Protected Steel (sti-P3)
Secondary Material:	Not reported
Capacity:	50000
Substance:	Heating Oil
Date Installed:	02/01/1999
Date Last Used:	Not reported
Closure Status:	**Not reported**
Pipe Material:	Other (Specify)
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported

Tank ID:	6002-2
Compartment ID:	6002-2
Compartment Num:	1
Alt. Tank ID:	B1
Tank Status:	**Permanently Closed**
Tank Material:	Asphalt Coated or Bare Steel
Secondary Material:	Not reported
Capacity:	50000
Substance:	Heating Oil
Date Installed:	01/01/1950
Date Last Used:	07/01/1998
Closure Status:	**Tank was Removed From Ground**
Pipe Material:	Bare or Galvonized Steel
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported

Tank ID:	6002-3
Compartment ID:	6002-3
Compartment Num:	1
Alt. Tank ID:	B2
Tank Status:	**Permanently Closed**
Tank Material:	Asphalt Coated or Bare Steel
Secondary Material:	Not reported
Capacity:	50000
Substance:	Heating Oil
Date Installed:	01/01/1950
Date Last Used:	07/01/1998
Closure Status:	**Tank was Removed From Ground**
Pipe Material:	Bare or Galvonized Steel
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported

Tank ID:	6002-4
Compartment ID:	6002-4
Compartment Num:	1
Alt. Tank ID:	C1
Tank Status:	**Permanently Closed**
Tank Material:	Asphalt Coated or Bare Steel

UCONN POWER PLANT (Continued) **U003518436**

Secondary Material:	Not reported
Capacity:	100000
Substance:	Heating Oil
Date Installed:	01/01/1965
Date Last Used:	07/01/1998
Closure Status:	**Tank was Removed From Ground**
Pipe Material:	Bare or Galvonized Steel
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported

Tank ID:	6002-5
Compartment ID:	6002-5
Compartment Num:	1
Alt. Tank ID:	C2
Tank Status:	**Permanently Closed**
Tank Material:	Asphalt Coated or Bare Steel
Secondary Material:	Not reported
Capacity:	100000
Substance:	Heating Oil
Date Installed:	01/01/1965
Date Last Used:	07/01/1998
Closure Status:	**Tank was Removed From Ground**
Pipe Material:	Bare or Galvonized Steel
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported

Tank ID:	6002-6
Compartment ID:	6002-6
Compartment Num:	1
Alt. Tank ID:	C3
Tank Status:	**Permanently Closed**
Tank Material:	Asphalt Coated or Bare Steel
Secondary Material:	Not reported
Capacity:	100000
Substance:	Heating Oil
Date Installed:	01/01/1965
Date Last Used:	07/01/1998
Closure Status:	**Tank was Removed From Ground**
Pipe Material:	Bare or Galvonized Steel
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported

Tank ID:	6002-7
Compartment ID:	6002-7
Compartment Num:	1
Alt. Tank ID:	D1
Tank Status:	**Permanently Closed**
Tank Material:	Asphalt Coated or Bare Steel
Secondary Material:	Not reported
Capacity:	20000
Substance:	Heating Oil

UCONN POWER PLANT (Continued) **U003518436**

Date Installed:	01/01/1950
Date Last Used:	08/01/1996
Closure Status:	**Tank was Removed From Ground**
Pipe Material:	Not reported
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported

Tank ID:	6002-8
Compartment ID:	6002-8
Compartment Num:	1
Alt. Tank ID:	D2
Tank Status:	**Permanently Closed**
Tank Material:	Asphalt Coated or Bare Steel
Secondary Material:	Not reported
Capacity:	20000
Substance:	Heating Oil
Date Installed:	01/01/1950
Date Last Used:	01/01/1950
Closure Status:	**Tank was Removed From Ground**
Pipe Material:	Not reported
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported

Tank ID:	6002-9
Compartment ID:	6002-9
Compartment Num:	1
Alt. Tank ID:	D3
Tank Status:	**Permanently Closed**
Tank Material:	Asphalt Coated or Bare Steel
Secondary Material:	Not reported
Capacity:	20000
Substance:	Heating Oil
Date Installed:	01/01/1950
Date Last Used:	01/01/1950
Closure Status:	**Tank was Removed From Ground**
Pipe Material:	Not reported
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported

B10 **UNIVERSITY OF CONN** **CT MANIFEST** **S113474681**
WSW **189 AUDITORIUM RD** **N/A**
1/8-1/4 **STORRS, CT 06269**
0.157 mi.
827 ft. **Site 4 of 5 in cluster B**

Relative:
Higher

Actual:
600 ft.

CT MANIFEST:

Waste:

Manifest No:	MAK454036
Year:	1999
Waste Occurence:	1
UNNA:	2922
Hazard Class:	8

UNIVERSITY OF CONN (Continued) **S113474681**

US Dot Description:	CORROSIVE LIQUID TOXIC N.O.S.
No of Containers:	001
Container Type:	DF
Quantity:	200
Weight/Volume:	P
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-26 00:00:00
DEO Who Last Modified Record:	IG

Manifest No:	MAK454036
Year:	1999
Waste Occurence:	2
UNNA:	2922
Hazard Class:	8
US Dot Description:	CORROSIVE LIQUID TOXIC N.O.S.
No of Containers:	001
Container Type:	DF
Quantity:	200
Weight/Volume:	P
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-26 00:00:00
DEO Who Last Modified Record:	IG

Manifest No:	MAK454036
Year:	1999
Waste Occurence:	3
UNNA:	2922
Hazard Class:	8
US Dot Description:	CORROSIVE LIQUID TOXIC N.O.S.
No of Containers:	001
Container Type:	CF
Quantity:	200
Weight/Volume:	P
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-26 00:00:00
DEO Who Last Modified Record:	IG

Manifest No:	MAK454036
Year:	1999
Waste Occurence:	4
UNNA:	2024
Hazard Class:	6
US Dot Description:	MERCURY COMPOUNDS LIQUID
No of Containers:	001
Container Type:	CF
Quantity:	80
Weight/Volume:	P
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-26 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	MAK454036

UNIVERSITY OF CONN (Continued) **S113474681**

Year: 1999
Waste Occurence: 1
EPA Waste Code: D002
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-26 00:00:00
DEO Who Last Modified Record: IG

Manifest No: MAK454036
Year: 1999
Waste Occurence: 2
EPA Waste Code: D002
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-26 00:00:00
DEO Who Last Modified Record: IG

Manifest No: MAK454036
Year: 1999
Waste Occurence: 3
EPA Waste Code: D008
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-26 00:00:00
DEO Who Last Modified Record: IG

Manifest No: MAK454036
Year: 1999
Waste Occurence: 4
EPA Waste Code: D009
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-26 00:00:00
DEO Who Last Modified Record: IG

Detail:
Year: 1999
Manifest ID: MAK454036
TSDF EPA ID: MAD000604447
TSDF Name: LAIDLAW ENV SVS (NORTHEAST)
TSDF Address: 300 CANAL ST
TSDF City,St,Zip: LAWRENCE, MA 01845
TSDF Country: USA
TSDF Telephone: Not reported
Transport Date: 01/29/1999
Transporter EPA ID: SCD987574647
Transporter Name: LAIDLAW ENVIRONMENTAL SERVICES
Transporter Country: USA
Transporter Phone: Not reported
Trans 2 Date: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
Trans 2 Address: Not reported
Trans 2 City,St,Zip: CT
Trans 2 Country: USA
Trans 2 Phone: Not reported
EPA ID: CTD077309300
Generator Phone: 2034864564
Generator Mailing Addr: 189 AUDITORIUM RD
Generator Mailing Town: STORRS
Generator Mailing State: CT

UNIVERSITY OF CONN (Continued) **S113474681**

Generator Mailing Zip:	06269
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	No
Date Shipped:	01/29/1999
Date Received:	01/29/1999
Last modified date:	04/26/2004
Last modified by:	IG
Comments:	Not reported

Waste:

Manifest No:	CTF0420731
Year:	1996
Waste Occurence:	1
UNNA:	3077
Hazard Class:	9
US Dot Description:	ENVIRONMENTALLY HAZ. SUBSTANCES,SOLID
No of Containers:	001
Container Type:	CM
Quantity:	12000
Weight/Volume:	P
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-26 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	CTF0420731
Year:	1996
Waste Occurence:	1
EPA Waste Code:	D008
Recycled Waste?:	False
Date Record Was Last Modified:	2004-04-26 00:00:00
DEO Who Last Modified Record:	IG

Detail:

Year:	1996
Manifest ID:	CTF0420731
TSDF EPA ID:	CTD983896341
TSDF Name:	WASTE MGT NEW ENGLAND ENV TRANSPORT
TSDF Address:	203 PICKERING ST
TSDF City,St,Zip:	PORTLAND, CT 06480
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	12/17/1996
Transporter EPA ID:	CTD983896341
Transporter Name:	WASTE MGT NEW ENGLAND ENV TRANSPORT INC
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA

UNIVERSITY OF CONN (Continued) **S113474681**

Trans 2 Phone:	Not reported
EPA ID:	CTD077309300
Generator Phone:	2034864564
Generator Mailing Addr:	189 AUDITORIUM RD
Generator Mailing Town:	STORRS
Generator Mailing State:	CT
Generator Mailing Zip:	06269
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	12/17/1996
Date Received:	12/17/1996
Last modified date:	04/26/2004
Last modified by:	IG
Comments:	Not reported

Waste:

Manifest No:	CTF0354859
Year:	1994
Waste Occurence:	1
UNNA:	3077
Hazard Class:	9
US Dot Description:	HAZARDOUS WASTE SOLID
No of Containers:	001
Container Type:	CM
Quantity:	2203
Weight/Volume:	P
Additional Description:	Y
Handling Code:	D81
Date Record Was Last Modified:	2004-04-26 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	CTF0354859
Year:	1994
Waste Occurence:	1
EPA Waste Code:	D009
Recycled Waste?:	False
Date Record Was Last Modified:	2004-04-26 00:00:00
DEO Who Last Modified Record:	IG

Detail:

Year:	1994
Manifest ID:	CTF0354859
TSDF EPA ID:	CTD089631956
TSDF Name:	EAST COAST ENVIRONMENTAL SERVICE CORP
TSDF Address:	454 QUINNIPIAC AVE
TSDF City,St,Zip:	NEW HAVEN, CT 06513
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	10/19/1994
Transporter EPA ID:	CTD983872748
Transporter Name:	SEALAND ENVIRONMENTAL SERVICES
Transporter Country:	USA
Transporter Phone:	Not reported

UNIVERSITY OF CONN (Continued) **S113474681**

Trans 2 Date:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
EPA ID:	CTD077309300
Generator Phone:	2034864564
Generator Mailing Addr:	189 AUDITORIUM RD
Generator Mailing Town:	STORRS
Generator Mailing State:	CT
Generator Mailing Zip:	06269
Generator Mailing Country:	USA
Special Handling:	Yes
Discrepancies:	No
Date Shipped:	10/19/1994
Date Received:	10/19/1994
Last modified date:	04/26/2004
Last modified by:	IG
Comments:	Not reported

Waste:

Manifest No:	CTF0272470
Year:	1993
Waste Occurence:	1
UNNA:	3077
Hazard Class:	9
US Dot Description:	HAZARDOUS WASTE SOLID
No of Containers:	001
Container Type:	CF
Quantity:	900
Weight/Volume:	P
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	CTF0272470
Year:	1993
Waste Occurence:	1
EPA Waste Code:	D009
Recycled Waste?:	False
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Detail:

Year:	1993
Manifest ID:	CTF0272470
TSDF EPA ID:	CTD089631956
TSDF Name:	EAST COAST ENVIRONMENTAL SERV CORP
TSDF Address:	454 QUINNIPIAC AVE
TSDF City,St,Zip:	NEW HAVEN, CT 06513
TSDF Country:	USA

UNIVERSITY OF CONN (Continued) **S113474681**

TSDF Telephone:	Not reported
Transport Date:	11/24/1993
Transporter EPA ID:	CTD089631956
Transporter Name:	EAST COAST ENVIRONMENTAL SERVICE CORP
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
EPA ID:	CTD077309300
Generator Phone:	2034864564
Generator Mailing Addr:	189 AUDITORIUM RD
Generator Mailing Town:	STORRS
Generator Mailing State:	CT
Generator Mailing Zip:	06269
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	11/24/1993
Date Received:	Not reported
Last modified date:	04/27/2004
Last modified by:	IG
Comments:	Not reported

Waste:

Manifest No:	CTF0024385
Year:	1992
Waste Occurence:	1
UNNA:	9189
Hazard Class:	ORM-E
US Dot Description:	HAZARDOUS WASTE SOLID, NOS
No of Containers:	001
Container Type:	CM
Quantity:	2
Weight/Volume:	Y
Additional Description:	Y
Handling Code:	S01
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	CTF0024385
Year:	1992
Waste Occurence:	1
EPA Waste Code:	D009
Recycled Waste?:	False
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Detail:

Year:	1992

UNIVERSITY OF CONN (Continued) **S113474681**

Manifest ID:	CTF0024385
TSDF EPA ID:	CTD089631956
TSDF Name:	EAST COAST ENV SERVICE CORP
TSDF Address:	454 QUINNIPIAC AVE
TSDF City,St,Zip:	NEW HAVEN, CT 06513
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	03/17/1992
Transporter EPA ID:	CTD983872748
Transporter Name:	SEALAND ENVIRONMENTAL SVS
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
EPA ID:	CTD077309300
Generator Phone:	2034864564
Generator Mailing Addr:	189 AUDITORIUM RD
Generator Mailing Town:	STORRS
Generator Mailing State:	CT
Generator Mailing Zip:	06269
Generator Mailing Country:	USA
Special Handling:	Yes
Discrepancies:	No
Date Shipped:	03/17/1992
Date Received:	03/17/1992
Last modified date:	04/27/2004
Last modified by:	IG
Comments:	Not reported

Waste:

Manifest No:	RIG0019302
Year:	1991
Waste Occurence:	1
UNNA:	1255
Hazard Class:	COMBUSTIBL
US Dot Description:	WASTE PETROLEUM NAPHTHA
No of Containers:	001
Container Type:	DM
Quantity:	16
Weight/Volume:	G
Additional Description:	Not reported
Handling Code:	S01
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	RIG0019302
Year:	1991
Waste Occurence:	1
EPA Waste Code:	D001

UNIVERSITY OF CONN (Continued) **S113474681**

Recycled Waste?: False
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Detail:

Year:	1991
Manifest ID:	RIG0019302
TSDF EPA ID:	RID084802842
TSDF Name:	CHEM-PAK CORP
TSDF Address:	167 MILL ST
TSDF City,St,Zip:	CRANSTON, RI 02905
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	12/12/1991
Transporter EPA ID:	RID982194987
Transporter Name:	CYCLE SOLVE CORP
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
EPA ID:	CTD077309300
Generator Phone:	2034864564
Generator Mailing Addr:	189 AUDITORIUM RD
Generator Mailing Town:	STORRS
Generator Mailing State:	CT
Generator Mailing Zip:	06269
Generator Mailing Country:	USA
Special Handling:	Yes
Discrepancies:	No
Date Shipped:	12/12/1991
Date Received:	12/12/1991
Last modified date:	04/27/2004
Last modified by:	IG
Comments:	Not reported

B11 **UNIVERSITY OF CT E H & S** **RCRA-LQG** **1000841057**
WSW **3102 HORSEBARN HILL RD** **NY MANIFEST** **CTD983884305**
1/8-1/4 **STORRS, CT 06269** **RI MANIFEST**
0.157 mi. **NJ MANIFEST**
829 ft. **Site 5 of 5 in cluster B**

Relative:
Higher

Actual:
600 ft.

RCRA-LQG:

Date form received by agency:	02/27/2012
Facility name:	UNIVERSITY OF CT E H & S
Facility address:	3102 HORSEBARN HILL RD STORRS, CT 062694097
EPA ID:	CTD983884305
Mailing address:	HORSEBARN HILL RD STORRS, CT 06269-4097
Contact:	STEFAN WAWZYNIECKI
Contact address:	HORSEBARN HILL RD

UNIVERSITY OF CT E H & S (Continued) **1000841057**

	STORRS, CT 062694097
Contact country:	US
Contact telephone:	(860) 486-3613
Telephone ext.:	1110
Contact email:	STEFAN.W@UCONN.EDU
EPA Region:	01
Land type:	State
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	UNIVERSITY OF CT
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	State
Owner/Operator Type:	Operator
Owner/Op start date:	04/21/1881
Owner/Op end date:	Not reported
Owner/operator name:	STATE OF CT
Owner/operator address:	HORSEBARN HILL RD
	STORRS, CT 06269
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	State
Owner/Operator Type:	Owner
Owner/Op start date:	04/21/1881
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	Yes
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Used oil transfer facility: No
Used oil transporter: No

Universal Waste Summary:
Waste type: E
Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: Batteries
Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: Yes
Generated waste on-site: No

Historical Generators:
Date form received by agency: 06/03/2010
Facility name: UNIVERSITY OF CT E H & S
Classification: Large Quantity Generator

Date form received by agency: 02/22/2008
Facility name: UNIVERSITY OF CT E H & S
Site name: UNIVERSITY OF CONNECTICUT EH&S
Classification: Large Quantity Generator

Date form received by agency: 02/21/2006
Facility name: UNIVERSITY OF CT E H & S
Site name: UNIVERSITY OF CT E H & S
Classification: Large Quantity Generator

Date form received by agency: 02/23/2004
Facility name: UNIVERSITY OF CT E H & S
Site name: UNIVERSITY OF CT E H & S
Classification: Large Quantity Generator

Date form received by agency: 02/27/2002
Facility name: UNIVERSITY OF CT E H & S
Site name: UNIVERSITY OF CONNECTICUT - EH& S
Classification: Large Quantity Generator

Date form received by agency: 02/15/2000
Facility name: UNIVERSITY OF CT E H & S
Site name: UNIVERSITY OF CONNECTICUT
Classification: Large Quantity Generator

Date form received by agency: 02/27/1998
Facility name: UNIVERSITY OF CT E H & S
Site name: UNIVERSITY OF CONNECTICUT
Classification: Large Quantity Generator

Date form received by agency: 02/26/1996

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Facility name: UNIVERSITY OF CT E H & S
Site name: UNIVERSITY OF CONNECTICUT
Classification: Large Quantity Generator

Date form received by agency: 02/25/1994
Facility name: UNIVERSITY OF CT E H & S
Site name: UNIVERSITY OF CONNECTICUT
Classification: Large Quantity Generator

Date form received by agency: 02/14/1992
Facility name: UNIVERSITY OF CT E H & S
Site name: UNIVERSITY OF CONNECTICUT
Classification: Large Quantity Generator

Date form received by agency: 07/22/1991
Facility name: UNIVERSITY OF CT E H & S
Site name: UNIVERSITY OF CONNECTICUT
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D004
Waste name: ARSENIC

Waste code: D005
Waste name: BARIUM

Waste code: D006
Waste name: CADMIUM

Waste code: D007
Waste name: CHROMIUM

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D010
Waste name: SELENIUM

Waste code: D011
Waste name: SILVER

Waste code: D018
Waste name: BENZENE

Waste code: D019
Waste name: CARBON TETRACHLORIDE

Waste code: D021
Waste name: CHLOROBENZENE

Waste code: D022
Waste name: CHLOROFORM

Waste code: D027
Waste name: 1,4-DICHLOROBENZENE

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: D038
Waste name: PYRIDINE

Waste code: D040
Waste name: TRICHLOROETHYLENE

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT

UNIVERSITY OF CT E H & S (Continued) **1000841057**

MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F027
Waste name: DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT).

Waste code: P029
Waste name: COPPER CYANIDE

Waste code: P030
Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Waste code: P048
Waste name: 2,4-DINITROPHENOL

Waste code: P098
Waste name: POTASSIUM CYANIDE

Waste code: P105
Waste name: SODIUM AZIDE

Waste code: P106
Waste name: SODIUM CYANIDE

Waste code: P108
Waste name: STRYCHNIDIN-10-ONE, & SALTS

Waste code: P113
Waste name: THALLIC OXIDE

Waste code: U002
Waste name: ACETONE (I)

Waste code: U003
Waste name: ACETONITRILE (I,T)

Waste code: U006
Waste name: ACETYL CHLORIDE (C,R,T)

Waste code: U007
Waste name: ACRYLAMIDE

Waste code: U044
Waste name: CHLOROFORM

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Waste code: U052
Waste name: CRESOL (CRESYLIC ACID)

Waste code: U067
Waste name: ETHANE, 1,2-DIBROMO-

Waste code: U072
Waste name: BENZENE, 1,4-DICHLORO-

Waste code: U077
Waste name: ETHANE, 1,2-DICHLORO-

Waste code: U080
Waste name: METHANE, DICHLORO-

Waste code: U092
Waste name: DIMETHYLAMINE (I)

Waste code: U108
Waste name: 1,4-DIETHYLENEOXIDE

Waste code: U117
Waste name: ETHANE, 1,1'-OXYBIS-(I)

Waste code: U122
Waste name: FORMALDEHYDE

Waste code: U123
Waste name: FORMIC ACID (C,T)

Waste code: U133
Waste name: HYDRAZINE (R,T)

Waste code: U134
Waste name: HYDROFLUORIC ACID (C,T)

Waste code: U138
Waste name: METHANE, IODO-

Waste code: U151
Waste name: MERCURY

Waste code: U154
Waste name: METHANOL (I)

Waste code: U160
Waste name: 2-BUTANONE, PEROXIDE (R,T)

Waste code: U165
Waste name: NAPHTHALENE

Waste code: U177
Waste name: N-NITROSO-N-METHYLUREA

Waste code: U188
Waste name: PHENOL

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Waste code: U196
Waste name: PYRIDINE

Waste code: U213
Waste name: FURAN, TETRAHYDRO-(I)

Waste code: U219
Waste name: THIOUREA

Waste code: U220
Waste name: BENZENE, METHYL-

Waste code: U228
Waste name: ETHENE, TRICHLORO-

Waste code: U239
Waste name: BENZENE, DIMETHYL- (I,T)

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 49503

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 51208

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
Amount (Lbs): 7630

Waste code: D004
Waste name: ARSENIC
Amount (Lbs): 7553

Waste code: D005
Waste name: BARIUM
Amount (Lbs): 42652

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Waste code: D006
Waste name: CADMIUM
Amount (Lbs): 42652

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 42652

Waste code: D008
Waste name: LEAD
Amount (Lbs): 46524

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 7553

Waste code: D010
Waste name: SELENIUM
Amount (Lbs): 7553

Waste code: D011
Waste name: SILVER
Amount (Lbs): 42652

Waste code: D018
Waste name: BENZENE
Amount (Lbs): 47562

Waste code: D019
Waste name: CARBON TETRACHLORIDE
Amount (Lbs): 24495

Waste code: D021
Waste name: CHLOROBENZENE
Amount (Lbs): 24495

Waste code: D022
Waste name: CHLOROFORM
Amount (Lbs): 26636

Waste code: D028
Waste name: 1,2-DICHLOROETHANE
Amount (Lbs): 7553

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 42150

Waste code: D038
Waste name: PYRIDINE
Amount (Lbs): 16942

Waste code: D040
Waste name: TRICHLOROETHYLENE
Amount (Lbs): 24495

Waste code: F002

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 24495

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 47562

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 47577

Waste code: F027
Waste name: DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT).
Amount (Lbs): 77

Waste code: P029
Waste name: COPPER CYANIDE
Amount (Lbs): 77

Waste code: P030
Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
Amount (Lbs): 77

Waste code: P048
Waste name: 2,4-DINITROPHENOL
Amount (Lbs): 77

Waste code: P098
Waste name: POTASSIUM CYANIDE
Amount (Lbs): 77

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Waste code: P105
Waste name: SODIUM AZIDE
Amount (Lbs): 77

Waste code: P106
Waste name: SODIUM CYANIDE
Amount (Lbs): 77

Waste code: P108
Waste name: STRYCHNIDIN-10-ONE, & SALTS
Amount (Lbs): 77

Waste code: P113
Waste name: THALLIC OXIDE
Amount (Lbs): 77

Waste code: U002
Waste name: ACETONE (I)
Amount (Lbs): 24495

Waste code: U003
Waste name: ACETONITRILE (I,T)
Amount (Lbs): 24495

Waste code: U006
Waste name: ACETYL CHLORIDE (C,R,T)
Amount (Lbs): 7553

Waste code: U007
Waste name: ACRYLAMIDE
Amount (Lbs): 7553

Waste code: U044
Waste name: CHLOROFORM
Amount (Lbs): 7553

Waste code: U052
Waste name: CRESOL (CRESYLIC ACID)
Amount (Lbs): 7553

Waste code: U067
Waste name: ETHANE, 1,2-DIBROMO-
Amount (Lbs): 7553

Waste code: U072
Waste name: BENZENE, 1,4-DICHLORO-
Amount (Lbs): 7553

Waste code: U077
Waste name: ETHANE, 1,2-DICHLORO-
Amount (Lbs): 7553

Waste code: U080
Waste name: METHANE, DICHLORO-
Amount (Lbs): 7553

Waste code: U092

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Waste name: DIMETHYLAMINE (I)
Amount (Lbs): 7553

Waste code: U108
Waste name: 1,4-DIETHYLENEOXIDE
Amount (Lbs): 7553

Waste code: U117
Waste name: ETHANE, 1,1'-OXYBIS-(I)
Amount (Lbs): 7553

Waste code: U122
Waste name: FORMALDEHYDE
Amount (Lbs): 7553

Waste code: U123
Waste name: FORMIC ACID (C,T)
Amount (Lbs): 7553

Waste code: U133
Waste name: HYDRAZINE (R,T)
Amount (Lbs): 7553

Waste code: U134
Waste name: HYDROFLUORIC ACID (C,T)
Amount (Lbs): 7553

Waste code: U138
Waste name: METHANE, IODO-
Amount (Lbs): 7553

Waste code: U151
Waste name: MERCURY
Amount (Lbs): 7553

Waste code: U154
Waste name: METHANOL (I)
Amount (Lbs): 24495

Waste code: U160
Waste name: 2-BUTANONE, PEROXIDE (R,T)
Amount (Lbs): 7553

Waste code: U165
Waste name: NAPHTHALENE
Amount (Lbs): 7553

Waste code: U177
Waste name: N-NITROSO-N-METHYLUREA
Amount (Lbs): 7553

Waste code: U188
Waste name: PHENOL
Amount (Lbs): 7553

Waste code: U213
Waste name: FURAN, TETRAHYDRO-(I)

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Amount (Lbs): 7553

Waste code: U219
Waste name: THIOUREA
Amount (Lbs): 7553

Waste code: U220
Waste name: BENZENE, METHYL-
Amount (Lbs): 24495

Waste code: U228
Waste name: ETHENE, TRICHLORO-
Amount (Lbs): 7553

Waste code: U239
Waste name: BENZENE, DIMETHYL- (I,T)
Amount (Lbs): 24495

Waste code: U246
Waste name: CYANOGEN BROMIDE (CN)BR
Amount (Lbs): 7553

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 07/13/2006
Date achieved compliance: 06/04/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/11/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 07/13/2006
Date achieved compliance: 06/04/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/14/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 22a-449(c)-110(a)(1)
Area of violation: Permits - Application
Date violation determined: 05/29/2001
Date achieved compliance: 08/21/2001
Violation lead agency: State

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/18/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 22a-449(c)-110(a)(1)
Area of violation: Permits - Application
Date violation determined: 05/29/2001
Date achieved compliance: 08/21/2001
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 03/15/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 102(b)(2)
Area of violation: Generators - Pre-transport
Date violation determined: 01/22/1996
Date achieved compliance: 08/11/2000
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/23/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 86225
Paid penalty amount: Not reported

Regulation violated: SR - 102(a)
Area of violation: Generators - Pre-transport
Date violation determined: 01/22/1996
Date achieved compliance: 08/11/2000
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/23/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 86225
Paid penalty amount: Not reported

Regulation violated: SR - 102(a)
Area of violation: Generators - General
Date violation determined: 01/22/1996
Date achieved compliance: 08/11/2000
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Enforcement action date: 10/23/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 86225
Paid penalty amount: Not reported

Regulation violated: SR - 102
Area of violation: Generators - Pre-transport
Date violation determined: 01/22/1996
Date achieved compliance: 08/11/2000
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/23/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 86225
Paid penalty amount: Not reported

Regulation violated: SR - 22a-449(c)-102(a)
Area of violation: Generators - Pre-transport
Date violation determined: 09/19/1994
Date achieved compliance: 08/11/2000
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/23/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 86225
Paid penalty amount: Not reported

Regulation violated: SR - 22a-449(c)-102(a)
Area of violation: Generators - General
Date violation determined: 09/19/1994
Date achieved compliance: 08/11/2000
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/23/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 86225
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 07/13/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 06/04/2008
Evaluation lead agency: State

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Evaluation date: 05/29/2001
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Permits - Application
Date achieved compliance: 08/21/2001
Evaluation lead agency: State

Evaluation date: 08/11/2000
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/23/1997
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/22/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/11/2000
Evaluation lead agency: State

Evaluation date: 01/22/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 08/11/2000
Evaluation lead agency: State

Evaluation date: 09/19/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/11/2000
Evaluation lead agency: State

Evaluation date: 09/19/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 08/11/2000
Evaluation lead agency: State

NY MANIFEST:
EPA ID: CTD983884305
Country: USA
Mailing Name: UNIVERSITY OF CONNECTICUT
Mailing Contact: FREDERICK P. SCHENRITZEL
Mailing Address: ENV HLTH & SFTY BOX 497
Mailing Address 2: Not reported
Mailing City: STORRS 189 AUDITORIUM
Mailing State: CT
Mailing Zip: 06268
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 203-486-3613

Document ID: Not reported

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	2009-06-19
Trans1 Recv Date:	2009-06-19
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-06-26
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CTD983884305
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	6.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	002495779FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	2009-04-15
Trans1 Recv Date:	2009-04-15
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-04-24
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CTD983884305
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	423.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	2.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Manifest Tracking Num:	003828577JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	2009-04-15
Trans1 Recv Date:	2009-04-15
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-04-24
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CTD983884305
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	8.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003828577JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	2009-04-15
Trans1 Recv Date:	2009-04-15
Trans2 Recv Date:	Not reported

UNIVERSITY OF CT E H & S (Continued) **1000841057**

TSD Site Recv Date:	2009-04-24
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CTD983884305
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	10.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003828577JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	2009-03-11
Trans1 Recv Date:	2009-03-11
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-03-19
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CTD983884305
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	7.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	003828579JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	2009-02-11
Trans1 Recv Date:	2009-02-11
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-02-18
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CTD983884305
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	6.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	005084546JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	2009-02-11
Trans1 Recv Date:	2009-02-11
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-02-18
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CTD983884305
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported

UNIVERSITY OF CT E H & S (Continued) **1000841057**

TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	8.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	005084546JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	2009-02-11
Trans1 Recv Date:	2009-02-11
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-02-18
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CTD983884305
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	14.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	005084546JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	2009-02-11
Trans1 Recv Date:	2009-02-11
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-02-18
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CTD983884305
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	10.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	005084546JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	2009-02-11
Trans1 Recv Date:	2009-02-11
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-02-18
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CTD983884305
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	6.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Year:	2009
Manifest Tracking Num:	005084546JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	2009-02-11
Trans1 Recv Date:	2009-02-11
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-02-18
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CTD983884305
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	8.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	005084546JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	2009-02-11
Trans1 Recv Date:	2009-02-11

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-02-18
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CTD983884305
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	8.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	005084546JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	2009-02-11
Trans1 Recv Date:	2009-02-11
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-02-18
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CTD983884305
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	7.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	005084546JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	2009-02-11
Trans1 Recv Date:	2009-02-11
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-02-18
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CTD983884305
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	7.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	005084546JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	2009-02-11
Trans1 Recv Date:	2009-02-11
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-02-18
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CTD983884305
Trans1 EPA ID:	Not reported

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	3.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	005084546JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	2009-05-13
Trans1 Recv Date:	2009-05-13
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-05-26
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CTD983884305
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	9.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	002495660FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: MAD985286988
Trans2 State ID: Not reported
Generator Ship Date: 2009-05-13
Trans1 Recv Date: 2009-05-13
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2009-05-26
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: CTD983884305
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NYD077444263
Waste Code: Not reported
Quantity: 6.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 2009
Manifest Tracking Num: 002495660FLE
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: MAD985286988
Trans2 State ID: Not reported
Generator Ship Date: 2009-06-19
Trans1 Recv Date: 2009-06-19
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2009-06-26
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: CTD983884305
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NYD077444263
Waste Code: Not reported
Quantity: 6.0
Units: P - Pounds
Number of Containers: 1.0

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	002495779FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	NYB7448994
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	4905VXOK
Trans2 State ID:	4903BXOK
Generator Ship Date:	960418
Trans1 Recv Date:	960418
Trans2 Recv Date:	960503
TSD Site Recv Date:	960507
Part A Recv Date:	960501
Part B Recv Date:	960516
Generator EPA ID:	CTD983884305
Trans1 EPA ID:	ARD981908551
Trans2 EPA ID:	ARD981908551
TSDF ID:	NYD000632372
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00010
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	96

Document ID:	NYB7449372
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	4483AZOK
Trans2 State ID:	4903BXOK
Generator Ship Date:	960612
Trans1 Recv Date:	960612
Trans2 Recv Date:	960618
TSD Site Recv Date:	960618
Part A Recv Date:	960625
Part B Recv Date:	960710
Generator EPA ID:	CTD983884305
Trans1 EPA ID:	ARD981908551
Trans2 EPA ID:	ARD981908551
TSDF ID:	NYD000632372
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Quantity:	00010
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00010
Units:	P - Pounds
Number of Containers:	001
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	96

Click this hyperlink while viewing on your computer to access
204 additional NY_MANIFEST: record(s) in the EDR Site Report.

RI MANIFEST:

GEN Cert Date:	3/8/2007
Transporter Receipt Date:	3/8/2007
Number Of Containers:	1
Container Type:	DM
Waste Code1:	CR02
Waste Code2:	Not reported
Waste Code3:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	United Oil Recovery Inc
TSDF ID:	RID084802842
TSDF Date:	3/8/2007
Transporter 2 Name:	Not reported
Transporter 2 ID:	CTD021816889
Manifest Docket Number:	UISA0097563
Waste Description:	STATE REGULATED WASTE, (FUEL OIL),
Quantity:	55
WT/Vol Units:	G
Item Number:	a
Transporter Name:	UNITED INDUSTRIAL SERVICES
Transporter EPA ID:	CTD021816889
GEN Cert Date:	3/8/2007
Transporter Recpt Date:	3/8/2007
Transporter 2 Recpt Date:	Not reported
TSDF Recpt Date:	3/8/2007
EPA ID:	CTD983884305
Transporter 2 ID:	CTD021816889

NJ MANIFEST:

Manifest Code:	002877136FLE
EPA ID:	CTD983884305
Date Shipped:	08/28/2009
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	MAD985286988
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/28/2009
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	09/09/2009
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2009 New Jersey Manifest Data
Quantity:	460
Unit:	P
Hand Code:	H141

Manifest Code:	002877009FLE
EPA ID:	CTD983884305
Date Shipped:	07/29/2009
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	MAD985286988
Transporter 2 EPA ID:	TXR000050930
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	07/29/2009
Date Trans2 Transported Waste:	08/06/2009
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/06/2009
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2009 New Jersey Manifest Data
Quantity:	953
Unit:	P
Hand Code:	H141

Manifest Code:	002877141FLE
EPA ID:	CTD983884305
Date Shipped:	09/30/2009
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	MAD985286988
Transporter 2 EPA ID:	TXR000050930
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	09/30/2009
Date Trans2 Transported Waste:	10/08/2009
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	10/08/2009
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2009 New Jersey Manifest Data
Quantity:	930
Unit:	P
Hand Code:	H141

Manifest Code:	002878224FLE
EPA ID:	CTD983884305
Date Shipped:	01/15/2010
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	MAD985286988
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported

UNIVERSITY OF CT E H & S (Continued) **1000841057**

Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/15/2010
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/25/2010
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2010 New Jersey Manifest Data
Quantity:	1473
Unit:	P
Hand Code:	H141

C12 **JORGENSEN AUDITORIUM, UNIT 3104** **CT UST** **U004140751**
SSW **2132 HILLSIDE RD** **N/A**
1/8-1/4 **STORRS MANSFIELD, CT 06269**
0.196 mi.
1035 ft. **Site 1 of 2 in cluster C**

Relative:
Higher

Actual:
613 ft.

UST:

Facility Id:	78-12401
Latitude:	Not reported
Longitude:	Not reported
Owner:	UNIVERSITY OF CONNECTICUT
Owner Address:	31 LEDOYT RD

JORGENSEN AUDITORIUM, UNIT 3104 (Continued) **U004140751**

Owner Address 2:	Not reported
Owner City,St,Zip:	STORRS MANSFIELD, CT 062699014
Tank ID:	12401-1
Compartment ID:	12401-1
Compartment Num:	1
Alt. Tank ID:	A1
Tank Status:	**Permanently Closed**
Tank Material:	Asphalt Coated or Bare Steel
Secondary Material:	Not reported
Capacity:	275
Substance:	Diesel
Date Installed:	Not reported
Date Last Used:	Not reported
Closure Status:	**Tank was Removed From Ground**
Pipe Material:	Other (Specify)
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported

C13
SSW
1/8-1/4
0.198 mi.
1043 ft.

Relative:
Higher

Actual:
614 ft.

UNIVERSITY OFONNECTICUT **CT MANIFEST** **S108302222**
2095 HILLSIDE RD **CT NPDES** **N/A**
STORRS, CT

Site 2 of 2 in cluster C

CT MANIFEST:

Waste:

Manifest No:	CTF0430696
Year:	1996
Waste Occurence:	1
UNNA:	3077
Hazard Class:	9
US Dot Description:	ENVIRONMENTALLY HAZ. SUBSTANCES,SOLID
No of Containers:	001
Container Type:	CM
Quantity:	30
Weight/Volume:	Y
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-26 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	CTF0430696
Year:	1996
Waste Occurence:	1
EPA Waste Code:	D008
Recycled Waste?:	False
Date Record Was Last Modified:	2004-04-26 00:00:00
DEO Who Last Modified Record:	IG

Detail:

Year:	1996
Manifest ID:	CTF0430696
TSDF EPA ID:	CTD000604488

UNIVERSITY OFONNECTICUT (Continued) **S108302222**

TSDF Name:	CLEAN HARBORS OF CONNECTICUT INC
TSDF Address:	51 BRODERICK RD
TSDF City,St,Zip:	BRISTOL, CT 06010
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	10/18/1996
Transporter EPA ID:	CTD021816889
Transporter Name:	UNITED OIL RECOVERY INC DBA ADV LIQ REC
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
EPA ID:	CT2033809000
Generator Phone:	Not reported
Generator Mailing Addr:	2095 HILLSIDE RD
Generator Mailing Town:	STORRS
Generator Mailing State:	CT
Generator Mailing Zip:	Not reported
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	10/18/1996
Date Received:	10/25/1996
Last modified date:	04/26/2004
Last modified by:	IG
Comments:	Not reported

NPDES:

Town Id:	78
Company Name:	BOARD OF TRUSTEES UNIVERSITY OF CONNECTICUT
Permit Number:	GPL000035
Permit Issued Date:	03/18/1999
Permit Expiration Date:	07/01/2003
Application Received Date:	02/02/1999
Affiliation Type:	Not reported
Permit EI Type:	Not reported
App Id:	Not reported
Site Address Description:	Not reported
Site Address Line 2:	Not reported
Permit Description:	Not reported
Status:	Not reported
Affiliate Address Line 1:	Not reported
Affiliate Address Line 2:	Not reported
Affiliate City/State/Zip:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact EMail:	Not reported

Town Id:	78
Company Name:	UNIVERSITY OF CT FACILITIES OPERATIO
Permit Number:	GPL000035

UNIVERSITY OFONNECTICUT (Continued) **S108302222**

Permit Issued Date:	03/18/1999
Permit Expiration Date:	07/01/2003
Application Received Date:	02/02/1999
Affiliation Type:	Not reported
Permit EI Type:	Not reported
App Id:	Not reported
Site Address Description:	Not reported
Site Address Line 2:	Not reported
Permit Description:	Not reported
Status:	Not reported
Affiliate Address Line 1:	Not reported
Affiliate Address Line 2:	Not reported
Affiliate City/State/Zip:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact EMail:	Not reported

D14 **UCONN FOUNDATION OFFICE BUILDING** **CT SDADB** **S104254212**
SSE **ALUMNI ROAD** **CT SPILLS** **N/A**
1/8-1/4 **MANSFIELD, CT 06268**
0.203 mi.
1074 ft. **Site 1 of 6 in cluster D**

Relative:
Higher

Actual:
625 ft.

Site Discovery and Assessment:

Facility ID:	3733
Rem Master ID:	4135
PTP Id:	0
WPC Number:	Not reported
Postal District:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Lat/Long Determined By:	Not reported
Ground Water Quality Classification:	GA
Surface Water Quality Classification:	A
Waste Type:	Not reported
Disposal:	Not reported
Sample Data Available:	False
Updated By:	BOBOWICZ, H. A.
Update Program:	D&A
Updated:	12/8/1999
Date Created:	Not reported
Duplicate:	False
EPA CERCLIS Id:	Not reported
Number EPA RCRIS Id:	Not reported
Site on EPA's CERCLIS:	Not reported
Site Archived from CERCLIS:	Not reported
Archive Date:	Not reported
EPA's Removal at Site:	Not reported
Deferred to another EPA Program:	Not reported
EPA Env Priority Initiative Site:	Not reported
Federal Facility:	Not reported
Site on EPA's National Priority List:	Not reported
Part of an NPL site:	Not reported
RCRA Generator Status:	Not reported
RCRA Permit Status:	Not reported
Referral Id:	3517
Source of referral:	PTP
Date Received:	8/13/1999

UCONN FOUNDATION OFFICE BUILDING (Continued) **S104254212**

Staff Assigned:	BOBOWICZ, H. A.
Remediation Program:	PTP
Date dt_assigned:	12/8/1999
Remediation Complete Approved DEP/Verified by LEP:	12/9/1999
Outcome:	PTP
Remedial Id:	611
PTP Id:	3226
Remediation Program:	III
Remediation Program Entered:	Not reported
Staff Assigned:	HAMEL, M.
Remediation Program:	PTP
Date dt_assign:	Not reported
Project Phase:	D
Order issued:	False
Order Number:	Not reported
Date order issued:	Not reported
Remedial Investigation Start:	Not reported
Remedial Investigation Completed:	Not reported
Remedial Design Start:	Not reported
Remedial Design complet:	Not reported
Remedial Action Start:	Not reported
Remedial Action Completed:	Not reported
Date Oper/ maintenance Started:	Not reported
GW monitoring:	False
Remediation complete Approved DEP/Verified by LEP:	Not reported
Order Id:	Not reported
Order Number:	Not reported
Date order issued:	Not reported
Staff Assigned:	Not reported
Type of Order:	Not reported
Order Respondent:	Not reported
Admin Appeal Date:	Not reported
Date of Admin Appeal Ruling:	Not reported
Date of Admin Appeal Ruling:	Not reported
Date of Final Order:	Not reported
Date of Court Appeal:	Not reported
Date of Court Ruling:	Not reported
Date of Court Ruling:	Not reported
Date Order Modified:	Not reported
Date Referred to AG:	Not reported
Judgement:	Not reported
Date of AGR judgement:	Not reported
Penalty assessed:	Not reported
Order Complete:	Not reported
In compliance:	Not reported
Comments:	Not reported

SPILLS:

Year of Database:	1996
Case Number:	9604607
Who Took Spill:	915
Assigned To:	0
Report Date:	09/10/1996
Report Time:	10:00:00
Date Release:	09/10/1996
Time Responded:	10:00:00
Reported By:	STEVE WAWZYNESKI

UCONN FOUNDATION OFFICE BUILDING (Continued) **S104254212**

Phone:	860 4863613
Representing:	UCONN STORRS
Terminated:	YES
Recovd (Total):	0
Total (Water):	0
Facility Status:	closed
Continuous Spill:	False
Released Substance:	NI-CAD BATTERIES
Qty:	0 (Gallons)
Emergency Measure:	DISPERSED
Water Body:	NONE
Discharger:	UCONN
Telephone:	Not reported
Responsible Party:	Not reported
RP Address 1:	Not reported
RP City,St,Zip:	CT
Historic:	False
Waterbody:	False
Time Stamp:	1996-12-23 11:44:07
Sr Inspector:	Capuano, Mike
At Inspctor:	**NO RESPONSE
User Stamp:	Not reported
Comments:	Not reported
Action:	Dispersed
Other Action:	Not reported
Cause ID:	Container Failure
Other Cause:	Not reported
Media ID:	Inside Building
Other Media:	Not reported
Release Type:	gas emission
Other Release:	Not reported

D15 **UCONN GLENNBROOK ROAD** **CT LUST** **S105457767**
SSE **GLENNBROOK ROAD** **CT RGA LUST** **N/A**
1/8-1/4 **STORRS MANSFIELD, CT 06268** **CT CPCS**
0.203 mi.
1074 ft. **Site 2 of 6 in cluster D**

Relative:
Higher

Actual:
625 ft.

LUST:

LUST Id:	3340
UST Facility Id:	9997
LUST Case Id:	31389
Lust Status:	Lust Completed
Processing Status:	Not reported
EPA Reportable:	False
Motor Fuel:	False
Diesel:	False
Gasoline:	False
Other:	False
Other Release:	Not reported
No Release:	False
Leak:	False
Tank:	False
Piping:	False
Overfill:	False
Removal:	False
Incident Date:	07/23/1998
Entry Date:	Not reported

UCONN GLENNBROOK ROAD (Continued) **S105457767**

Site Case Id:	Not reported
UST Site Id:	Not reported
Cost Recovery Spill Case #:	Not reported
Old SITS Number:	Not reported
Case Log Id:	Not reported
Monthly Report Id:	0
UST Owner Id:	7420
LUST Owner Id:	Not reported
UST Event Id:	3381
Contact Info:	Not reported
Contact EMail:	Not reported
Site Contact City,St,Zip:	UNKNOWN, UNKNOWN
2nd Contact:	Not reported
2nd Contact EMail:	Not reported
2nd Contact Address:	Not reported
2nd Contact City,St,Zip:	UNKNOWN
2nd Contact Address 2:	Not reported
2nd Contact City 2:	Not reported
2nd Contact Phone Number:	Not reported
2nd Contact Fax Number:	Not reported
2nd Contact Type:	Not reported
Facility City Num:	78
Site Contact:	Joe Cruse
Site Contact Address:	Bechtel, Fusco Joint Venture
Site Contact Add 2:	Not reported
Site Contact City 2:	ZipCode Unknown
Site Contact Phone:	(860) 427-7612
Site Contact Fax:	Not reported
Site Contact Type:	Not reported
Department Contact 1:	Not reported
Department Contact 2:	Not reported
Referral Source:	Not reported
Offsite Source:	False
Date Referred:	Not reported
Emergency:	False
Private Heating Fuel:	False
Commercial Heating Fuel:	True
Commercial HF < 2100 Gal.:	False
Commercial HF > 2100 Gal.:	True
Commercial HF - Size Unk:	False
No LUST Site:	False
Cost Recvry Prgm Candidate:	False
OCSRD Complete:	False
Follow Up Flag:	False
Alternate Water Supply:	False
Relocation:	False
Responsible Party:	False
Responsible EMail:	Not reported
Resp Party Name:	Not reported
Resp Party Address:	Not reported
Resp Party City,St,Zip:	Not reported
Resp Party Town Number:	UNKNOWN
Resp Party Phone:	Not reported
Resp Party Fax:	Not reported
Resp Party Name 2:	Not reported
Resp Party Address 2:	Not reported
Resp Party Phone 2:	Not reported

UCONN GLENNBROOK ROAD (Continued) **S105457767**

Investigator Id:	29
Follow Update:	Not reported
Area Lextent:	Not reported
Annual Precipitation:	Not reported
Affected Population:	Not reported
Population Setting:	Not reported
Ground Water Direction:	Not reported
Ground Water Gradient:	Not reported
Hydro Basin:	Not reported
Drastic:	Not reported
Geo Setting:	Not reported
Ground Water Classification:	Not reported
Receptor:	Not reported
Ground Water Flow Direction:	Not reported
Ground Water Depth:	Not reported
Areas Of Concern:	Not reported
Free Product Inches:	Not reported
Fund Date:	Not reported
Fund Planned:	No
Fund Obligated:	No
Fund Outlayed:	No
Fund Judgment:	No
Fund Recovered:	No
Cellar Borings:	False
Install Micro Wells:	False
Ground Water Sample:	False
Soil Sample:	False
Soil Gas:	False
Site Inspect:	False
Soil Excavate:	False
Geo Probe:	False
Survey:	False
Potable Well Sample:	False
Sample MWS:	False
Ground Water Gauging:	False
Soil Venting:	False
Active:	False
NOV Action:	None
NOV Issued:	Not reported
NOV Due:	Not reported
NOV Received:	Not reported
NOV Closed:	Not reported
NOV Disc Date:	Not reported
NOV Issued Date:	Not reported
NOV Compliance Sched:	Not reported
NOV Admin Order:	Not reported
NOV Referred To Ag:	Not reported
Stop All NOV Actions:	False
Release Invest Rpt:	False
DEP App Letter 1:	False
Correct Action Plan:	False
DEP App Letter 2:	False
Rem Sys Install:	False
Rem Sys Install Date:	Not reported
Closure Date:	Not reported
Rem Sys Monitoring Rpt:	False
Qrtly Gwater Mon Rpts:	False

UCONN GLENNBROOK ROAD (Continued) **S105457767**

Closure Req Rpt:	False
DEP Closure Letter:	False
Referred To:	Not reported
No Wells:	Not reported
Lph Wells:	Not reported
User Stamp:	Not reported
Date Stamp:	Not reported
Correspondence:	Not reported
Environmental Impact:	Not reported
FollowUp:	Not reported
GW Comments:	Not reported
Location Desc:	Not reported
NOV Comments:	Not reported
Release Desc:	Not reported
Running Comments:	Not reported
Work Performed:	Not reported

RGA LUST:

2012	UCONN GLENNBROOK ROAD	GLENNBROOK ROAD
2011	UCONN GLENNBROOK ROAD	GLENNBROOK ROAD
2010	UCONN GLENNBROOK ROAD	GLENNBROOK ROAD
2009	UCONN GLENNBROOK ROAD	GLENNBROOK ROAD
2008	UCONN GLENNBROOK ROAD	GLENNBROOK ROAD
2006	UCONN GLENNBROOK ROAD	GLENNBROOK ROAD
2004	UCONN GLENNBROOK ROAD	GLENNBROOK ROAD
2003	UCONN GLENNBROOK ROAD	GLENNBROOK ROAD
2002	UCONN GLENNBROOK ROAD	GLENNBROOK ROAD

CPCS:

Site Type:	LUST
Lust Status:	LUST Completed (DEP's significant hazard definition)
PTP Form:	Not reported
Program:	Not reported
Comments:	Not reported
Site Type Definition:	Leaking Underground Storage Tanks Completed

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D16 **UNIVERSITY OF CT DEPOT CAMPUS** **RCRA-SQG** **1000858542**
SSE **DEPOT CAMPUS RT 44** **CT5000000406**
1/8-1/4 **STORRS, CT 06269**
0.203 mi.
1074 ft. **Site 3 of 6 in cluster D**

Relative:
Higher

Actual:
625 ft.

RCRA-SQG:

Date form received by agency:	10/24/2005
Facility name:	UNIVERSITY OF CT DEPOT CAMPUS
Facility address:	DEPOT CAMPUS RT 44 STORRS, CT 062694097
EPA ID:	CT5000000406
Mailing address:	3102 HOSREBARN HILL RD. U-4097 STORRS, CT 062694097
Contact:	STEFAN WAWZYNIECKI
Contact address:	3102 HORSEBARN HILL RD U-4097 STORRS, CT 062694097
Contact country:	US
Contact telephone:	(860) 486-3613
Contact email:	STEFAN.W@UCONN.EDU
EPA Region:	01

UNIVERSITY OF CT DEPOT CAMPUS (Continued) **1000858542**

Land type: State
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: STATE OF CONNECTICUT
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 07/01/1993
Owner/Op end date: Not reported

Owner/operator name: STATE OF CONNECTICUT
Owner/operator address: Not reported
06269
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 07/01/1993
Owner/Op end date: Not reported

Owner/operator name: STATE OF CONNECTICUT
Owner/operator address: ROUTE 195
STORRS, CT 06269
Owner/operator country: Not reported
Owner/operator telephone: (860) 486-3613
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Owner/operator name: UNIVERSITY OF CONNECTICUT
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 07/01/1993
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No

UNIVERSITY OF CT DEPOT CAMPUS (Continued) **1000858542**

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/02/2005
Facility name: UNIVERSITY OF CT DEPOT CAMPUS
Classification: Small Quantity Generator

Date form received by agency: 02/23/2004
Facility name: UNIVERSITY OF CT DEPOT CAMPUS
Classification: Large Quantity Generator

Date form received by agency: 02/25/2002
Facility name: UNIVERSITY OF CT DEPOT CAMPUS
Site name: UNIVERSITY OF CONNECTICUT - DEPOT CAMPUS
Classification: Large Quantity Generator

Date form received by agency: 02/25/2002
Facility name: UNIVERSITY OF CT DEPOT CAMPUS
Site name: UNIVERSITY OF CONNECTICUT - DEPOT CAMPUS
Classification: Large Quantity Generator

Date form received by agency: 07/17/2001
Facility name: UNIVERSITY OF CT DEPOT CAMPUS
Site name: UNIVERSITY OF CONNECTICUT
Classification: Large Quantity Generator

Date form received by agency: 02/27/1998
Facility name: UNIVERSITY OF CT DEPOT CAMPUS
Site name: UNIV OF CONN ENVR RESEARCH
Classification: Large Quantity Generator

Date form received by agency: 10/21/1993
Facility name: UNIVERSITY OF CT DEPOT CAMPUS
Site name: UNIVERSITY OF CONNECTICUT
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS

UNIVERSITY OF CT DEPOT CAMPUS (Continued) **1000858542**

CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D005
Waste name: BARIUM

Waste code: D006
Waste name: CADMIUM

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D011
Waste name: SILVER

Waste code: D022
Waste name: CHLOROFORM

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS

UNIVERSITY OF CT DEPOT CAMPUS (Continued) **1000858542**

LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: U003
Waste name: ACETONITRILE (I,T)

Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D018
Waste name: BENZENE

Waste code: D022
Waste name: CHLOROFORM

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

UNIVERSITY OF CT DEPOT CAMPUS (Continued) **1000858542**

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D004
Waste name: ARSENIC

Waste code: D005
Waste name: BARIUM

Waste code: D006
Waste name: CADMIUM

Waste code: D007
Waste name: CHROMIUM

UNIVERSITY OF CT DEPOT CAMPUS (Continued) **1000858542**

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D010
Waste name: SELENIUM

Waste code: D011
Waste name: SILVER

Waste code: D018
Waste name: BENZENE

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: P022
Waste name: CARBON DISULFIDE

Waste code: U002
Waste name: ACETONE (I)

Waste code: U019

UNIVERSITY OF CT DEPOT CAMPUS (Continued) **1000858542**

Waste name: BENZENE (I,T)

Waste code: U209
Waste name: ETHANE, 1,1,2,2-TETRACHLORO-

Waste code: U218
Waste name: ETHANETHIOAMIDE

Waste code: U220
Waste name: BENZENE, METHYL-

Waste code: U228
Waste name: ETHENE, TRICHLORO-

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/29/2008
Date achieved compliance: 06/18/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/29/2008
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 06/18/2008
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 03/17/2008
Date achieved compliance: 06/04/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/29/2008
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 06/18/2008
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 22a-449(c)-102(a)(1)
Area of violation: Generators - General
Date violation determined: 05/29/2001
Date achieved compliance: 01/09/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/19/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

UNIVERSITY OF CT DEPOT CAMPUS (Continued) **1000858542**

Regulation violated: SR - 22a-449(c)-102(c)
Area of violation: Generators - General
Date violation determined: 05/29/2001
Date achieved compliance: 01/09/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/19/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 22a-449(c)-102(b)(2)
Area of violation: Generators - Pre-transport
Date violation determined: 05/29/2001
Date achieved compliance: 01/09/2002
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 03/15/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 22a-449(c)-102(b)(1)
Area of violation: Transporters - General
Date violation determined: 05/29/2001
Date achieved compliance: 01/09/2002
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 03/15/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 22a-449(c)-102(a)(2)(B)
Area of violation: Generators - Pre-transport
Date violation determined: 05/29/2001
Date achieved compliance: 01/09/2002
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 03/15/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 22a-449(c)-102(a)(1)

UNIVERSITY OF CT DEPOT CAMPUS (Continued) **1000858542**

Area of violation: Generators - General
Date violation determined: 05/29/2001
Date achieved compliance: 01/09/2002
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 03/15/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 22a-449(c)-102(a)(2)(B)
Area of violation: Generators - Pre-transport
Date violation determined: 05/29/2001
Date achieved compliance: 01/09/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/19/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 22a-449(c)-102(a)(1)
Area of violation: Generators - Manifest
Date violation determined: 05/29/2001
Date achieved compliance: 01/09/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/19/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 22a-449(c)-102(b)(2)
Area of violation: Generators - Pre-transport
Date violation determined: 05/29/2001
Date achieved compliance: 01/09/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/19/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 22a-449(c)-102(b)(1)
Area of violation: Transporters - General

UNIVERSITY OF CT DEPOT CAMPUS (Continued) **1000858542**

Date violation determined: 05/29/2001
Date achieved compliance: 01/09/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/19/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 22a-449(c)-102(c)
Area of violation: Generators - General
Date violation determined: 05/29/2001
Date achieved compliance: 01/09/2002
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 03/15/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 22a-449(c)-102(a)(1)
Area of violation: Generators - Manifest
Date violation determined: 05/29/2001
Date achieved compliance: 01/09/2002
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 03/15/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 04/29/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/18/2008
Evaluation lead agency: State

Evaluation date: 03/17/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 06/04/2008
Evaluation lead agency: State

Evaluation date: 05/29/2001
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Transporters - General
Date achieved compliance: 01/09/2002

UNIVERSITY OF CT DEPOT CAMPUS (Continued) **1000858542**

Evaluation lead agency:	State
Evaluation date:	05/29/2001
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Generators - Manifest
Date achieved compliance:	01/09/2002
Evaluation lead agency:	State
Evaluation date:	05/29/2001
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Generators - Pre-transport
Date achieved compliance:	01/09/2002
Evaluation lead agency:	State
Evaluation date:	05/29/2001
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Generators - General
Date achieved compliance:	01/09/2002
Evaluation lead agency:	State

D17 **UCONN PHYSICS DEPT. BUILDING** **CT LUST** **S105738815**
SSE **N. EAGLEVILL RD.** **CT RGA LUST** **N/A**
1/8-1/4 **STORRS, CT 06268** **CT CPCS**
0.203 mi.
1074 ft. **Site 4 of 6 in cluster D**

Relative:
Higher

Actual:
625 ft.

LUST:

LUST Id:	0
UST Facility Id:	0
LUST Case Id:	45122
Lust Status:	Pending
Processing Status:	OCSRD case; closed
EPA Reportable:	False
Motor Fuel:	False
Diesel:	False
Gasoline:	False
Other:	False
Other Release:	Not reported
No Release:	False
Leak:	False
Tank:	False
Piping:	False
Overfill:	False
Removal:	False
Incident Date:	Not reported
Entry Date:	Not reported
Site Case Id:	Not reported
UST Site Id:	0
Cost Recovery Spill Case #:	0
Old SITS Number:	0
Case Log Id:	270
Monthly Report Id:	0
UST Owner Id:	0
LUST Owner Id:	Not reported
UST Event Id:	0
Contact Info:	John Santacroce (OCSRD)
Contact EMail:	Not reported
Site Contact City,St,Zip:	UNKNOWN
2nd Contact:	Not reported

UCONN PHYSICS DEPT. BUILDING (Continued) **S105738815**

2nd Contact EMail:	Not reported
2nd Contact Address:	Not reported
2nd Contact City,St,Zip:	UNKNOWN
2nd Contact Address 2:	Not reported
2nd Contact City 2:	Not reported
2nd Contact Phone Number:	Not reported
2nd Contact Fax Number:	Not reported
2nd Contact Type:	Not reported
Facility City Num:	78
Site Contact:	Not reported
Site Contact Address:	Not reported
Site Contact Add 2:	Not reported
Site Contact City 2:	Not reported
Site Contact Phone:	Not reported
Site Contact Fax:	Not reported
Site Contact Type:	Not reported
Department Contact 1:	Not reported
Department Contact 2:	Not reported
Referral Source:	OCSRD-James Santacroce
Offsite Source:	False
Date Referred:	1994-01-13 00:00:00
Emergency:	False
Private Heating Fuel:	False
Commercial Heating Fuel:	False
Commercial HF < 2100 Gal.:	False
Commercial HF > 2100 Gal.:	False
Commercial HF - Size Unk:	False
No LUST Site:	False
Cost Recvry Prgm Candidate:	False
OCSRD Complete:	False
Follow Up Flag:	False
Alternate Water Supply:	False
Relocation:	False
Responsible Party:	False
Responsible EMail:	Not reported
Resp Party Name:	Not reported
Resp Party Address:	Not reported
Resp Party City,St,Zip:	Not reported
Resp Party Town Number:	UNKNOWN
Resp Party Phone:	Not reported
Resp Party Fax:	Not reported
Resp Party Name 2:	Not reported
Resp Party Address 2:	Not reported
Resp Party Phone 2:	Not reported
Investigator Id:	0
Follow Update:	Not reported
Area Lextent:	Not reported
Annual Precipitation:	Not reported
Affected Population:	Not reported
Population Setting:	Not reported
Ground Water Direction:	Not reported
Ground Water Gradient:	Not reported
Hydro Basin:	Not reported
Drastic:	Not reported
Geo Setting:	Not reported
Ground Water Classification:	Not reported
Receptor:	Not reported

UCONN PHYSICS DEPT. BUILDING (Continued) **S105738815**

Ground Water Flow Direction:	Not reported
Ground Water Depth:	Not reported
Areas Of Concern:	Not reported
Free Product Inches:	Not reported
Fund Date:	Not reported
Fund Planned:	No
Fund Obligated:	No
Fund Outlayed:	No
Fund Judgment:	No
Fund Recovered:	No
Cellar Borings:	False
Install Micro Wells:	False
Ground Water Sample:	False
Soil Sample:	False
Soil Gas:	False
Site Inspect:	False
Soil Excavate:	False
Geo Probe:	False
Survey:	False
Potable Well Sample:	False
Sample MWS:	False
Ground Water Gauging:	False
Soil Venting:	False
Active:	False
NOV Action:	None
NOV Issued:	Not reported
NOV Due:	Not reported
NOV Received:	Not reported
NOV Closed:	Not reported
NOV Disc Date:	Not reported
NOV Issued Date:	Not reported
NOV Compliance Sched:	Not reported
NOV Admin Order:	Not reported
NOV Referred To Ag:	Not reported
Stop All NOV Actions:	False
Release Invest Rpt:	False
DEP App Letter 1:	False
Correct Action Plan:	False
DEP App Letter 2:	False
Rem Sys Install:	False
Rem Sys Install Date:	Not reported
Closure Date:	Not reported
Rem Sys Monitoring Rpt:	False
Qrtly Gwater Mon Rpts:	False
Closure Req Rpt:	False
DEP Closure Letter:	False
Referred To:	Not reported
No Wells:	Not reported
Lph Wells:	Not reported
User Stamp:	Not reported
Date Stamp:	Not reported
Correspondence:	Not reported
Environmental Impact:	Not reported
FollowUp:	Not reported
GW Comments:	Not reported
Location Desc:	Not reported
NOV Comments:	Not reported

UCONN PHYSICS DEPT. BUILDING (Continued) **S105738815**

Release Desc: Not reported
Running Comments: Not reported
Work Performed: Not reported

RGA LUST:

2012	UCONN PHYSICS DEPT. BUILDING	N. EAGLEVILL RD.
2011	UCONN PHYSICS DEPT. BUILDING	N. EAGLEVILL RD.
2010	UCONN PHYSICS DEPT. BUILDING	N. EAGLEVILL RD.
2009	UCONN PHYSICS DEPT. BUILDING	N. EAGLEVILL RD.
2008	UCONN PHYSICS DEPT. BUILDING	N. EAGLEVILL RD.
2006	UCONN PHYSICS DEPT. BUILDING	N. EAGLEVILL RD.
2004	UCONN PHYSICS DEPT. BUILDING	N. EAGLEVILL RD.
2003	UCONN PHYSICS DEPT. BUILDING	N. EAGLEVILL RD.

CPCS:

Site Type: LUST
Lust Status: Pending
PTP Form: Not reported
Program: Not reported
Comments: Not reported
Site Type Definition: Leaking Underground Storage Tanks Pending

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D18 **UCONN GEOPHYSICS BLDG** **CT LUST** **S105738813**
SSE **UCONN CAMPUS** **CT RGA LUST** **N/A**
1/8-1/4 **STORRS, CT 06268** **CT CPCS**
0.203 mi.
1074 ft. **Site 5 of 6 in cluster D**

Relative:
Higher

Actual:
625 ft.

LUST:

LUST Id: 0
UST Facility Id: 0
LUST Case Id: 45120
Lust Status: Pending
Processing Status: demo
EPA Reportable: False
Motor Fuel: False
Diesel: False
Gasoline: False
Other: False
Other Release: Not reported
No Release: True
Leak: False
Tank: False
Piping: False
Overfill: False
Removal: False
Incident Date: Not reported
Entry Date: Not reported
Site Case Id: Not reported
UST Site Id: 0
Cost Recovery Spill Case #: 0
Old SITS Number: 0
Case Log Id: 267
Monthly Report Id: 0
UST Owner Id: 0
LUST Owner Id: Not reported
UST Event Id: 0

UCONN GEOPHYSICS BLDG (Continued) **S105738813**

Contact Info:	Gary Robbins UCONN
Contact EMail:	Not reported
Site Contact City,St,Zip:	UNKNOWN
2nd Contact:	Not reported
2nd Contact EMail:	Not reported
2nd Contact Address:	Not reported
2nd Contact City,St,Zip:	UNKNOWN
2nd Contact Address 2:	Not reported
2nd Contact City 2:	Not reported
2nd Contact Phone Number:	Not reported
2nd Contact Fax Number:	Not reported
2nd Contact Type:	Not reported
Facility City Num:	78
Site Contact:	Not reported
Site Contact Address:	Not reported
Site Contact Add 2:	Not reported
Site Contact City 2:	Not reported
Site Contact Phone:	Not reported
Site Contact Fax:	Not reported
Site Contact Type:	Not reported
Department Contact 1:	Not reported
Department Contact 2:	Not reported
Referral Source:	Gary Robbins
Offsite Source:	False
Date Referred:	1995-02-23 00:00:00
Emergency:	False
Private Heating Fuel:	False
Commercial Heating Fuel:	False
Commercial HF < 2100 Gal.:	False
Commercial HF > 2100 Gal.:	False
Commercial HF - Size Unk:	False
No LUST Site:	True
Cost Recvry Prgm Candidate:	False
OCSRD Complete:	False
Follow Up Flag:	False
Alternate Water Supply:	False
Relocation:	False
Responsible Party:	False
Responsible EMail:	Not reported
Resp Party Name:	Not reported
Resp Party Address:	Not reported
Resp Party City,St,Zip:	Not reported
Resp Party Town Number:	UNKNOWN
Resp Party Phone:	Not reported
Resp Party Fax:	Not reported
Resp Party Name 2:	Not reported
Resp Party Address 2:	Not reported
Resp Party Phone 2:	Not reported
Investigator Id:	0
Follow Update:	Not reported
Area Lextent:	Not reported
Annual Precipitation:	Not reported
Affected Population:	Not reported
Population Setting:	Not reported
Ground Water Direction:	Not reported
Ground Water Gradient:	Not reported
Hydro Basin:	Not reported

UCONN GEOPHYSICS BLDG (Continued) **S105738813**

Drastic:	Not reported
Geo Setting:	Not reported
Ground Water Classification:	Not reported
Receptor:	Not reported
Ground Water Flow Direction:	Not reported
Ground Water Depth:	Not reported
Areas Of Concern:	Not reported
Free Product Inches:	Not reported
Fund Date:	Not reported
Fund Planned:	No
Fund Obligated:	No
Fund Outlayed:	No
Fund Judgment:	No
Fund Recovered:	No
Cellar Borings:	False
Install Micro Wells:	False
Ground Water Sample:	True
Soil Sample:	False
Soil Gas:	False
Site Inspect:	False
Soil Excavate:	False
Geo Probe:	False
Survey:	False
Potable Well Sample:	False
Sample MWS:	False
Ground Water Gauging:	False
Soil Venting:	False
Active:	False
NOV Action:	None
NOV Issued:	Not reported
NOV Due:	Not reported
NOV Received:	Not reported
NOV Closed:	Not reported
NOV Disc Date:	Not reported
NOV Issued Date:	Not reported
NOV Compliance Sched:	Not reported
NOV Admin Order:	Not reported
NOV Referred To Ag:	Not reported
Stop All NOV Actions:	False
Release Invest Rpt:	False
DEP App Letter 1:	False
Correct Action Plan:	False
DEP App Letter 2:	False
Rem Sys Install:	False
Rem Sys Install Date:	Not reported
Closure Date:	Not reported
Rem Sys Monitoring Rpt:	False
Qrtly Gwater Mon Rpts:	False
Closure Req Rpt:	False
DEP Closure Letter:	False
Referred To:	Not reported
No Wells:	Not reported
Lph Wells:	Not reported
User Stamp:	Kelly McShea/kmcshea
Date Stamp:	04/01/2008
Correspondence:	Not reported
Environmental Impact:	Not reported

UCONN GEOPHYSICS BLDG (Continued) **S105738813**

FollowUp:	Not reported
GW Comments:	Not reported
Location Desc:	Not reported
NOV Comments:	Not reported
Release Desc:	Not reported
Running Comments:	Not reported
Work Performed:	Not reported

RGA LUST:

2012	UCONN GEOPHYSICS BLDG	UCONN CAMPUS
2011	UCONN GEOPHYSICS BLDG	UCONN CAMPUS
2010	UCONN GEOPHYSICS BLDG	UCONN CAMPUS
2009	UCONN GEOPHYSICS BLDG	UCONN CAMPUS
2008	UCONN GEOPHYSICS BLDG	UCONN CAMPUS
2006	UCONN GEOPHYSICS BLDG	UCONN CAMPUS
2004	UCONN GEOPHYSICS BLDG	UCONN CAMPUS
2003	UCONN GEOPHYSICS BLDG	UCONN CAMPUS

CPCS:

Site Type:	LUST
Lust Status:	Pending
PTP Form:	Not reported
Program:	Not reported
Comments:	Not reported
Site Type Definition:	Leaking Underground Storage Tanks Pending

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D19 **UCONN PUMPING STATION** **CT LUST** **S105738816**
SSE **FENTON RIVER** **CT RGA LUST** **N/A**
1/8-1/4 **STORRS, CT 06268** **CT CPCS**
0.203 mi.
1074 ft. **Site 6 of 6 in cluster D**

Relative:
Higher

Actual:
625 ft.

LUST:

LUST Id:	0
UST Facility Id:	0
LUST Case Id:	45123
Lust Status:	Pending
Processing Status:	closed
EPA Reportable:	False
Motor Fuel:	False
Diesel:	False
Gasoline:	False
Other:	False
Other Release:	Not reported
No Release:	False
Leak:	False
Tank:	False
Piping:	False
Overfill:	False
Removal:	False
Incident Date:	Not reported
Entry Date:	Not reported
Site Case Id:	Not reported
UST Site Id:	0
Cost Recovery Spill Case #:	0
Old SITS Number:	0
Case Log Id:	271

UCONN PUMPING STATION (Continued) **S105738816**

Monthly Report Id:	0
UST Owner Id:	0
LUST Owner Id:	Not reported
UST Event Id:	0
Contact Info:	NRC-Tom Nosal
Contact EMail:	Not reported
Site Contact City,St,Zip:	UNKNOWN
2nd Contact:	Not reported
2nd Contact EMail:	Not reported
2nd Contact Address:	Not reported
2nd Contact City,St,Zip:	UNKNOWN
2nd Contact Address 2:	Not reported
2nd Contact City 2:	Not reported
2nd Contact Phone Number:	Not reported
2nd Contact Fax Number:	Not reported
2nd Contact Type:	Not reported
Facility City Num:	78
Site Contact:	Not reported
Site Contact Address:	Not reported
Site Contact Add 2:	Not reported
Site Contact City 2:	Not reported
Site Contact Phone:	Not reported
Site Contact Fax:	Not reported
Site Contact Type:	Not reported
Department Contact 1:	Not reported
Department Contact 2:	Not reported
Referral Source:	NRC-Tom Nosal
Offsite Source:	False
Date Referred:	1994-08-31 00:00:00
Emergency:	False
Private Heating Fuel:	False
Commercial Heating Fuel:	False
Commercial HF < 2100 Gal.:	False
Commercial HF > 2100 Gal.:	False
Commercial HF - Size Unk:	False
No LUST Site:	True
Cost Recvry Prgm Candidate:	False
OCSRD Complete:	False
Follow Up Flag:	False
Alternate Water Supply:	False
Relocation:	False
Responsible Party:	False
Responsible EMail:	Not reported
Resp Party Name:	Not reported
Resp Party Address:	Not reported
Resp Party City,St,Zip:	Not reported
Resp Party Town Number:	UNKNOWN
Resp Party Phone:	Not reported
Resp Party Fax:	Not reported
Resp Party Name 2:	Not reported
Resp Party Address 2:	Not reported
Resp Party Phone 2:	Not reported
Investigator Id:	0
Follow Update:	Not reported
Area Lextent:	Not reported
Annual Precipitation:	Not reported
Affected Population:	Not reported

UCONN PUMPING STATION (Continued) **S105738816**

Population Setting:	Not reported
Ground Water Direction:	Not reported
Ground Water Gradient:	Not reported
Hydro Basin:	Not reported
Drastic:	Not reported
Geo Setting:	Not reported
Ground Water Classification:	Not reported
Receptor:	Not reported
Ground Water Flow Direction:	Not reported
Ground Water Depth:	Not reported
Areas Of Concern:	Not reported
Free Product Inches:	Not reported
Fund Date:	Not reported
Fund Planned:	No
Fund Obligated:	No
Fund Outlayed:	No
Fund Judgment:	No
Fund Recovered:	No
Cellar Borings:	False
Install Micro Wells:	False
Ground Water Sample:	False
Soil Sample:	False
Soil Gas:	False
Site Inspect:	False
Soil Excavate:	False
Geo Probe:	False
Survey:	False
Potable Well Sample:	False
Sample MWS:	False
Ground Water Gauging:	False
Soil Venting:	False
Active:	False
NOV Action:	None
NOV Issued:	Not reported
NOV Due:	Not reported
NOV Received:	Not reported
NOV Closed:	Not reported
NOV Disc Date:	Not reported
NOV Issued Date:	Not reported
NOV Compliance Sched:	Not reported
NOV Admin Order:	Not reported
NOV Referred To Ag:	Not reported
Stop All NOV Actions:	False
Release Invest Rpt:	False
DEP App Letter 1:	False
Correct Action Plan:	False
DEP App Letter 2:	False
Rem Sys Install:	False
Rem Sys Install Date:	Not reported
Closure Date:	Not reported
Rem Sys Monitoring Rpt:	False
Qrtly Gwater Mon Rpts:	False
Closure Req Rpt:	False
DEP Closure Letter:	False
Referred To:	Not reported
No Wells:	Not reported
Lph Wells:	Not reported

UCONN PUMPING STATION (Continued) **S105738816**

User Stamp:	Kelly McShea/kmcshea
Date Stamp:	04/01/2008
Correspondence:	Not reported
Environmental Impact:	Not reported
FollowUp:	Not reported
GW Comments:	Not reported
Location Desc:	Not reported
NOV Comments:	Not reported
Release Desc:	Not reported
Running Comments:	Not reported
Work Performed:	Not reported

RGA LUST:

2012	UCONN PUMPING STATION	FENTON RIVER
2011	UCONN PUMPING STATION	FENTON RIVER
2010	UCONN PUMPING STATION	FENTON RIVER
2009	UCONN PUMPING STATION	FENTON RIVER
2008	UCONN PUMPING STATION	FENTON RIVER
2006	UCONN PUMPING STATION	FENTON RIVER
2004	UCONN PUMPING STATION	FENTON RIVER
2003	UCONN PUMPING STATION	FENTON RIVER

CPCS:

Site Type:	LUST
Lust Status:	Pending
PTP Form:	Not reported
Program:	Not reported
Comments:	Not reported
Site Type Definition:	Leaking Underground Storage Tanks Pending

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20
ENE
1/8-1/4
0.214 mi.
1132 ft.

UCONN MOTOR POOL
NORTH EAGLEVILLE RD.
MANSFIELD, CT 06268

CT LUST **S105839898**
CT RGA LUST **N/A**
CT CPCS

Relative:
Higher

Actual:
602 ft.

LUST:

LUST Id:	710
UST Facility Id:	6005
LUST Case Id:	28855
Lust Status:	Lust Completed
Processing Status:	Not reported
EPA Reportable:	True
Motor Fuel:	True
Diesel:	False
Gasoline:	True
Other:	True
Other Release:	Waste Oil
No Release:	False
Leak:	False
Tank:	True
Piping:	False
Overfill:	False
Removal:	True
Incident Date:	02/20/1987
Entry Date:	Not reported
Site Case Id:	Not reported

UCONN MOTOR POOL (Continued) **S105839898**

UST Site Id:	564
Cost Recovery Spill Case #:	Not reported
Old SITS Number:	198700199
Case Log Id:	268
Monthly Report Id:	0
UST Owner Id:	7426
LUST Owner Id:	Not reported
UST Event Id:	709
Contact Info:	Not reported
Contact EMail:	Not reported
Site Contact City,St,Zip:	UNKNOWN
2nd Contact:	Herbert Woike (Fuss and O'Neill)
2nd Contact EMail:	Not reported
2nd Contact Address:	146 Hartford Road
2nd Contact City,St,Zip:	77, CT 06040
2nd Contact Address 2:	Not reported
2nd Contact City 2:	Manchester
2nd Contact Phone Number:	8605335128
2nd Contact Fax Number:	8605335133
2nd Contact Type:	Not reported
Facility City Num:	78
Site Contact:	Not reported
Site Contact Address:	Not reported
Site Contact Add 2:	Not reported
Site Contact City 2:	Not reported
Site Contact Phone:	Not reported
Site Contact Fax:	Not reported
Site Contact Type:	Not reported
Department Contact 1:	Not reported
Department Contact 2:	Not reported
Referral Source:	Not reported
Offsite Source:	False
Date Referred:	Not reported
Emergency:	False
Private Heating Fuel:	False
Commercial Heating Fuel:	False
Commercial HF < 2100 Gal.:	False
Commercial HF > 2100 Gal.:	False
Commercial HF - Size Unk:	False
No LUST Site:	False
Cost Recvry Prgm Candidate:	False
OCSRD Complete:	False
Follow Up Flag:	False
Alternate Water Supply:	False
Relocation:	False
Responsible Party:	False
Responsible EMail:	Not reported
Resp Party Name:	University of Connecticut
Resp Party Address:	31 Ledoyt Road
Resp Party City,St,Zip:	Storrs, CT 062693055
Resp Party Town Number:	78
Resp Party Phone:	8604899305
Resp Party Fax:	8604865477
Resp Party Name 2:	Not reported
Resp Party Address 2:	Not reported
Resp Party Phone 2:	Not reported
Investigator Id:	20

UCONN MOTOR POOL (Continued) **S105839898**

Follow Update:	Not reported
Area Lextent:	Not reported
Annual Precipitation:	Not reported
Affected Population:	Not reported
Population Setting:	Not reported
Ground Water Direction:	Not reported
Ground Water Gradient:	Not reported
Hydro Basin:	Not reported
Drastic:	Not reported
Geo Setting:	Not reported
Ground Water Classification:	GAA
Receptor:	Not reported
Ground Water Flow Direction:	Not reported
Ground Water Depth:	2.05 to 9 ftbg
Areas Of Concern:	Not reported
Free Product Inches:	0
Fund Date:	Not reported
Fund Planned:	No
Fund Obligated:	No
Fund Outlayed:	No
Fund Judgment:	No
Fund Recovered:	No
Cellar Borings:	False
Install Micro Wells:	False
Ground Water Sample:	False
Soil Sample:	False
Soil Gas:	False
Site Inspect:	False
Soil Excavate:	False
Geo Probe:	False
Survey:	False
Potable Well Sample:	False
Sample MWS:	False
Ground Water Gauging:	False
Soil Venting:	False
Active:	False
NOV Action:	None
NOV Issued:	Not reported
NOV Due:	Not reported
NOV Received:	Not reported
NOV Closed:	Not reported
NOV Disc Date:	Not reported
NOV Issued Date:	Not reported
NOV Compliance Sched:	Not reported
NOV Admin Order:	Not reported
NOV Referred To Ag:	Not reported
Stop All NOV Actions:	False
Release Invest Rpt:	False
DEP App Letter 1:	False
Correct Action Plan:	False
DEP App Letter 2:	False
Rem Sys Install:	False
Rem Sys Install Date:	Not reported
Closure Date:	Not reported
Rem Sys Monitoring Rpt:	False
Qrtly Gwater Mon Rpts:	False
Closure Req Rpt:	False

UCONN MOTOR POOL (Continued) **S105839898**

DEP Closure Letter:	False
Referred To:	Not reported
No Wells:	11
Lph Wells:	0
User Stamp:	Allison Forrest/ForrestA
Date Stamp:	05/01/2012
Correspondence:	Action: Monitoring Report Issued:9/28/1998 Received:9/30/ 1999 3rd post-remediation monitoring well report (sampled 2 bedrock w ells on-site.) Action: Monitoring Report Issued:4/1/1999 Received:4/6/1999 4th post-remediation monitoring report
Environmental Impact:	Not reported
FollowUp:	Not reported
GW Comments:	Not reported
Location Desc:	Not reported
NOV Comments:	Not reported
Release Desc:	Not reported
Running Comments:	Not reported
Work Performed:	Not reported

RGA LUST:

2012 UCONN MOTOR POOL 9 NORTH EAGLEVILLE ROAD (9 HILLSIDE CIRCLE)
2011 UCONN MOTOR POOL 9 NORTH EAGLEVILLE ROAD (9 HILLSIDE CIRCLE)

CPCS:

Site Type:	LUST
Lust Status:	Cleanup Initiated
PTP Form:	Not reported
Program:	Not reported
Comments:	Spill Report Id: 87-199Ust Cleanup Account Id: 564Spill Report 87-199 States That 2x5k And 1x5k Gasoline Tanks Were Tested And Suction Lines Leaked. Tanks Were Pumped Out And Removed From The Service Station. A 550 Wo Tank Will Also Be Removed.
Site Type Definition:	Leaking Underground Storage Tanks Rem. Started

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E21 SSE 1/8-1/4 0.239 mi. 1264 ft. **UCONN PSYCHOLOGY BUILDING** **CT UST** **U004140731**
406 BABBIDGE RD **N/A**
STORRS MANSFIELD, CT 06269

Site 1 of 2 in cluster E

Relative: Higher

Actual: 630 ft.

UST:

Facility Id:	78-12392
Latitude:	41.806797
Longitude:	-72.250003
Owner:	UNIVERSITY OF CONNECTICUT
Owner Address:	31 LEDOYT RD
Owner Address 2:	Not reported
Owner City,St,Zip:	STORRS MANSFIELD, CT 062693055
Tank ID:	12392-1
Compartment ID:	12392-1
Compartment Num:	1

UCONN PSYCHOLOGY BUILDING (Continued) **U004140731**

Alt. Tank ID:	A1
Tank Status:	**Currently In Use**
Tank Material:	Fiberglass Reinforced Plastic
Secondary Material:	Double-Walled
Capacity:	2000
Substance:	Diesel
Date Installed:	06/01/1993
Date Last Used:	Not reported
Closure Status:	**Not reported**
Pipe Material:	Flexible Plastic
Pipe Mode Description:	Double-Walled
Spill Installed:	Spill Bucket
Overfill Installed:	Flapper Valve

E22 **SENATOR THOMAS J. DODD RESEARCH CENTER** **CT UST** **U004140640**
SSE **405 BABBIDGE RD** **N/A**
1/8-1/4 **STORRS MANSFIELD, CT 06269**
0.240 mi.
1268 ft. **Site 2 of 2 in cluster E**

Relative:
Higher

Actual:
631 ft.

UST:

Facility Id:	78-11440
Latitude:	41.805882
Longitude:	-72.250482
Owner:	UNIVERSITY OF CONNECTICUT
Owner Address:	31 LEDOYT RD
Owner Address 2:	Not reported
Owner City,St,Zip:	STORRS MANSFIELD, CT 062693055

Tank ID:	11440-1
Compartment ID:	11440-1
Compartment Num:	1
Alt. Tank ID:	A-1
Tank Status:	**Currently In Use**
Tank Material:	Fiberglass Reinforced Plastic
Secondary Material:	Double-Walled
Capacity:	4000
Substance:	Diesel
Date Installed:	09/01/1995
Date Last Used:	Not reported
Closure Status:	**Not reported**
Pipe Material:	Rigid Fiberglass Reinforced Plastic
Pipe Mode Description:	Double-Walled
Spill Installed:	Spill Bucket
Overfill Installed:	Audible Alarm,Flapper Valve

F23 **PHARMACY BUILDING** **CT UST** **U004140757**
SSE **372 FAIRFIELD RD** **N/A**
1/8-1/4 **STORRS MANSFIELD, CT 06269**
0.245 mi.
1296 ft. **Site 1 of 2 in cluster F**

Relative:
Higher

Actual:
622 ft.

UST:

Facility Id:	78-12393
Latitude:	Not reported
Longitude:	Not reported

PHARMACY BUILDING (Continued) **U004140757**

Owner:	UNIVERSITY OF CONNECTICUT
Owner Address:	31 LEDOYT RD
Owner Address 2:	Not reported
Owner City,St,Zip:	STORRS MANSFIELD, CT 062693055
Tank ID:	12393-1
Compartment ID:	12393-1
Compartment Num:	1
Alt. Tank ID:	A1
Tank Status:	**Permanently Closed**
Tank Material:	Fiberglass Reinforced Plastic
Secondary Material:	Not reported
Capacity:	2000
Substance:	Diesel
Date Installed:	06/01/1993
Date Last Used:	05/01/2000
Closure Status:	**Tank was Removed From Ground**
Pipe Material:	Other (Specify)
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported

F24 **UCONN BABBIDGE LIBRARY TELECOM** **CT UST** **U004158872**
SSE **371 FAIRFIELD WAY** **N/A**
1/8-1/4 **STORRS MANSFIELD, CT 06269**
0.246 mi.
1298 ft. **Site 2 of 2 in cluster F**

Relative:
Higher

Actual:
622 ft.

UST:

Facility Id:	78-12386
Latitude:	Not reported
Longitude:	Not reported
Owner:	UNIVERSITY OF CONNECTICUT
Owner Address:	31 LEDOYT RD
Owner Address 2:	Not reported
Owner City,St,Zip:	STORRS MANSFIELD, CT 062699014
Tank ID:	12386-1
Compartment ID:	12386-1
Compartment Num:	1
Alt. Tank ID:	A1
Tank Status:	**Currently In Use**
Tank Material:	Fiberglass Reinforced Plastic
Secondary Material:	Not reported
Capacity:	1000
Substance:	Diesel
Date Installed:	Not reported
Date Last Used:	Not reported
Closure Status:	**Not reported**
Pipe Material:	Other (Specify)
Pipe Mode Description:	Cathodically Protected
Spill Installed:	Spill Bucket
Overfill Installed:	Not reported

25
West
1/4-1/2
0.345 mi.
1824 ft.

UCONN FIRE DEPARTMENT
126 NORTH EAGLEVILLE ROAD
MANSFIELD, CT 06269

CT LUST
CT SPILLS
CT RGA LUST

S105536533
N/A

Relative:
Lower

Actual:
563 ft.

LUST:

LUST Id:	0
UST Facility Id:	12396
LUST Case Id:	59845
Lust Status:	Cleanup Initiated
Processing Status:	Not reported
EPA Reportable:	False
Motor Fuel:	False
Diesel:	False
Gasoline:	False
Other:	False
Other Release:	Not reported
No Release:	False
Leak:	False
Tank:	False
Piping:	False
Overfill:	False
Removal:	False
Incident Date:	02/18/2011
Entry Date:	02/22/2011
Site Case Id:	201100777
UST Site Id:	0
Cost Recovery Spill Case #:	0
Old SITS Number:	0
Case Log Id:	0
Monthly Report Id:	0
UST Owner Id:	7420
LUST Owner Id:	Not reported
UST Event Id:	0
Contact Info:	Not reported
Contact EMail:	Not reported
Site Contact City,St,Zip:	UNKNOWN
2nd Contact:	Not reported
2nd Contact EMail:	Not reported
2nd Contact Address:	Not reported
2nd Contact City,St,Zip:	UNKNOWN
2nd Contact Address 2:	Not reported
2nd Contact City 2:	Not reported
2nd Contact Phone Number:	Not reported
2nd Contact Fax Number:	Not reported
2nd Contact Type:	Not reported
Facility City Num:	78
Site Contact:	Not reported
Site Contact Address:	Not reported
Site Contact Add 2:	Not reported
Site Contact City 2:	Not reported
Site Contact Phone:	Not reported
Site Contact Fax:	Not reported
Site Contact Type:	Not reported
Department Contact 1:	Not reported
Department Contact 2:	Not reported
Referral Source:	Not reported
Offsite Source:	False

UCONN FIRE DEPARTMENT (Continued) **S105536533**

Date Referred:	Not reported
Emergency:	False
Private Heating Fuel:	False
Commercial Heating Fuel:	False
Commercial HF < 2100 Gal.:	False
Commercial HF > 2100 Gal.:	False
Commercial HF - Size Unk:	False
No LUST Site:	False
Cost Recvry Prgm Candidate:	False
OCSRD Complete:	False
Follow Up Flag:	False
Alternate Water Supply:	False
Relocation:	False
Responsible Party:	False
Responsible EMail:	Not reported
Resp Party Name:	University of Connecticut
Resp Party Address:	31 Ledoyt Road
Resp Party City,St,Zip:	Storrs, CT 062693055
Resp Party Town Number:	78
Resp Party Phone:	8604869305
Resp Party Fax:	8604865477
Resp Party Name 2:	Jason Coite (Contact)
Resp Party Address 2:	Not reported
Resp Party Phone 2:	8604863139
Investigator Id:	55
Follow Update:	Not reported
Area Lextent:	Not reported
Annual Precipitation:	Not reported
Affected Population:	Not reported
Population Setting:	Not reported
Ground Water Direction:	Not reported
Ground Water Gradient:	Not reported
Hydro Basin:	Not reported
Drastic:	Not reported
Geo Setting:	Not reported
Ground Water Classification:	Not reported
Receptor:	Not reported
Ground Water Flow Direction:	Not reported
Ground Water Depth:	Not reported
Areas Of Concern:	Not reported
Free Product Inches:	0
Fund Date:	Not reported
Fund Planned:	No
Fund Obligated:	No
Fund Outlayed:	No
Fund Judgment:	No
Fund Recovered:	No
Cellar Borings:	False
Install Micro Wells:	False
Ground Water Sample:	False
Soil Sample:	False
Soil Gas:	False
Site Inspect:	False
Soil Excavate:	False
Geo Probe:	False
Survey:	False
Potable Well Sample:	False

UCONN FIRE DEPARTMENT (Continued) **S105536533**

Sample MWS:	False
Ground Water Gauging:	False
Soil Venting:	False
Active:	True
NOV Action:	None
NOV Issued:	Not reported
NOV Due:	Not reported
NOV Received:	Not reported
NOV Closed:	Not reported
NOV Disc Date:	Not reported
NOV Issued Date:	Not reported
NOV Compliance Sched:	Not reported
NOV Admin Order:	Not reported
NOV Referred To Ag:	Not reported
Stop All NOV Actions:	False
Release Invest Rpt:	False
DEP App Letter 1:	False
Correct Action Plan:	False
DEP App Letter 2:	False
Rem Sys Install:	False
Rem Sys Install Date:	Not reported
Closure Date:	Not reported
Rem Sys Monitoring Rpt:	False
Qrtly Gwater Mon Rpts:	False
Closure Req Rpt:	False
DEP Closure Letter:	False
Referred To:	Not reported
No Wells:	0
Lph Wells:	0
User Stamp:	Allison Forrest/AForrest
Date Stamp:	02/22/2011
Correspondence:	Not reported
Environmental Impact:	Not reported
FollowUp:	Not reported
GW Comments:	Not reported
Location Desc:	Not reported
NOV Comments:	Not reported
Release Desc:	Not reported
Running Comments:	Not reported
Work Performed:	Not reported

SPILLS:

Year of Database:	2002
Case Number:	200205151
Who Took Spill:	208
Assigned To:	0
Report Date:	07/29/2002
Report Time:	20:02:24
Date Release:	07/29/2002
Time Responded:	Not reported
Reported By:	fd
Phone:	860 4864925
Representing:	fd
Terminated:	YES
Recovd (Total):	0
Total (Water):	0
Facility Status:	Closed

UCONN FIRE DEPARTMENT (Continued) **S105536533**

Continuous Spill: False
Released Substance: DIESEL FUEL
Qty: 2 (Gallons)
Emergency Measure: sanded
Water Body: Not reported
Discharger: Not reported
Telephone: Not reported
Responsible Party: Not reported
RP Address 1: Not reported
RP City,St,Zip: CT
Historic: False
Waterbody: False
Time Stamp: 2002-07-29 20:03:06
Sr Inspector: Monarca, Vincent
At Inspctor: **NO RESPONSE
User Stamp: Not reported
Comments: Not reported
Action: Sanded
Other Action: Not reported
Agency ID: DEP Dispatch
Other Agency: Not reported
DEP Bureau: Not reported
DEP Agency: Not reported
Agency ID: LOCAL FIRE DEPARTMENT
Other Agency: Not reported
DEP Bureau: Not reported
DEP Agency: Not reported
Cause ID: MV Accident
Other Cause: Not reported
Media ID: Ground Surface
Other Media: Not reported
Class ID: Transportation
Other Class: Not reported
Release Type: petroleum
Other Release: Not reported

Year of Database: 2006
Case Number: 200600553
Who Took Spill: 204
Assigned To: 0
Report Date: 01/26/2006
Report Time: 15:21:26
Date Release: 01/26/2006
Time Responded: Not reported
Reported By: alex
Phone: 860 4864925
Representing: uconn fd
Terminated: YES
Recovd (Total): 0
Total (Water): 0
Facility Status: CLOSED
Continuous Spill: False
Released Substance: TRANSMISSION OIL
Qty: 1 (Gallons)
Emergency Measure: Not reported
Water Body: Not reported
Discharger: Not reported

UCONN FIRE DEPARTMENT (Continued) **S105536533**

Telephone:	Not reported
Responsible Party:	Not reported
RP Address 1:	Not reported
RP City,St,Zip:	CT
Historic:	False
Waterbody:	False
Time Stamp:	2006-01-26 15:23:01
Sr Inspector:	therrien,adam
At Inspctor:	**NO RESPONSE
User Stamp:	cmazzocc
Comments:	Not reported
Action:	Sanded
Other Action:	Not reported
Agency ID:	DEP Dispatch
Other Agency:	Not reported
DEP Bureau:	Not reported
DEP Agency:	Not reported
Agency ID:	LOCAL FIRE DEPARTMENT
Other Agency:	Not reported
DEP Bureau:	Not reported
DEP Agency:	Not reported
Cause ID:	Container Failure
Other Cause:	Not reported
Media ID:	Ground Surface
Other Media:	Not reported
Class ID:	Commercial
Other Class:	Not reported
Release Type:	petroleum
Other Release:	Not reported

Year of Database:	2009
Case Number:	200903769
Who Took Spill:	208
Assigned To:	0
Report Date:	07/10/2009
Report Time:	08:05:26
Date Release:	07/10/2009
Time Responded:	Not reported
Reported By:	fd
Phone:	860 4864925
Representing:	fd
Terminated:	YES
Recovd (Total):	0
Total (Water):	0
Facility Status:	CLOSED
Continuous Spill:	False
Released Substance:	ANTIFREEZE
Qty:	2 (Gallons)
Emergency Measure:	sanded
Water Body:	Not reported
Discharger:	Not reported
Telephone:	Not reported
Responsible Party:	Not reported
RP Address 1:	Not reported
RP City,St,Zip:	CT
Historic:	False
Waterbody:	False

UCONN FIRE DEPARTMENT (Continued) **S105536533**

Time Stamp: 2009-07-13 14:27:37
Sr Inspector: Monarca, Vincent
At Inspctor: **NO RESPONSE
User Stamp: CGuzman
Comments: Not reported
Action: Sanded
Other Action: Not reported
Agency ID: DEP Dispatch
Other Agency: Not reported
DEP Bureau: Not reported
DEP Agency: Not reported
Agency ID: LOCAL FIRE DEPARTMENT
Other Agency: Not reported
DEP Bureau: Not reported
DEP Agency: Not reported
Cause ID: MV Accident
Other Cause: Not reported
Media ID: Ground Surface
Other Media: Not reported
Class ID: Private
Other Class: Not reported
Release Type: chemical
Other Release: Not reported

Year of Database: 2010
Case Number: 201003751
Who Took Spill: 208
Assigned To: 0
Report Date: 06/24/2010
Report Time: 08:46:30
Date Release: 06/24/2010
Time Responded: Not reported
Reported By: fd
Phone: 860 4864925
Representing: fd
Terminated: YES
Recovd (Total): 0
Total (Water): 0
Facility Status: CLOSED
Continuous Spill: False
Released Substance: DIESEL FUEL
Qty: 5 (Gallons)
Emergency Measure: sanded
Water Body: Not reported
Discharger: Not reported
Telephone: Not reported
Responsible Party: Not reported
RP Address 1: Not reported
RP City,St,Zip: CT
Historic: False
Waterbody: False
Time Stamp: 2010-06-29 08:02:32
Sr Inspector: Monarca, Vincent
At Inspctor: **NO RESPONSE
User Stamp: CGuzman
Comments: Not reported
Action: Sanded

UCONN FIRE DEPARTMENT (Continued) **S105536533**

Other Action: Not reported
Action: Cleaned
Other Action: Not reported
Agency ID: DEP Dispatch
Other Agency: Not reported
DEP Bureau: Not reported
DEP Agency: Not reported
Cause ID: MV Accident
Other Cause: Not reported
Media ID: Ground Surface
Other Media: Not reported
Class ID: Transportation
Other Class: Not reported
Release Type: petroleum
Other Release: Not reported

Year of Database: 2013
Case Number: 201305574
Who Took Spill: 209
Assigned To: 0
Report Date: 10/18/2013
Report Time: 11:21:15
Date Release: 10/18/2013
Time Responded: Not reported
Reported By: dispatch
Phone: 860 4864925
Representing: fd
Terminated: YES
Recovd (Total): 0
Total (Water): 0
Facility Status: CLOSED
Continuous Spill: False
Released Substance: HYDRAULIC OIL
Qty: 5 (Gallons)
Emergency Measure: 2000 ft slick
Water Body: Not reported
Discharger: Not reported
Telephone: Not reported
Responsible Party: Not reported
RP Address 1: Not reported
RP City,St,Zip: CT
Historic: False
Waterbody: False
Time Stamp: 2013-10-18 15:22:43
Sr Inspector: WELCH, THOMAS
At Inspctor: **NO RESPONSE
User Stamp: GuzmanCa
Comments: Not reported
Action: Sanded
Other Action: Not reported
Agency ID: DEP Dispatch
Other Agency: Not reported
DEP Bureau: Not reported
DEP Agency: Not reported
Agency ID: LOCAL FIRE DEPARTMENT
Other Agency: Not reported
DEP Bureau: Not reported

UCONN FIRE DEPARTMENT (Continued) **S105536533**

DEP Agency:	Not reported
Cause ID:	Hose Failure
Other Cause:	Not reported
Media ID:	Ground Surface
Other Media:	Not reported
Class ID:	Transportation
Other Class:	Not reported
Class ID:	Private
Other Class:	Not reported
Release Type:	petroleum
Other Release:	Not reported
Waterbody:	Other
Other Wtrbody:	none

RGA LUST:

2012	UCONN FIRE DEPARTMENT	126 NORTH EAGLEVILLE ROAD
2011	UCONN FIRE DEPARTMENT	126 NORTH EAGLEVILLE ROAD

G26 **PAROUSIA PRESS (FORMER DRY CLEANERS)** **CT LUST** **S105840656**
WSW **153 NORTH EAGLEVILLE RD** **CT RGA LUST** **N/A**
1/4-1/2 **STORRS, CT 06268** **CT CPCS**
0.444 mi.
2345 ft. **Site 1 of 2 in cluster G**

Relative:
Lower

Actual:
551 ft.

LUST:

LUST Id:	0
UST Facility Id:	0
LUST Case Id:	45483
Lust Status:	Pending
Processing Status:	on-going
EPA Reportable:	False
Motor Fuel:	False
Diesel:	False
Gasoline:	False
Other:	True
Other Release:	solvents
No Release:	False
Leak:	False
Tank:	False
Piping:	False
Overfill:	False
Removal:	False
Incident Date:	Not reported
Entry Date:	Not reported
Site Case Id:	Not reported
UST Site Id:	0
Cost Recovery Spill Case #:	0
Old SITS Number:	0
Case Log Id:	709
Monthly Report Id:	0
UST Owner Id:	0
LUST Owner Id:	FBB
UST Event Id:	0
Contact Info:	Frank Bartolomeo LUST Program
Contact EMail:	Not reported
Site Contact City,St,Zip:	UNKNOWN
2nd Contact:	Not reported

PAROUSIA PRESS (FORMER DRY CLEANERS) (Continued) **S105840656**

2nd Contact EMail:	Not reported
2nd Contact Address:	Not reported
2nd Contact City,St,Zip:	UNKNOWN
2nd Contact Address 2:	Not reported
2nd Contact City 2:	Not reported
2nd Contact Phone Number:	Not reported
2nd Contact Fax Number:	Not reported
2nd Contact Type:	Not reported
Facility City Num:	78
Site Contact:	Not reported
Site Contact Address:	Not reported
Site Contact Add 2:	Not reported
Site Contact City 2:	Not reported
Site Contact Phone:	Not reported
Site Contact Fax:	Not reported
Site Contact Type:	Not reported
Department Contact 1:	Not reported
Department Contact 2:	Not reported
Referral Source:	PERD
Offsite Source:	False
Date Referred:	Not reported
Emergency:	False
Private Heating Fuel:	False
Commercial Heating Fuel:	False
Commercial HF < 2100 Gal.:	False
Commercial HF > 2100 Gal.:	False
Commercial HF - Size Unk:	False
No LUST Site:	False
Cost Recvry Prgm Candidate:	False
OCSRD Complete:	False
Follow Up Flag:	False
Alternate Water Supply:	False
Relocation:	False
Responsible Party:	False
Responsible EMail:	Not reported
Resp Party Name:	Not reported
Resp Party Address:	Not reported
Resp Party City,St,Zip:	Not reported
Resp Party Town Number:	UNKNOWN
Resp Party Phone:	Not reported
Resp Party Fax:	Not reported
Resp Party Name 2:	Not reported
Resp Party Address 2:	Not reported
Resp Party Phone 2:	Not reported
Investigator Id:	0
Follow Update:	Not reported
Area Lextent:	Not reported
Annual Precipitation:	Not reported
Affected Population:	Not reported
Population Setting:	Not reported
Ground Water Direction:	Not reported
Ground Water Gradient:	Not reported
Hydro Basin:	Not reported
Drastic:	Not reported
Geo Setting:	Not reported
Ground Water Classification:	Not reported
Receptor:	Not reported

PAROUSIA PRESS (FORMER DRY CLEANERS) (Continued) **S105840656**

Ground Water Flow Direction:	Not reported
Ground Water Depth:	Not reported
Areas Of Concern:	Not reported
Free Product Inches:	Not reported
Fund Date:	Not reported
Fund Planned:	No
Fund Obligated:	No
Fund Outlayed:	No
Fund Judgment:	No
Fund Recovered:	No
Cellar Borings:	False
Install Micro Wells:	True
Ground Water Sample:	True
Soil Sample:	False
Soil Gas:	False
Site Inspect:	False
Soil Excavate:	False
Geo Probe:	True
Survey:	True
Potable Well Sample:	True
Sample MWS:	False
Ground Water Gauging:	False
Soil Venting:	False
Active:	True
NOV Action:	None
NOV Issued:	Not reported
NOV Due:	Not reported
NOV Received:	Not reported
NOV Closed:	Not reported
NOV Disc Date:	Not reported
NOV Issued Date:	Not reported
NOV Compliance Sched:	Not reported
NOV Admin Order:	Not reported
NOV Referred To Ag:	Not reported
Stop All NOV Actions:	False
Release Invest Rpt:	False
DEP App Letter 1:	False
Correct Action Plan:	False
DEP App Letter 2:	False
Rem Sys Install:	False
Rem Sys Install Date:	Not reported
Closure Date:	Not reported
Rem Sys Monitoring Rpt:	False
Qrtly Gwater Mon Rpts:	False
Closure Req Rpt:	False
DEP Closure Letter:	False
Referred To:	Not reported
No Wells:	Not reported
Lph Wells:	Not reported
User Stamp:	Terry Parker/ABassila
Date Stamp:	10/12/2010
Correspondence:	Not reported
Environmental Impact:	Not reported
FollowUp:	Not reported
GW Comments:	Not reported
Location Desc:	Not reported
NOV Comments:	Not reported

PAROUSIA PRESS (FORMER DRY CLEANERS) (Continued) **S105840656**

Release Desc: Not reported
Running Comments: Not reported
Work Performed: Not reported

RGA LUST:

2012	PAROUSIA PRESS (FORMER DRY CLEANERS)	153 NORTH EAGLEVILLE RD
2011	PAROUSIA PRESS (FORMER DRY CLEANERS)	153 NORTH EAGLEVILLE RD
2010	PAROUSIA PRESS (FORMER DRY CLEANERS)	153 NORTH EAGLEVILLE RD
2009	PAROUSIA PRESS (FORMER DRY CLEANERS)	153 NORTH EAGLEVILLE RD
2008	PAROUSIA PRESS (FORMER DRY CLEANERS)	153 NORTH EAGLEVILLE RD
2006	PAROUSIA PRESS (FORMER DRY CLEANERS)	153 NORTH EAGLEVILLE RD
2004	PAROUSIA PRESS (FORMER DRY CLEANERS)	153 NORTH EAGLEVILLE RD
2003	PAROUSIA PRESS (FORMER DRY CLEANERS)	153 NORTH EAGLEVILLE RD

CPCS:
Site Type: LUST
Lust Status: Pending
PTP Form: Not reported
Program: Not reported
Comments: Not reported
Site Type Definition: Leaking Underground Storage Tanks Pending

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G27 **HIRSCH PROPERTY** **CT SDADB** **S104942775**
WSW **153 NORTH EAGLEVILLE ROAD** **N/A**
1/4-1/2 **MANSFIELD, CT 06268**
0.444 mi.
2345 ft. **Site 2 of 2 in cluster G**

Relative:
Lower

Actual:
551 ft.

Site Discovery and Assessment:
Facility ID: 5558
Rem Master ID: 4911
PTP Id: 0
WPC Number: Not reported
Postal District: Not reported
Latitude: 0
Longitude: 0
Lat/Long Determined By: Not reported
Ground Water Quality Classification: GA
Surface Water Quality Classification: Not reported
Waste Type: CHLR VOC
Disposal: DRYWELL, SEPTIC
Sample Data Available: False
Updated By: MCDANIEL, M.
Update Program: PWP
Updated: 12/28/2000
Date Created: Not reported
Duplicate: False
EPA CERCLIS Id: Not reported
Number EPA RCRIS Id: Not reported

HIRSCH PROPERTY (Continued) **S104942775**

Site on EPA's CERCLIS:	Not reported
Site Archived from CERCLIS:	Not reported
Archive Date:	Not reported
EPA's Removal at Site:	Not reported
Deferred to another EPA Program:	Not reported
EPA Env Priority Initiative Site:	Not reported
Federal Facility:	Not reported
Site on EPA's National Priority List:	Not reported
Part of an NPL site:	Not reported
RCRA Generator Status:	Not reported
RCRA Permit Status:	Not reported
Referral Id:	5731
Source of referral:	owner
Date Received:	8/18/2000
Staff Assigned:	WARZECHA, W.
Remediation Program:	PWP
Date dt_assigned:	Not reported
Remediation Complete Approved DEP/Verified by LEP:	Not reported
Outcome:	Not reported
Remedial Id:	Not reported
PTP Id:	Not reported
Remediation Program:	Not reported
Remediation Program Entered:	Not reported
Staff Assigned:	Not reported
Remediation Program:	Not reported
Date dt_assign:	Not reported
Project Phase:	Not reported
Order issued:	Not reported
Order Number:	Not reported
Date order issued:	Not reported
Remedial Investigation Start:	Not reported
Remedial Investigation Completed:	Not reported
Remedial Design Start:	Not reported
Remedial Design complet:	Not reported
Remedial Action Start:	Not reported
Remedial Action Completed:	Not reported
Date Oper/ maintenance Started:	Not reported
GW monitoring:	Not reported
Remediation complete Approved DEP/Verified by LEP:	Not reported
Order Id:	Not reported
Order Number:	Not reported
Date order issued:	Not reported
Staff Assigned:	Not reported
Type of Order:	Not reported
Order Respondent:	Not reported
Admin Appeal Date:	Not reported
Date of Admin Appeal Ruling:	Not reported
Date of Admin Appeal Ruling:	Not reported
Date of Final Order:	Not reported
Date of Court Appeal:	Not reported
Date of Court Ruling:	Not reported
Date of Court Ruling:	Not reported
Date Order Modified:	Not reported
Date Referred to AG:	Not reported
Judgement:	Not reported
Date of AGR judgement:	Not reported
Penalty assessed:	Not reported

HIRSCH PROPERTY (Continued) **S104942775**

Order Complete: Not reported
In compliance: Not reported
Comments: Not reported

SDADB:
Waste Id: 5
Waste Type: CHLR VOC
Description: Chlorinated Volatile Organic Compounds

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28 ESE 1/4-1/2 0.486 mi. 2567 ft. | **SNET** | **CT SDADB** | **S103541212**
1298 STORRS ROAD | **CT PROPERTY** | **N/A**
MANSFIELD, CT

Relative: Higher

Actual: 600 ft.

Site Discovery and Assessment:
Facility ID: 4441
Rem Master ID: 3247
PTP Id: 2883
WPC Number: Not reported
Postal District: Not reported
Latitude: Not reported
Longitude: Not reported
Lat/Long Determined By: Not reported
Ground Water Quality Classification: Not reported
Surface Water Quality Classification: Not reported
Waste Type: Not reported
Disposal: Not reported
Sample Data Available: False
Updated By: Not reported
Update Program: Not reported
Updated: Not reported
Date Created: Not reported
Duplicate: False
EPA CERCLIS Id: Not reported
Number EPA RCRIS Id: Not reported
Site on EPA's CERCLIS: Not reported
Site Archived from CERCLIS: Not reported
Archive Date: Not reported
EPA's Removal at Site: Not reported
Deferred to another EPA Program: Not reported
EPA Env Priority Initiative Site: Not reported
Federal Facility: Not reported
Site on EPA's National Priority List: Not reported
Part of an NPL site: Not reported
RCRA Generator Status: Not reported
RCRA Permit Status: Not reported
Referral Id: 4599
Source of referral: PTP
Date Received: 11/4/1998
Staff Assigned: Not reported
Remediation Program: PTP
Date dt_assigned: Not reported
Remediation Complete Approved DEP/Verified by LEP: 11/4/1998
Outcome: PTP
Remedial Id: Not reported
PTP Id: Not reported

SNET (Continued) **S103541212**

Remediation Program:	Not reported
Remediation Program Entered:	Not reported
Staff Assigned:	Not reported
Remediation Program:	Not reported
Date dt_assign:	Not reported
Project Phase:	Not reported
Order issued:	Not reported
Order Number:	Not reported
Date order issued:	Not reported
Remedial Investigation Start:	Not reported
Remedial Investigation Completed:	Not reported
Remedial Design Start:	Not reported
Remedial Design complet:	Not reported
Remedial Action Start:	Not reported
Remedial Action Completed:	Not reported
Date Oper/ maintenance Started:	Not reported
GW monitoring:	Not reported
Remediation complete Approved DEP/Verified by LEP:	Not reported
Order Id:	Not reported
Order Number:	Not reported
Date order issued:	Not reported
Staff Assigned:	Not reported
Type of Order:	Not reported
Order Respondent:	Not reported
Admin Appeal Date:	Not reported
Date of Admin Appeal Ruling:	Not reported
Date of Admin Appeal Ruling:	Not reported
Date of Final Order:	Not reported
Date of Court Appeal:	Not reported
Date of Court Ruling:	Not reported
Date of Court Ruling:	Not reported
Date Order Modified:	Not reported
Date Referred to AG:	Not reported
Judgement:	Not reported
Date of AGR judgement:	Not reported
Penalty assessed:	Not reported
Order Complete:	Not reported
In compliance:	Not reported
Comments:	Not reported

CT Property:

Seller Name:	SNET
Buyer Name:	SBC Communications Inc.
Certifying Party:	SNET/Donald Shassian
Certifying Attention Person:	Not reported
Title Of Certifying Person:	Not reported
Certifying Person Address:	Not reported
Certifying Person City,St,Zip:	Not reported
Property Transfer Forms:	Form I (DEP-PERD-PTP-201) when no release of hazardous waste has occurred at the parcel being transferred.
Date Recieved:	11/04/1998
Ackn Date:	12/28/1998
Determination Date:	Not reported
LEP Verified/DEP Approval Date:	Not reported
Rem Id:	3948
Remediation Location Id:	2645
Date Entered:	Not reported

SNET (Continued) **S103541212**

Program:	Property Transfer Program
GAO Site:	False
Staff Full Name:	Not reported
Super/Date:	Not reported
Stage Of Project:	Not reported
RP Level Of Activity:	Not reported
RP Needed Level Of Activity:	Not reported
Staff Level Of Activity:	Not reported
Staff Needed Level Of Activity:	Not reported
Public Intrest:	Not reported
PRP Cooperation:	Not reported
Enforcement Status:	Not reported
Level Of Complexity:	Not reported
Complex Eng Or Sci:	False
Complex Due To Public Involvement:	False
Politically Complex:	False
Complex Enforcement:	False
Coordination With Other Bureaus:	False
EPA Involvement:	False
Staff Prefrence:	Not reported
Readiness For Transfer:	Not reported
Project Transfer Time:	Not reported
Transfer Comments:	Not reported
Staff As Of July 2000:	Not reported
Initial Staff:	Not reported
Type Of Transfer:	Not reported
Salutation:	Not reported
Relationship To Transfer:	transferor
Audit Date:	Not reported
Verif Type:	Not reported
Audit Outcome:	Not reported
GW:	Not reported
Basin:	Not reported
1st Payment:	200
Pay Tag1:	Not reported
2nd Payment:	Not reported
Pay Tag2:	Not reported
RTN:	Not reported
Revised:	Not reported
ECAF Received:	Not reported
Old Determination Date:	Not reported
Redeterminationdate:	Not reported
Previous Determination:	Not reported
Monitoringoption:	Not reported
Postremedialmonitoring:	Not reported
Schedule Of I/R:	Not reported
Schedule Overdue:	Not reported
Aprvl Sched:	Not reported
Yr 1 Report:	Not reported
Yr 2 Report:	Not reported
Report Overdue:	Not reported
Ext Aprvl Sched:	Not reported
License #:	Not reported
Project Phase:	Not reported
PT Comments:	Not reported
EPA Id Number:	Not reported
GW Class:	Not reported

SNET (Continued) **S103541212**

SW Class:	Not reported
AO/C0:	Not reported
Water Lead(Y Or N):	Not reported
Priority:	Not reported
Project Status(A, I Or D):	Not reported
Last Updated:	Not reported
SR Comments:	Not reported
Priority Or Work-Load:	Not reported
Status:	Not reported
Notes:	Not reported
Special Project Name:	Not reported
Special Project Comments:	Not reported
DOT Project:	Not reported
Pt Counter:	Not reported
Project Complete:	False
Project Inactive:	False
Int Deposit #:	Not reported
Deposit #:	Not reported
Spill Case #:	Not reported
Diversion Id:	Not reported
Public Notice:	Not reported
RAP Received:	Not reported
RAP Approved:	Not reported
Compliance Category:	Not reported
Delete Record:	False
ECAF Reviewed By:	Not reported
Not Locatable:	False
Primary Address:	True
AKA Site Name:	False
Primary Site Name:	True
AKA Site Address:	False
Lead:	Not reported

29
WNW
1/2-1
0.750 mi.
3962 ft.

Relative:
Lower

Actual:
569 ft.

DAIRY MART
NORTH EAGLEVILLE ROAD
MANSFIELD, CT 06250

CT SHWS **S104254214**
CT SDADB **N/A**
CT LUST
CT SPILLS
CT AUL
CT RGA LUST
CT CPCS
CT RGA HWS

SHWS:

State ID:	226
PTP Id Number:	Not reported
WPC Number:	Not reported
EPA ID:	CTD981894280
PO Office:	Not reported
Lat/Long:	41.8125/-72.2683
Location Method:	MAP
Groundwater Class:	GB/GA
Surface Water Qualification:	B/A
Waste Category:	CHLR VOC, NCHLR VOC, SEMI VOC
Disposal Method:	PIT, LANDFILL
Sample:	False
Other Dept of Env. Protection:	WCU,HMMU
Updated By:	FRIGON, R. L .
Update Program:	FPRE

DAIRY MART (Continued) **S104254214**

Date Updated:	9/23/1993
Duplicate:	False
Program:	SUPERFUND
Inventory Date:	7/6/1987
On Inventory:	True
Assessed:	True
87 Group:	RC
87 Origin:	INVENTORY
On 87:	True
Comments:	CLEAN UP HAS BEEN INITIATED(7/87) DEP ORDER 3314 08/30/82 REMEDIATION COMPLETE.(9/93) SRD-101 CO ISSUED 6/26/98.

Site Discovery and Assessment:

Facility ID:	226
Rem Master ID:	326
PTP Id:	Not reported
WPC Number:	Not reported
Postal District:	Not reported
Latitude:	41.8125
Longitude:	-72.2683
Lat/Long Determined By:	MAP
Ground Water Quality Classification:	GB/GA
Surface Water Quality Classification:	B/A
Waste Type:	CHLR VOC, NCHLR VOC, SEMI VOC
Disposal:	PIT, LANDFILL
Sample Data Available:	False
Updated By:	FRIGON, R. L .
Update Program:	FPRE
Updated:	9/23/1993
Date Created:	Not reported
Duplicate:	False
EPA CERCLIS Id:	Not reported
Number EPA RCRIS Id:	Not reported
Site on EPA's CERCLIS:	True
Site Archived from CERCLIS:	False
Archive Date:	Not reported
EPA's Removal at Site:	False
Deferred to another EPA Program:	False
EPA Env Priority Initiative Site:	False
Federal Facility:	False
Site on EPA's National Priority List:	False
Part of an NPL site:	False
RCRA Generator Status:	Not reported
RCRA Permit Status:	Not reported
Referral Id:	221
Source of referral:	SUPERFUND
Date Received:	7/6/1987
Staff Assigned:	DEP
Remediation Program:	SUPERFUND
Date dt_assigned:	7/6/1987
Remediation Complete Approved DEP/Verified by LEP:	7/6/1987
Outcome:	INVENTORY
Remedial Id:	160
PTP Id:	0
Remediation Program:	SRP
Remediation Program Entered:	6/26/1998
Staff Assigned:	FITTING, D. J.

DAIRY MART (Continued) **S104254214**

Remediation Program: SRP
Date dt_assign: Not reported
Project Phase: A
Order issued: True
Order Number: SRD-0101
Date order issued: 6/26/1998
Remedial Investigation Start: Not reported
Remedial Investigation Completed: Not reported
Remedial Design Start: Not reported
Remedial Design complet: Not reported
Remedial Action Start: Not reported
Remedial Action Completed: Not reported
Date Oper/ maintenance Started: Not reported
GW monitoring: False
Remediation complete Approved DEP/Verified by LEP: Not reported
Order Id: 157
Order Number: SRD-0101
Date order issued: 6/26/1998
Staff Assigned: FITTING, D. J.
Type of Order: CO
Order Respondent: UNIVERSITY OF CONNECTICUT
Admin Appeal Date: Not reported
Date of Admin Appeal Ruling: Not reported
Date of Admin Appeal Ruling: Not reported
Date of Final Order: Not reported
Date of Court Appeal: Not reported
Date of Court Ruling: Not reported
Date of Court Ruling: Not reported
Date Order Modified: Not reported
Date Referred to AG: Not reported
Judgement: Not reported
Date of AGR judgement: Not reported
Penalty assessed: Not reported
Order Complete: Not reported
In compliance: False
Comments: Not reported

SDADB:
Waste Id: 5
Waste Type: CHLR VOC
Description: Chlorinated Volatile Organic Compounds

LUST:
LUST Id: 7596
UST Facility Id: Not reported
LUST Case Id: 35647
Lust Status: Pending
Processing Status: Not reported
EPA Reportable: False
Motor Fuel: False
Diesel: False
Gasoline: False
Other: False
Other Release: Not reported
No Release: False
Leak: False

DAIRY MART (Continued) **S104254214**

Tank:	False
Piping:	False
Overfill:	False
Removal:	False
Incident Date:	Not reported
Entry Date:	Not reported
Site Case Id:	Not reported
UST Site Id:	Not reported
Cost Recovery Spill Case #:	Not reported
Old SITS Number:	Not reported
Case Log Id:	Not reported
Monthly Report Id:	0
UST Owner Id:	Not reported
LUST Owner Id:	Not reported
UST Event Id:	7728
Contact Info:	Not reported
Contact EMail:	Not reported
Site Contact City,St,Zip:	UNKNOWN
2nd Contact:	Not reported
2nd Contact EMail:	Not reported
2nd Contact Address:	Not reported
2nd Contact City,St,Zip:	UNKNOWN
2nd Contact Address 2:	Not reported
2nd Contact City 2:	Not reported
2nd Contact Phone Number:	Not reported
2nd Contact Fax Number:	Not reported
2nd Contact Type:	Not reported
Facility City Num:	78
Site Contact:	Not reported
Site Contact Address:	Not reported
Site Contact Add 2:	Not reported
Site Contact City 2:	Not reported
Site Contact Phone:	Not reported
Site Contact Fax:	Not reported
Site Contact Type:	Not reported
Department Contact 1:	Not reported
Department Contact 2:	Not reported
Referral Source:	Not reported
Offsite Source:	False
Date Referred:	Not reported
Emergency:	False
Private Heating Fuel:	False
Commercial Heating Fuel:	False
Commercial HF < 2100 Gal.:	False
Commercial HF > 2100 Gal.:	False
Commercial HF - Size Unk:	False
No LUST Site:	False
Cost Recvry Prgm Candidate:	False
OCSRD Complete:	False
Follow Up Flag:	False
Alternate Water Supply:	False
Relocation:	False
Responsible Party:	False
Responsible EMail:	Not reported
Resp Party Name:	Not reported
Resp Party Address:	Not reported
Resp Party City,St,Zip:	Not reported

DAIRY MART (Continued) **S104254214**

Resp Party Town Number:	UNKNOWN
Resp Party Phone:	Not reported
Resp Party Fax:	Not reported
Resp Party Name 2:	Not reported
Resp Party Address 2:	Not reported
Resp Party Phone 2:	Not reported
Investigator Id:	11
Follow Update:	Not reported
Area Lextent:	Not reported
Annual Precipitation:	Not reported
Affected Population:	Not reported
Population Setting:	Not reported
Ground Water Direction:	Not reported
Ground Water Gradient:	Not reported
Hydro Basin:	Not reported
Drastic:	Not reported
Geo Setting:	Not reported
Ground Water Classification:	Not reported
Receptor:	Not reported
Ground Water Flow Direction:	Not reported
Ground Water Depth:	Not reported
Areas Of Concern:	Not reported
Free Product Inches:	Not reported
Fund Date:	Not reported
Fund Planned:	No
Fund Obligated:	No
Fund Outlayed:	No
Fund Judgment:	No
Fund Recovered:	No
Cellar Borings:	False
Install Micro Wells:	False
Ground Water Sample:	False
Soil Sample:	False
Soil Gas:	False
Site Inspect:	False
Soil Excavate:	False
Geo Probe:	False
Survey:	False
Potable Well Sample:	False
Sample MWS:	False
Ground Water Gauging:	False
Soil Venting:	False
Active:	False
NOV Action:	None
NOV Issued:	Not reported
NOV Due:	Not reported
NOV Received:	Not reported
NOV Closed:	Not reported
NOV Disc Date:	Not reported
NOV Issued Date:	Not reported
NOV Compliance Sched:	Not reported
NOV Admin Order:	Not reported
NOV Referred To Ag:	Not reported
Stop All NOV Actions:	False
Release Invest Rpt:	False
DEP App Letter 1:	False
Correct Action Plan:	False

DAIRY MART (Continued) **S104254214**

DEP App Letter 2:	False
Rem Sys Install:	False
Rem Sys Install Date:	Not reported
Closure Date:	Not reported
Rem Sys Monitoring Rpt:	False
Qrtly Gwater Mon Rpts:	False
Closure Req Rpt:	False
DEP Closure Letter:	False
Referred To:	Not reported
No Wells:	Not reported
Lph Wells:	Not reported
User Stamp:	Terry Parker/ABassila
Date Stamp:	10/12/2010
Correspondence:	Not reported
Environmental Impact:	Not reported
FollowUp:	Not reported
GW Comments:	Not reported
Location Desc:	Not reported
NOV Comments:	Not reported
Release Desc:	Not reported
Running Comments:	Not reported
Work Performed:	Not reported

SPILLS:

Year of Database:	1997
Case Number:	9700300
Who Took Spill:	204
Assigned To:	0
Report Date:	01/20/1997
Report Time:	13:36:00
Date Release:	01/20/1997
Time Responded:	13:24:00
Reported By:	bowen
Phone:	860 4864925
Representing:	u conn
Terminated:	YES
Recovd (Total):	0
Total (Water):	0
Facility Status:	closed
Continuous Spill:	False
Released Substance:	MOTOR OIL
Qty:	0.5 (Gallons)
Emergency Measure:	cleaned
Water Body:	none
Discharger:	Not reported
Telephone:	Not reported
Responsible Party:	Not reported
RP Address 1:	Not reported
RP City,St,Zip:	CT
Historic:	False
Waterbody:	False
Time Stamp:	1997-01-22 09:29:52
Sr Inspector:	CRISTINA LAMBERT
At Inspctor:	**NO RESPONSE
User Stamp:	Not reported
Comments:	Not reported
Action:	Cleaned

DAIRY MART (Continued) **S104254214**

Other Action:	Not reported
Cause ID:	Container Failure
Other Cause:	Not reported
Media ID:	Ground Surface
Other Media:	Not reported
Release Type:	petroleum
Other Release:	Not reported

CT AUL:

Facility ID:	466
Site Description:	ELUR is invalid; never submitted.
Status:	ELUR is Invalid, see Comment Field
X Coordinate:	0
Y Coordinate:	0
REM Location ID:	317
Counter ID:	310
DEP Staff Assigned:	Mark Lewis
LEP Lead:	False
LEP Program:	Not reported
Map Link:	Not reported
Date Release Exp First:	Not reported
Date Release Exp Second:	Not reported
Date Release Exp Third:	Not reported
How did the ELUR change the use of the property:	Not reported
Date 1st Waiver Request Received:	Not reported
Date of DEP Comments On The 1st Waiver Request:	Not reported
Date Complete 1st Waiver Request Assembled:	Not reported
Date 2nd Waiver Request Received:	Not reported
Date of DEP Comments On The 2nd Waiver Request:	Not reported
Date Complete 2nd Waiver Request Assembled:	Not reported
Date 3rd Waiver Request Received:	Not reported
Date of DEP Comments On The 3rd Waiver Request:	Not reported
Date Complete 3rd Waiver Request Assembled:	Not reported
Date of Approval of 3rd Waiver Request:	Not reported
Date 1st ELUR received for review:	Not reported
Date of DEP comments for 1st ELUR:	Not reported
Date Complete Package for 1st ELUR Assembled:	Not reported
Date 1st ELUR Approved by Commissioner:	Not reported
Date 1st ELUR Received by Grantor:	Not reported
Date 1st ELUR Executed by Grantor:	Not reported
Date 2nd ELUR Received for Review:	Not reported
Date of DEP comments for 2nd ELUR:	Not reported
Date Complete Package for 2nd ELUR Assembled:	Not reported
Date 2nd ELUR Approved by Commissioner:	Not reported
Date 2nd ELUR Received by Grantor:	Not reported
Date 2nd ELUR Executed by Grantor:	Not reported
Date 3rd ELUR Received For Review:	Not reported
Date of DEP Comments For Third ELUR:	Not reported
Date Complete Package For Third ELUR Assembled:	Not reported
Date Third Decision Document Approved by Commissioner:	Not reported
Date Third ELUR Received by Grantor:	Not reported
Date Third ELUR Executed by Grantor:	Not reported
Date 1st ELUR Recorded On The Land Records:	Not reported
Date 2nd ELUR Recorded On The Land Records:	Not reported
Date 3rd ELUR Recorded On The Land Records:	Not reported
Date 1st Certificate of Title Was Received:	Not reported
Date 2nd Certificate of Title Was Received:	Not reported

DAIRY MART (Continued) **S104254214**

Date 3rd Certificate of Title Was Received:	Not reported
Date Request For 1st ELUR Release Request Received:	Not reported
Date of DEP Comments on the First ELUR Release Request:	Not reported
Date of Complete Application For 1st ELUR Release Assembled:	Not reported
Date Request For Second ELUR Release Request Received:	Not reported
Date of DEP comments on the 2nd ELUR Release Request:	Not reported
Date of Complete Application for 2nd ELUR Release Assembled:	Not reported
Date Request for Third ELUR Release Request Received:	Not reported
Date of DEP Comments on the third ELUR Release Request:	Not reported
Date of Complete Application for 3rd ELUR Release Assembled:	Not reported
Date of the 1st Release From the ELUR Approved:	Not reported
Date of the 2nd Release From the ELUR Approved:	Not reported
Date of the 3rd Release From the ELUR Approved:	Not reported
Was the 1st Release Recorded on the Land Records:	False
Was the 2nd Release Recorded on the Land Records:	False
Was the 3rd Release Recorded on the Land Records:	False
Date the 1st Release Recorded on the Land Records:	Not reported
Date the 2nd Release Recorded on the Land Records:	Not reported
Date Request for 1st ELUR Restoration Request Received:	Not reported
Date of DEP comments on the 1st ELUR Restoration Request:	Not reported
Date the 1st ELUR Was Restored:	Not reported
Date Request For 2nd ELUR Restoration Request Received:	Not reported
Date of DEP Comments on the 2nd ELUR Restoration Request:	Not reported
Date the 2nd ELUR Restoration Request Was Complete:	Not reported
Date the 2nd ELUR was Restored:	Not reported
Date Request for 3rd ELUR Restoration Request Received:	Not reported
Date of DEP Comments on the 3rd ELUR Restoration Request:	Not reported
Date the 3rd ELUR Restoration Request Was Complete:	Not reported
Date the 3rd ELUR Was Restored:	Not reported
Was the 1st Restoration Recorded on the Land Records:	False
Was the 2nd Restoration Recorded on the Land Records:	False
Was the 3rd Restoration Recorded on the Land Records:	False
Date the 1st Restoration Recorded on the Land Records:	Not reported
Date the 2nd Restoration Recorded on the Land Records:	Not reported
Date the 3rd Restoration Recorded on the Land Records:	Not reported
Date of NOV:	Not reported
Date NOV in Compliance:	Not reported
Name of Contact Person for ELUR:	Not reported
Contact Firm:	Not reported
Contact Address:	Not reported
Contact City/State/Zip:	Not reported
Request For Waiver Of Subordination Agreement Status:	Not reported
Direct Exposure Inaccessible Soil 22a-133k-2 B 3:	False
Pollutant Mobility Criteria Environ Isola Soil 22a-133k-2 C 4 B:	False
Prevent Disturbance Of Engineered Control 22a-133k-2 F 2 B Iv:	False
NOV Number:	Not reported
Reason for NOV:	Not reported
Other Enforcement Action:	Not reported
More Than One ELUR For Site:	False
ELUR Covers All/Part Of Property?:	Not reported
Direct Exposure PCBs Industrial Use Only 22a-133k-2 B 2 B:	False
Use Ind Groundwater Volatilization Criteria 22a-133k-3 C 2:	False
Use Ind Soil Gas Volatilization Criteria 22a-133k-3 C 3 A:	False
Pot Gw Vol Criteria Exceed ELUR No Bldg Const 22a-133k-3 C 5 A:	False
Tech Impract Of GW Remediation 22a-133k-3 E 2 C:	False
ELUR Prior To Reqs:	False

DAIRY MART (Continued) **S104254214**

RGA LUST:

2012	DAIRY MART	NORTH EAGLEVILLE ROAD
2011	DAIRY MART	NORTH EAGLEVILLE ROAD
2010	DAIRY MART	NORTH EAGLEVILLE ROAD
2009	DAIRY MART	NORTH EAGLEVILLE ROAD
2008	DAIRY MART	NORTH EAGLEVILLE ROAD
2006	DAIRY MART	NORTH EAGLEVILLE ROAD
2004	DAIRY MART	NORTH EAGLEVILLE ROAD
2003	DAIRY MART	NORTH EAGLEVILLE ROAD
2002	DAIRY MART	NORTH EAGLEVILLE ROAD

CPCS:

Site Type:	Sites
Lust Status:	Not reported
PTP Form:	Not reported
Program:	-1
Comments:	Clean Up Has Been Initiated(7/87)Dep Order 3314 08/30/82 Remediation Complete.(9/93)Srd-101 Co Issued 6/26/98.
Site Type Definition:	Inventory of Hazardous Waste Disposal Sites

Site Type:	LUST
Lust Status:	Pending
PTP Form:	Not reported
Program:	Not reported
Comments:	Note That The State Site Id Is The Town Code Followed By The System Id.According To A Phase I Environmental Site Assessment Report, His Property Has Been A Dairy Mart Convenience Store Since 1988. Prior To That The Site Was A Gasoline Station. Usts
Site Type Definition:	Leaking Underground Storage Tanks Pending

RGA HWS:

2010	UCONN LANDFILL	NORTH EAGLEVILLE ROAD
2008	UCONN LANDFILL	NORTH EAGLEVILLE ROAD
2007	UCONN LANDFILL	NORTH EAGLEVILLE ROAD
2006	UCONN LANDFILL	NORTH EAGLEVILLE ROAD
2005	UCONN LANDFILL	NORTH EAGLEVILLE ROAD
2004	UCONN LANDFILL	NORTH EAGLEVILLE ROAD

Count: 25 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MANSFIELD	S113475949	EXTRA MART	ROUTE 195 AND RTE 35	06269	CT MANIFEST
MANSFIELD	S109736871	KEYON OIL CO	RTE 195 & 32	06269	CT MANIFEST
MANSFIELD	S105935502	ROSAL'S APARTMENTS	RTE. 195 & RTE. 44	06268	CT LUST, CT RGA LUST, CT CPCS
MANSFIELD	S105457296	UCONN	RTE. 195	06268	CT LUST, CT CPCS
MANSFIELD	S102413677	MANSFIELD FIRE DEPT.	RTE. 195 & BEEBE RD.	06268	CT LUST, CT RGA LUST, CT CPCS
MANSFIELD	S109738541	CITY LINE GULF	ROUTE 32	06269	CT MANIFEST
MANSFIELD	S110775981	STORRS TEXACO	RTE. 44 & RTE. 195	06268	CT CPCS
MANSFIELD	S113478351	MANSFIELD TOWN OF	RTE 89	06268	CT MANIFEST
MANSFIELD	S113476057	MANSFIELD TRANSFER STATION	RTE 89	06269	CT MANIFEST
STORRS	S113478273	MANSFIELD X-TRA MART	RTE 195 & 32	06268	CT MANIFEST
STORRS	1009220070	RENWOOD MANSFIELD ASSOCIATES	ROUTE 195 (LAUNDRY ROOM)	06268	NY MANIFEST
STORRS	S113478087	C V S	RTE 44 MANSFIELD SHOPPING CTR	06268	CT MANIFEST
STORRS	S113473906	UNIVERSITY OFT LONGLEY BLDG	RTE 44	06269	CT MANIFEST
STORRS	S113473904	UNIV OFONNECTICUT LONGLEY BLDG	ROUTE 44	06269	CT MANIFEST
STORRS	S109755891	C V S 0785	RTE 44 & MANSFIELD SHOPPING CT	06268	CT MANIFEST
STORRS	S109755890	C V S 0785	RTE 44 & MANSFIELD SHOPPING	06268	CT MANIFEST
STORRS	S109721024	RALPHROOPNICK	RTE 44 (MANSFIELD SHPPNG CNTR)	06269	CT MANIFEST
STORRS	1009220416	CVS	ROUTE 44 MANSFIELD SHOPPING CT	06268	NY MANIFEST
STORRS	S109740112	REPUBLIC OIL CO INC	ROUTE 44A & 195	06269	CT MANIFEST
STORRS	S113473905	UNIVERSITY OFT LONGLEY BLDG	LONGLEY BLDG RTE 44	06269	CT MANIFEST
STORRS MANSFIELD	S114369234		RTE. 195		CT RGA LUST
STORRS MANSFIELD	S110776065	UCONN FACILITIES MANAGEMENT	RTE. 195		CT CPCS
STORRS MANSFIELD	S110762415	UCONN FACILITIES MANAGEMENT	RTE. 195	06268	CT LUST, CT RGA LUST
STORRS MANSFIELD	U003700466	EXXON, 3-5795	ROUTE 44A		CT UST
TOLLAND COUNTY	M300003414	BECKER CONSTRUCTION CO.	ROUTE 32 PLANT		US MINES

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 01/21/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 01/09/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 01/09/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/21/2014
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 11/11/2013
Number of Days to Update: 94	Next Scheduled EDR Contact: 03/10/2014
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/31/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/08/2013	Telephone: 703-603-8704
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 01/10/2014
Number of Days to Update: 151	Next Scheduled EDR Contact: 04/21/2014
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 11/11/2013
Number of Days to Update: 94	Next Scheduled EDR Contact: 03/10/2014
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/17/2013
Date Data Arrived at EDR: 01/14/2014
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/17/2013
Date Data Arrived at EDR: 01/14/2014
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/20/2013
Date Data Arrived at EDR: 08/23/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 70

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/18/2013
Next Scheduled EDR Contact: 03/03/2014
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/30/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 66

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 02/07/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Inventory of Hazardous Disposal Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 04/23/2010
Date Data Arrived at EDR: 04/23/2010
Date Made Active in Reports: 05/25/2010
Number of Days to Update: 32

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3705
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Varies

SDADB: Site Discovery and Assessment Database
All sites reported to Permitting, Enforcement, and Remediation Division where it is suspected that hazardous waste may have been disposed or sites that are eligible for listing on the State Inventory of Hazardous Waste Disposal Sites.

Date of Government Version: 04/23/2010
Date Data Arrived at EDR: 04/23/2010
Date Made Active in Reports: 05/25/2010
Number of Days to Update: 32

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3705
Last EDR Contact: 01/06/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: List of Landfills/Transfer Stations
Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/14/2013
Date Data Arrived at EDR: 10/30/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 37

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3366
Last EDR Contact: 10/30/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank List
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 10/31/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 29

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3376
Last EDR Contact: 01/06/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Semi-Annually

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 08/20/2013
Date Data Arrived at EDR: 08/23/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 70

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/06/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/30/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/27/2013
Date Data Arrived at EDR: 08/27/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Underground Storage Tank Data
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 12/02/2013
Date Data Arrived at EDR: 12/03/2013
Date Made Active in Reports: 12/10/2013
Number of Days to Update: 7

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3376
Last EDR Contact: 12/02/2013
Next Scheduled EDR Contact: 03/17/2014
Data Release Frequency: Semi-Annually

AST: Marine Terminals and Tank Information
A listing of bulk petroleum facilities that receive petroleum by a vessel.

Date of Government Version: 07/01/2013
Date Data Arrived at EDR: 07/08/2013
Date Made Active in Reports: 07/30/2013
Number of Days to Update: 22

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3233
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 01/20/2014
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 272

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/30/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Semi-Annually

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/28/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 43

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 07/29/2013
Date Data Arrived at EDR: 08/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 92

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 07/29/2013
Date Data Arrived at EDR: 07/30/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 129

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 02/06/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 65

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/20/2013
Date Data Arrived at EDR: 08/23/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 70

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/13/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Listing

An Engineered Control is a permanent physical structure designed to safely isolate pollutants which would otherwise not comply with the self-implementing remedial options allowed in the Connecticut Remediation Standard Regulations (RSRs). The ECGD includes a description of what is eligible to be considered as an Engineered Control under section 22a-133k-2(f)(2) of the RSRs, a description of the information necessary for the preparation of complete and approvable applications, a step-by-step outline of the review and approval process, and supplemental resources provided in the appendices.

Date of Government Version: 03/05/2013
Date Data Arrived at EDR: 05/07/2013
Date Made Active in Reports: 06/19/2013
Number of Days to Update: 43

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3000
Last EDR Contact: 02/07/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Varies

AUL: ELUR Sites

Environmental Land Use Restriction sites.

Date of Government Version: 12/05/2013
Date Data Arrived at EDR: 12/06/2013
Date Made Active in Reports: 12/10/2013
Number of Days to Update: 4

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3912
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Remediation Sites
Sites involved in the Voluntary Remediation Program.

Date of Government Version: 12/05/2013
Date Data Arrived at EDR: 12/06/2013
Date Made Active in Reports: 12/10/2013
Number of Days to Update: 4

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3705
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/17/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 66

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Inventory
CBRA has identified over 200 brownfield sites eligible for redevelopment. In most cases these are prime properties for commercial or industrial use. CBRA's grants, assistance and financing lower the financial risks and eliminate the legal, regulatory and environmental risks of redevelopment.

Date of Government Version: 10/22/2013
Date Data Arrived at EDR: 10/29/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 38

Source: Connecticut Brownfields Redevelopment Authority
Telephone: 860-258-7833
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Varies

BROWNFIELDS 2: Brownfields Inventory
A brownfield site is generally defined as "real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant or contaminanta?|"

Date of Government Version: 11/30/2004
Date Data Arrived at EDR: 06/26/2009
Date Made Active in Reports: 07/09/2009
Number of Days to Update: 13

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3705
Last EDR Contact: 09/27/2013
Next Scheduled EDR Contact: 01/08/2014
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/24/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/24/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: No Update Planned

SWRCY: Recycling Facilities
A listing of recycling facilities.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 06/02/2011
Date Made Active in Reports: 06/27/2011
Number of Days to Update: 25

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3223
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/04/2013
Date Data Arrived at EDR: 12/10/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 65

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/05/2013
Next Scheduled EDR Contact: 03/17/2014
Data Release Frequency: Quarterly

CDL: Clandestine Drug Lab Listing
A listing of clandestine drug lab locations included in the Spills database.

Date of Government Version: 10/24/2013
Date Data Arrived at EDR: 10/25/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 42

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3361
Last EDR Contact: 01/06/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/06/2013
Date Data Arrived at EDR: 04/25/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

LIENS: Environmental Liens Listing
A listing of environmental liens placed by the Cost Recovery Program.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 12/23/2013
Number of Days to Update: 6

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3120
Last EDR Contact: 11/18/2013
Next Scheduled EDR Contact: 03/03/2014
Data Release Frequency: Varies

CT PROPERTY: Property Transfer Filings
A listing of sites that meet the definition of a hazardous waste establishment. They can be generators, dry cleaners, furniture strippers, etc. These sites have been sold to another owner.

Date of Government Version: 12/05/2013
Date Data Arrived at EDR: 12/06/2013
Date Made Active in Reports: 12/10/2013
Number of Days to Update: 4

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3705
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/30/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 76

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Annually

SPILLS: Oil & Chemical Spill Database
Oil and Chemical Spill Data.

Date of Government Version: 10/24/2013
Date Data Arrived at EDR: 10/25/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 42

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3024
Last EDR Contact: 01/06/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Semi-Annually

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 10/15/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/11/2013
Number of Days to Update: 39

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/06/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Varies

DOD: Department of Defense Sites
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/15/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 15

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/13/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2013
Date Data Arrived at EDR: 08/07/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 06/11/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 143

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/12/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/26/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 09/05/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 28

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/06/2013
Next Scheduled EDR Contact: 03/17/2014
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/27/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 11/21/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 11/21/2014
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 01/28/2014
Number of Days to Update: 77	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 10/09/2014
Number of Days to Update: 61	Next Scheduled EDR Contact: 04/28/2014
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013	Source: EPA
Date Data Arrived at EDR: 07/17/2013	Telephone: 202-566-0500
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/28/2014
Number of Days to Update: 107	Next Scheduled EDR Contact: 04/28/2014
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 08/02/2013	Telephone: 301-415-7169
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 12/09/2013
Number of Days to Update: 91	Next Scheduled EDR Contact: 03/24/2014
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 09/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2013	Telephone: 202-343-9775
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/10/2014
Number of Days to Update: 23	Next Scheduled EDR Contact: 04/21/2014
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 03/08/2013
Date Data Arrived at EDR: 03/21/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 111

Source: EPA
Telephone: (617) 918-1111
Last EDR Contact: 12/10/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/01/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/25/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Biennially

LWDS: Connecticut Leachate and Wastewater Discharge Sites

The Leachate and Waste Water Discharge Inventory Data Layer (LWDS) includes point locations digitized from Leachate and Wastewater Discharge Source maps compiled by the Connecticut DEP. These maps locate surface and groundwater discharges that (1) have received a waste water discharge permit from the state or (2) are historic and now defunct waste sites or (3) are locations of accidental spills, leaks, or discharges of a variety of liquid or solid wastes.

Date of Government Version: 07/17/2009
Date Data Arrived at EDR: 10/21/2009
Date Made Active in Reports: 10/30/2009
Number of Days to Update: 9

Source: Department of Energy & Environmental Protection
Telephone: N/A
Last EDR Contact: 01/10/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Varies

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/22/2013
Next Scheduled EDR Contact: 03/03/2014
Data Release Frequency: Annually

DRYCLEANERS: Drycleaner Facilities

A listing of drycleaner facility locations.

Date of Government Version: 07/18/2008
Date Data Arrived at EDR: 08/08/2008
Date Made Active in Reports: 08/27/2008
Number of Days to Update: 19

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3026
Last EDR Contact: 12/12/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Varies

ENFORCEMENT: Enforcement Case Listing

The types of enforcement actions included are administrative consent orders, final unilateral orders and final dispositions of civil cases through the Attorney General's Office.

Date of Government Version: 10/28/2013
Date Data Arrived at EDR: 10/30/2013
Date Made Active in Reports: 01/09/2014
Number of Days to Update: 71

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3265
Last EDR Contact: 01/20/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Varies

NPDES: Wastewater Permit Listing

A listing of permits issued by the DEP.

Date of Government Version: 10/09/2013
Date Data Arrived at EDR: 10/15/2013
Date Made Active in Reports: 10/28/2013
Number of Days to Update: 13

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3832
Last EDR Contact: 12/30/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

AIRS: Permitted Air Sources Listing

A listing of permitted air sources in Connecticut.

Date of Government Version: 05/15/2012
Date Data Arrived at EDR: 05/15/2012
Date Made Active in Reports: 05/31/2012
Number of Days to Update: 16

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3026
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/15/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 01/20/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/15/2013
Next Scheduled EDR Contact: 02/24/2014
Data Release Frequency: Varies

SEH: List of Significant Environmental Hazards Report to DEEP

The Significant Environmental Hazard Statute is intended to identify and abate short-term risks associated with specific environmental conditions identified in the statute. After abatement of short-term risks (meaning abatement of the significant environmental hazard condition), there may still be potential long-term risks associated with the release. However, a significant environmental hazard can be considered abated under the statute even though potential long-term risks may not have been addressed.

Date of Government Version: 11/27/2013
Date Data Arrived at EDR: 01/23/2014
Date Made Active in Reports: 02/12/2014
Number of Days to Update: 20

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3766
Last EDR Contact: 01/20/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013
Date Data Arrived at EDR: 02/14/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013
Date Data Arrived at EDR: 07/03/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 72

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/15/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: N/A

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Annually

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 11/20/2013
Date Data Arrived at EDR: 12/03/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/18/2013
Next Scheduled EDR Contact: 03/03/2014
Data Release Frequency: Quarterly

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/13/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/30/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 12/02/2013
Date Data Arrived at EDR: 06/24/2013
Date Made Active in Reports: 07/30/2013
Number of Days to Update: 36

Source: Department of Energy & Environmental Protection
Telephone: 860-418-5930
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/13/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

A listing containing RCRA financial assurance information submitted on behalf of the CT DEP's Program Analysis Group of the Waste Engineering and Enforcement Division.

Date of Government Version: 06/18/2013
Date Data Arrived at EDR: 06/24/2013
Date Made Active in Reports: 07/30/2013
Number of Days to Update: 36

Source: Department of Energy & Environmental Protection
Telephone: 860-418-5930
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Varies

CPCS: Contaminated or Potentially Contaminated Sites

A list of Contaminated or Potentially Contaminated Sites within Connecticut. This list represents the "Hazardous Waste Facilities," as defined in Section 22a-134f of the Connecticut General Statutes (CGS). The list contains the following types of sites: Sites listed on the Inventory of Hazardous Waste Disposal Sites; Sites subject to the Property Transfer Act; Sites at which underground storage tanks are known to have leaked; Sites at which hazardous waste subject to the RCRA; Sites that are included in EPA's (CERCLIS); Sites that are the subject of an order issued by the Commissioner of DEP that requires investigation and remediation of a potential or known source of pollution; and Sites that have entered into one of the Department's Voluntary Remediation Programs.

Date of Government Version: 07/12/2013
Date Data Arrived at EDR: 10/09/2013
Date Made Active in Reports: 10/30/2013
Number of Days to Update: 21

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3766
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 06/30/2013
Date Data Arrived at EDR: 08/13/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List
The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/02/2014
Number of Days to Update: 185

Source: EDR
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank
The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/02/2014
Number of Days to Update: 185

Source: EDR
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/17/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 11/01/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 11/18/2013
Number of Days to Update: 11

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/07/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/24/2013
Date Made Active in Reports: 08/19/2013
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/20/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 08/05/2013
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/25/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 11/12/2013
Date Data Arrived at EDR: 11/20/2013
Date Made Active in Reports: 12/11/2013
Number of Days to Update: 21

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 01/20/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 08/09/2013
Date Made Active in Reports: 09/27/2013
Number of Days to Update: 49

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/11/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Child Care Facilities
Source: Department of Public Health
Telephone: 860-509-8045

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Soils
Source: Department of Environmental Protection
Telephone: 860-871-4047

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

UCONN SCIENE & ENGINEERING BUILDING
181 AUDITORIUM ROAD
STORRS MANSFIELD, CT 06269

TARGET PROPERTY COORDINATES

Latitude (North):	41.8102 - 41˚ 48’ 36.72’’
Longitude (West):	72.2541 - 72˚ 15’ 14.76’’
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	728099.6
UTM Y (Meters):	4632135.5
Elevation:	598 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	41072-G3 COVENTRY, CT
Most Recent Revision:	1983
East Map:	41072-G2 SPRING HILL, CT
Most Recent Revision:	1983

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

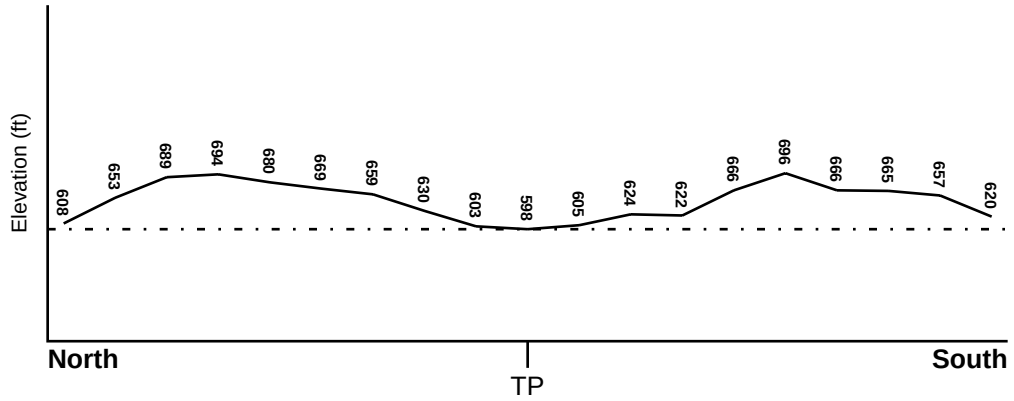
TOPOGRAPHIC INFORMATION

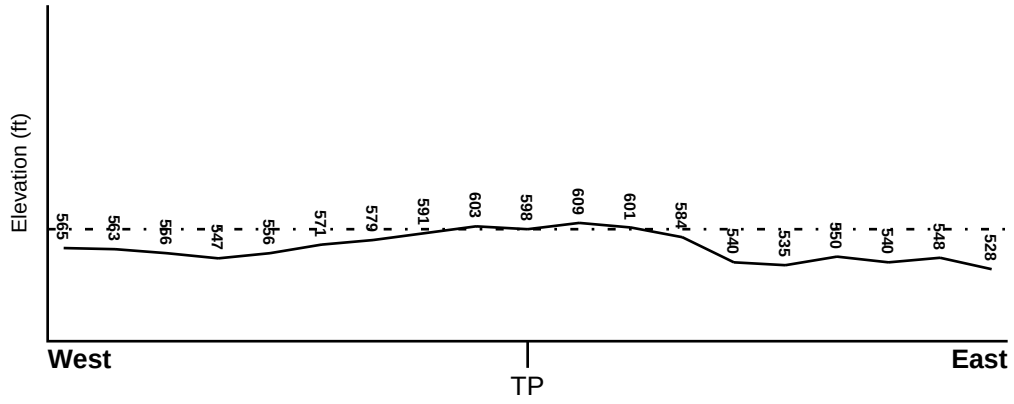
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 598 ft.

0 1/2 1 Miles

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
TOLLAND, CT	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0901280005C - FEMA Q3 Flood data

Additional Panels in search area: 0901280010C - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SOUTH COVENTRY	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

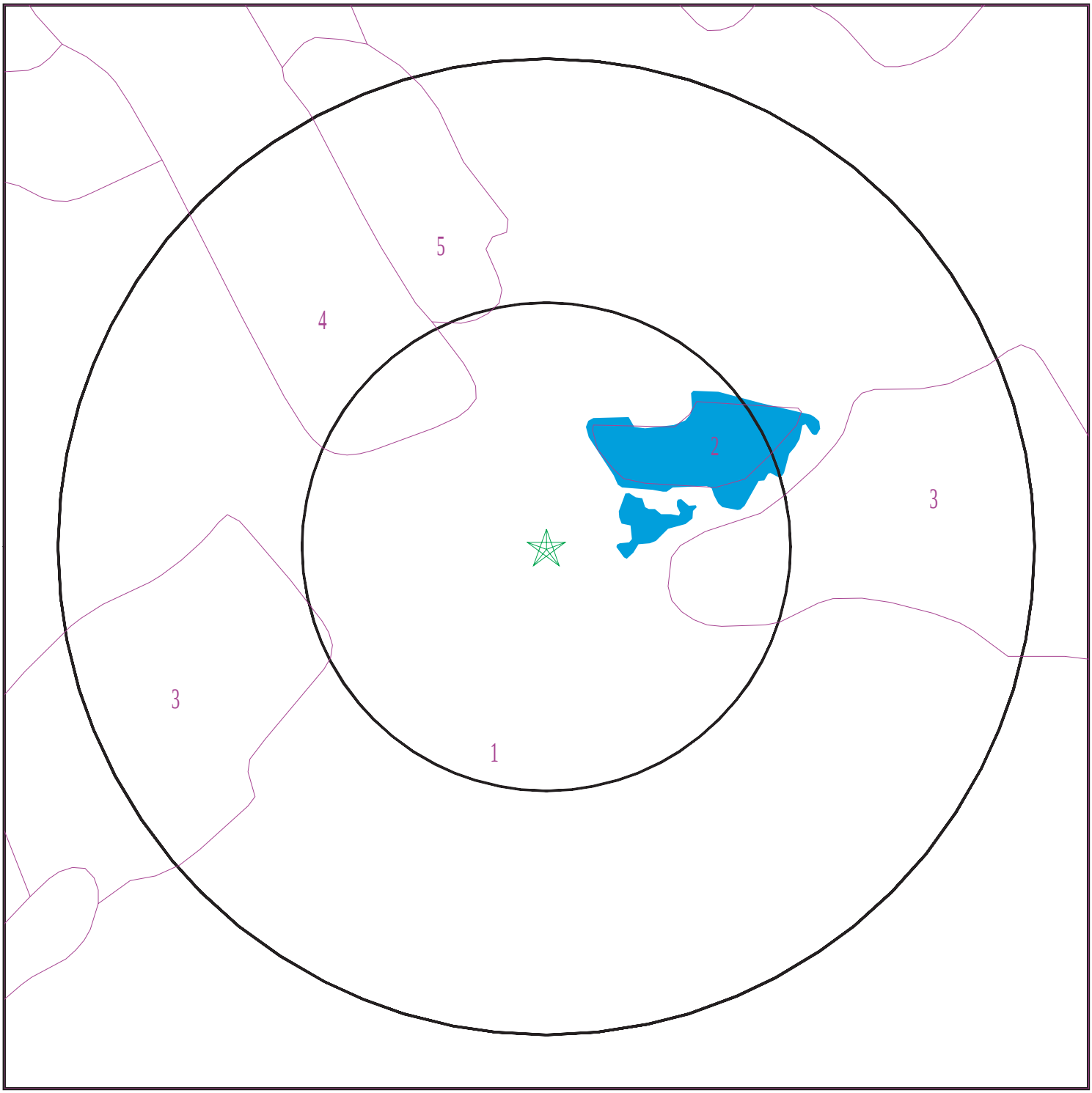
Era:	Paleozoic
System:	Devonian
Series:	Devonian
Code:	De *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Eugeosynclinal Deposits

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 03855939.2r



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Uconn Sciene & Engineering Building	CLIENT:	Haley & Aldrich, Inc.
ADDRESS:	181 Auditorium Road Storrs Mansfield CT 06269	CONTACT:	Jen Buchanon
		INQUIRY #:	03855939.2r
LAT/LONG:	41.8102 / 72.2541	DATE:	February 14, 2014 9:38 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Udorthents

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.8 Min: 4.5
2	5 inches	21 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 703 Min: 0.01	Max: 7.8 Min: 4.5
3	21 inches	79 inches	very gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 703 Min: 0.01	Max: 7.8 Min: 4.5

Soil Map ID: 2

Soil Component Name: Water

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 3

Soil Component Name: Urban land

Soil Surface Texture: material

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	material	Not reported	Not reported	Max: 141 Min: 0.07	Max: Min:

Soil Map ID: 4

Soil Component Name: Udorthents

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.8 Min: 4.5
2	5 inches	21 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 703 Min: 0.01	Max: 7.8 Min: 4.5
3	21 inches	79 inches	very gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 703 Min: 0.01	Max: 7.8 Min: 4.5

Soil Map ID: 5

Soil Component Name: Paxton

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6.5 Min: 4.5
2	7 inches	14 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6 Min: 4.5
3	14 inches	25 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6 Min: 4.5
4	25 inches	64 inches	gravelly fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.41 Min: 0.01	Max: 6 Min: 4.5

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	USGS40000228840	1/4 - 1/2 Mile WNW
A3	USGS40000228841	1/4 - 1/2 Mile WNW
B4	USGS40000228816	1/4 - 1/2 Mile West
B5	USGS40000228830	1/4 - 1/2 Mile West
7	USGS40000228799	1/2 - 1 Mile West
B9	USGS40000228817	1/2 - 1 Mile West
10	USGS40000228864	1/2 - 1 Mile WNW
11	USGS40000228807	1/2 - 1 Mile West
12	USGS40000228793	1/2 - 1 Mile WSW
15	USGS40000228800	1/2 - 1 Mile West
E16	USGS40000228858	1/2 - 1 Mile WNW
E17	USGS40000228855	1/2 - 1 Mile WNW
18	USGS40000228787	1/2 - 1 Mile WSW
F19	USGS40000228846	1/2 - 1 Mile WNW
E20	USGS40000228867	1/2 - 1 Mile WNW
F21	USGS40000228842	1/2 - 1 Mile West
G22	USGS40000228818	1/2 - 1 Mile West
23	USGS40000228874	1/2 - 1 Mile WNW
G24	USGS40000228819	1/2 - 1 Mile West
G25	USGS40000228831	1/2 - 1 Mile West
H26	USGS40000228834	1/2 - 1 Mile West
I27	USGS40000228856	1/2 - 1 Mile WNW
H28	USGS40000228850	1/2 - 1 Mile WNW
I29	USGS40000228852	1/2 - 1 Mile WNW
H30	USGS40000228851	1/2 - 1 Mile WNW
I31	USGS40000228859	1/2 - 1 Mile WNW
32	USGS40000228796	1/2 - 1 Mile West
I33	USGS40000228860	1/2 - 1 Mile WNW
J34	USGS40000228868	1/2 - 1 Mile WNW
J35	USGS40000228869	1/2 - 1 Mile WNW
36	USGS40000228873	1/2 - 1 Mile ENE
H37	USGS40000228835	1/2 - 1 Mile West
38	USGS40000228883	1/2 - 1 Mile WNW
K39	USGS40000228853	1/2 - 1 Mile West
K40	USGS40000228843	1/2 - 1 Mile West
K41	USGS40000228836	1/2 - 1 Mile West
42	USGS40000228823	1/2 - 1 Mile West
43	USGS40000228742	1/2 - 1 Mile SE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CT0780422	1/8 - 1/4 Mile East

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

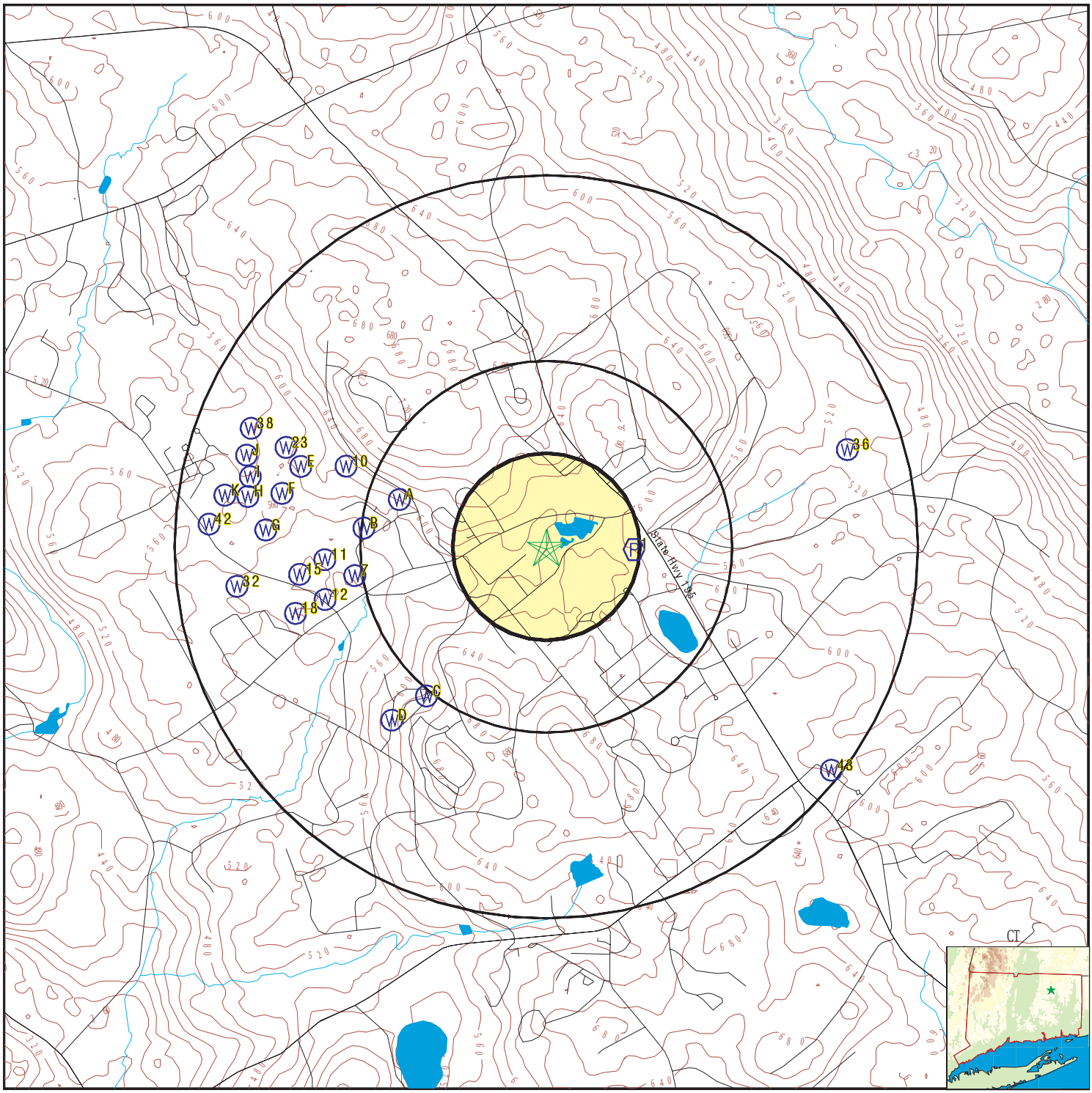
MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
C6	CTC000000000227	1/2 - 1 Mile SW
C8	CTC000000000226	1/2 - 1 Mile SW
D13	CTC000000000229	1/2 - 1 Mile SW
D14	CTC000000000228	1/2 - 1 Mile SW

PHYSICAL SETTING SOURCE MAP - 03855939.2r



County Boundary
Major Roads
Contour Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

Groundwater Flow Direction
Indeterminate Groundwater Flow at Location
Groundwater Flow Varies at Location
Closest Hydrogeological Data
EPA Designated Sole Src. Aq.

SITE NAME: Uconn Sciene & Engineering Building	CLIENT: Haley & Aldrich, Inc.
ADDRESS: 181 Auditorium Road Storrs Mansfield CT 06269	CONTACT: Jen Buchanon INQUIRY #: 03855939.2r
LAT/LONG: 41.8102 / 72.2541	DATE: February 14, 2014 9:38 am

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Map ID Direction Distance Elevation	Database	EDR ID Number
1 **East** **1/8 - 1/4 Mile** **Higher**	**FRDS PWS**	**CT0780422**

PWS ID:	CT0780422		
Date Initiated:	7706	Date Deactivated:	Not Reported
PWS Name:	MI VOKE RT 32 HARTFORD, CT 06268		
Addressee / Facility:	System Owner/Responsible Party MOBIL GAS STATION RT 32 MANSFIELD, CT 06250		
Facility Latitude:	41 48 36	Facility Longitude:	072 15 00
City Served:	Not Reported		
Treatment Class:	Untreated	Population:	00000030

Violations information not reported.

A2 **WNW** **1/4 - 1/2 Mile** **Higher**	**FED USGS**	**USGS40000228840**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414843072154401		
Monloc name:	CT-MS 50		
Monloc type:	Well		
Monloc desc:	SITE IS FOR STUDY OF GASOLINE IN BEDROCK		
Huc code:	01100002	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8120426
Longitude:	-72.2617457	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	580
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	New England crystalline-rock aquifers		
Formation type:	Non-Carbonate Crystalline Bedrock		
Aquifer type:	Unconfined multiple aquifers		
Construction date:	19881102	Welldepth:	48.2
Welldepth units:	ft	Wellholedepth:	48.2
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1988-11-02	7	

Map ID Direction Distance Elevation	Database	EDR ID Number
A3 **WNW** **1/4 - 1/2 Mile** **Higher**	**FED USGS**	**USGS40000228841**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414843072154402		
Monloc name:	CT-MS 51		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01100002	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8120426
Longitude:	-72.2617457	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	589
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	New England crystalline-rock aquifers		
Formation type:	Non-Carbonate Crystalline Bedrock		
Aquifer type:	Unconfined multiple aquifers		
Construction date:	19881102	Welldepth:	47.75
Welldepth units:	ft	Wellholedepth:	47.75
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

B4 **West** **1/4 - 1/2 Mile** **Lower**	**FED USGS**	**USGS40000228816**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414838072154601		
Monloc name:	CT-MS 110		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8106083
Longitude:	-72.2630472	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	574.26
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	22.6
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

B5
West
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000228830**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414841072154801		
Monloc name:	CT-MS 111		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8114028
Longitude:	-72.2634722	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	560.77
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	14.4
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

C6
SW
1/2 - 1 Mile
Higher

CT WELLS **CTC000000000227**

CT Community Well

Well ID:	243	Well Name:	Well 3
Supply System ID:	78006	Supply System Name:	ORCHARD ACRES ASSOCIATION
Source Status:	Active	Type:	Drilled
Groundwater Aquifer Type:	Bedrock	GIS Date/Method:	1999 Screen Digitize
Depth:	500 Feet	Depth to Bedrock:	0 Feet
Well Diameter:	0	Casing Diameter:	0
Pump Capacity:	5	Safe Yield:	.00499

7
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000228799**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414832072155001		
Monloc name:	CT-MS 113		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8090778
Longitude:	-72.2640667	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	537.55
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	24.3
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

C8
SW
1/2 - 1 Mile
Higher

CT WELLS **CTC000000000226**

CT Community Well

Well ID:	242	Well Name:	Well 4
Supply System ID:	78006	Supply System Name:	ORCHARD ACRES ASSOCIATION
Source Status:	Active	Type:	Drilled
Groundwater Aquifer Type:	Bedrock	GIS Date/Method:	1999 Screen Digitize
Depth:	290 Feet	Depth to Bedrock:	30 Feet
Well Diameter:	6	Casing Diameter:	0
Pump Capacity:	3	Safe Yield:	0

B9
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000228817**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414838072155101		
Monloc name:	CT-MS 109		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.810775
Longitude:	-72.2642528	Sourcemap scale:	Not Reported

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	555.84
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	17.3
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

10
WNW **FED USGS** **USGS40000228864**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414848072155201		
Monloc name:	CT-MS 115		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8133417
Longitude:	-72.2645222	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	605.16
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	23
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

11
West **FED USGS** **USGS40000228807**
1/2 - 1 Mile
Lower

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414834072155601		
Monloc name:	CT-MS 114		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8096972
Longitude:	-72.2656306	Sourcemap scale:	Not Reported

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	539.68
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	31.3
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

12
WSW **FED USGS** **USGS40000228793**
1/2 - 1 Mile
Lower

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414829072155601		
Monloc name:	CT-MS 100		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8081444
Longitude:	-72.2656139	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	545
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	125
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

D13
SW **CT WELLS** **CTC000000000229**
1/2 - 1 Mile
Higher

CT Community Well

Well ID:	245	Well Name:	Well 2
Supply System ID:	78006	Supply System Name:	ORCHARD ACRES ASSOCIATION
Source Status:	Active	Type:	Drilled
Groundwater Aquifer Type:	Bedrock	GIS Date/Method:	1993 GPS - EPA
Depth:	600 Feet	Depth to Bedrock:	0 Feet
Well Diameter:	0	Casing Diameter:	0
Pump Capacity:	7	Safe Yield:	.008

D14
SW
1/2 - 1 Mile
Higher

CT WELLS **CTC000000000228**

CT Community Well

Well ID:	244	Well Name:	Well 1
Supply System ID:	78006	Supply System Name:	ORCHARD ACRES ASSOCIATION
Source Status:	Active	Type:	Drilled
Groundwater Aquifer Type:	Bedrock	GIS Date/Method:	1999 Screen Digitize
Depth:	500 Feet	Depth to Bedrock:	0 Feet
Well Diameter:	0	Casing Diameter:	0
Pump Capacity:	5	Safe Yield:	.00499

15
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000228800**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414832072160101		
Monloc name:	CT-MS 120		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8091222
Longitude:	-72.2669472	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	538.59
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	16.5
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID Direction Distance Elevation	Database	EDR ID Number
E16 **WNW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000228858**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414847072155901		
Monloc name:	CT-MS 91		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8131833
Longitude:	-72.2664	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	582.31
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	127
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

E17 **WNW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000228855**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414846072160101		
Monloc name:	CT-MS 105		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8129639
Longitude:	-72.2670083	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	572.18
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	17.6
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

18
WSW **FED USGS** **USGS40000228787**
1/2 - 1 Mile
Lower

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414827072160101		
Monloc name:	CT-MS 103		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8076028
Longitude:	-72.2671556	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	549.2
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	325
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

F19
WNW **FED USGS** **USGS40000228846**
1/2 - 1 Mile
Lower

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414844072160301		
Monloc name:	CT-MS 106		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8124778
Longitude:	-72.2675278	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	569.05
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	14
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

E20
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000228867**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414849072160201		
Monloc name:	CT-MS 107		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8138444
Longitude:	-72.2672389	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	571.12
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	16.6
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

F21
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000228842**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414843072160501		
Monloc name:	CT-MS 112		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8120833
Longitude:	-72.2681917	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	566.14
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	14
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

G22
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000228818**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414838072160601		
Monloc name:	CT-MS 95		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8105861
Longitude:	-72.2685139	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	554.22
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	126
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

23
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000228874**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414850072160301		
Monloc name:	CT-MS 108		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8140722
Longitude:	-72.26765	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	574.57
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	22.1
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

G24
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000228819**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414838072160701		
Monloc name:	CT-MS 119		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8105583
Longitude:	-72.2687417	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	550.77
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	17.9
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

G25
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000228831**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414841072160701		
Monloc name:	CT-MS 90		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8114167
Longitude:	-72.2688694	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	566.02
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	126
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

H26
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000228834**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414842072160901		
Monloc name:	CT-MS 117		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8116889
Longitude:	-72.2692222	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	572.37
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	36.1
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

I27
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000228856**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414846072160801		
Monloc name:	CT-MS 89		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.81285
Longitude:	-72.2689806	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	575.42
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	128
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

H28
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000228850**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414845072160801		
Monloc name:	CT-MS 97		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8126306
Longitude:	-72.2691583	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	576.90
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	125
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

I29
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000228852**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414845072161002		
Monloc name:	CT-MS 94		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8127028
Longitude:	-72.2695333	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	579.32
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	44
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

H30
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000228851**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414845072161001		
Monloc name:	CT-MS 93		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8126056
Longitude:	-72.2696972	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	581.24
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	127
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

I31
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000228859**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414847072161001		
Monloc name:	CT-MS 98		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8131139
Longitude:	-72.2695972	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	575.34
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	128
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

32
West **FED USGS** **USGS40000228796**
1/2 - 1 Mile
Lower

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414831072161201		
Monloc name:	CT-MS 101		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8086583
Longitude:	-72.2702056	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	563
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	132
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

I33
WNW **FED USGS** **USGS40000228860**
1/2 - 1 Mile
Lower

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414847072161101		
Monloc name:	CT-MS 116		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8130556
Longitude:	-72.2699278	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	574.61
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	21.6
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

J34
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000228868**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414849072161001		
Monloc name:	CT-MS 104		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8137667
Longitude:	-72.269675	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	576.13
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	25
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

J35
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000228869**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414849072161101		
Monloc name:	CT-MS 88		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.813775
Longitude:	-72.2697417	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	571.0
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	130
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

36
ENE **FED USGS** **USGS40000228873**
1/2 - 1 Mile
Lower

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414850072142001		
Monloc name:	CT-MS 47		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01100002	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.813987
Longitude:	-72.2384118	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	500
Vert measure units:	feet	Vertacc measure val:	005
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Sand and gravel aquifers (glaciated regions)		
Formation type:	Till		
Aquifer type:	Unconfined single aquifer		
Construction date:	19880421	Welldepth:	14.6
Welldepth units:	ft	Wellholedepth:	37
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1988-07-08	8.60	

H37
West **FED USGS** **USGS40000228835**
1/2 - 1 Mile
Lower

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414842072161301		
Monloc name:	CT-MS 118		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8117083
Longitude:	-72.2704778	Sourcemap scale:	Not Reported

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	585.09
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	16.6
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

38
WNW **FED USGS** **USGS40000228883**
1/2 - 1 Mile
Lower

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414853072161001		
Monloc name:	CT-MS 87		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8148194
Longitude:	-72.2694667	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	553.53
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	127
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

K39
West **FED USGS** **USGS40000228853**
1/2 - 1 Mile
Lower

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414845072161301		
Monloc name:	CT-MS 92		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8125722
Longitude:	-72.2705083	Sourcemap scale:	Not Reported

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	588.82
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	130
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

K40
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000228843**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414843072161401		
Monloc name:	CT-MS 96		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8121917
Longitude:	-72.2707222	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	582.33
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	127
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

K41
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000228836**

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414842072161601		
Monloc name:	CT-MS 99		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8118639
Longitude:	-72.2712778	Sourcemap scale:	Not Reported

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	577.20
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	303
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

42
West **FED USGS** **USGS40000228823**
1/2 - 1 Mile
Lower

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414839072161701		
Monloc name:	CT-MS 102		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8110806
Longitude:	-72.2716639	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	577.7
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	248
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

43
SE **FED USGS** **USGS40000228742**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-CT		
Formal name:	USGS Connecticut Water Science Center		
Monloc Identifier:	USGS-414805072142301		
Monloc name:	CT-MS 30		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01100002	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.8014871
Longitude:	-72.2392452	Sourcemap scale:	Not Reported

Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	608
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	New England crystalline-rock aquifers		
Formation type:	Non-Carbonate Crystalline Bedrock		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	173
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CT Radon

Radon Test Results

City	# Sites	< 4 Pci/L	4 < 10 Pci/L	10 < 20 Pci/L	20 < 50 Pci/L	50 < 100 Pci/L	> 100 Pci/L
Stafford Springs	2	2 (100)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Storrs	4	3 (75)	0 (0)	1 (25)	0 (0)	0 (0)	0 (0)
Tolland	15	10 (66.7)	4 (26.7)	1 (6.6)	0 (0)	0 (0)	0 (0)
Vernon	29	24 (82.7)	4 (13.8)	1 (3.5)	0 (0)	0 (0)	0 (0)
West Willington	1	1 (100)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Willington	1	2 (100)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Manchester	34	24 (70.6)	10 (29.4)	0 (0)	0 (0)	0 (0)	0 (0)
Amston	10	5 (50)	4 (40)	1 (10)	0 (0)	0 (0)	0 (0)
Andover	97	74 (76.3)	15 (15.5)	6 (6.2)	1 (1)	0 (0)	0 (0)
Bolton	10	7(70)	2 (20)	1 (10)	0 (0)	0 (0)	0 (0)
Columbia	11	8 (72.7)	3 (27.3)	0 (0)	0 (0)	0 (0)	0 (0)
Coventry	16	13 (81.25)	1 (6.25)	2 (12.5)	0 (0)	0 (0)	0 (0)
Ellington	19	15 (78.9)	2 (10.5)	2 (10.5)	0 (0)	0 (0)	0 (0)
Mansfield	100	87 (87)	13 (13)	0 (0)	0 (0)	0 (0)	0 (0)
Somers	2	2 (100)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)

Federal EPA Radon Zone for TOLLAND County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for TOLLAND COUNTY, CT

Number of sites tested: 403

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	1.090 pCi/L	93%	7%	0%
Basement	1.580 pCi/L	87%	12%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Soils
Source: Department of Environmental Protection
Telephone: 860-871-4047

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Connecticut Leachate and Wastewater Discharge Sites
Source: Department of Environmental Protection
The Leachate and Waste Water Discharge Inventory Data Layer (LWDS) includes point locations digitized from Leachate and Wastewater Discharge Source maps compiled by the Connecticut DEP. These maps locate surface and groundwater discharges that (1) have received a waste water discharge permit from the state or (2) are historic and now defunct waste sites or (3) are locations of accidental spills, leaks, or discharges of a variety of liquid or solid wastes.

EPA-Approved Sole Source Aquifers in Connecticut
Source: EPA
Sole source aquifers are defined as an aquifer designated as the sole or principal source of drinking water for a given aquifer service area; that is, an aquifer which is needed to supply 50% or more of the drinking water for the area and for which there are no reasonable alternative sources should the aquifer become contaminated.

Community and Non-Community Water System Wells
Source: Department of Public Health, Water Supplies Section
Telephone: 860-509-7333
Active, emergency and inactive wells used for potable purposes that are owned and operated by active community and non-community water systems in Connecticut.

OTHER STATE DATABASE INFORMATION

RADON

State Database: CT Radon
Source: Department of Public Health
Telephone: 860-509-7367
Radon Statistical Summary

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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Uconn Sciene & Engineering Building
181 Auditorium Road
Storrs Mansfield, CT 06269

Inquiry Number: 3855939.3
February 14, 2014

Certified Sanborn® Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

2/14/14

Site Name:	**Client Name:**
Uconn Sciene & Engineering	Haley & Aldrich, Inc.
181 Auditorium Road	100 Corporate Place
Storrs Mansfield, CT 06269	Rocky Hill, CT 06067-0000
EDR Inquiry # 3855939.3	Contact: Jen Buchanon

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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name:	Uconn Sciene & Engineering Building
Address:	181 Auditorium Road
City, State, Zip:	Storrs Mansfield, CT 06269
Cross Street:	
P.O. #	36190-000
Project:	Proposed Science & Engineering
Certification #	5E92-4D75-9348

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results
Certification # 5E92-4D75-9348

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- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

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Uconn Sciene & Engineering Building
181 Auditorium Road
Storrs Mansfield, CT 06269

Inquiry Number: 3855939.5
February 17, 2014

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography February 17, 2014

Target Property:

181 Auditorium Road

Storrs Mansfield, CT 06269

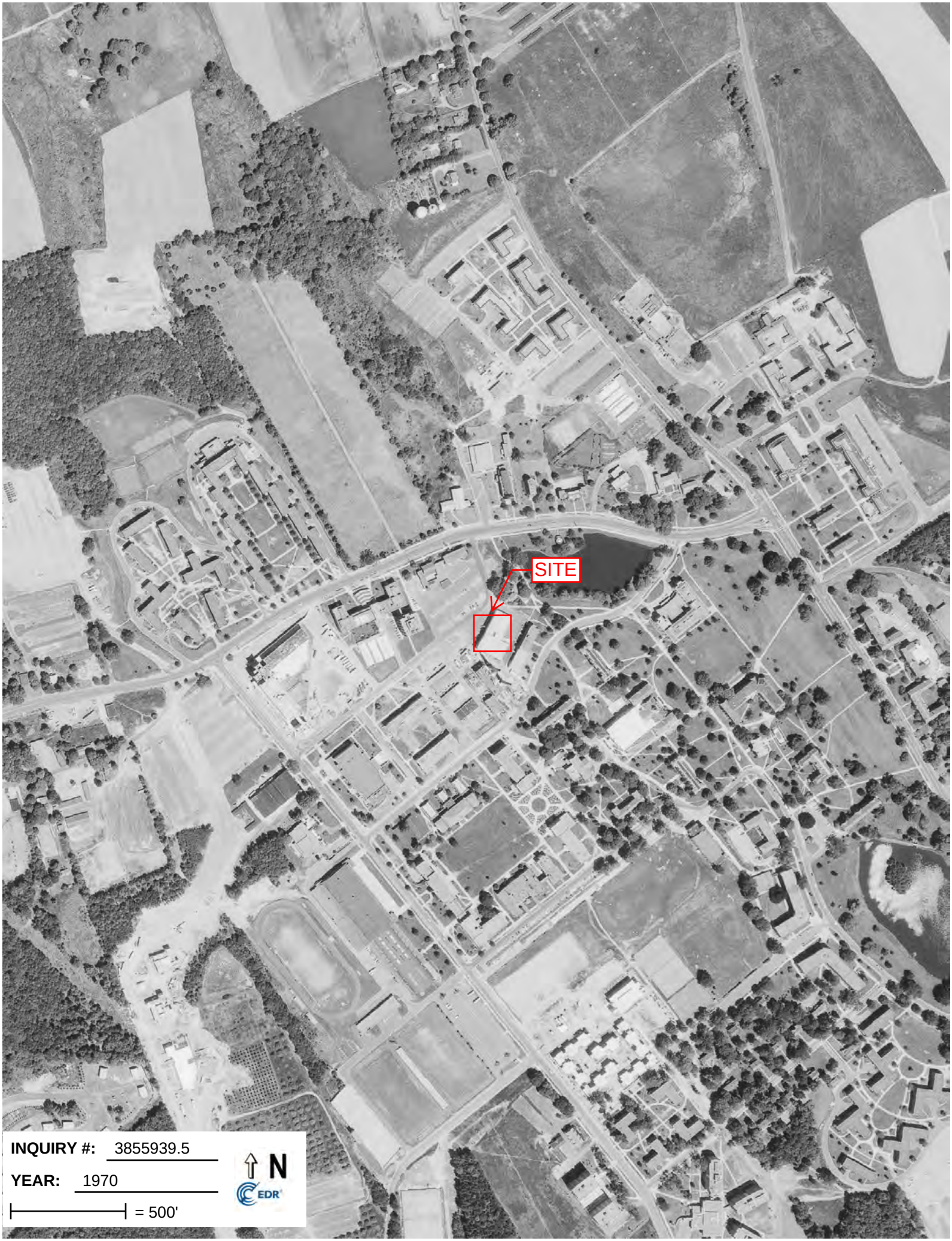
Year	***Scale***	***Details***	***Source***
1934	Aerial Photograph. Scale: 1"=500'	Panel #: 41072-G3, Coventry, CT;/Flight Date: April 10, 1934	EDR
1941	Aerial Photograph. Scale: 1"=750'	Panel #: 41072-G3, Coventry, CT;/Flight Date: October 07, 1941	EDR
1951	Aerial Photograph. Scale: 1"=500'	Panel #: 41072-G3, Coventry, CT;/Flight Date: September 09, 1951	EDR
1960	Aerial Photograph. Scale: 1"=500'	Panel #: 41072-G3, Coventry, CT;/Flight Date: January 01, 1960	EDR
1970	Aerial Photograph. Scale: 1"=500'	Panel #: 41072-G3, Coventry, CT;/Flight Date: May 30, 1970	EDR
1974	Aerial Photograph. Scale: 1"=500'	Panel #: 41072-G3, Coventry, CT;/Flight Date: March 14, 1974	EDR
1980	Aerial Photograph. Scale: 1"=1000'	Panel #: 41072-G3, Coventry, CT;/Flight Date: March 19, 1980	EDR
1986	Aerial Photograph. Scale: 1"=500'	Panel #: 41072-G3, Coventry, CT;/Flight Date: March 22, 1986	EDR
1991	Aerial Photograph. Scale: 1"=500'	Panel #: 41072-G3, Coventry, CT;/DOQQ - acquisition dates: March 31, 1991	EDR
1995	Aerial Photograph. Scale: 1"=500'	Panel #: 41072-G3, Coventry, CT;/Flight Date: April 25, 1995	EDR
1997	Aerial Photograph. Scale: 1"=500'	Panel #: 41072-G3, Coventry, CT;/Flight Date: January 01, 1997	EDR
2005	Aerial Photograph. Scale: 1"=500'	Panel #: 41072-G3, Coventry, CT;/Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 41072-G3, Coventry, CT;/Flight Year: 2006	EDR
2008	Aerial Photograph. Scale: 1"=500'	Panel #: 41072-G3, Coventry, CT;/Flight Year: 2008	EDR
2010	Aerial Photograph. Scale: 1"=500'	Panel #: 41072-G3, Coventry, CT;/Flight Year: 2010	EDR
2012	Aerial Photograph. Scale: 1"=500'	Panel #: 41072-G3, Coventry, CT;/Flight Year: 2012	EDR

SITE
INQUIRY #: 3855939.5
YEAR: 1934
= 500'
N
EDR

SITE
INQUIRY #: 3855939.5
YEAR: 1941
= 750'
N
EDR

SITE
INQUIRY #: 3855939.5
YEAR: 1951
= 500'
N
EDR

SITE
INQUIRY #: 3855939.5
YEAR: 1960
= 500'
N
EDR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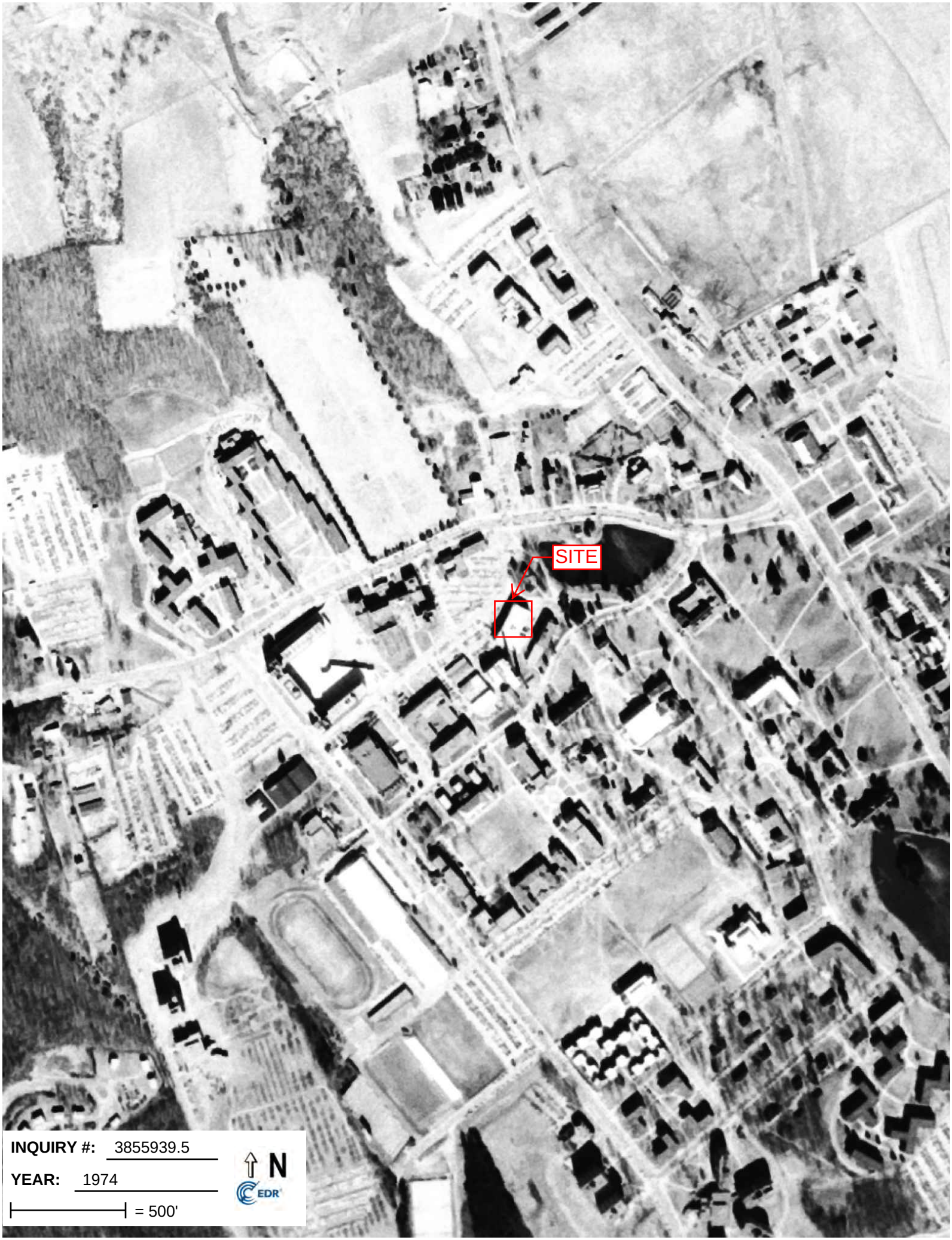
EDR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EDR

SITE
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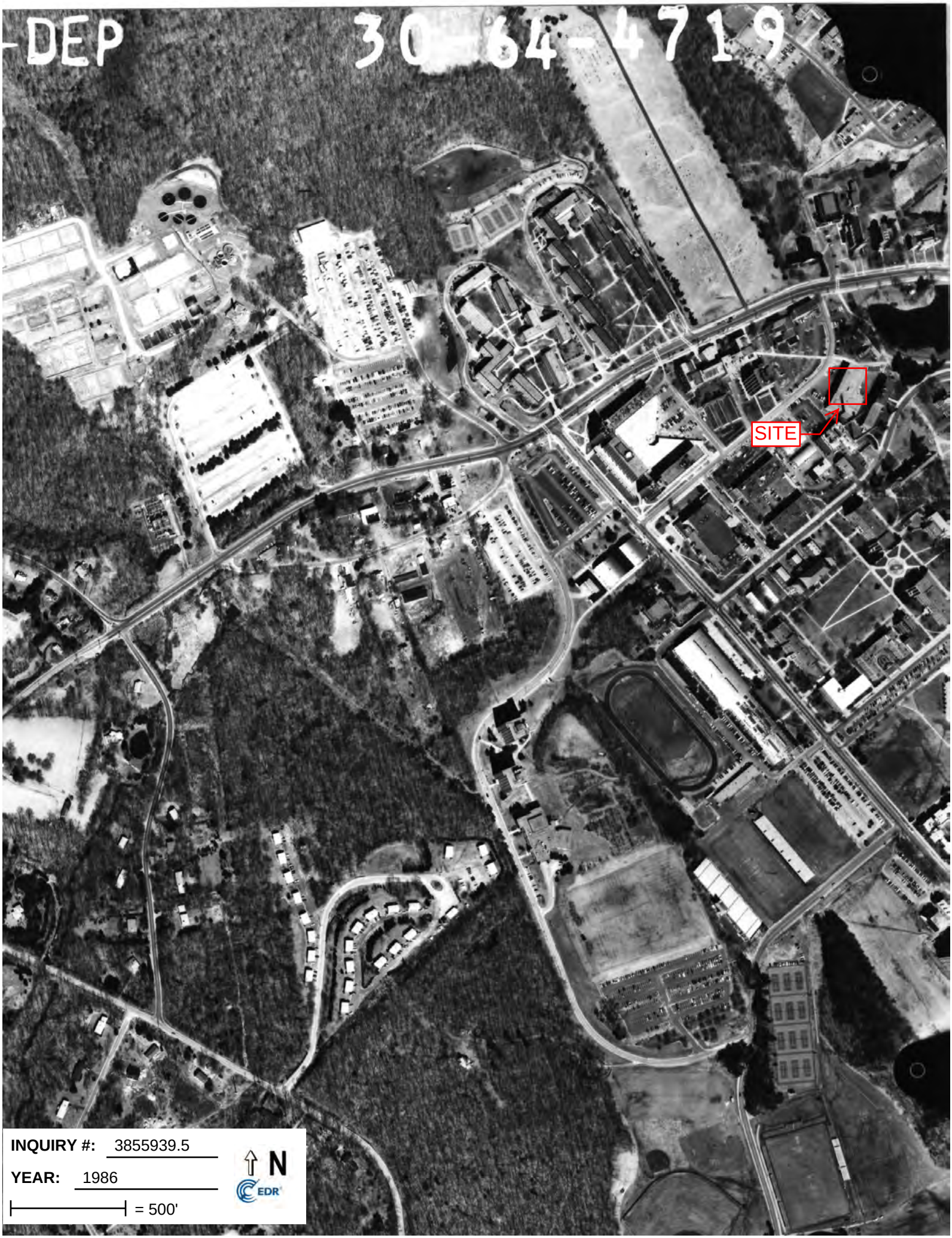
YEAR: 1980
= 1000'
N
EDR



INQUIRY #: 3855939.5

YEAR: 1986

= 500'

N

EDR

SITE
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YEAR: 1991
= 500'
N
EDR

SITE
INQUIRY #: 3855939.5
YEAR: 1995
= 500'
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EDR

SITE
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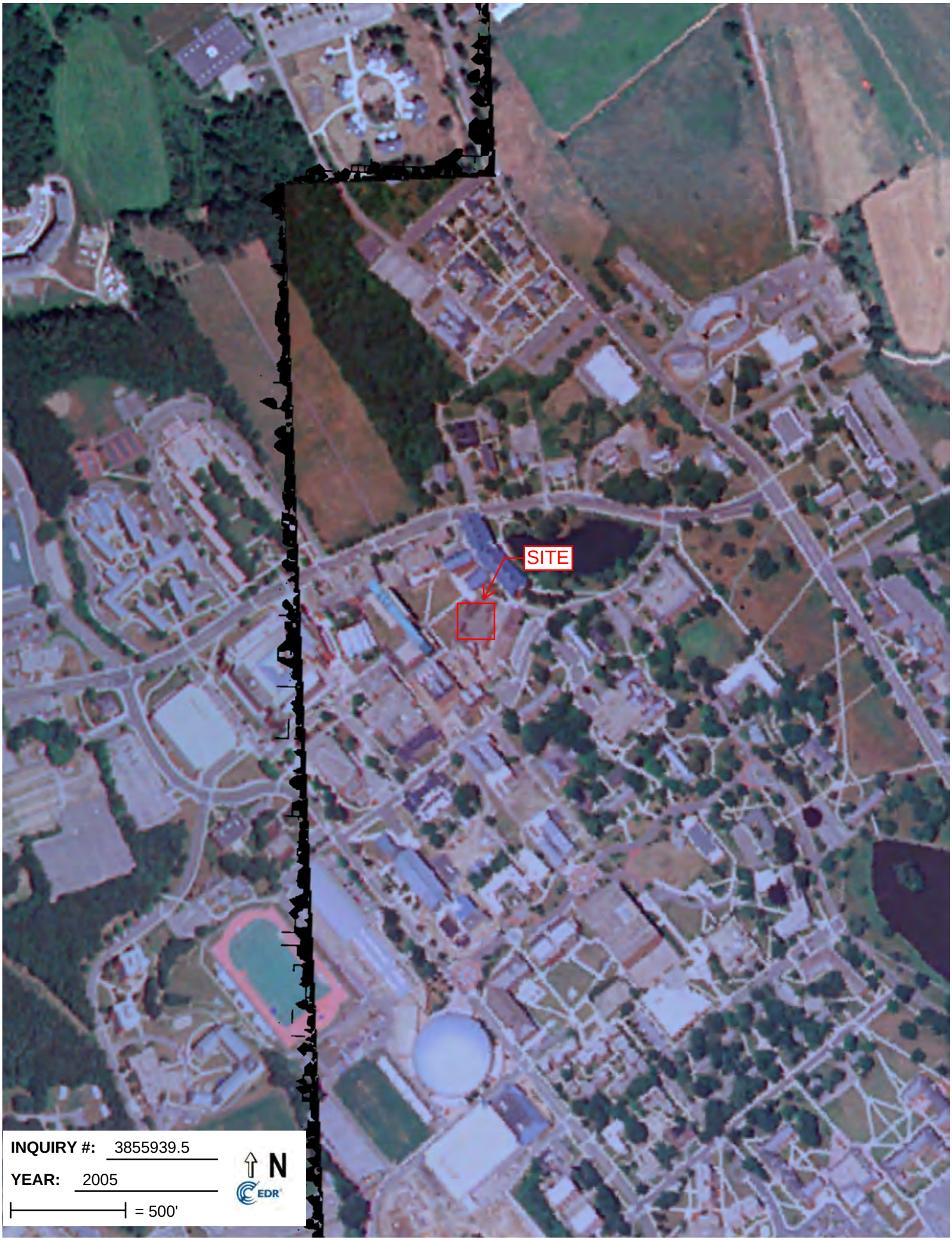
YEAR: 1997
= 500'
N
EDR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EDR

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INQUIRY #: 3855939.5
YEAR: 2006
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N
EDR

SITE
INQUIRY #: 3855939.5
YEAR: 2008
= 500'
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EDR

SITE
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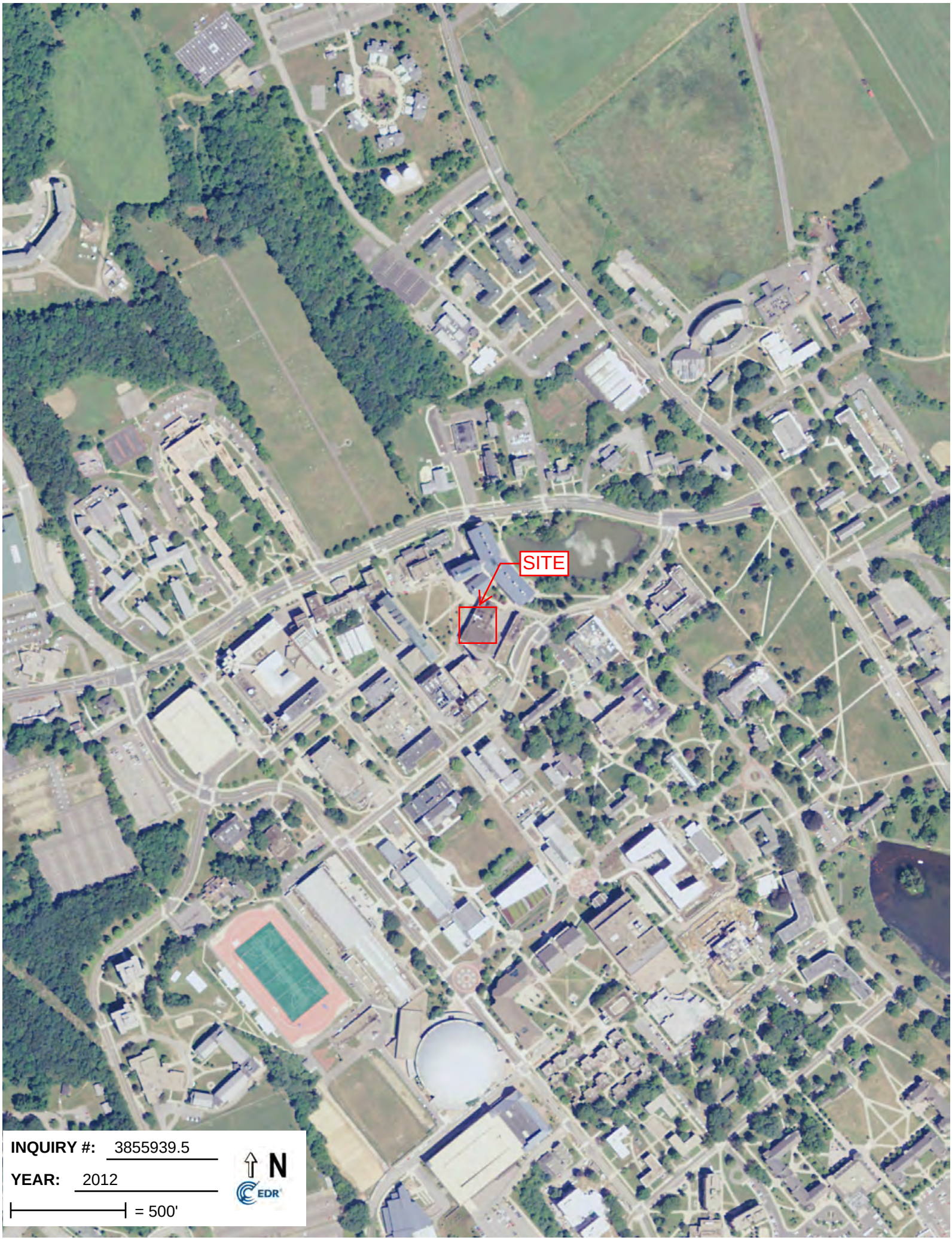
YEAR: 2010
= 500'
N
EDR


SITE
INQUIRY #: 3855939.5
YEAR: 2012
= 500'
N
EDR

APPENDIX F

Laboratory Soil and Groundwater Analytical Data Reports

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Ms. Jen Buchanon
Haley & Aldrich
100 Corporate Place, Suite 105
Rocky Hill, CT 06067-1803

Analytical Report
CET# 4020089R

Report Date: February 20, 2014
Project: UConn New Science & Engineering Bldg
Project Number: 36190-000

Connecticut Laboratory Certificate: PH 0116
Massachussetts laboratory Certificate.: M-CT903
Rhode Island Certification: 199

New York Certification: 11982
Florida Laboratory Certification: E871064

SAMPLE SUMMARY

The sample(s) were received at 3.8°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
B2 S1	4020089-01	Soil	2/04/2014 9:00	02/07/2014
B3 S2	4020089-02	Soil	2/07/2014 9:00	02/07/2014
B3 S1	4020089-03	Soil	2/07/2014 9:00	02/07/2014
B10 S1	4020089-04	Soil	2/06/2014 9:00	02/07/2014
B2 S2	4020089-05	Soil	2/04/2014 9:00	02/07/2014

Analyte: Total Solids [EPA 160.3 modified] **Analyst: MS**

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4020089-01	B2 S1	**88**	1.0	%	1	B4B1419	02/14/2014	02/14/2014 12:10	
4020089-02	B3 S2	**91**	1.0	%	1	B4B1419	02/14/2014	02/14/2014 12:10	
4020089-03	B3 S1	**90**	1.0	%	1	B4B1419	02/14/2014	02/14/2014 12:10	
4020089-04	B10 S1	**82**	1.0	%	1	B4B1419	02/14/2014	02/14/2014 12:10	
4020089-05	B2 S2	**93**	1.0	%	1	B4B1419	02/14/2014	02/14/2014 12:10	

Analyte: Flashpoint [EPA 1010A] **Analyst: JF**

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4020089-01	B2 S1	**>200 F**	1.0	°F	1	B4B1306	02/13/2014	02/13/2014 13:27	
4020089-02	B3 S2	**>200 F**	1.0	°F	1	B4B1306	02/13/2014	02/13/2014 13:27	
4020089-03	B3 S1	**>200 F**	1.0	°F	1	B4B1306	02/13/2014	02/13/2014 13:27	
4020089-04	B10 S1	**>200 F**	1.0	°F	1	B4B1306	02/13/2014	02/13/2014 13:27	
4020089-05	B2 S2	**>200 F**	1.0	°F	1	B4B1306	02/13/2014	02/13/2014 13:27	

Analyte: Reactive Sulfide [EPA 376.1] **Analyst: CC**

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4020089-01	B2 S1	ND	20	mg/L	1	B4B1209	02/10/2014	02/10/2014 13:51	
4020089-02	B3 S2	ND	20	mg/L	1	B4B1209	02/10/2014	02/10/2014 13:51	
4020089-03	B3 S1	ND	20	mg/L	1	B4B1209	02/10/2014	02/10/2014 13:51	
4020089-04	B10 S1	ND	20	mg/L	1	B4B1209	02/10/2014	02/10/2014 13:51	
4020089-05	B2 S2	ND	20	mg/L	1	B4B1209	02/10/2014	02/10/2014 13:51	

Analyte: Reactive Cyanide [SW 846 Ch. 7] **Analyst: CC**

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4020089-01	B2 S1	ND	5.0	mg/L	1	B4B1209	02/10/2014	02/10/2014 13:51	
4020089-02	B3 S2	ND	5.0	mg/L	1	B4B1209	02/10/2014	02/10/2014 13:51	
4020089-03	B3 S1	ND	5.0	mg/L	1	B4B1209	02/10/2014	02/10/2014 13:51	
4020089-04	B10 S1	ND	5.0	mg/L	1	B4B1209	02/10/2014	02/10/2014 13:51	
4020089-05	B2 S2	ND	5.0	mg/L	1	B4B1209	02/10/2014	02/10/2014 13:51	

Analyte: pH [SM 4500-H B] **Analyst: MH**

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4020089-01	B2 S1	**8.50**	NA	pH Units	1	B4B1109	02/10/2014	02/10/2014 16:57	
4020089-02	B3 S2	**6.81**	NA	pH Units	1	B4B1109	02/10/2014	02/10/2014 17:05	
4020089-03	B3 S1	**6.27**	NA	pH Units	1	B4B1109	02/10/2014	02/10/2014 17:08	
4020089-04	B10 S1	**5.97**	NA	pH Units	1	B4B1109	02/10/2014	02/10/2014 17:10	
4020089-05	B2 S2	**7.44**	NA	pH Units	1	B4B1109	02/10/2014	02/10/2014 17:14	

Analyte: Mercury [EPA 7471B] **Analyst: MS**

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4020089-01	B2 S1	ND	0.23	mg/kg dry	1	B4B1115	02/11/2014	02/11/2014 14:36	
4020089-02	B3 S2	ND	0.22	mg/kg dry	1	B4B1115	02/11/2014	02/11/2014 14:36	
4020089-03	B3 S1	ND	0.22	mg/kg dry	1	B4B1115	02/11/2014	02/11/2014 14:36	
4020089-04	B10 S1	ND	0.24	mg/kg dry	1	B4B1115	02/11/2014	02/11/2014 14:36	
4020089-05	B2 S2	ND	0.22	mg/kg dry	1	B4B1115	02/11/2014	02/11/2014 14:36	

Client Sample ID B2 S1
Lab ID: 4020089-01

Total Metals **Analyst: SS**

Method: EPA 6010C **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**12**	2.3	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:27	
Selenium	ND	1.1	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:27	
Cadmium	ND	0.57	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:27	
Chromium	**16**	2.3	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:27	
Arsenic	**3.0**	1.1	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:27	
Barium	**51**	2.3	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:27	
Silver	ND	2.3	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:27	

Conn. Extractable TPH **Analyst: HE**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	57	1	EPA 3550C	B4B1104	02/11/2014	02/11/2014 18:19	
Surrogate: Octacosane	*72.2 %*	*50 - 150*			B4B1104	02/11/2014	*02/11/2014 18:19*	

PCBs by ASE **Analyst: CA**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.23	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 17:23	
PCB-1221	ND	0.23	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 17:23	
PCB-1232	ND	0.23	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 17:23	
PCB-1242	ND	0.23	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 17:23	
PCB-1248	ND	0.23	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 17:23	
PCB-1254	ND	0.23	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 17:23	
PCB-1260	ND	0.23	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 17:23	
PCB-1268	ND	0.23	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 17:23	
Surrogate: TCMX	*93.7 %*	*50 - 150*			B4B1111	02/11/2014	*02/11/2014 17:23*	
Surrogate: DCB	*90.4 %*	*50 - 150*			B4B1111	02/11/2014	*02/11/2014 17:23*	

Client Sample ID B2 S1
Lab ID: 4020089-01

Semivolatile Organics
Method: EPA 8270D

Analyst: ALB
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
1,3-Dichlorobenzene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
n-Nitroso-di-n-propylamine	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Pyridine	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
n-Nitroso-dimethylamine	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
bis(2-Chloroethyl)ether	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Aniline	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
2-Chlorophenol	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
1,4-Dichlorobenzene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Benzyl Alcohol	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
1,2-Dichlorobenzene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
bis(2-Chloroisopropyl)ether	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Hexachloroethane	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
2-Methyl Phenol	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
3+4 Methyl Phenol	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Naphthalene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
2-Nitrophenol	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
2,4-Dichlorophenol	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Hexachlorobutadiene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
4-Chloro-3-methylphenol	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Nitrobenzene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Isophorone	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
2,4-Dimethylphenol	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
bis(2-Chloroethoxy)methane	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Benzoic Acid	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
1,2,4-Trichlorobenzene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
2,6-Dichlorophenol	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
4-Chloroaniline	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
1,2,4,5-Tetrachlorobenzene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
2-Methyl Naphthalene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Acenaphthylene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Acenaphthene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Dibenzofuran	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Fluorene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Hexachlorocyclopentadiene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
2,4,6-Trichlorophenol	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
2,4,5-Trichlorophenol	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	

Client Sample ID B2 S1
Lab ID: 4020089-01

Semivolatile Organics
Method: EPA 8270D

Analyst: ALB
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,4-Dinitrophenol	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
4-Nitrophenol	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
2-Chloronaphthalene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
2-Nitroaniline	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Dimethylphthalate	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
2,6-Dinitrotoluene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
4-Nitroaniline	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
2,4-Dinitrotoluene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
2,3,4,6-Tetrachlorophenol	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
4-Chlorophenyl-phenylether	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Diethylphthalate	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Phenanthrene	**420**	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Anthracene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Carbazole	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Fluoranthene	**580**	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Pyrene	**490**	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
n-Nitrosodiphenylamine	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Pentachlorophenol	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
3-Nitroaniline	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
4,6-Dinitro-2-methylphenol	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
1,2-Diphenylhydrazine	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
4-Bromophenyl-phenylether	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Hexachlorobenzene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Di-n-butylphthalate	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Pentachloronitrobenzene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Benzo[a]anthracene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Chrysene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Butylbenzylphthalate	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
3,3-Dichlorobenzidine	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
bis(2-Ethylhexyl)phthalate	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Di-n-octylphthalate	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Benzo[b]fluoranthene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Benzo[k]fluoranthene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Benzo[a]pyrene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Indeno[1,2,3-cd]pyrene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Dibenz[a,h]anthracene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Benzo[g,h,i]perylene	ND	340	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 03:14	
Surrogate: 2-Fluorophenol	*67.1 %*	*30 - 130*			B4B1105	02/11/2014	*02/12/2014 03:14*	

Client Sample ID B2 S1
Lab ID: 4020089-01

Semivolatile Organics **Analyst: ALB**

Method: EPA 8270D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: Phenol-d6	*68.5 %*		*30 - 130*		B4B1105	02/11/2014	*02/12/2014 03:14*	
Surrogate: Nitrobenzene-d5	*67.3 %*		*30 - 130*		B4B1105	02/11/2014	*02/12/2014 03:14*	
Surrogate: 2-Fluorobiphenyl	*71.0 %*		*30 - 130*		B4B1105	02/11/2014	*02/12/2014 03:14*	
Surrogate: 2,4,6-Tribromophenol	*48.2 %*		*30 - 130*		B4B1105	02/11/2014	*02/12/2014 03:14*	
Surrogate: Terphenyl-d14	*78.8 %*		*30 - 130*		B4B1105	02/11/2014	*02/12/2014 03:14*	

Volatile Organics **Analyst: JS**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	16	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Chloromethane	ND	11	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Vinyl Chloride	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Bromomethane	ND	11	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Chloroethane	ND	11	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Trichlorofluoromethane	ND	44	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Acetone	ND	160	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Acrylonitrile	ND	8.8	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Trichlorotrifluoroethane	ND	44	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
1,1-Dichloroethene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Methylene Chloride	ND	55	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Carbon Disulfide	ND	11	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Methyl-t-Butyl Ether (MTBE)	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
trans-1,2-Dichloroethene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
1,1-Dichloroethane	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
2-Butanone (MEK)	ND	27	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
2,2-Dichloropropane	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
cis-1,2-Dichloroethene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Chloroform	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Tetrahydrofuran	ND	27	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
1,1,1-Trichloroethane	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Carbon Tetrachloride	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
1,1-Dichloropropene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Benzene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
1,2-Dichloroethane	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	

Client Sample ID B2 S1
Lab ID: 4020089-01

Volatile Organics **Analyst: JS**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
1,2-Dichloropropane	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Dibromomethane	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Bromodichloromethane	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Methyl Isobutyl Ketone	ND	27	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
cis-1,3-Dichloropropene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Toluene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
trans-1,3-Dichloropropene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
2-Hexanone	ND	27	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
1,1,2-Trichloroethane	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Tetrachloroethene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
1,3-Dichloropropane	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Dibromochloromethane	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
1,2-Dibromoethane	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
trans-1,4-Dichloro-2-Butene	ND	27	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Chlorobenzene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
1,1,1,2-Tetrachloroethane	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Ethylbenzene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
m+p Xylenes	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
o-Xylene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Styrene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Bromoform	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Isopropylbenzene	**27**	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
1,1,2,2-Tetrachloroethane	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Bromobenzene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
1,2,3-Trichloropropane	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
n-Propylbenzene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
2-Chlorotoluene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
4-Chlorotoluene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
1,3,5-Trimethylbenzene	**11**	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
tert-Butylbenzene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
1,2,4-Trimethylbenzene	**100**	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
sec-Butylbenzene	**33**	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
1,3-Dichlorobenzene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
4-Isopropyltoluene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
1,4-Dichlorobenzene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
1,2-Dichlorobenzene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
n-Butylbenzene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
1,2-Dibromo-3-Chloropropane	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	

Client Sample ID B2 S1
Lab ID: 4020089-01

Volatile Organics **Analyst: JS**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Hexachlorobutadiene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Naphthalene	**50**	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
1,2,3-Trichlorobenzene	ND	5.5	1.92	EPA 5035A	B4B1103	02/10/2014	02/10/2014 16:09	
Surrogate: 1,2-Dichloroethane-d4	*104 %*		*70 - 130*		B4B1103	02/10/2014	*02/10/2014 16:09*	
Surrogate: Toluene-d8	*101 %*		*70 - 130*		B4B1103	02/10/2014	*02/10/2014 16:09*	
Surrogate: 4-Bromofluorobenzene	*99.5 %*		*70 - 130*		B4B1103	02/10/2014	*02/10/2014 16:09*	

Client Sample ID B3 S2
Lab ID: 4020089-02

Total Metals **Analyst: SS**

Method: EPA 6010C **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**13**	2.2	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:32	
Selenium	ND	1.1	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:32	
Cadmium	ND	0.55	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:32	
Chromium	**19**	2.2	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:32	
Arsenic	**3.4**	1.1	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:32	
Barium	**69**	2.2	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:32	
Silver	ND	2.2	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:32	

Conn. Extractable TPH **Analyst: HE**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**160**	55	1	EPA 3550C	B4B1104	02/11/2014	02/11/2014 18:42	1, R
Surrogate: Octacosane	*78.1 %*	*50 - 150*			B4B1104	02/11/2014	*02/11/2014 18:42*	

1 C18-C36 may be PNA Related
R Unknown C14-C36 Range

PCBs by ASE **Analyst: CA**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.22	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 17:42	
PCB-1221	ND	0.22	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 17:42	
PCB-1232	ND	0.22	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 17:42	
PCB-1242	ND	0.22	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 17:42	
PCB-1248	ND	0.22	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 17:42	
PCB-1254	ND	0.22	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 17:42	
PCB-1260	ND	0.22	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 17:42	
PCB-1268	ND	0.22	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 17:42	
Surrogate: TCMX	*89.6 %*	*50 - 150*			B4B1111	02/11/2014	*02/11/2014 17:42*	
Surrogate: DCB	*104 %*	*50 - 150*			B4B1111	02/11/2014	*02/11/2014 17:42*	

Client Sample ID B3 S2
Lab ID: 4020089-02

Semivolatile Organics
Method: EPA 8270D

Analyst: ALB
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
1,3-Dichlorobenzene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
n-Nitroso-di-n-propylamine	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Pyridine	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
n-Nitroso-dimethylamine	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
bis(2-Chloroethyl)ether	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Aniline	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
2-Chlorophenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
1,4-Dichlorobenzene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Benzyl Alcohol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
1,2-Dichlorobenzene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
bis(2-Chloroisopropyl)ether	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Hexachloroethane	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
2-Methyl Phenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
3+4 Methyl Phenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Naphthalene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
2-Nitrophenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
2,4-Dichlorophenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Hexachlorobutadiene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
4-Chloro-3-methylphenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Nitrobenzene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Isophorone	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
2,4-Dimethylphenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
bis(2-Chloroethoxy)methane	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Benzoic Acid	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
1,2,4-Trichlorobenzene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
2,6-Dichlorophenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
4-Chloroaniline	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
1,2,4,5-Tetrachlorobenzene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
2-Methyl Naphthalene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Acenaphthylene	**430**	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Acenaphthene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Dibenzofuran	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Fluorene	**370**	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Hexachlorocyclopentadiene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
2,4,6-Trichlorophenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
2,4,5-Trichlorophenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	

Client Sample ID B3 S2
Lab ID: 4020089-02

Semivolatile Organics
Method: EPA 8270D

Analyst: ALB
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,4-Dinitrophenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
4-Nitrophenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
2-Chloronaphthalene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
2-Nitroaniline	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Dimethylphthalate	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
2,6-Dinitrotoluene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
4-Nitroaniline	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
2,4-Dinitrotoluene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
2,3,4,6-Tetrachlorophenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
4-Chlorophenyl-phenylether	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Diethylphthalate	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Phenanthrene	**3800**	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Anthracene	**890**	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Carbazole	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Fluoranthene	**5500**	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Pyrene	**5800**	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
n-Nitrosodiphenylamine	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Pentachlorophenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
3-Nitroaniline	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
4,6-Dinitro-2-methylphenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
1,2-Diphenylhydrazine	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
4-Bromophenyl-phenylether	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Hexachlorobenzene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Di-n-butylphthalate	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Pentachloronitrobenzene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Benzo[a]anthracene	**2800**	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Chrysene	**2900**	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Butylbenzylphthalate	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
3,3-Dichlorobenzidine	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
bis(2-Ethylhexyl)phthalate	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Di-n-octylphthalate	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Benzo[b]fluoranthene	**2600**	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Benzo[k]fluoranthene	**1200**	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Benzo[a]pyrene	**2800**	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Indeno[1,2,3-cd]pyrene	**1800**	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Dibenz[a,h]anthracene	**550**	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Benzo[g,h,i]perylene	**2400**	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 04:11	
Surrogate: 2-Fluorophenol	*62.6 %*	*30 - 130*			B4B1105	02/11/2014	*02/12/2014 04:11*	

Client Sample ID B3 S2
Lab ID: 4020089-02

Semivolatile Organics **Analyst: ALB**

Method: EPA 8270D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: Phenol-d6	*69.9 %*		*30 - 130*		B4B1105	02/11/2014	*02/12/2014 04:11*	
Surrogate: Nitrobenzene-d5	*72.6 %*		*30 - 130*		B4B1105	02/11/2014	*02/12/2014 04:11*	
Surrogate: 2-Fluorobiphenyl	*71.0 %*		*30 - 130*		B4B1105	02/11/2014	*02/12/2014 04:11*	
Surrogate: 2,4,6-Tribromophenol	*54.0 %*		*30 - 130*		B4B1105	02/11/2014	*02/12/2014 04:11*	
Surrogate: Terphenyl-d14	*78.0 %*		*30 - 130*		B4B1105	02/11/2014	*02/12/2014 04:11*	

Volatile Organics **Analyst: JS**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	13	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Chloromethane	ND	8.6	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Vinyl Chloride	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Bromomethane	ND	8.6	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Chloroethane	ND	8.6	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Trichlorofluoromethane	ND	35	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Acetone	ND	130	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Acrylonitrile	ND	6.9	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Trichlorotrifluoroethane	ND	35	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
1,1-Dichloroethene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Methylene Chloride	ND	43	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Carbon Disulfide	ND	8.6	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Methyl-t-Butyl Ether (MTBE)	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
trans-1,2-Dichloroethene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
1,1-Dichloroethane	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
2-Butanone (MEK)	ND	22	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
2,2-Dichloropropane	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
cis-1,2-Dichloroethene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Chloroform	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Tetrahydrofuran	ND	22	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
1,1,1-Trichloroethane	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Carbon Tetrachloride	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
1,1-Dichloropropene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Benzene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
1,2-Dichloroethane	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	

Client Sample ID B3 S2
Lab ID: 4020089-02

Volatile Organics **Analyst: JS**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
1,2-Dichloropropane	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Dibromomethane	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Bromodichloromethane	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Methyl Isobutyl Ketone	ND	22	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
cis-1,3-Dichloropropene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Toluene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
trans-1,3-Dichloropropene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
2-Hexanone	ND	22	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
1,1,2-Trichloroethane	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Tetrachloroethene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
1,3-Dichloropropane	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Dibromochloromethane	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
1,2-Dibromoethane	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
trans-1,4-Dichloro-2-Butene	ND	22	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Chlorobenzene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
1,1,1,2-Tetrachloroethane	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Ethylbenzene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
m+p Xylenes	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
o-Xylene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Styrene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Bromoform	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Isopropylbenzene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
1,1,2,2-Tetrachloroethane	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Bromobenzene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
1,2,3-Trichloropropane	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
n-Propylbenzene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
2-Chlorotoluene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
4-Chlorotoluene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
1,3,5-Trimethylbenzene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
tert-Butylbenzene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
1,2,4-Trimethylbenzene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
sec-Butylbenzene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
1,3-Dichlorobenzene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
4-Isopropyltoluene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
1,4-Dichlorobenzene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
1,2-Dichlorobenzene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
n-Butylbenzene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
1,2-Dibromo-3-Chloropropane	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	

Client Sample ID B3 S2
Lab ID: 4020089-02

Volatile Organics
Method: EPA 8260C

Analyst: JS
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Hexachlorobutadiene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Naphthalene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
1,2,3-Trichlorobenzene	ND	4.3	1.58	EPA 5035A	B4B1123	02/11/2014	02/11/2014 13:22	
Surrogate: 1,2-Dichloroethane-d4	*113 %*		*70 - 130*		B4B1123	02/11/2014	*02/11/2014 13:22*	
Surrogate: Toluene-d8	*89.1 %*		*70 - 130*		B4B1123	02/11/2014	*02/11/2014 13:22*	
Surrogate: 4-Bromofluorobenzene	*176 %*		*70 - 130*		B4B1123	02/11/2014	*02/11/2014 13:22*	H

Client Sample ID B3 S2
Lab ID: 4020089-02RE1

Volatile Organics **Analyst: JS**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	2100	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Chloromethane	ND	1400	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Vinyl Chloride	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Bromomethane	ND	1400	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Chloroethane	ND	1400	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Trichlorofluoromethane	ND	5500	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Acetone	ND	21000	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Acrylonitrile	ND	1100	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Trichlorotrifluoroethane	ND	5500	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
1,1-Dichloroethene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Methylene Chloride	ND	6900	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Carbon Disulfide	ND	1400	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Methyl-t-Butyl Ether (MTBE)	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
trans-1,2-Dichloroethene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
1,1-Dichloroethane	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
2-Butanone (MEK)	ND	3400	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
2,2-Dichloropropane	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
cis-1,2-Dichloroethene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Chloroform	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Tetrahydrofuran	ND	3400	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
1,1,1-Trichloroethane	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Carbon Tetrachloride	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
1,1-Dichloropropene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Benzene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
1,2-Dichloroethane	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Trichloroethene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
1,2-Dichloropropane	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Dibromomethane	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Bromodichloromethane	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Methyl Isobutyl Ketone	ND	3400	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
cis-1,3-Dichloropropene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Toluene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
trans-1,3-Dichloropropene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
2-Hexanone	ND	3400	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
1,1,2-Trichloroethane	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Tetrachloroethene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
1,3-Dichloropropane	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Dibromochloromethane	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
1,2-Dibromoethane	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	

Client Sample ID B3 S2
Lab ID: 4020089-02RE1

Volatile Organics **Analyst: JS**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	3400	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Chlorobenzene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
1,1,1,2-Tetrachloroethane	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Ethylbenzene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
m+p Xylenes	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
o-Xylene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Styrene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Bromoform	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Isopropylbenzene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
1,1,2,2-Tetrachloroethane	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Bromobenzene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
1,2,3-Trichloropropane	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
n-Propylbenzene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
2-Chlorotoluene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
4-Chlorotoluene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
1,3,5-Trimethylbenzene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
tert-Butylbenzene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
1,2,4-Trimethylbenzene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
sec-Butylbenzene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
1,3-Dichlorobenzene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
4-Isopropyltoluene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
1,4-Dichlorobenzene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
1,2-Dichlorobenzene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
n-Butylbenzene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
1,2-Dibromo-3-Chloropropane	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
1,2,4-Trichlorobenzene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Hexachlorobutadiene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
Naphthalene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	
1,2,3-Trichlorobenzene	ND	690	251.26	EPA 5035A	B4B1123	02/11/2014	02/11/2014 17:39	

Surrogate: 1,2-Dichloroethane-d4	*120 %*	*70 - 130*	B4B1123	02/11/2014	*02/11/2014 17:39*
Surrogate: Toluene-d8	*105 %*	*70 - 130*	B4B1123	02/11/2014	*02/11/2014 17:39*
Surrogate: 4-Bromofluorobenzene	*102 %*	*70 - 130*	B4B1123	02/11/2014	*02/11/2014 17:39*

Client Sample ID B3 S1
Lab ID: 4020089-03

Total Metals **Analyst: SS**

Method: EPA 6010C **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**4.5**	2.2	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:37	
Selenium	**1.6**	1.1	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:37	
Cadmium	**0.65**	0.55	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:37	
Chromium	**13**	2.2	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:37	
Arsenic	**2.7**	1.1	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:37	
Barium	**39**	2.2	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:37	
Silver	ND	2.2	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:37	

Conn. Extractable TPH **Analyst: HE**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	55	1	EPA 3550C	B4B1104	02/11/2014	02/11/2014 19:05	
Surrogate: Octacosane	*79.1 %*	*50 - 150*			B4B1104	02/11/2014	*02/11/2014 19:05*	

PCBs by ASE **Analyst: CA**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.22	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 18:01	
PCB-1221	ND	0.22	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 18:01	
PCB-1232	ND	0.22	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 18:01	
PCB-1242	ND	0.22	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 18:01	
PCB-1248	ND	0.22	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 18:01	
PCB-1254	ND	0.22	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 18:01	
PCB-1260	ND	0.22	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 18:01	
PCB-1268	ND	0.22	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 18:01	
Surrogate: TCMX	*88.2 %*	*50 - 150*			B4B1111	02/11/2014	*02/11/2014 18:01*	
Surrogate: DCB	*121 %*	*50 - 150*			B4B1111	02/11/2014	*02/11/2014 18:01*	

Client Sample ID B3 S1
Lab ID: 4020089-03

Semivolatile Organics
Method: EPA 8270D

Analyst: ALB
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
1,3-Dichlorobenzene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
n-Nitroso-di-n-propylamine	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Pyridine	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
n-Nitroso-dimethylamine	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
bis(2-Chloroethyl)ether	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Aniline	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
2-Chlorophenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
1,4-Dichlorobenzene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Benzyl Alcohol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
1,2-Dichlorobenzene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
bis(2-Chloroisopropyl)ether	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Hexachloroethane	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
2-Methyl Phenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
3+4 Methyl Phenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Naphthalene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
2-Nitrophenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
2,4-Dichlorophenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Hexachlorobutadiene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
4-Chloro-3-methylphenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Nitrobenzene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Isophorone	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
2,4-Dimethylphenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
bis(2-Chloroethoxy)methane	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Benzoic Acid	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
1,2,4-Trichlorobenzene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
2,6-Dichlorophenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
4-Chloroaniline	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
1,2,4,5-Tetrachlorobenzene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
2-Methyl Naphthalene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Acenaphthylene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Acenaphthene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Dibenzofuran	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Fluorene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Hexachlorocyclopentadiene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
2,4,6-Trichlorophenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
2,4,5-Trichlorophenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	

Client Sample ID B3 S1
Lab ID: 4020089-03

Semivolatile Organics
Method: EPA 8270D

Analyst: ALB
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,4-Dinitrophenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
4-Nitrophenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
2-Chloronaphthalene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
2-Nitroaniline	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Dimethylphthalate	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
2,6-Dinitrotoluene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
4-Nitroaniline	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
2,4-Dinitrotoluene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
2,3,4,6-Tetrachlorophenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
4-Chlorophenyl-phenylether	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Diethylphthalate	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Phenanthrene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Anthracene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Carbazole	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Fluoranthene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Pyrene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
n-Nitrosodiphenylamine	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Pentachlorophenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
3-Nitroaniline	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
4,6-Dinitro-2-methylphenol	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
1,2-Diphenylhydrazine	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
4-Bromophenyl-phenylether	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Hexachlorobenzene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Di-n-butylphthalate	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Pentachloronitrobenzene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Benzo[a]anthracene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Chrysene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Butylbenzylphthalate	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
3,3-Dichlorobenzidine	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
bis(2-Ethylhexyl)phthalate	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Di-n-octylphthalate	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Benzo[b]fluoranthene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Benzo[k]fluoranthene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Benzo[a]pyrene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Indeno[1,2,3-cd]pyrene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Dibenz[a,h]anthracene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Benzo[g,h,i]perylene	ND	330	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 05:08	
Surrogate: 2-Fluorophenol	*68.9 %*	*30 - 130*			B4B1105	02/11/2014	*02/12/2014 05:08*	

Client Sample ID B3 S1
Lab ID: 4020089-03

Semivolatile Organics **Analyst: ALB**

Method: EPA 8270D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: Phenol-d6	*69.2 %*		*30 - 130*		B4B1105	02/11/2014	*02/12/2014 05:08*	
Surrogate: Nitrobenzene-d5	*69.7 %*		*30 - 130*		B4B1105	02/11/2014	*02/12/2014 05:08*	
Surrogate: 2-Fluorobiphenyl	*71.9 %*		*30 - 130*		B4B1105	02/11/2014	*02/12/2014 05:08*	
Surrogate: 2,4,6-Tribromophenol	*46.1 %*		*30 - 130*		B4B1105	02/11/2014	*02/12/2014 05:08*	
Surrogate: Terphenyl-d14	*71.4 %*		*30 - 130*		B4B1105	02/11/2014	*02/12/2014 05:08*	

Volatile Organics **Analyst: JS**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	13	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Chloromethane	ND	8.7	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Vinyl Chloride	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Bromomethane	ND	8.7	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Chloroethane	ND	8.7	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Trichlorofluoromethane	ND	35	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Acetone	ND	130	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Acrylonitrile	ND	7.0	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Trichlorotrifluoroethane	ND	35	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
1,1-Dichloroethene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Methylene Chloride	ND	43	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Carbon Disulfide	ND	8.7	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Methyl-t-Butyl Ether (MTBE)	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
trans-1,2-Dichloroethene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
1,1-Dichloroethane	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
2-Butanone (MEK)	ND	22	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
2,2-Dichloropropane	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
cis-1,2-Dichloroethene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Chloroform	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Tetrahydrofuran	ND	22	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
1,1,1-Trichloroethane	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Carbon Tetrachloride	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
1,1-Dichloropropene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Benzene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
1,2-Dichloroethane	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	

Client Sample ID B3 S1
Lab ID: 4020089-03

Volatile Organics **Analyst: JS**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
1,2-Dichloropropane	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Dibromomethane	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Bromodichloromethane	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Methyl Isobutyl Ketone	ND	22	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
cis-1,3-Dichloropropene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Toluene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
trans-1,3-Dichloropropene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
2-Hexanone	ND	22	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
1,1,2-Trichloroethane	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Tetrachloroethene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
1,3-Dichloropropane	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Dibromochloromethane	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
1,2-Dibromoethane	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
trans-1,4-Dichloro-2-Butene	ND	22	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Chlorobenzene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
1,1,1,2-Tetrachloroethane	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Ethylbenzene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
m+p Xylenes	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
o-Xylene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Styrene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Bromoform	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Isopropylbenzene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
1,1,2,2-Tetrachloroethane	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Bromobenzene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
1,2,3-Trichloropropane	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
n-Propylbenzene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
2-Chlorotoluene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
4-Chlorotoluene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
1,3,5-Trimethylbenzene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
tert-Butylbenzene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
1,2,4-Trimethylbenzene	**18**	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
sec-Butylbenzene	**14**	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
1,3-Dichlorobenzene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
4-Isopropyltoluene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
1,4-Dichlorobenzene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
1,2-Dichlorobenzene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
n-Butylbenzene	**8.5**	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
1,2-Dibromo-3-Chloropropane	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	

Client Sample ID B3 S1
Lab ID: 4020089-03

Volatile Organics **Analyst: JS**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Hexachlorobutadiene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Naphthalene	**71**	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
1,2,3-Trichlorobenzene	ND	4.3	1.57	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:22	
Surrogate: 1,2-Dichloroethane-d4	*105 %*		*70 - 130*		B4B1103	02/10/2014	*02/10/2014 17:22*	
Surrogate: Toluene-d8	*101 %*		*70 - 130*		B4B1103	02/10/2014	*02/10/2014 17:22*	
Surrogate: 4-Bromofluorobenzene	*105 %*		*70 - 130*		B4B1103	02/10/2014	*02/10/2014 17:22*	

Client Sample ID B10 S1
Lab ID: 4020089-04

Total Metals **Analyst: SS**

Method: EPA 6010C **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**27**	2.4	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:41	
Selenium	ND	1.2	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:41	
Cadmium	ND	0.61	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:41	
Chromium	**20**	2.4	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:41	
Arsenic	**3.7**	1.2	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:41	
Barium	**59**	2.4	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:41	
Silver	ND	2.4	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:41	

Conn. Extractable TPH **Analyst: HE**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	61	1	EPA 3550C	B4B1104	02/11/2014	02/11/2014 19:28	
Surrogate: Octacosane	*78.6 %*	*50 - 150*			B4B1104	02/11/2014	*02/11/2014 19:28*	

PCBs by ASE **Analyst: CA**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.24	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 18:19	
PCB-1221	ND	0.24	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 18:19	
PCB-1232	ND	0.24	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 18:19	
PCB-1242	ND	0.24	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 18:19	
PCB-1248	ND	0.24	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 18:19	
PCB-1254	ND	0.24	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 18:19	
PCB-1260	ND	0.24	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 18:19	
PCB-1268	ND	0.24	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 18:19	
Surrogate: TCMX	*82.7 %*	*50 - 150*			B4B1111	02/11/2014	*02/11/2014 18:19*	
Surrogate: DCB	*77.0 %*	*50 - 150*			B4B1111	02/11/2014	*02/11/2014 18:19*	

Client Sample ID B10 S1
Lab ID: 4020089-04

Semivolatile Organics
Method: EPA 8270D

Analyst: ALB
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
1,3-Dichlorobenzene	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
n-Nitroso-di-n-propylamine	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Pyridine	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
n-Nitroso-dimethylamine	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
bis(2-Chloroethyl)ether	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Aniline	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
2-Chlorophenol	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
1,4-Dichlorobenzene	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Benzyl Alcohol	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
1,2-Dichlorobenzene	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
bis(2-Chloroisopropyl)ether	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Hexachloroethane	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
2-Methyl Phenol	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
3+4 Methyl Phenol	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Naphthalene	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
2-Nitrophenol	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
2,4-Dichlorophenol	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Hexachlorobutadiene	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
4-Chloro-3-methylphenol	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Nitrobenzene	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Isophorone	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
2,4-Dimethylphenol	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
bis(2-Chloroethoxy)methane	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Benzoic Acid	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
1,2,4-Trichlorobenzene	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
2,6-Dichlorophenol	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
4-Chloroaniline	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
1,2,4,5-Tetrachlorobenzene	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
2-Methyl Naphthalene	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Acenaphthylene	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Acenaphthene	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Dibenzofuran	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Fluorene	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Hexachlorocyclopentadiene	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
2,4,6-Trichlorophenol	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
2,4,5-Trichlorophenol	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	

Client Sample ID B10 S1
Lab ID: 4020089-04

Semivolatile Organics
Method: EPA 8270D

Analyst: ALB
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,4-Dinitrophenol	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
4-Nitrophenol	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
2-Chloronaphthalene	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
2-Nitroaniline	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Dimethylphthalate	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
2,6-Dinitrotoluene	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
4-Nitroaniline	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
2,4-Dinitrotoluene	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
2,3,4,6-Tetrachlorophenol	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
4-Chlorophenyl-phenylether	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Diethylphthalate	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Phenanthrene	**730**	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Anthracene	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Carbazole	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Fluoranthene	**1400**	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Pyrene	**1300**	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
n-Nitrosodiphenylamine	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Pentachlorophenol	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
3-Nitroaniline	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
4,6-Dinitro-2-methylphenol	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
1,2-Diphenylhydrazine	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
4-Bromophenyl-phenylether	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Hexachlorobenzene	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Di-n-butylphthalate	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Pentachloronitrobenzene	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Benzo[a]anthracene	**900**	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Chrysene	**930**	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Butylbenzylphthalate	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
3,3-Dichlorobenzidine	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
bis(2-Ethylhexyl)phthalate	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Di-n-octylphthalate	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Benzo[b]fluoranthene	**1100**	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Benzo[k]fluoranthene	**510**	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Benzo[a]pyrene	**1100**	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Indeno[1,2,3-cd]pyrene	**1100**	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Dibenz[a,h]anthracene	ND	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Benzo[g,h,i]perylene	**1400**	360	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 06:04	
Surrogate: 2-Fluorophenol	*63.2 %*	*30 - 130*			B4B1105	02/11/2014	*02/12/2014 06:04*	

Client Sample ID B10 S1
Lab ID: 4020089-04

Semivolatile Organics **Analyst: ALB**

Method: EPA 8270D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: Phenol-d6	*67.9 %*	*30 - 130*			B4B1105	02/11/2014	*02/12/2014 06:04*	
Surrogate: Nitrobenzene-d5	*65.7 %*	*30 - 130*			B4B1105	02/11/2014	*02/12/2014 06:04*	
Surrogate: 2-Fluorobiphenyl	*68.4 %*	*30 - 130*			B4B1105	02/11/2014	*02/12/2014 06:04*	
Surrogate: 2,4,6-Tribromophenol	*62.9 %*	*30 - 130*			B4B1105	02/11/2014	*02/12/2014 06:04*	
Surrogate: Terphenyl-d14	*74.1 %*	*30 - 130*			B4B1105	02/11/2014	*02/12/2014 06:04*	

Volatile Organics **Analyst: JS**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	15	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Chloromethane	ND	9.8	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Vinyl Chloride	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Bromomethane	ND	9.8	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Chloroethane	ND	9.8	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Trichlorofluoromethane	ND	39	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Acetone	ND	150	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Acrylonitrile	ND	7.8	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Trichlorotrifluoroethane	ND	39	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
1,1-Dichloroethene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Methylene Chloride	ND	49	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Carbon Disulfide	ND	9.8	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Methyl-t-Butyl Ether (MTBE)	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
trans-1,2-Dichloroethene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
1,1-Dichloroethane	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
2-Butanone (MEK)	ND	24	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
2,2-Dichloropropane	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
cis-1,2-Dichloroethene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Chloroform	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Tetrahydrofuran	ND	24	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
1,1,1-Trichloroethane	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Carbon Tetrachloride	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
1,1-Dichloropropene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Benzene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
1,2-Dichloroethane	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	

Client Sample ID B10 S1
Lab ID: 4020089-04

Volatile Organics **Analyst: JS**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
1,2-Dichloropropane	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Dibromomethane	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Bromodichloromethane	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Methyl Isobutyl Ketone	ND	24	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
cis-1,3-Dichloropropene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Toluene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
trans-1,3-Dichloropropene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
2-Hexanone	ND	24	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
1,1,2-Trichloroethane	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Tetrachloroethene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
1,3-Dichloropropane	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Dibromochloromethane	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
1,2-Dibromoethane	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
trans-1,4-Dichloro-2-Butene	ND	24	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Chlorobenzene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
1,1,1,2-Tetrachloroethane	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Ethylbenzene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
m+p Xylenes	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
o-Xylene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Styrene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Bromoform	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Isopropylbenzene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
1,1,2,2-Tetrachloroethane	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Bromobenzene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
1,2,3-Trichloropropane	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
n-Propylbenzene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
2-Chlorotoluene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
4-Chlorotoluene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
1,3,5-Trimethylbenzene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
tert-Butylbenzene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
1,2,4-Trimethylbenzene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
sec-Butylbenzene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
1,3-Dichlorobenzene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
4-Isopropyltoluene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
1,4-Dichlorobenzene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
1,2-Dichlorobenzene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
n-Butylbenzene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
1,2-Dibromo-3-Chloropropane	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	

Client Sample ID B10 S1
Lab ID: 4020089-04

Volatile Organics **Analyst: JS**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Hexachlorobutadiene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Naphthalene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
1,2,3-Trichlorobenzene	ND	4.9	1.61	EPA 5035A	B4B1103	02/10/2014	02/10/2014 17:59	
Surrogate: 1,2-Dichloroethane-d4	*99.3 %*		*70 - 130*		B4B1103	02/10/2014	*02/10/2014 17:59*	
Surrogate: Toluene-d8	*99.8 %*		*70 - 130*		B4B1103	02/10/2014	*02/10/2014 17:59*	
Surrogate: 4-Bromofluorobenzene	*114 %*		*70 - 130*		B4B1103	02/10/2014	*02/10/2014 17:59*	

Client Sample ID B2 S2
Lab ID: 4020089-05

Total Metals **Analyst: SS**
Method: EPA 6010C **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**4.0**	2.2	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:46	
Selenium	ND	1.1	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:46	
Cadmium	ND	0.54	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:46	
Chromium	**22**	2.2	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:46	
Arsenic	**1.9**	1.1	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:46	
Barium	**66**	2.2	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:46	
Silver	ND	2.2	1	EPA 3050B	B4B1102	02/11/2014	02/11/2014 15:46	

Conn. Extractable TPH **Analyst: HE**
Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	54	1	EPA 3550C	B4B1104	02/11/2014	02/11/2014 19:51	
Surrogate: Octacosane	*82.7 %*	*50 - 150*			B4B1104	02/11/2014	*02/11/2014 19:51*	

PCBs by ASE **Analyst: CA**
Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.22	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 18:38	
PCB-1221	ND	0.22	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 18:38	
PCB-1232	ND	0.22	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 18:38	
PCB-1242	ND	0.22	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 18:38	
PCB-1248	ND	0.22	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 18:38	
PCB-1254	ND	0.22	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 18:38	
PCB-1260	ND	0.22	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 18:38	
PCB-1268	ND	0.22	1	EPA 3545A	B4B1111	02/11/2014	02/11/2014 18:38	
Surrogate: TCMX	*84.8 %*	*50 - 150*			B4B1111	02/11/2014	*02/11/2014 18:38*	
Surrogate: DCB	*81.5 %*	*50 - 150*			B4B1111	02/11/2014	*02/11/2014 18:38*	

Client Sample ID B2 S2
Lab ID: 4020089-05

Semivolatile Organics **Analyst: ALB**

Method: EPA 8270D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
1,3-Dichlorobenzene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
n-Nitroso-di-n-propylamine	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Pyridine	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
n-Nitroso-dimethylamine	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
bis(2-Chloroethyl)ether	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Aniline	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
2-Chlorophenol	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
1,4-Dichlorobenzene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Benzyl Alcohol	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
1,2-Dichlorobenzene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
bis(2-Chloroisopropyl)ether	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Hexachloroethane	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
2-Methyl Phenol	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
3+4 Methyl Phenol	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Naphthalene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
2-Nitrophenol	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
2,4-Dichlorophenol	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Hexachlorobutadiene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
4-Chloro-3-methylphenol	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Nitrobenzene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Isophorone	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
2,4-Dimethylphenol	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
bis(2-Chloroethoxy)methane	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Benzoic Acid	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
1,2,4-Trichlorobenzene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
2,6-Dichlorophenol	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
4-Chloroaniline	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
1,2,4,5-Tetrachlorobenzene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
2-Methyl Naphthalene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Acenaphthylene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Acenaphthene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Dibenzofuran	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Fluorene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Hexachlorocyclopentadiene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
2,4,6-Trichlorophenol	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
2,4,5-Trichlorophenol	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	

Client Sample ID B2 S2
Lab ID: 4020089-05

Semivolatile Organics
Method: EPA 8270D

Analyst: ALB
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,4-Dinitrophenol	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
4-Nitrophenol	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
2-Chloronaphthalene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
2-Nitroaniline	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Dimethylphthalate	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
2,6-Dinitrotoluene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
4-Nitroaniline	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
2,4-Dinitrotoluene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
2,3,4,6-Tetrachlorophenol	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
4-Chlorophenyl-phenylether	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Diethylphthalate	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Phenanthrene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Anthracene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Carbazole	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Fluoranthene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Pyrene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
n-Nitrosodiphenylamine	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Pentachlorophenol	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
3-Nitroaniline	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
4,6-Dinitro-2-methylphenol	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
1,2-Diphenylhydrazine	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
4-Bromophenyl-phenylether	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Hexachlorobenzene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Di-n-butylphthalate	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Pentachloronitrobenzene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Benzo[a]anthracene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Chrysene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Butylbenzylphthalate	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
3,3-Dichlorobenzidine	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
bis(2-Ethylhexyl)phthalate	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Di-n-octylphthalate	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Benzo[b]fluoranthene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Benzo[k]fluoranthene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Benzo[a]pyrene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Indeno[1,2,3-cd]pyrene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Dibenz[a,h]anthracene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Benzo[g,h,i]perylene	ND	320	1	EPA 3545A	B4B1105	02/11/2014	02/12/2014 07:01	
Surrogate: 2-Fluorophenol	*66.0 %*	*30 - 130*			B4B1105	02/11/2014	*02/12/2014 07:01*	

Client Sample ID B2 S2
Lab ID: 4020089-05

Semivolatile Organics **Analyst: ALB**

Method: EPA 8270D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: Phenol-d6	*67.5 %*		*30 - 130*		B4B1105	02/11/2014	*02/12/2014 07:01*	
Surrogate: Nitrobenzene-d5	*63.2 %*		*30 - 130*		B4B1105	02/11/2014	*02/12/2014 07:01*	
Surrogate: 2-Fluorobiphenyl	*68.9 %*		*30 - 130*		B4B1105	02/11/2014	*02/12/2014 07:01*	
Surrogate: 2,4,6-Tribromophenol	*44.3 %*		*30 - 130*		B4B1105	02/11/2014	*02/12/2014 07:01*	
Surrogate: Terphenyl-d14	*74.8 %*		*30 - 130*		B4B1105	02/11/2014	*02/12/2014 07:01*	

Volatile Organics **Analyst: JS**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	16	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Chloromethane	ND	11	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Vinyl Chloride	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Bromomethane	ND	11	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Chloroethane	ND	11	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Trichlorofluoromethane	ND	44	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Acetone	ND	160	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Acrylonitrile	ND	8.7	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Trichlorotrifluoroethane	ND	44	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
1,1-Dichloroethene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Methylene Chloride	ND	55	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Carbon Disulfide	ND	11	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Methyl-t-Butyl Ether (MTBE)	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
trans-1,2-Dichloroethene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
1,1-Dichloroethane	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
2-Butanone (MEK)	ND	27	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
2,2-Dichloropropane	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
cis-1,2-Dichloroethene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Chloroform	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Tetrahydrofuran	ND	27	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
1,1,1-Trichloroethane	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Carbon Tetrachloride	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
1,1-Dichloropropene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Benzene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
1,2-Dichloroethane	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	

Client Sample ID B2 S2
Lab ID: 4020089-05

Volatile Organics **Analyst: JS**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
1,2-Dichloropropane	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Dibromomethane	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Bromodichloromethane	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Methyl Isobutyl Ketone	ND	27	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
cis-1,3-Dichloropropene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Toluene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
trans-1,3-Dichloropropene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
2-Hexanone	ND	27	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
1,1,2-Trichloroethane	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Tetrachloroethene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
1,3-Dichloropropane	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Dibromochloromethane	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
1,2-Dibromoethane	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
trans-1,4-Dichloro-2-Butene	ND	27	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Chlorobenzene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
1,1,1,2-Tetrachloroethane	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Ethylbenzene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
m+p Xylenes	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
o-Xylene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Styrene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Bromoform	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Isopropylbenzene	**12**	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
1,1,2,2-Tetrachloroethane	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Bromobenzene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
1,2,3-Trichloropropane	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
n-Propylbenzene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
2-Chlorotoluene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
4-Chlorotoluene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
1,3,5-Trimethylbenzene	**6.3**	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
tert-Butylbenzene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
1,2,4-Trimethylbenzene	**54**	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
sec-Butylbenzene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
1,3-Dichlorobenzene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
4-Isopropyltoluene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
1,4-Dichlorobenzene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
1,2-Dichlorobenzene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
n-Butylbenzene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
1,2-Dibromo-3-Chloropropane	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	

Client Sample ID B2 S2
Lab ID: 4020089-05

Volatile Organics
Method: EPA 8260C

Analyst: JS
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Hexachlorobutadiene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Naphthalene	**78**	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
1,2,3-Trichlorobenzene	ND	5.5	2.02	EPA 5035A	B4B1103	02/10/2014	02/10/2014 18:35	
Surrogate: 1,2-Dichloroethane-d4	*105 %*		*70 - 130*		B4B1103	02/10/2014	*02/10/2014 18:35*	
Surrogate: Toluene-d8	*102 %*		*70 - 130*		B4B1103	02/10/2014	*02/10/2014 18:35*	
Surrogate: 4-Bromofluorobenzene	*102 %*		*70 - 130*		B4B1103	02/10/2014	*02/10/2014 18:35*	

CET #:4020089
Project: UConn New Science & Engineering Bldg
Project Number: 36190-000

QUALITY CONTROL SECTION

Batch B4B1102 - EPA 6010C

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1102-BLK1)					Prepared: 2/11/2014 Analyzed: 2/11/2014				
Lead	ND	2.0							
Selenium	ND	1.0							
Cadmium	ND	0.50							
Chromium	ND	2.0							
Arsenic	ND	1.0							
Barium	ND	2.0							
Silver	ND	2.0							
LCS (B4B1102-BS1)					Prepared: 2/11/2014 Analyzed: 2/11/2014				
Lead	24.8	2.0	25.000		99.3	80 - 120			
Selenium	51.1	1.0	50.000		102	80 - 120			
Cadmium	25.7	0.50	25.000		103	80 - 120			
Chromium	25.0	2.0	25.000		100	80 - 120			
Arsenic	26.1	1.0	25.000		104	80 - 120			
Barium	25.4	2.0	25.000		102	80 - 120			
Silver	4.99	2.0	5.000		99.8	80 - 120			
Duplicate (B4B1102-DUP1)		**Source: 4020089-05**			Prepared: 2/11/2014 Analyzed: 2/11/2014				
Lead	4.41	2.2		3.97			10.6	35	
Selenium	ND	1.1		ND				35	
Cadmium	ND	0.54		ND				35	
Chromium	22.2	2.2		21.9			1.32	35	
Arsenic	2.39	1.1		1.94			20.8	35	
Barium	67.1	2.2		65.8			1.89	35	
Silver	ND	2.2		ND				35	
Matrix Spike (B4B1102-MS1)		**Source: 4020089-05**			Prepared: 2/11/2014 Analyzed: 2/11/2014				
Lead	32.3	2.2	26.995	3.97	105	75 - 125			
Selenium	57.8	1.1	53.989	ND	107	75 - 125			
Cadmium	27.5	0.54	26.995	ND	102	75 - 125			
Chromium	54.0	2.2	26.995	21.9	119	75 - 125			
Arsenic	29.8	1.1	26.995	1.94	103	75 - 125			
Barium	#	2.2	26.995	65.8	**158**	75 - 125			**H**
Silver	5.71	2.2	5.399	ND	106	75 - 125			
Matrix Spike Dup (B4B1102-MSD1)		**Source: 4020089-05**			Prepared: 2/11/2014 Analyzed: 2/11/2014				
Lead	30.2	2.2	26.995	3.97	97.2	75 - 125	6.63	35	
Selenium	57.1	1.1	53.989	ND	106	75 - 125	1.15	35	
Cadmium	27.2	0.54	26.995	ND	101	75 - 125	0.948	35	
Chromium	42.9	2.2	26.995	21.9	77.7	75 - 125	22.9	35	
Arsenic	29.3	1.1	26.995	1.94	101	75 - 125	1.97	35	
Barium	#	2.2	26.995	65.8	**47.0**	75 - 125	32.1	35	**L**
Silver	5.32	2.2	5.399	ND	98.5	75 - 125	7.18	35	

Batch B4B1103 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1103-BLK1)					Prepared: 2/10/2014 Analyzed: 2/10/2014				
Dichlorodifluoromethane	ND	7.5							
Chloromethane	ND	5.0							
Vinyl Chloride	ND	2.5							
Bromomethane	ND	5.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	20							
Acetone	ND	75							
Acrylonitrile	ND	4.0							
Trichlorotrifluoroethane	ND	20							
1,1-Dichloroethene	ND	2.5							
Methylene Chloride	ND	25							
Carbon Disulfide	ND	5.0							
Methyl-t-Butyl Ether (MTBE)	ND	2.5							
trans-1,2-Dichloroethene	ND	2.5							
1,1-Dichloroethane	ND	2.5							
2-Butanone (MEK)	ND	13							
2,2-Dichloropropane	ND	2.5							
cis-1,2-Dichloroethene	ND	2.5							
Chloroform	ND	2.5							
Tetrahydrofuran	ND	13							
1,1,1-Trichloroethane	ND	2.5							
Carbon Tetrachloride	ND	2.5							
1,1-Dichloropropene	ND	2.5							
Benzene	ND	2.5							
1,2-Dichloroethane	ND	2.5							
Trichloroethene	ND	2.5							
1,2-Dichloropropane	ND	2.5							
Dibromomethane	ND	2.5							
Bromodichloromethane	ND	2.5							
Methyl Isobutyl Ketone	ND	13							
cis-1,3-Dichloropropene	ND	2.5							
Toluene	ND	2.5							
trans-1,3-Dichloropropene	ND	2.5							
2-Hexanone	ND	13							
1,1,2-Trichloroethane	ND	2.5							
Tetrachloroethene	ND	2.5							
1,3-Dichloropropane	ND	2.5							
Dibromochloromethane	ND	2.5							
1,2-Dibromoethane	ND	2.5							
trans-1,4-Dichloro-2-Butene	ND	13							
Chlorobenzene	ND	2.5							
1,1,1,2-Tetrachloroethane	ND	2.5							
Ethylbenzene	ND	2.5							
m+p Xylenes	ND	2.5							
o-Xylene	ND	2.5							
Styrene	ND	2.5							
Bromoform	ND	2.5							
Isopropylbenzene	ND	2.5							
1,1,2,2-Tetrachloroethane	ND	2.5							
Bromobenzene	ND	2.5							
1,2,3-Trichloropropane	ND	2.5							
n-Propylbenzene	ND	2.5							

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1103-BLK1) - Continued					Prepared: 2/10/2014 Analyzed: 2/10/2014				
2-Chlorotoluene	ND	2.5							
4-Chlorotoluene	ND	2.5							
1,3,5-Trimethylbenzene	ND	2.5							
tert-Butylbenzene	ND	2.5							
1,2,4-Trimethylbenzene	ND	2.5							
sec-Butylbenzene	ND	2.5							
1,3-Dichlorobenzene	ND	2.5							
4-Isopropyltoluene	ND	2.5							
1,4-Dichlorobenzene	ND	2.5							
1,2-Dichlorobenzene	ND	2.5							
n-Butylbenzene	ND	2.5							
1,2-Dibromo-3-Chloropropane	ND	2.5							
1,2,4-Trichlorobenzene	ND	2.5							
Hexachlorobutadiene	ND	2.5							
Naphthalene	ND	2.5							
1,2,3-Trichlorobenzene	ND	2.5							
Surrogate: 1,2-Dichloroethane-d4					*110*	*70 - 130*			
Surrogate: Toluene-d8					*102*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*112*	*70 - 130*			
LCS (B4B1103-BS1)					Prepared: 2/10/2014 Analyzed: 2/10/2014				
Dichlorodifluoromethane	33.0	7.5	50.000		**66.1**	70 - 130			**L**
Chloromethane	40.5	5.0	50.000		80.9	70 - 130			
Vinyl Chloride	51.7	2.5	50.000		103	70 - 130			
Bromomethane	45.9	5.0	50.000		91.8	70 - 130			
Chloroethane	51.3	5.0	50.000		103	70 - 130			
Trichlorofluoromethane	49.1	20	50.000		98.1	70 - 130			
Acetone	96.1	75	100.000		96.1	70 - 130			
Acrylonitrile	47.3	4.0	50.000		94.6	70 - 130			
Trichlorotrifluoroethane	44.7	20	50.000		89.4	70 - 130			
1,1-Dichloroethene	43.9	2.5	50.000		87.8	70 - 130			
Methylene Chloride	26.7	25	50.000		**53.4**	70 - 130			**L**
Carbon Disulfide	42.4	5.0	50.000		84.8	70 - 130			
Methyl-t-Butyl Ether (MTBE)	46.4	2.5	50.000		92.8	70 - 130			
trans-1,2-Dichloroethene	42.7	2.5	50.000		85.4	70 - 130			
1,1-Dichloroethane	44.3	2.5	50.000		88.5	70 - 130			
2-Butanone (MEK)	90.5	13	100.000		90.5	70 - 130			
2,2-Dichloropropane	47.0	2.5	50.000		94.0	70 - 130			
cis-1,2-Dichloroethene	43.6	2.5	50.000		87.2	70 - 130			
Chloroform	45.3	2.5	50.000		90.6	70 - 130			
Tetrahydrofuran	48.7	13	50.000		97.4	70 - 130			
1,1,1-Trichloroethane	45.2	2.5	50.000		90.5	70 - 130			
Carbon Tetrachloride	46.3	2.5	50.000		92.6	70 - 130			
1,1-Dichloropropene	45.3	2.5	50.000		90.5	70 - 130			
Benzene	43.7	2.5	50.000		87.4	70 - 130			
1,2-Dichloroethane	47.5	2.5	50.000		95.1	70 - 130			
Trichloroethene	43.5	2.5	50.000		87.1	70 - 130			
1,2-Dichloropropane	45.2	2.5	50.000		90.3	70 - 130			
Dibromomethane	46.0	2.5	50.000		92.1	70 - 130			
Bromodichloromethane	46.9	2.5	50.000		93.9	70 - 130			
Methyl Isobutyl Ketone	101	13	100.000		101	70 - 130			
cis-1,3-Dichloropropene	46.6	2.5	50.000		93.3	70 - 130			
Toluene	45.5	2.5	50.000		90.9	70 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B4B1103-BS1) - Continued					Prepared: 2/10/2014 Analyzed: 2/10/2014				
trans-1,3-Dichloropropene	49.3	2.5	50.000		98.6	70 - 130			
2-Hexanone	103	13	100.000		103	70 - 130			
1,1,2-Trichloroethane	48.1	2.5	50.000		96.2	70 - 130			
Tetrachloroethene	46.5	2.5	50.000		92.9	70 - 130			
1,3-Dichloropropane	48.0	2.5	50.000		96.1	70 - 130			
Dibromochloromethane	48.1	2.5	50.000		96.1	70 - 130			
1,2-Dibromoethane	48.7	2.5	50.000		97.3	70 - 130			
trans-1,4-Dichloro-2-Butene	53.6	13	50.000		107	70 - 130			
Chlorobenzene	46.4	2.5	50.000		92.8	70 - 130			
1,1,1,2-Tetrachloroethane	47.2	2.5	50.000		94.4	70 - 130			
Ethylbenzene	46.3	2.5	50.000		92.7	70 - 130			
m+p Xylenes	95.6	2.5	100.000		95.6	70 - 130			
o-Xylene	47.8	2.5	50.000		95.6	70 - 130			
Styrene	48.1	2.5	50.000		96.2	70 - 130			
Bromoform	50.5	2.5	50.000		101	70 - 130			
Isopropylbenzene	48.2	2.5	50.000		96.4	70 - 130			
1,1,2,2-Tetrachloroethane	52.3	2.5	50.000		105	70 - 130			
Bromobenzene	48.0	2.5	50.000		96.0	70 - 130			
1,2,3-Trichloropropane	47.8	2.5	50.000		95.6	70 - 130			
n-Propylbenzene	47.9	2.5	50.000		95.7	70 - 130			
2-Chlorotoluene	43.2	2.5	50.000		86.4	70 - 130			
4-Chlorotoluene	54.7	2.5	50.000		109	70 - 130			
1,3,5-Trimethylbenzene	47.4	2.5	50.000		94.8	70 - 130			
tert-Butylbenzene	46.7	2.5	50.000		93.4	70 - 130			
1,2,4-Trimethylbenzene	47.1	2.5	50.000		94.2	70 - 130			
sec-Butylbenzene	46.7	2.5	50.000		93.4	70 - 130			
1,3-Dichlorobenzene	46.8	2.5	50.000		93.5	70 - 130			
4-Isopropyltoluene	46.8	2.5	50.000		93.5	70 - 130			
1,4-Dichlorobenzene	46.8	2.5	50.000		93.6	70 - 130			
1,2-Dichlorobenzene	47.2	2.5	50.000		94.4	70 - 130			
n-Butylbenzene	47.0	2.5	50.000		94.1	70 - 130			
1,2-Dibromo-3-Chloropropane	51.7	2.5	50.000		103	70 - 130			
1,2,4-Trichlorobenzene	43.4	2.5	50.000		86.7	70 - 130			
Hexachlorobutadiene	33.8	2.5	50.000		**67.7**	70 - 130			**L**
Naphthalene	49.2	2.5	50.000		98.4	70 - 130			
1,2,3-Trichlorobenzene	43.1	2.5	50.000		86.1	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*90.9*	*70 - 130*			
Surrogate: Toluene-d8					*102*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*102*	*70 - 130*			

Batch B4B1104 - CT-ETPH

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1104-BLK1)					Prepared: 2/11/2014 Analyzed: 2/11/2014				
ETPH	ND	50							
Surrogate: Octacosane					*84.2*	*50 - 150*			
LCS (B4B1104-BS1)					Prepared: 2/11/2014 Analyzed: 2/11/2014				
ETPH	1310	50	1,500.000		87.2	60 - 120			
Surrogate: Octacosane					*94.1*	*50 - 150*			

Batch B4B1105 - EPA 8270D

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1105-BLK1)					Prepared: 2/11/2014 Analyzed: 2/11/2014				
Phenol	ND	300							
1,3-Dichlorobenzene	ND	300							
n-Nitroso-di-n-propylamine	ND	300							
Pyridine	ND	300							
n-Nitroso-dimethylamine	ND	300							
bis(2-Chloroethyl)ether	ND	300							
Aniline	ND	300							
2-Chlorophenol	ND	300							
1,4-Dichlorobenzene	ND	300							
Benzyl Alcohol	ND	300							
1,2-Dichlorobenzene	ND	300							
bis(2-Chloroisopropyl)ether	ND	300							
Hexachloroethane	ND	300							
2-Methyl Phenol	ND	300							
3+4 Methyl Phenol	ND	300							
Naphthalene	ND	300							
2-Nitrophenol	ND	300							
2,4-Dichlorophenol	ND	300							
Hexachlorobutadiene	ND	300							
4-Chloro-3-methylphenol	ND	300							
Nitrobenzene	ND	300							
Isophorone	ND	300							
2,4-Dimethylphenol	ND	300							
bis(2-Chloroethoxy)methane	ND	300							
Benzoic Acid	ND	300							
1,2,4-Trichlorobenzene	ND	300							
2,6-Dichlorophenol	ND	300							
4-Chloroaniline	ND	300							
1,2,4,5-Tetrachlorobenzene	ND	300							
2-Methyl Naphthalene	ND	300							
Acenaphthylene	ND	300							
Acenaphthene	ND	300							
Dibenzofuran	ND	300							
Fluorene	ND	300							
Hexachlorocyclopentadiene	ND	300							
2,4,6-Trichlorophenol	ND	300							
2,4,5-Trichlorophenol	ND	300							
2,4-Dinitrophenol	ND	300							
4-Nitrophenol	ND	300							
2-Chloronaphthalene	ND	300							
2-Nitroaniline	ND	300							
Dimethylphthalate	ND	300							
2,6-Dinitrotoluene	ND	300							
4-Nitroaniline	ND	300							
2,4-Dinitrotoluene	ND	300							
2,3,4,6-Tetrachlorophenol	ND	300							
4-Chlorophenyl-phenylether	ND	300							
Diethylphthalate	ND	300							
Phenanthrene	ND	300							
Anthracene	ND	300							
Carbazole	ND	300							
Fluoranthene	ND	300							

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1105-BLK1) - Continued					Prepared: 2/11/2014 Analyzed: 2/11/2014				
Pyrene	ND	300							
n-Nitrosodiphenylamine	ND	300							
Pentachlorophenol	ND	300							
3-Nitroaniline	ND	300							
4,6-Dinitro-2-methylphenol	ND	300							
1,2-Diphenylhydrazine	ND	300							
4-Bromophenyl-phenylether	ND	300							
Hexachlorobenzene	ND	300							
Di-n-butylphthalate	ND	300							
Pentachloronitrobenzene	ND	300							
Benzo[a]anthracene	ND	300							
Chrysene	ND	300							
Butylbenzylphthalate	ND	300							
3,3-Dichlorobenzidine	ND	300							
bis(2-Ethylhexyl)phthalate	ND	300							
Di-n-octylphthalate	ND	300							
Benzo[b]fluoranthene	ND	300							
Benzo[k]fluoranthene	ND	300							
Benzo[a]pyrene	ND	300							
Indeno[1,2,3-cd]pyrene	ND	300							
Dibenz[a,h]anthracene	ND	300							
Benzo[g,h,i]perylene	ND	300							
Surrogate: 2-Fluorophenol					*62.4*	*30 - 130*			
Surrogate: Phenol-d6					*64.2*	*30 - 130*			
Surrogate: Nitrobenzene-d5					*64.2*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*64.9*	*30 - 130*			
Surrogate: 2,4,6-Tribromophenol					*52.6*	*30 - 130*			
Surrogate: Terphenyl-d14					*66.7*	*30 - 130*			
LCS (B4B1105-BS1)					Prepared: 2/11/2014 Analyzed: 2/11/2014				
Phenol	2900	300	4,000.000		72.6	30 - 130			
1,3-Dichlorobenzene	2620	300	4,000.000		65.4	40 - 140			
n-Nitroso-di-n-propylamine	2690	300	4,000.000		67.3	40 - 140			
Pyridine	881	300	4,000.000		**22.0**	40 - 140			**L**
n-Nitroso-dimethylamine	432	300	4,000.000		**10.8**	40 - 140			**L**
bis(2-Chloroethyl)ether	2770	300	4,000.000		69.2	40 - 140			
Aniline	1910	300	4,000.000		47.9	40 - 140			
2-Chlorophenol	2790	300	4,000.000		69.7	30 - 130			
1,4-Dichlorobenzene	2650	300	4,000.000		66.1	40 - 140			
Benzyl Alcohol	1170	300	4,000.000		**29.3**	30 - 130			**L**
1,2-Dichlorobenzene	2690	300	4,000.000		67.2	40 - 140			
bis(2-Chloroisopropyl)ether	2890	300	4,000.000		72.3	40 - 140			
Hexachloroethane	2800	300	4,000.000		69.9	40 - 140			
2-Methyl Phenol	2790	300	4,000.000		69.8	30 - 130			
3+4 Methyl Phenol	3090	300	4,000.000		77.1	30 - 130			
Naphthalene	2570	300	4,000.000		64.3	40 - 140			
2-Nitrophenol	2490	300	4,000.000		62.3	30 - 130			
2,4-Dichlorophenol	2630	300	4,000.000		65.8	30 - 130			
Hexachlorobutadiene	2570	300	4,000.000		64.4	40 - 140			
4-Chloro-3-methylphenol	2390	300	4,000.000		59.7	30 - 130			
Nitrobenzene	2580	300	4,000.000		64.4	40 - 140			
Isophorone	2610	300	4,000.000		65.2	40 - 140			
2,4-Dimethylphenol	1820	300	4,000.000		45.6	30 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B4B1105-BS1) - Continued					Prepared: 2/11/2014 Analyzed: 2/11/2014				
bis(2-Chloroethoxy)methane	2480	300	4,000.000		62.0	40 - 140			
Benzoic Acid	2460	300	4,000.000		61.5	30 - 130			
1,2,4-Trichlorobenzene	2550	300	4,000.000		63.8	40 - 140			
2,6-Dichlorophenol	2360	300	4,000.000		59.1	30 - 130			
4-Chloroaniline	2090	300	4,000.000		52.3	40 - 140			
1,2,4,5-Tetrachlorobenzene	2730	300	4,000.000		68.3	40 - 140			
2-Methyl Naphthalene	3080	300	4,000.000		77.0	40 - 140			
Acenaphthylene	2540	300	4,000.000		63.6	40 - 140			
Acenaphthene	2740	300	4,000.000		68.4	40 - 140			
Dibenzofuran	2970	300	4,000.000		74.4	40 - 140			
Fluorene	2830	300	4,000.000		70.7	40 - 140			
Hexachlorocyclopentadiene	2730	300	4,000.000		68.1	40 - 140			
2,4,6-Trichlorophenol	2030	300	4,000.000		50.8	30 - 130			
2,4,5-Trichlorophenol	2880	300	4,000.000		71.9	30 - 130			
2,4-Dinitrophenol	1820	300	4,000.000		45.5	30 - 130			
4-Nitrophenol	2410	300	4,000.000		60.1	30 - 130			
2-Chloronaphthalene	2880	300	4,000.000		72.0	40 - 140			
2-Nitroaniline	2880	300	4,000.000		71.9	40 - 140			
Dimethylphthalate	2800	300	4,000.000		70.1	40 - 140			
2,6-Dinitrotoluene	2630	300	4,000.000		65.8	40 - 140			
4-Nitroaniline	3170	300	4,000.000		79.1	40 - 140			
2,4-Dinitrotoluene	2890	300	4,000.000		72.2	40 - 140			
2,3,4,6-Tetrachlorophenol	2700	300	4,000.000		67.4	30 - 130			
4-Chlorophenyl-phenylether	2690	300	4,000.000		67.4	40 - 140			
Diethylphthalate	2940	300	4,000.000		73.6	40 - 140			
Phenanthrene	2900	300	4,000.000		72.5	40 - 140			
Anthracene	2630	300	4,000.000		65.8	40 - 140			
Carbazole	2930	300	4,000.000		73.2	40 - 140			
Fluoranthene	2550	300	4,000.000		63.7	40 - 140			
Pyrene	2570	300	4,000.000		64.3	40 - 140			
n-Nitrosodiphenylamine	2580	300	4,000.000		64.4	40 - 140			
Pentachlorophenol	2730	300	4,000.000		68.3	30 - 130			
3-Nitroaniline	2650	300	4,000.000		66.4	40 - 140			
4,6-Dinitro-2-methylphenol	2340	300	4,000.000		58.6	30 - 130			
1,2-Diphenylhydrazine	2650	300	4,000.000		66.3	40 - 140			
4-Bromophenyl-phenylether	2660	300	4,000.000		66.5	40 - 140			
Hexachlorobenzene	2710	300	4,000.000		67.7	40 - 140			
Di-n-butylphthalate	3000	300	4,000.000		74.9	40 - 140			
Pentachloronitrobenzene	3280	300	4,000.000		82.1	40 - 140			
Benzo[a]anthracene	2780	300	4,000.000		69.5	40 - 140			
Chrysene	2790	300	4,000.000		69.6	40 - 140			
Butylbenzylphthalate	2970	300	4,000.000		74.3	40 - 140			
3,3-Dichlorobenzidine	2200	300	4,000.000		55.1	40 - 140			
bis(2-Ethylhexyl)phthalate	2980	300	4,000.000		74.4	40 - 140			
Di-n-octylphthalate	2860	300	4,000.000		71.4	40 - 140			
Benzo[b]fluoranthene	3030	300	4,000.000		75.7	40 - 140			
Benzo[k]fluoranthene	3610	300	4,000.000		90.3	40 - 140			
Benzo[a]pyrene	3340	300	4,000.000		83.4	40 - 140			
Indeno[1,2,3-cd]pyrene	4220	300	4,000.000		106	40 - 140			
Dibenz[a,h]anthracene	4030	300	4,000.000		101	40 - 140			
Benzo[g,h,i]perylene	4490	300	4,000.000		112	40 - 140			
Surrogate: 2-Fluorophenol					*65.4*	*30 - 130*			
Surrogate: Phenol-d6					*67.5*	*30 - 130*			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B4B1105-BS1) - Continued					Prepared: 2/11/2014 Analyzed: 2/11/2014				
Surrogate: Nitrobenzene-d5					*59.5*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*64.1*	*30 - 130*			
Surrogate: 2,4,6-Tribromophenol					*62.7*	*30 - 130*			
Surrogate: Terphenyl-d14					*67.3*	*30 - 130*			

Batch B4B1109 - SM 4500-H B

Analyte	Result (pH Units)	RL (pH Units)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1109-BLK1)					Prepared: 2/10/2014 Analyzed: 2/10/2014				
pH	6.68								

CET #:4020089
Project: UConn New Science & Engineering Bldg
Project Number: 36190-000

Batch B4B1111 - EPA 8082A

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1111-BLK1)					Prepared: 2/11/2014 Analyzed: 2/11/2014				
PCB-1016	ND	0.20							
PCB-1221	ND	0.20							
PCB-1232	ND	0.20							
PCB-1242	ND	0.20							
PCB-1248	ND	0.20							
PCB-1254	ND	0.20							
PCB-1260	ND	0.20							
PCB-1268	ND	0.20							
Surrogate: TCMX					*104*	*50 - 150*			
Surrogate: DCB					*106*	*50 - 150*			
LCS (B4B1111-BS1)					Prepared: 2/11/2014 Analyzed: 2/11/2014				
PCB-1016	0.984	0.20	1.000		98.4	40 - 140			
PCB-1260	1.06	0.20	1.000		106	40 - 140			
Surrogate: TCMX					*98.4*	*50 - 150*			
Surrogate: DCB					*101*	*50 - 150*			

CET #:4020089
Project: UConn New Science & Engineering Bldg
Project Number: 36190-000

Batch B4B1115 - EPA 7471B

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1115-BLK1)					Prepared: 2/11/2014 Analyzed: 2/11/2014				
Mercury	ND	0.20							
LCS (B4B1115-BS1)					Prepared: 2/11/2014 Analyzed: 2/11/2014				
Mercury	0.726	0.20	0.833		87.1	80 - 120			

Batch B4B1123 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1123-BLK1)					Prepared: 2/11/2014 Analyzed: 2/11/2014				
Dichlorodifluoromethane	ND	7.5							
Chloromethane	ND	5.0							
Vinyl Chloride	ND	2.5							
Bromomethane	ND	5.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	20							
Acetone	ND	75							
Acrylonitrile	ND	4.0							
Trichlorotrifluoroethane	ND	20							
1,1-Dichloroethene	ND	2.5							
Methylene Chloride	ND	25							
Carbon Disulfide	ND	5.0							
Methyl-t-Butyl Ether (MTBE)	ND	2.5							
trans-1,2-Dichloroethene	ND	2.5							
1,1-Dichloroethane	ND	2.5							
2-Butanone (MEK)	ND	13							
2,2-Dichloropropane	ND	2.5							
cis-1,2-Dichloroethene	ND	2.5							
Chloroform	ND	2.5							
Tetrahydrofuran	ND	13							
1,1,1-Trichloroethane	ND	2.5							
Carbon Tetrachloride	ND	2.5							
1,1-Dichloropropene	ND	2.5							
Benzene	ND	2.5							
1,2-Dichloroethane	ND	2.5							
Trichloroethene	ND	2.5							
1,2-Dichloropropane	ND	2.5							
Dibromomethane	ND	2.5							
Bromodichloromethane	ND	2.5							
Methyl Isobutyl Ketone	ND	13							
cis-1,3-Dichloropropene	ND	2.5							
Toluene	ND	2.5							
trans-1,3-Dichloropropene	ND	2.5							
2-Hexanone	ND	13							
1,1,2-Trichloroethane	ND	2.5							
Tetrachloroethene	ND	2.5							
1,3-Dichloropropane	ND	2.5							
Dibromochloromethane	ND	2.5							
1,2-Dibromoethane	ND	2.5							
trans-1,4-Dichloro-2-Butene	ND	13							
Chlorobenzene	ND	2.5							
1,1,1,2-Tetrachloroethane	ND	2.5							
Ethylbenzene	ND	2.5							
m+p Xylenes	ND	2.5							
o-Xylene	ND	2.5							
Styrene	ND	2.5							
Bromoform	ND	2.5							
Isopropylbenzene	ND	2.5							
1,1,2,2-Tetrachloroethane	ND	2.5							
Bromobenzene	ND	2.5							
1,2,3-Trichloropropane	ND	2.5							
n-Propylbenzene	ND	2.5							

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1123-BLK1) - Continued					Prepared: 2/11/2014 Analyzed: 2/11/2014				
2-Chlorotoluene	ND	2.5							
4-Chlorotoluene	ND	2.5							
1,3,5-Trimethylbenzene	ND	2.5							
tert-Butylbenzene	ND	2.5							
1,2,4-Trimethylbenzene	ND	2.5							
sec-Butylbenzene	ND	2.5							
1,3-Dichlorobenzene	ND	2.5							
4-Isopropyltoluene	ND	2.5							
1,4-Dichlorobenzene	ND	2.5							
1,2-Dichlorobenzene	ND	2.5							
n-Butylbenzene	ND	2.5							
1,2-Dibromo-3-Chloropropane	ND	2.5							
1,2,4-Trichlorobenzene	ND	2.5							
Hexachlorobutadiene	ND	2.5							
Naphthalene	ND	2.5							
1,2,3-Trichlorobenzene	ND	2.5							
Surrogate: 1,2-Dichloroethane-d4					*104*	*70 - 130*			
Surrogate: Toluene-d8					*100*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*110*	*70 - 130*			
LCS (B4B1123-BS1)					Prepared: 2/11/2014 Analyzed: 2/11/2014				
Dichlorodifluoromethane	30.1	7.5	50.000		**60.2**	70 - 130			**L**
Chloromethane	45.2	5.0	50.000		90.5	70 - 130			
Vinyl Chloride	55.8	2.5	50.000		112	70 - 130			
Bromomethane	48.0	5.0	50.000		96.0	70 - 130			
Chloroethane	68.3	5.0	50.000		**137**	70 - 130			**H**
Trichlorofluoromethane	57.5	20	50.000		115	70 - 130			
Acetone	128	75	100.000		128	70 - 130			
Acrylonitrile	61.5	4.0	50.000		123	70 - 130			
Trichlorotrifluoroethane	59.6	20	50.000		119	70 - 130			
1,1-Dichloroethene	57.0	2.5	50.000		114	70 - 130			
Methylene Chloride	36.8	25	50.000		73.5	70 - 130			
Carbon Disulfide	54.2	5.0	50.000		108	70 - 130			
Methyl-t-Butyl Ether (MTBE)	56.8	2.5	50.000		114	70 - 130			
trans-1,2-Dichloroethene	52.7	2.5	50.000		105	70 - 130			
1,1-Dichloroethane	55.7	2.5	50.000		111	70 - 130			
2-Butanone (MEK)	113	13	100.000		113	70 - 130			
2,2-Dichloropropane	56.8	2.5	50.000		114	70 - 130			
cis-1,2-Dichloroethene	57.0	2.5	50.000		114	70 - 130			
Chloroform	55.0	2.5	50.000		110	70 - 130			
Tetrahydrofuran	61.2	13	50.000		122	70 - 130			
1,1,1-Trichloroethane	54.1	2.5	50.000		108	70 - 130			
Carbon Tetrachloride	52.3	2.5	50.000		105	70 - 130			
1,1-Dichloropropene	54.7	2.5	50.000		109	70 - 130			
Benzene	54.2	2.5	50.000		108	70 - 130			
1,2-Dichloroethane	54.3	2.5	50.000		109	70 - 130			
Trichloroethene	52.7	2.5	50.000		105	70 - 130			
1,2-Dichloropropane	53.5	2.5	50.000		107	70 - 130			
Dibromomethane	53.6	2.5	50.000		107	70 - 130			
Bromodichloromethane	53.0	2.5	50.000		106	70 - 130			
Methyl Isobutyl Ketone	114	13	100.000		114	70 - 130			
cis-1,3-Dichloropropene	53.6	2.5	50.000		107	70 - 130			
Toluene	54.8	2.5	50.000		110	70 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B4B1123-BS1) - Continued					Prepared: 2/11/2014 Analyzed: 2/11/2014				
trans-1,3-Dichloropropene	54.5	2.5	50.000		109	70 - 130			
2-Hexanone	114	13	100.000		114	70 - 130			
1,1,2-Trichloroethane	54.6	2.5	50.000		109	70 - 130			
Tetrachloroethene	56.3	2.5	50.000		113	70 - 130			
1,3-Dichloropropane	55.4	2.5	50.000		111	70 - 130			
Dibromochloromethane	50.5	2.5	50.000		101	70 - 130			
1,2-Dibromoethane	51.6	2.5	50.000		103	70 - 130			
trans-1,4-Dichloro-2-Butene	52.9	13	50.000		106	70 - 130			
Chlorobenzene	52.0	2.5	50.000		104	70 - 130			
1,1,1,2-Tetrachloroethane	51.1	2.5	50.000		102	70 - 130			
Ethylbenzene	52.8	2.5	50.000		106	70 - 130			
m+p Xylenes	108	2.5	100.000		108	70 - 130			
o-Xylene	53.3	2.5	50.000		107	70 - 130			
Styrene	52.7	2.5	50.000		105	70 - 130			
Bromoform	52.1	2.5	50.000		104	70 - 130			
Isopropylbenzene	53.1	2.5	50.000		106	70 - 130			
1,1,2,2-Tetrachloroethane	56.0	2.5	50.000		112	70 - 130			
Bromobenzene	51.7	2.5	50.000		103	70 - 130			
1,2,3-Trichloropropane	50.9	2.5	50.000		102	70 - 130			
n-Propylbenzene	52.9	2.5	50.000		106	70 - 130			
2-Chlorotoluene	49.5	2.5	50.000		99.0	70 - 130			
4-Chlorotoluene	57.2	2.5	50.000		114	70 - 130			
1,3,5-Trimethylbenzene	50.6	2.5	50.000		101	70 - 130			
tert-Butylbenzene	49.3	2.5	50.000		98.7	70 - 130			
1,2,4-Trimethylbenzene	50.8	2.5	50.000		102	70 - 130			
sec-Butylbenzene	48.4	2.5	50.000		96.7	70 - 130			
1,3-Dichlorobenzene	51.6	2.5	50.000		103	70 - 130			
4-Isopropyltoluene	48.9	2.5	50.000		97.9	70 - 130			
1,4-Dichlorobenzene	51.7	2.5	50.000		103	70 - 130			
1,2-Dichlorobenzene	51.8	2.5	50.000		104	70 - 130			
n-Butylbenzene	48.0	2.5	50.000		95.9	70 - 130			
1,2-Dibromo-3-Chloropropane	54.3	2.5	50.000		109	70 - 130			
1,2,4-Trichlorobenzene	45.0	2.5	50.000		90.1	70 - 130			
Hexachlorobutadiene	30.5	2.5	50.000		**61.0**	70 - 130			**L**
Naphthalene	54.4	2.5	50.000		109	70 - 130			
1,2,3-Trichlorobenzene	45.7	2.5	50.000		91.4	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*101*	*70 - 130*			
Surrogate: Toluene-d8					*102*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*106*	*70 - 130*			

CET #:4020089
Project: UConn New Science & Engineering Bldg
Project Number: 36190-000

Batch B4B1209 - EPA 376.1

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1209-BLK1)					Prepared: 2/10/2014 Analyzed: 2/10/2014				
Reactive Sulfide	ND	20							
Duplicate (B4B1209-DUP1)		**Source: 4020089-05**			Prepared: 2/10/2014 Analyzed: 2/10/2014				
Reactive Sulfide	ND	20		ND				200	

CET #:4020089
Project: UConn New Science & Engineering Bldg
Project Number: 36190-000

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1209-BLK1)					Prepared: 2/10/2014 Analyzed: 2/10/2014				
Reactive Cyanide	ND	5.0							
Duplicate (B4B1209-DUP1)		**Source: 4020089-05**			Prepared: 2/10/2014 Analyzed: 2/10/2014				
Reactive Cyanide	ND	5.0		ND				20	

CASE NARRATIVE

Revision: Original report dated 2/14/14; Revised client sample IDs for samples -01, -04 and -05 per client request.

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:

ND is None Detected at the specified detection limit
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.
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 Homogenity may be a problem.
All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.
Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (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 Recovery	The % recovery for non-tarer 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.
ND	Not detected
RL	Reporting Limit
Dilution	Multiplier added 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.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte foun in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the 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 PH0116
Massachussets Laboratory Certification M-CT903
Rhode Island Certification 199

New York Certification 11982
Florida Laboratory Certification E871064

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** Haley & Aldrich

Project Location: UConn New Science & Engineering Bldg ***Project Number:*** 36190-000

Laboratory Sample ID(s): 4020089-01 thru 4020089-05

Sample Date(s): 02/04/2014, 02/06/2014, 02/07/2014

List RCP Methods Used: ***CET #:*** 4020089

CT-ETPH, EPA 1010A, EPA 160.3 modified, EPA 376.1, EPA 6010C, EPA 7471B, EPA 8082A, EPA 8260C, EPA 8270D, SM 4500-H B, SW 846 Ch. 7

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 CTDEP 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 and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
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 (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5a	a) Were reporting limits specified or referenced on the chain-of-custody?	☐ Yes ☑ No
5b	b) Were these reporting limits met?	☐ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all consituents identified in the mehod-specific analyte lists preented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project specific matrix spikes and laboratory duplicates included with this data set?	☑ Yes ☐ No

Notes: 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."
This form may not be altered and all questions must be answered.

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 providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: **Position:** **Laboratory Director**

Printed Name: **David Ditta** **Date:** **02/14/2014**

Name of Laboratory: **Complete Environmental Testing, Inc.**

This certification form is to be used for RCP methods only.

RCP Case Narrative

4- See Exceptions Report Below

6- The client requested a subset of the RCP Metals list.

4- Exceptions Report

Analyte	QC Type	Exception	Result	RPD	Recovery (%)	Batch/Sample ID
4-Bromofluorobenzene	SURR	High			176	4020089-02
Dichlorodifluoromethane	LCS	Low			66.1	B4B1103
Hexachlorobutadiene	LCS	Low			67.7	B4B1103
Methylene Chloride	LCS	Low			53.4	B4B1103
Benzyl Alcohol	LCS	Low			29.3	B4B1105
n-Nitroso-dimethylamine	LCS	Low			10.8	B4B1105
Pyridine	LCS	Low			22.0	B4B1105
Chloroethane	LCS	High			137	B4B1123
Dichlorodifluoromethane	LCS	Low			60.2	B4B1123
Hexachlorobutadiene	LCS	Low			61.0	B4B1123

Batch Number	CET ID	Sample ID	Specific Method	Matrix	Collection Date
B4B1104	4020089-01	B2 Fill	CT-ETPH	Soil	02/04/2014
B4B1104	4020089-02	B3 S2	CT-ETPH	Soil	02/07/2014
B4B1104	4020089-03	B3 S1	CT-ETPH	Soil	02/07/2014
B4B1104	4020089-04	B10 S1 Fill	CT-ETPH	Soil	02/06/2014
B4B1104	4020089-05	B2 S3 Natural	CT-ETPH	Soil	02/04/2014
B4B1306	4020089-01	B2 Fill	EPA 1010A	Soil	02/04/2014
B4B1306	4020089-02	B3 S2	EPA 1010A	Soil	02/07/2014
B4B1306	4020089-03	B3 S1	EPA 1010A	Soil	02/07/2014
B4B1306	4020089-04	B10 S1 Fill	EPA 1010A	Soil	02/06/2014
B4B1306	4020089-05	B2 S3 Natural	EPA 1010A	Soil	02/04/2014
B4B1209	4020089-01	B2 Fill	EPA 376.1	Soil	02/04/2014
B4B1209	4020089-02	B3 S2	EPA 376.1	Soil	02/07/2014
B4B1209	4020089-03	B3 S1	EPA 376.1	Soil	02/07/2014
B4B1209	4020089-04	B10 S1 Fill	EPA 376.1	Soil	02/06/2014
B4B1209	4020089-05	B2 S3 Natural	EPA 376.1	Soil	02/04/2014
B4B1102	4020089-01	B2 Fill	EPA 6010C	Soil	02/04/2014
B4B1102	4020089-02	B3 S2	EPA 6010C	Soil	02/07/2014
B4B1102	4020089-03	B3 S1	EPA 6010C	Soil	02/07/2014
B4B1102	4020089-04	B10 S1 Fill	EPA 6010C	Soil	02/06/2014
B4B1102	4020089-05	B2 S3 Natural	EPA 6010C	Soil	02/04/2014
B4B1115	4020089-01	B2 Fill	EPA 7471B	Soil	02/04/2014
B4B1115	4020089-02	B3 S2	EPA 7471B	Soil	02/07/2014
B4B1115	4020089-03	B3 S1	EPA 7471B	Soil	02/07/2014
B4B1115	4020089-04	B10 S1 Fill	EPA 7471B	Soil	02/06/2014
B4B1115	4020089-05	B2 S3 Natural	EPA 7471B	Soil	02/04/2014
B4B1111	4020089-01	B2 Fill	EPA 8082A	Soil	02/04/2014
B4B1111	4020089-02	B3 S2	EPA 8082A	Soil	02/07/2014
B4B1111	4020089-03	B3 S1	EPA 8082A	Soil	02/07/2014
B4B1111	4020089-04	B10 S1 Fill	EPA 8082A	Soil	02/06/2014
B4B1111	4020089-05	B2 S3 Natural	EPA 8082A	Soil	02/04/2014
B4B1103	4020089-01	B2 Fill	EPA 8260C	Soil	02/04/2014
B4B1103	4020089-03	B3 S1	EPA 8260C	Soil	02/07/2014
B4B1103	4020089-04	B10 S1 Fill	EPA 8260C	Soil	02/06/2014
B4B1103	4020089-05	B2 S3 Natural	EPA 8260C	Soil	02/04/2014
B4B1123	4020089-02	B3 S2	EPA 8260C	Soil	02/07/2014
B4B1123	4020089-02RE1	B3 S2	EPA 8260C	Soil	02/07/2014
B4B1105	4020089-01	B2 Fill	EPA 8270D	Soil	02/04/2014
B4B1105	4020089-02	B3 S2	EPA 8270D	Soil	02/07/2014
B4B1105	4020089-03	B3 S1	EPA 8270D	Soil	02/07/2014
B4B1105	4020089-04	B10 S1 Fill	EPA 8270D	Soil	02/06/2014
B4B1105	4020089-05	B2 S3 Natural	EPA 8270D	Soil	02/04/2014
B4B1109	4020089-01	B2 Fill	SM 4500-H B	Soil	02/04/2014
B4B1109	4020089-02	B3 S2	SM 4500-H B	Soil	02/07/2014
B4B1109	4020089-03	B3 S1	SM 4500-H B	Soil	02/07/2014
B4B1109	4020089-04	B10 S1 Fill	SM 4500-H B	Soil	02/06/2014
B4B1109	4020089-05	B2 S3 Natural	SM 4500-H B	Soil	02/04/2014
B4B1209	4020089-01	B2 Fill	SW 846 Ch. 7	Soil	02/04/2014
B4B1209	4020089-02	B3 S2	SW 846 Ch. 7	Soil	02/07/2014

B4B1209	4020089-03	B3 S1	SW 846 Ch. 7	Soil	02/07/2014
B4B1209	4020089-04	B10 S1 Fill	SW 846 Ch. 7	Soil	02/06/2014
B4B1209	4020089-05	B2 S3 Natural	SW 846 Ch. 7	Soil	02/04/2014

HALEY & ALDRICH
Haley & Aldrich, Inc.
100 Corporate Place.. Suite 105
Rocky Hill, CT 06067

4020089

N OF CUSTODY RECORD

Phone 860-282-9400
Fax 860-721-0612

H&A FILE NO.	36190-000	LABORATORY	CET	DELIVERY DATE	
PROJECT NAME	Uconn New Science & Engineering Building	ADDRESS	Stratford, CT	TURNAROUND TIME	Normal
H&A CONTACT	Jen Buchanon jbuchanon@haleyaldrich.com	CONTACT	Tim or Dave	PROJECT MANAGER	T. Crowl

Analysis Requested

Sample No.	Date	Time	Depth (feet)	Type (Soil)	1 VOCs by 8260	2 SVOCs by 8270	3 PCBs by 8082	4 TPH by CT:TPH Method	5 RCRA 8 Metals	6 pH	reactive cyanide	reactive sulfide	ignitability			Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)
B2 S11	02/04/14	9:00am	1-3'	~~Water~~ Soil	X	X	X	X	X	X	X	X	X			4 a	
B3 S2	02/07/14	9:00am	3'-5'	soil	X	X	X	X	X	X	X	X	X			4	
B3 S1	02/07/14	9:00am	1'-3'	soil	X	X	X	X	X	X	X	X	X			4	
B10 S1 fill	02/08/14	9:00am	1'-3'	soil	X	X	X	X	X	X	X	X	X			4	
B2 S3 natural	02/04/14	9:00am	3'-5'	soil	X	X	X	X	X	X	X	X	X			4	

Sampled and Relinquished by	Received by
Sign [signature]	Sign [signature]
Print Bernie Cavan	Print Robert Pergamen
Firm Haley & Aldrich, Inc.	Firm CET
Date 02/07/14 Time 1:30	Date 2-7-14 Time 1535

Relinquished by	Received by
Sign [signature]	Sign [signature]
Print Robert Pergamen	Print
Firm CET	Firm
Date 2-7-14 Time 1535	Date 2/7/14 Time 1535

Relinquished by	Received by
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

LIQUID	1	2	3	4	5	6						
VOA Vial												
Amber Glass												
Plastic Bottle												
Preservative												
Volume												

SOLID	1	2	3	4	5	6						
VOA Vial	X											
Amber Glass												
Clear Glass		X	X	X	X	X						
Preservative		A	A	A	A	A						
Volume	40 ml	8oz	8oz	8oz	8oz	8oz						

PRESERVATION KEY

A Sample chilled	C NaOH	E H_2SO_4	G Methanol
B Sample filtered	D HNO_3	F HCL	H Sodium Bisulfate

Sampling Comments

Amber Glass	Adhere to CT PMC and RDEC.
Plastic Bottle	Use CTDEP RCPs.
Volume	Freezer @ CET 2/7/14 17:00

Evidence samples were tampered with? YES NO
If YES, please explain in section below.

3.80

Form #3204

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Ms. Jen Buchanon
Haley & Aldrich
100 Corporate Place, Suite 105
Rocky Hill, CT 06067-1803

Analytical Report

CET# 4020142R

Report Date: February 20, 2014
Project: UConn New Science & Engineering Bldg
Project Number: 36190-000

Connecticut Laboratory Certificate: PH 0116
Massachussetts laboratory Certificate.: M-CT903
Rhode Island Certification: 199

New York Certification: 11982
Florida Laboratory Certification: E871064

SAMPLE SUMMARY

The sample(s) were received at 4.7°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
B6 S1	4020142-01	Soil	2/07/2014 13:45	02/11/2014
B11 S2	4020142-02	Soil	2/10/2014 9:30	02/11/2014
B11 S1	4020142-03	Soil	2/10/2014 9:30	02/11/2014

Analyte: Total Solids [EPA 160.3 modified] **Analyst: MS**

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4020142-01	B6 S1	**82**	1.0	%	1	B4B1433	02/14/2014	02/14/2014 16:55	
4020142-02	B11 S2	**92**	1.0	%	1	B4B1433	02/14/2014	02/14/2014 16:55	
4020142-03	B11 S1	**92**	1.0	%	1	B4B1433	02/14/2014	02/14/2014 16:55	

Analyte: Flashpoint [EPA 1010A] **Analyst: JF**

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4020142-01	B6 S1	**>200 F**	1.0	°F	1	B4B1306	02/13/2014	02/13/2014 13:27	
4020142-02	B11 S2	**>200 F**	1.0	°F	1	B4B1306	02/13/2014	02/13/2014 13:27	
4020142-03	B11 S1	**>200 F**	1.0	°F	1	B4B1306	02/13/2014	02/13/2014 13:27	

Analyte: Reactive Sulfide [EPA 376.1] **Analyst: CC**

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4020142-01	B6 S1	ND	20	mg/L	1	B4B1431	02/14/2014	02/14/2014 12:54	
4020142-02	B11 S2	ND	20	mg/L	1	B4B1431	02/14/2014	02/14/2014 12:54	
4020142-03	B11 S1	ND	20	mg/L	1	B4B1431	02/14/2014	02/14/2014 12:54	

Analyte: Reactive Cyanide [SW 846 Ch. 7] **Analyst: CC**

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4020142-01	B6 S1	ND	5.0	mg/L	1	B4B1431	02/14/2014	02/14/2014 12:54	
4020142-02	B11 S2	ND	5.0	mg/L	1	B4B1431	02/14/2014	02/14/2014 12:54	
4020142-03	B11 S1	ND	5.0	mg/L	1	B4B1431	02/14/2014	02/14/2014 12:54	

CET #:4020142
Project: UConn New Science & Engineering Bldg
Project Number: 36190-000

Analyte: pH [SM 4500-H B] **Analyst: DH**

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4020142-01	B6 S1	**6.90**	NA	pH Units	1	B4B1406	02/13/2014	02/13/2014 14:47	
4020142-02	B11 S2	**8.03**	NA	pH Units	1	B4B1406	02/13/2014	02/13/2014 14:52	
4020142-03	B11 S1	**8.21**	NA	pH Units	1	B4B1406	02/13/2014	02/13/2014 14:56	

Analyte: Mercury [EPA 7471B] **Analyst: MS**

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4020142-01	B6 S1	ND	0.25	mg/kg dry	1	B4B1305	02/13/2014	02/13/2014 14:06	
4020142-02	B11 S2	ND	0.22	mg/kg dry	1	B4B1305	02/13/2014	02/13/2014 14:10	
4020142-03	B11 S1	ND	0.22	mg/kg dry	1	B4B1305	02/13/2014	02/13/2014 14:13	

Client Sample ID B6 S1
Lab ID: 4020142-01

Total Metals **Analyst: SS**
Method: EPA 6010C **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**18**	2.5	1	EPA 3050B	B4B1303	02/13/2014	02/13/2014 22:27	
Selenium	ND	1.2	1	EPA 3050B	B4B1303	02/13/2014	02/13/2014 22:27	
Cadmium	ND	0.61	1	EPA 3050B	B4B1303	02/13/2014	02/13/2014 22:27	
Chromium	**18**	2.5	1	EPA 3050B	B4B1303	02/13/2014	02/13/2014 22:27	
Arsenic	**3.4**	1.2	1	EPA 3050B	B4B1303	02/13/2014	02/13/2014 22:27	
Barium	**39**	2.5	1	EPA 3050B	B4B1303	02/13/2014	02/13/2014 22:27	
Silver	ND	2.5	1	EPA 3050B	B4B1303	02/13/2014	02/13/2014 22:27	

Conn. Extractable TPH **Analyst: HE**
Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	61	1	EPA 3550C	B4B1407	02/14/2014	02/14/2014 16:05	
Surrogate: Octacosane	*92.6 %*		*50 - 150*		B4B1407	02/14/2014	*02/14/2014 16:05*	

PCBs by ASE **Analyst: SJ**
Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.25	1	EPA 3545A	B4B1308	02/13/2014	02/14/2014 19:30	
PCB-1221	ND	0.25	1	EPA 3545A	B4B1308	02/13/2014	02/14/2014 19:30	
PCB-1232	ND	0.25	1	EPA 3545A	B4B1308	02/13/2014	02/14/2014 19:30	
PCB-1242	ND	0.25	1	EPA 3545A	B4B1308	02/13/2014	02/14/2014 19:30	
PCB-1248	ND	0.25	1	EPA 3545A	B4B1308	02/13/2014	02/14/2014 19:30	
PCB-1254	ND	0.25	1	EPA 3545A	B4B1308	02/13/2014	02/14/2014 19:30	
PCB-1260	ND	0.25	1	EPA 3545A	B4B1308	02/13/2014	02/14/2014 19:30	
PCB-1268	ND	0.25	1	EPA 3545A	B4B1308	02/13/2014	02/14/2014 19:30	
Surrogate: TCMX	*82.6 %*		*50 - 150*		B4B1308	02/13/2014	*02/14/2014 19:30*	
Surrogate: DCB	*77.4 %*		*50 - 150*		B4B1308	02/13/2014	*02/14/2014 19:30*	

Client Sample ID B6 S1
Lab ID: 4020142-01

Semivolatile Organics
Method: EPA 8270D

Analyst: ALB
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
1,3-Dichlorobenzene	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
n-Nitroso-di-n-propylamine	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Pyridine	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
n-Nitroso-dimethylamine	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
bis(2-Chloroethyl)ether	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Aniline	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
2-Chlorophenol	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
1,4-Dichlorobenzene	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Benzyl Alcohol	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
1,2-Dichlorobenzene	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
bis(2-Chloroisopropyl)ether	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Hexachloroethane	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
2-Methyl Phenol	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
3+4 Methyl Phenol	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Naphthalene	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
2-Nitrophenol	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
2,4-Dichlorophenol	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Hexachlorobutadiene	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
4-Chloro-3-methylphenol	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Nitrobenzene	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Isophorone	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
2,4-Dimethylphenol	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
bis(2-Chloroethoxy)methane	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Benzoic Acid	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
1,2,4-Trichlorobenzene	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
2,6-Dichlorophenol	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
4-Chloroaniline	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
1,2,4,5-Tetrachlorobenzene	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
2-Methyl Naphthalene	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Acenaphthylene	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Acenaphthene	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Dibenzofuran	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Fluorene	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Hexachlorocyclopentadiene	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
2,4,6-Trichlorophenol	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
2,4,5-Trichlorophenol	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	

Client Sample ID B6 S1
Lab ID: 4020142-01

Semivolatile Organics
Method: EPA 8270D

Analyst: ALB
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,4-Dinitrophenol	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
4-Nitrophenol	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
2-Chloronaphthalene	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
2-Nitroaniline	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Dimethylphthalate	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
2,6-Dinitrotoluene	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
4-Nitroaniline	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
2,4-Dinitrotoluene	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
2,3,4,6-Tetrachlorophenol	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
4-Chlorophenyl-phenylether	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Diethylphthalate	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Phenanthrene	**1000**	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Anthracene	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Carbazole	**400**	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Fluoranthene	**1800**	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Pyrene	**1400**	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
n-Nitrosodiphenylamine	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Pentachlorophenol	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
3-Nitroaniline	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
4,6-Dinitro-2-methylphenol	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
1,2-Diphenylhydrazine	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
4-Bromophenyl-phenylether	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Hexachlorobenzene	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Di-n-butylphthalate	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Pentachloronitrobenzene	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Benzo[a]anthracene	**600**	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Chrysene	**700**	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Butylbenzylphthalate	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
3,3-Dichlorobenzidine	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
bis(2-Ethylhexyl)phthalate	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Di-n-octylphthalate	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Benzo[b]fluoranthene	**870**	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Benzo[k]fluoranthene	**370**	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Benzo[a]pyrene	**670**	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Indeno[1,2,3-cd]pyrene	**440**	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Dibenz[a,h]anthracene	ND	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Benzo[g,h,i]perylene	**500**	370	1	EPA 3545A	B4B1429	02/14/2014	02/19/2014 12:34	
Surrogate: 2-Fluorophenol	*66.1 %*	*30 - 130*			B4B1429	02/14/2014	*02/19/2014 12:34*	

Client Sample ID B6 S1
Lab ID: 4020142-01

Semivolatile Organics **Analyst: ALB**

Method: EPA 8270D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: Phenol-d6	*65.2 %*		*30 - 130*		B4B1429	02/14/2014	*02/19/2014 12:34*	
Surrogate: Nitrobenzene-d5	*69.4 %*		*30 - 130*		B4B1429	02/14/2014	*02/19/2014 12:34*	
Surrogate: 2-Fluorobiphenyl	*75.1 %*		*30 - 130*		B4B1429	02/14/2014	*02/19/2014 12:34*	
Surrogate: 2,4,6-Tribromophenol	*72.7 %*		*30 - 130*		B4B1429	02/14/2014	*02/19/2014 12:34*	
Surrogate: Terphenyl-d14	*76.1 %*		*30 - 130*		B4B1429	02/14/2014	*02/19/2014 12:34*	

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	9.4	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Chloromethane	ND	6.3	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Vinyl Chloride	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Bromomethane	ND	6.3	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Chloroethane	ND	6.3	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Trichlorofluoromethane	ND	25	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Acetone	ND	94	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Acrylonitrile	ND	5.0	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Trichlorotrifluoroethane	ND	25	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
1,1-Dichloroethene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Methylene Chloride	ND	31	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Carbon Disulfide	ND	6.3	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Methyl-t-Butyl Ether (MTBE)	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
trans-1,2-Dichloroethene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
1,1-Dichloroethane	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
2-Butanone (MEK)	ND	16	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
2,2-Dichloropropane	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
cis-1,2-Dichloroethene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Chloroform	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Tetrahydrofuran	ND	16	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
1,1,1-Trichloroethane	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Carbon Tetrachloride	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
1,1-Dichloropropene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Benzene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
1,2-Dichloroethane	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	

Client Sample ID B6 S1
Lab ID: 4020142-01

Volatile Organics
Method: EPA 8260C

Analyst: TWF
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
1,2-Dichloropropane	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Dibromomethane	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Bromodichloromethane	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Methyl Isobutyl Ketone	ND	16	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
cis-1,3-Dichloropropene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Toluene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
trans-1,3-Dichloropropene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
2-Hexanone	ND	16	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
1,1,2-Trichloroethane	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Tetrachloroethene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
1,3-Dichloropropane	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Dibromochloromethane	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
1,2-Dibromoethane	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
trans-1,4-Dichloro-2-Butene	ND	16	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Chlorobenzene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
1,1,1,2-Tetrachloroethane	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Ethylbenzene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
m+p Xylenes	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
o-Xylene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Styrene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Bromoform	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Isopropylbenzene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
1,1,2,2-Tetrachloroethane	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Bromobenzene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
1,2,3-Trichloropropane	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
n-Propylbenzene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
2-Chlorotoluene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
4-Chlorotoluene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
1,3,5-Trimethylbenzene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
tert-Butylbenzene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
1,2,4-Trimethylbenzene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
sec-Butylbenzene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
1,3-Dichlorobenzene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
4-Isopropyltoluene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
1,4-Dichlorobenzene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
1,2-Dichlorobenzene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
n-Butylbenzene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
1,2-Dibromo-3-Chloropropane	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	

Client Sample ID B6 S1
Lab ID: 4020142-01

Volatile Organics
Method: EPA 8260C

Analyst: TWF
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Hexachlorobutadiene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Naphthalene	**7.1**	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
1,2,3-Trichlorobenzene	ND	3.1	1.02	EPA 5035A	B4B1227	02/12/2014	02/12/2014 17:54	
Surrogate: 1,2-Dichloroethane-d4	*92.7 %*		*70 - 130*		B4B1227	02/12/2014	*02/12/2014 17:54*	
Surrogate: Toluene-d8	*99.8 %*		*70 - 130*		B4B1227	02/12/2014	*02/12/2014 17:54*	
Surrogate: 4-Bromofluorobenzene	*102 %*		*70 - 130*		B4B1227	02/12/2014	*02/12/2014 17:54*	

Client Sample ID B11 S2
Lab ID: 4020142-02

Total Metals **Analyst: SS**

Method: EPA 6010C **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**4.6**	2.2	1	EPA 3050B	B4B1303	02/13/2014	02/13/2014 22:32	
Selenium	ND	1.1	1	EPA 3050B	B4B1303	02/13/2014	02/13/2014 22:32	
Cadmium	ND	0.54	1	EPA 3050B	B4B1303	02/13/2014	02/13/2014 22:32	
Chromium	**20**	2.2	1	EPA 3050B	B4B1303	02/13/2014	02/13/2014 22:32	
Arsenic	**1.7**	1.1	1	EPA 3050B	B4B1303	02/13/2014	02/13/2014 22:32	
Barium	**49**	2.2	1	EPA 3050B	B4B1303	02/13/2014	02/13/2014 22:32	
Silver	ND	2.2	1	EPA 3050B	B4B1303	02/13/2014	02/13/2014 22:32	

Conn. Extractable TPH **Analyst: HE**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	54	1	EPA 3550C	B4B1407	02/14/2014	02/14/2014 17:41	
Surrogate: Octacosane	*103 %*	*50 - 150*			B4B1407	02/14/2014	*02/14/2014 17:41*	

PCBs by ASE **Analyst: SJ**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.22	1	EPA 3545A	B4B1308	02/13/2014	02/14/2014 19:49	
PCB-1221	ND	0.22	1	EPA 3545A	B4B1308	02/13/2014	02/14/2014 19:49	
PCB-1232	ND	0.22	1	EPA 3545A	B4B1308	02/13/2014	02/14/2014 19:49	
PCB-1242	ND	0.22	1	EPA 3545A	B4B1308	02/13/2014	02/14/2014 19:49	
PCB-1248	ND	0.22	1	EPA 3545A	B4B1308	02/13/2014	02/14/2014 19:49	
PCB-1254	ND	0.22	1	EPA 3545A	B4B1308	02/13/2014	02/14/2014 19:49	
PCB-1260	ND	0.22	1	EPA 3545A	B4B1308	02/13/2014	02/14/2014 19:49	
PCB-1268	ND	0.22	1	EPA 3545A	B4B1308	02/13/2014	02/14/2014 19:49	
Surrogate: TCMX	*88.5 %*	*50 - 150*			B4B1308	02/13/2014	*02/14/2014 19:49*	
Surrogate: DCB	*84.6 %*	*50 - 150*			B4B1308	02/13/2014	*02/14/2014 19:49*	

Client Sample ID B11 S2
Lab ID: 4020142-02

Semivolatile Organics
Method: EPA 8270D

Analyst: ALB
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
1,3-Dichlorobenzene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
n-Nitroso-di-n-propylamine	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Pyridine	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
n-Nitroso-dimethylamine	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
bis(2-Chloroethyl)ether	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Aniline	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
2-Chlorophenol	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
1,4-Dichlorobenzene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Benzyl Alcohol	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
1,2-Dichlorobenzene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
bis(2-Chloroisopropyl)ether	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Hexachloroethane	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
2-Methyl Phenol	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
3+4 Methyl Phenol	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Naphthalene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
2-Nitrophenol	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
2,4-Dichlorophenol	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Hexachlorobutadiene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
4-Chloro-3-methylphenol	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Nitrobenzene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Isophorone	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
2,4-Dimethylphenol	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
bis(2-Chloroethoxy)methane	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Benzoic Acid	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
1,2,4-Trichlorobenzene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
2,6-Dichlorophenol	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
4-Chloroaniline	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
1,2,4,5-Tetrachlorobenzene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
2-Methyl Naphthalene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Acenaphthylene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Acenaphthene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Dibenzofuran	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Fluorene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Hexachlorocyclopentadiene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
2,4,6-Trichlorophenol	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
2,4,5-Trichlorophenol	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	

Client Sample ID B11 S2
Lab ID: 4020142-02

Semivolatile Organics
Method: EPA 8270D

Analyst: ALB
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,4-Dinitrophenol	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
4-Nitrophenol	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
2-Chloronaphthalene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
2-Nitroaniline	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Dimethylphthalate	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
2,6-Dinitrotoluene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
4-Nitroaniline	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
2,4-Dinitrotoluene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
2,3,4,6-Tetrachlorophenol	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
4-Chlorophenyl-phenylether	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Diethylphthalate	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Phenanthrene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Anthracene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Carbazole	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Fluoranthene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Pyrene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
n-Nitrosodiphenylamine	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Pentachlorophenol	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
3-Nitroaniline	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
4,6-Dinitro-2-methylphenol	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
1,2-Diphenylhydrazine	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
4-Bromophenyl-phenylether	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Hexachlorobenzene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Di-n-butylphthalate	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Pentachloronitrobenzene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Benzo[a]anthracene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Chrysene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Butylbenzylphthalate	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
3,3-Dichlorobenzidine	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
bis(2-Ethylhexyl)phthalate	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Di-n-octylphthalate	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Benzo[b]fluoranthene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Benzo[k]fluoranthene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Benzo[a]pyrene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Indeno[1,2,3-cd]pyrene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Dibenz[a,h]anthracene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Benzo[g,h,i]perylene	ND	320	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 05:25	
Surrogate: 2-Fluorophenol	*61.0 %*	*30 - 130*			B4B1429	02/14/2014	*02/18/2014 05:25*	

Client Sample ID B11 S2
Lab ID: 4020142-02

Semivolatile Organics **Analyst: ALB**

Method: EPA 8270D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: Phenol-d6	*68.6 %*	*30 - 130*			B4B1429	02/14/2014	*02/18/2014 05:25*	
Surrogate: Nitrobenzene-d5	*62.9 %*	*30 - 130*			B4B1429	02/14/2014	*02/18/2014 05:25*	
Surrogate: 2-Fluorobiphenyl	*67.2 %*	*30 - 130*			B4B1429	02/14/2014	*02/18/2014 05:25*	
Surrogate: 2,4,6-Tribromophenol	*55.1 %*	*30 - 130*			B4B1429	02/14/2014	*02/18/2014 05:25*	
Surrogate: Terphenyl-d14	*77.9 %*	*30 - 130*			B4B1429	02/14/2014	*02/18/2014 05:25*	

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	8.0	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Chloromethane	ND	5.4	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Vinyl Chloride	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Bromomethane	ND	5.4	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Chloroethane	ND	5.4	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Trichlorofluoromethane	ND	21	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Acetone	ND	80	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Acrylonitrile	ND	4.3	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Trichlorotrifluoroethane	ND	21	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
1,1-Dichloroethene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Methylene Chloride	ND	27	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Carbon Disulfide	ND	5.4	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Methyl-t-Butyl Ether (MTBE)	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
trans-1,2-Dichloroethene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
1,1-Dichloroethane	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
2-Butanone (MEK)	ND	13	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
2,2-Dichloropropane	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
cis-1,2-Dichloroethene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Chloroform	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Tetrahydrofuran	ND	13	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
1,1,1-Trichloroethane	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Carbon Tetrachloride	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
1,1-Dichloropropene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Benzene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
1,2-Dichloroethane	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	

Client Sample ID B11 S2
Lab ID: 4020142-02

Volatile Organics
Method: EPA 8260C

Analyst: TWF
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
1,2-Dichloropropane	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Dibromomethane	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Bromodichloromethane	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Methyl Isobutyl Ketone	ND	13	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
cis-1,3-Dichloropropene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Toluene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
trans-1,3-Dichloropropene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
2-Hexanone	ND	13	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
1,1,2-Trichloroethane	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Tetrachloroethene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
1,3-Dichloropropane	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Dibromochloromethane	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
1,2-Dibromoethane	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
trans-1,4-Dichloro-2-Butene	ND	13	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Chlorobenzene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
1,1,1,2-Tetrachloroethane	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Ethylbenzene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
m+p Xylenes	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
o-Xylene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Styrene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Bromoform	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Isopropylbenzene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
1,1,2,2-Tetrachloroethane	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Bromobenzene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
1,2,3-Trichloropropane	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
n-Propylbenzene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
2-Chlorotoluene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
4-Chlorotoluene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
1,3,5-Trimethylbenzene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
tert-Butylbenzene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
1,2,4-Trimethylbenzene	**7.4**	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
sec-Butylbenzene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
1,3-Dichlorobenzene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
4-Isopropyltoluene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
1,4-Dichlorobenzene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
1,2-Dichlorobenzene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
n-Butylbenzene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
1,2-Dibromo-3-Chloropropane	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	

Client Sample ID B11 S2
Lab ID: 4020142-02

Volatile Organics
Method: EPA 8260C

Analyst: TWF
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Hexachlorobutadiene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Naphthalene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
1,2,3-Trichlorobenzene	ND	2.7	0.99	EPA 5035A	B4B1227	02/12/2014	02/12/2014 18:27	
Surrogate: 1,2-Dichloroethane-d4	*91.9 %*		*70 - 130*		B4B1227	02/12/2014	*02/12/2014 18:27*	
Surrogate: Toluene-d8	*96.7 %*		*70 - 130*		B4B1227	02/12/2014	*02/12/2014 18:27*	
Surrogate: 4-Bromofluorobenzene	*103 %*		*70 - 130*		B4B1227	02/12/2014	*02/12/2014 18:27*	

Client Sample ID B11 S1
Lab ID: 4020142-03

Total Metals **Analyst: SS**

Method: EPA 6010C **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**3.8**	2.2	1	EPA 3050B	B4B1303	02/13/2014	02/13/2014 22:47	
Selenium	ND	1.1	1	EPA 3050B	B4B1303	02/13/2014	02/13/2014 22:47	
Cadmium	ND	0.54	1	EPA 3050B	B4B1303	02/13/2014	02/13/2014 22:47	
Chromium	**22**	2.2	1	EPA 3050B	B4B1303	02/13/2014	02/13/2014 22:47	
Arsenic	**1.5**	1.1	1	EPA 3050B	B4B1303	02/13/2014	02/13/2014 22:47	
Barium	**43**	2.2	1	EPA 3050B	B4B1303	02/13/2014	02/13/2014 22:47	
Silver	ND	2.2	1	EPA 3050B	B4B1303	02/13/2014	02/13/2014 22:47	

Conn. Extractable TPH **Analyst: HE**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	54	1	EPA 3550C	B4B1407	02/14/2014	02/14/2014 18:05	
Surrogate: Octacosane	*105 %*	*50 - 150*			B4B1407	02/14/2014	*02/14/2014 18:05*	

PCBs by ASE **Analyst: SJ**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.22	1	EPA 3545A	B4B1308	02/13/2014	02/14/2014 20:07	
PCB-1221	ND	0.22	1	EPA 3545A	B4B1308	02/13/2014	02/14/2014 20:07	
PCB-1232	ND	0.22	1	EPA 3545A	B4B1308	02/13/2014	02/14/2014 20:07	
PCB-1242	ND	0.22	1	EPA 3545A	B4B1308	02/13/2014	02/14/2014 20:07	
PCB-1248	ND	0.22	1	EPA 3545A	B4B1308	02/13/2014	02/14/2014 20:07	
PCB-1254	ND	0.22	1	EPA 3545A	B4B1308	02/13/2014	02/14/2014 20:07	
PCB-1260	ND	0.22	1	EPA 3545A	B4B1308	02/13/2014	02/14/2014 20:07	
PCB-1268	ND	0.22	1	EPA 3545A	B4B1308	02/13/2014	02/14/2014 20:07	
Surrogate: TCMX	*91.0 %*	*50 - 150*			B4B1308	02/13/2014	*02/14/2014 20:07*	
Surrogate: DCB	*70.9 %*	*50 - 150*			B4B1308	02/13/2014	*02/14/2014 20:07*	

Client Sample ID B11 S1
Lab ID: 4020142-03

Semivolatile Organics **Analyst: ALB**

Method: EPA 8270D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
1,3-Dichlorobenzene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
n-Nitroso-di-n-propylamine	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Pyridine	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
n-Nitroso-dimethylamine	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
bis(2-Chloroethyl)ether	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Aniline	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
2-Chlorophenol	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
1,4-Dichlorobenzene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Benzyl Alcohol	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
1,2-Dichlorobenzene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
bis(2-Chloroisopropyl)ether	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Hexachloroethane	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
2-Methyl Phenol	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
3+4 Methyl Phenol	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Naphthalene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
2-Nitrophenol	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
2,4-Dichlorophenol	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Hexachlorobutadiene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
4-Chloro-3-methylphenol	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Nitrobenzene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Isophorone	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
2,4-Dimethylphenol	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
bis(2-Chloroethoxy)methane	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Benzoic Acid	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
1,2,4-Trichlorobenzene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
2,6-Dichlorophenol	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
4-Chloroaniline	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
1,2,4,5-Tetrachlorobenzene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
2-Methyl Naphthalene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Acenaphthylene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Acenaphthene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Dibenzofuran	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Fluorene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Hexachlorocyclopentadiene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
2,4,6-Trichlorophenol	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
2,4,5-Trichlorophenol	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	

Client Sample ID B11 S1
Lab ID: 4020142-03

Semivolatile Organics
Method: EPA 8270D

Analyst: ALB
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,4-Dinitrophenol	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
4-Nitrophenol	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
2-Chloronaphthalene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
2-Nitroaniline	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Dimethylphthalate	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
2,6-Dinitrotoluene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
4-Nitroaniline	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
2,4-Dinitrotoluene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
2,3,4,6-Tetrachlorophenol	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
4-Chlorophenyl-phenylether	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Diethylphthalate	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Phenanthrene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Anthracene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Carbazole	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Fluoranthene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Pyrene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
n-Nitrosodiphenylamine	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Pentachlorophenol	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
3-Nitroaniline	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
4,6-Dinitro-2-methylphenol	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
1,2-Diphenylhydrazine	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
4-Bromophenyl-phenylether	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Hexachlorobenzene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Di-n-butylphthalate	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Pentachloronitrobenzene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Benzo[a]anthracene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Chrysene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Butylbenzylphthalate	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
3,3-Dichlorobenzidine	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
bis(2-Ethylhexyl)phthalate	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Di-n-octylphthalate	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Benzo[b]fluoranthene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Benzo[k]fluoranthene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Benzo[a]pyrene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Indeno[1,2,3-cd]pyrene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Dibenz[a,h]anthracene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Benzo[g,h,i]perylene	ND	330	1	EPA 3545A	B4B1429	02/14/2014	02/18/2014 06:21	
Surrogate: 2-Fluorophenol	*53.2 %*	*30 - 130*			B4B1429	02/14/2014	*02/18/2014 06:21*	

Client Sample ID B11 S1
Lab ID: 4020142-03

Semivolatile Organics **Analyst: ALB**

Method: EPA 8270D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: Phenol-d6	*59.9 %*	*30 - 130*			B4B1429	02/14/2014	*02/18/2014 06:21*	
Surrogate: Nitrobenzene-d5	*53.9 %*	*30 - 130*			B4B1429	02/14/2014	*02/18/2014 06:21*	
Surrogate: 2-Fluorobiphenyl	*60.2 %*	*30 - 130*			B4B1429	02/14/2014	*02/18/2014 06:21*	
Surrogate: 2,4,6-Tribromophenol	*48.5 %*	*30 - 130*			B4B1429	02/14/2014	*02/18/2014 06:21*	
Surrogate: Terphenyl-d14	*64.5 %*	*30 - 130*			B4B1429	02/14/2014	*02/18/2014 06:21*	

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	8.4	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Chloromethane	ND	5.6	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Vinyl Chloride	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Bromomethane	ND	5.6	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Chloroethane	ND	5.6	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Trichlorofluoromethane	ND	22	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Acetone	ND	84	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Acrylonitrile	ND	4.5	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Trichlorotrifluoroethane	ND	22	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
1,1-Dichloroethene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Methylene Chloride	ND	28	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Carbon Disulfide	ND	5.6	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Methyl-t-Butyl Ether (MTBE)	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
trans-1,2-Dichloroethene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
1,1-Dichloroethane	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
2-Butanone (MEK)	ND	14	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
2,2-Dichloropropane	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
cis-1,2-Dichloroethene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Chloroform	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Tetrahydrofuran	ND	14	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
1,1,1-Trichloroethane	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Carbon Tetrachloride	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
1,1-Dichloropropene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Benzene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
1,2-Dichloroethane	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	

Client Sample ID B11 S1
Lab ID: 4020142-03

Volatile Organics
Method: EPA 8260C

Analyst: TWF
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
1,2-Dichloropropane	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Dibromomethane	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Bromodichloromethane	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Methyl Isobutyl Ketone	ND	14	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
cis-1,3-Dichloropropene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Toluene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
trans-1,3-Dichloropropene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
2-Hexanone	ND	14	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
1,1,2-Trichloroethane	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Tetrachloroethene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
1,3-Dichloropropane	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Dibromochloromethane	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
1,2-Dibromoethane	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
trans-1,4-Dichloro-2-Butene	ND	14	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Chlorobenzene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
1,1,1,2-Tetrachloroethane	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Ethylbenzene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
m+p Xylenes	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
o-Xylene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Styrene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Bromoform	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Isopropylbenzene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
1,1,2,2-Tetrachloroethane	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Bromobenzene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
1,2,3-Trichloropropane	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
n-Propylbenzene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
2-Chlorotoluene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
4-Chlorotoluene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
1,3,5-Trimethylbenzene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
tert-Butylbenzene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
1,2,4-Trimethylbenzene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
sec-Butylbenzene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
1,3-Dichlorobenzene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
4-Isopropyltoluene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
1,4-Dichlorobenzene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
1,2-Dichlorobenzene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
n-Butylbenzene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
1,2-Dibromo-3-Chloropropane	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	

Client Sample ID B11 S1
Lab ID: 4020142-03

Volatile Organics
Method: EPA 8260C

Analyst: TWF
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Hexachlorobutadiene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Naphthalene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
1,2,3-Trichlorobenzene	ND	2.8	1.03	EPA 5035A	B4B1227	02/12/2014	02/12/2014 19:02	
Surrogate: 1,2-Dichloroethane-d4	*92.0 %*		*70 - 130*		B4B1227	02/12/2014	*02/12/2014 19:02*	
Surrogate: Toluene-d8	*97.1 %*		*70 - 130*		B4B1227	02/12/2014	*02/12/2014 19:02*	
Surrogate: 4-Bromofluorobenzene	*103 %*		*70 - 130*		B4B1227	02/12/2014	*02/12/2014 19:02*	

QUALITY CONTROL SECTION

Batch B4B1227 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1227-BLK1)					Prepared: 2/12/2014 Analyzed: 2/12/2014				
Dichlorodifluoromethane	ND	7.5							
Chloromethane	ND	5.0							
Vinyl Chloride	ND	2.5							
Bromomethane	ND	5.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	20							
Acetone	ND	75							
Acrylonitrile	ND	4.0							
Trichlorotrifluoroethane	ND	20							
1,1-Dichloroethene	ND	2.5							
Methylene Chloride	ND	25							
Carbon Disulfide	ND	5.0							
Methyl-t-Butyl Ether (MTBE)	ND	2.5							
trans-1,2-Dichloroethene	ND	2.5							
1,1-Dichloroethane	ND	2.5							
2-Butanone (MEK)	ND	13							
2,2-Dichloropropane	ND	2.5							
cis-1,2-Dichloroethene	ND	2.5							
Chloroform	ND	2.5							
Tetrahydrofuran	ND	13							
1,1,1-Trichloroethane	ND	2.5							
Carbon Tetrachloride	ND	2.5							
1,1-Dichloropropene	ND	2.5							
Benzene	ND	2.5							
1,2-Dichloroethane	ND	2.5							
Trichloroethene	ND	2.5							
1,2-Dichloropropane	ND	2.5							
Dibromomethane	ND	2.5							
Bromodichloromethane	ND	2.5							
Methyl Isobutyl Ketone	ND	13							
cis-1,3-Dichloropropene	ND	2.5							
Toluene	ND	2.5							
trans-1,3-Dichloropropene	ND	2.5							
2-Hexanone	ND	13							
1,1,2-Trichloroethane	ND	2.5							
Tetrachloroethene	ND	2.5							
1,3-Dichloropropane	ND	2.5							
Dibromochloromethane	ND	2.5							
1,2-Dibromoethane	ND	2.5							
trans-1,4-Dichloro-2-Butene	ND	13							
Chlorobenzene	ND	2.5							
1,1,1,2-Tetrachloroethane	ND	2.5							
Ethylbenzene	ND	2.5							
m+p Xylenes	ND	2.5							
o-Xylene	ND	2.5							
Styrene	ND	2.5							
Bromoform	ND	2.5							
Isopropylbenzene	ND	2.5							
1,1,2,2-Tetrachloroethane	ND	2.5							

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1227-BLK1) - Continued					Prepared: 2/12/2014 Analyzed: 2/12/2014				
Bromobenzene	ND	2.5							
1,2,3-Trichloropropane	ND	2.5							
n-Propylbenzene	ND	2.5							
2-Chlorotoluene	ND	2.5							
4-Chlorotoluene	ND	2.5							
1,3,5-Trimethylbenzene	ND	2.5							
tert-Butylbenzene	ND	2.5							
1,2,4-Trimethylbenzene	ND	2.5							
sec-Butylbenzene	ND	2.5							
1,3-Dichlorobenzene	ND	2.5							
4-Isopropyltoluene	ND	2.5							
1,4-Dichlorobenzene	ND	2.5							
1,2-Dichlorobenzene	ND	2.5							
n-Butylbenzene	ND	2.5							
1,2-Dibromo-3-Chloropropane	ND	2.5							
1,2,4-Trichlorobenzene	ND	2.5							
Hexachlorobutadiene	ND	2.5							
Naphthalene	ND	2.5							
1,2,3-Trichlorobenzene	ND	2.5							
Surrogate: 1,2-Dichloroethane-d4					*94.7*	*70 - 130*			
Surrogate: Toluene-d8					*97.7*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*98.1*	*70 - 130*			
LCS (B4B1227-BS1)					Prepared: 2/12/2014 Analyzed: 2/12/2014				
Dichlorodifluoromethane	21.5	7.5	50.000		**42.9**	70 - 130			**L**
Chloromethane	31.0	5.0	50.000		**62.0**	70 - 130			**L**
Vinyl Chloride	49.5	2.5	50.000		99.0	70 - 130			
Bromomethane	45.8	5.0	50.000		91.7	70 - 130			
Chloroethane	47.3	5.0	50.000		94.5	70 - 130			
Trichlorofluoromethane	68.2	20	50.000		**136**	70 - 130			**H**
Acetone	100	75	100.000		100	70 - 130			
Acrylonitrile	46.4	4.0	50.000		92.9	70 - 130			
Trichlorotrifluoroethane	70.8	20	50.000		**142**	70 - 130			**H**
1,1-Dichloroethene	59.2	2.5	50.000		118	70 - 130			
Methylene Chloride	53.7	25	50.000		107	70 - 130			
Carbon Disulfide	64.0	5.0	50.000		128	70 - 130			
Methyl-t-Butyl Ether (MTBE)	47.0	2.5	50.000		94.1	70 - 130			
trans-1,2-Dichloroethene	51.7	2.5	50.000		103	70 - 130			
1,1-Dichloroethane	50.5	2.5	50.000		101	70 - 130			
2-Butanone (MEK)	98.6	13	100.000		98.6	70 - 130			
2,2-Dichloropropane	50.5	2.5	50.000		101	70 - 130			
cis-1,2-Dichloroethene	48.9	2.5	50.000		97.7	70 - 130			
Chloroform	48.8	2.5	50.000		97.7	70 - 130			
Tetrahydrofuran	43.8	13	50.000		87.6	70 - 130			
1,1,1-Trichloroethane	50.0	2.5	50.000		100	70 - 130			
Carbon Tetrachloride	53.2	2.5	50.000		106	70 - 130			
1,1-Dichloropropene	53.4	2.5	50.000		107	70 - 130			
Benzene	49.8	2.5	50.000		99.5	70 - 130			
1,2-Dichloroethane	49.9	2.5	50.000		99.8	70 - 130			
Trichloroethene	44.5	2.5	50.000		88.9	70 - 130			
1,2-Dichloropropane	47.4	2.5	50.000		94.7	70 - 130			
Dibromomethane	53.8	2.5	50.000		108	70 - 130			
Bromodichloromethane	51.0	2.5	50.000		102	70 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B4B1227-BS1) - Continued					Prepared: 2/12/2014 Analyzed: 2/12/2014				
Methyl Isobutyl Ketone	97.1	13	100.000		97.1	70 - 130			
cis-1,3-Dichloropropene	50.6	2.5	50.000		101	70 - 130			
Toluene	49.8	2.5	50.000		99.7	70 - 130			
trans-1,3-Dichloropropene	51.0	2.5	50.000		102	70 - 130			
2-Hexanone	99.2	13	100.000		99.2	70 - 130			
1,1,2-Trichloroethane	52.3	2.5	50.000		105	70 - 130			
Tetrachloroethene	55.3	2.5	50.000		111	70 - 130			
1,3-Dichloropropane	50.6	2.5	50.000		101	70 - 130			
Dibromochloromethane	51.5	2.5	50.000		103	70 - 130			
1,2-Dibromoethane	48.9	2.5	50.000		97.9	70 - 130			
trans-1,4-Dichloro-2-Butene	49.3	13	50.000		98.5	70 - 130			
Chlorobenzene	50.9	2.5	50.000		102	70 - 130			
1,1,1,2-Tetrachloroethane	50.3	2.5	50.000		101	70 - 130			
Ethylbenzene	50.4	2.5	50.000		101	70 - 130			
m+p Xylenes	105	2.5	100.000		105	70 - 130			
o-Xylene	49.4	2.5	50.000		98.8	70 - 130			
Styrene	51.1	2.5	50.000		102	70 - 130			
Bromoform	53.7	2.5	50.000		107	70 - 130			
Isopropylbenzene	53.8	2.5	50.000		108	70 - 130			
1,1,2,2-Tetrachloroethane	56.8	2.5	50.000		114	70 - 130			
Bromobenzene	46.0	2.5	50.000		91.9	70 - 130			
1,2,3-Trichloropropane	44.1	2.5	50.000		88.3	70 - 130			
n-Propylbenzene	49.1	2.5	50.000		98.2	70 - 130			
2-Chlorotoluene	47.2	2.5	50.000		94.4	70 - 130			
4-Chlorotoluene	46.4	2.5	50.000		92.8	70 - 130			
1,3,5-Trimethylbenzene	53.5	2.5	50.000		107	70 - 130			
tert-Butylbenzene	47.8	2.5	50.000		95.6	70 - 130			
1,2,4-Trimethylbenzene	54.0	2.5	50.000		108	70 - 130			
sec-Butylbenzene	50.3	2.5	50.000		101	70 - 130			
1,3-Dichlorobenzene	48.5	2.5	50.000		96.9	70 - 130			
4-Isopropyltoluene	50.8	2.5	50.000		102	70 - 130			
1,4-Dichlorobenzene	48.3	2.5	50.000		96.6	70 - 130			
1,2-Dichlorobenzene	46.6	2.5	50.000		93.3	70 - 130			
n-Butylbenzene	51.8	2.5	50.000		104	70 - 130			
1,2-Dibromo-3-Chloropropane	46.5	2.5	50.000		93.0	70 - 130			
1,2,4-Trichlorobenzene	50.9	2.5	50.000		102	70 - 130			
Hexachlorobutadiene	47.8	2.5	50.000		95.5	70 - 130			
Naphthalene	45.7	2.5	50.000		91.3	70 - 130			
1,2,3-Trichlorobenzene	48.6	2.5	50.000		97.1	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*95.1*	*70 - 130*			
Surrogate: Toluene-d8					*101*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*113*	*70 - 130*			

CET #:4020142
Project: UConn New Science & Engineering Bldg
Project Number: 36190-000

Batch B4B1303 - EPA 6010C

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1303-BLK1)					Prepared: 2/13/2014 Analyzed: 2/13/2014				
Lead	ND	2.0							
Selenium	ND	1.0							
Cadmium	ND	0.50							
Chromium	ND	2.0							
Arsenic	ND	1.0							
Barium	ND	2.0							
Silver	ND	2.0							
LCS (B4B1303-BS1)					Prepared: 2/13/2014 Analyzed: 2/13/2014				
Lead	25.9	2.0	25.000		103	80 - 120			
Selenium	44.4	1.0	50.000		88.9	80 - 120			
Cadmium	22.9	0.50	25.000		91.7	80 - 120			
Chromium	24.6	2.0	25.000		98.4	80 - 120			
Arsenic	22.7	1.0	25.000		90.7	80 - 120			
Barium	24.9	2.0	25.000		99.4	80 - 120			
Silver	4.94	2.0	5.000		98.8	80 - 120			
Duplicate (B4B1303-DUP1)		**Source: 4020142-03**			Prepared: 2/13/2014 Analyzed: 2/13/2014				
Lead	3.66	2.2		3.83			4.70	35	
Selenium	ND	1.1		ND				35	
Cadmium	ND	0.54		ND				35	
Chromium	19.1	2.2		22.1			14.4	35	
Arsenic	1.51	1.1		1.48			2.25	35	
Barium	38.9	2.2		42.8			9.64	35	
Silver	ND	2.2		ND				35	
Matrix Spike (B4B1303-MS1)		**Source: 4020142-03**			Prepared: 2/13/2014 Analyzed: 2/13/2014				
Lead	31.1	2.2	27.126	3.83	100	75 - 125			
Selenium	45.1	1.1	54.252	ND	83.2	75 - 125			
Cadmium	22.4	0.54	27.126	ND	82.5	75 - 125			
Chromium	48.7	2.2	27.126	22.1	98.0	75 - 125			
Arsenic	24.3	1.1	27.126	1.48	84.0	75 - 125			
Barium	68.2	2.2	27.126	42.8	93.6	75 - 125			
Silver	5.39	2.2	5.425	ND	99.3	75 - 125			
Matrix Spike Dup (B4B1303-MSD1)		**Source: 4020142-03**			Prepared: 2/13/2014 Analyzed: 2/13/2014				
Lead	31.0	2.2	27.126	3.83	100	75 - 125	0.245	35	
Selenium	45.0	1.1	54.252	ND	82.9	75 - 125	0.337	35	
Cadmium	22.4	0.54	27.126	ND	82.4	75 - 125	0.0485	35	
Chromium	46.3	2.2	27.126	22.1	89.2	75 - 125	5.07	35	
Arsenic	24.2	1.1	27.126	1.48	83.9	75 - 125	0.179	35	
Barium	63.2	2.2	27.126	42.8	75.1	75 - 125	7.65	35	
Silver	5.21	2.2	5.425	ND	96.0	75 - 125	3.36	35	

CET #:4020142
Project: UConn New Science & Engineering Bldg
Project Number: 36190-000

Batch B4B1305 - EPA 7471B

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1305-BLK1)					Prepared: 2/13/2014 Analyzed: 2/13/2014				
Mercury	ND	0.20							
LCS (B4B1305-BS1)					Prepared: 2/13/2014 Analyzed: 2/13/2014				
Mercury	0.763	0.20	0.833		91.6	80 - 120			

CET #:4020142
Project: UConn New Science & Engineering Bldg
Project Number: 36190-000

Batch B4B1308 - EPA 8082A

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1308-BLK1)					Prepared: 2/13/2014 Analyzed: 2/14/2014				
PCB-1016	ND	0.20							
PCB-1221	ND	0.20							
PCB-1232	ND	0.20							
PCB-1242	ND	0.20							
PCB-1248	ND	0.20							
PCB-1254	ND	0.20							
PCB-1260	ND	0.20							
PCB-1268	ND	0.20							
Surrogate: TCMX					*93.9*	*50 - 150*			
Surrogate: DCB					*90.2*	*50 - 150*			
LCS (B4B1308-BS1)					Prepared: 2/13/2014 Analyzed: 2/14/2014				
PCB-1016	0.987	0.20	1.000		98.7	40 - 140			
PCB-1260	0.985	0.20	1.000		98.5	40 - 140			
Surrogate: TCMX					*97.2*	*50 - 150*			
Surrogate: DCB					*92.7*	*50 - 150*			
Duplicate (B4B1308-DUP1)		**Source: 4020142-03**			Prepared: 2/13/2014 Analyzed: 2/14/2014				
PCB-1016	ND	0.22		ND				50	
PCB-1221	ND	0.22		ND				50	
PCB-1232	ND	0.22		ND				50	
PCB-1242	ND	0.22		ND				50	
PCB-1248	ND	0.22		ND				50	
PCB-1254	ND	0.22		ND				50	
PCB-1260	ND	0.22		ND				50	
PCB-1268	ND	0.22		ND				50	
Surrogate: TCMX					*91.5*	*50 - 150*			
Surrogate: DCB					*76.4*	*50 - 150*			
Matrix Spike (B4B1308-MS1)		**Source: 4020142-03**			Prepared: 2/13/2014 Analyzed: 2/14/2014				
PCB-1016	1.16	0.22	1.085	ND	107	50 - 150			
PCB-1260	1.18	0.22	1.085	ND	109	50 - 150			
Surrogate: TCMX					*97.5*	*50 - 150*			
Surrogate: DCB					*88.3*	*50 - 150*			

Batch B4B1406 - SM 4500-H B

Analyte	Result (pH Units)	RL (pH Units)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1406-BLK1)						Prepared: 2/13/2014 Analyzed: 2/13/2014			
pH	6.20								

CET #:4020142
Project: UConn New Science & Engineering Bldg
Project Number: 36190-000

Batch B4B1407 - CT-ETPH

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1407-BLK1)					Prepared: 2/14/2014 Analyzed: 2/14/2014				
ETPH	ND	50							
Surrogate: Octacosane					*80.5*	*50 - 150*			
LCS (B4B1407-BS1)					Prepared: 2/14/2014 Analyzed: 2/14/2014				
ETPH	1380	50	1,500.000		91.7	60 - 120			
Surrogate: Octacosane					*88.7*	*50 - 150*			
Duplicate (B4B1407-DUP1)		**Source: 4020142-01**			Prepared: 2/14/2014 Analyzed: 2/17/2014				
ETPH	ND	61		ND				30	
Surrogate: Octacosane					*94.2*	*50 - 150*			
Matrix Spike (B4B1407-MS1)		**Source: 4020142-01**			Prepared: 2/14/2014 Analyzed: 2/14/2014				
ETPH	1800	61	1,838.942	ND	98.0	50 - 150			
Surrogate: Octacosane					*102*	*50 - 150*			
Matrix Spike Dup (B4B1407-MSD1)		**Source: 4020142-01**			Prepared: 2/14/2014 Analyzed: 2/14/2014				
ETPH	1740	61	1,838.942	ND	94.7	50 - 150	3.46	30	
Surrogate: Octacosane					*102*	*50 - 150*			

Batch B4B1429 - EPA 8270D

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1429-BLK1)					Prepared: 2/14/2014 Analyzed: 2/17/2014				
Phenol	ND	300							
1,3-Dichlorobenzene	ND	300							
n-Nitroso-di-n-propylamine	ND	300							
Pyridine	ND	300							
n-Nitroso-dimethylamine	ND	300							
bis(2-Chloroethyl)ether	ND	300							
Aniline	ND	300							
2-Chlorophenol	ND	300							
1,4-Dichlorobenzene	ND	300							
Benzyl Alcohol	ND	300							
1,2-Dichlorobenzene	ND	300							
bis(2-Chloroisopropyl)ether	ND	300							
Hexachloroethane	ND	300							
2-Methyl Phenol	ND	300							
3+4 Methyl Phenol	ND	300							
Naphthalene	ND	300							
2-Nitrophenol	ND	300							
2,4-Dichlorophenol	ND	300							
Hexachlorobutadiene	ND	300							
4-Chloro-3-methylphenol	ND	300							
Nitrobenzene	ND	300							
Isophorone	ND	300							
2,4-Dimethylphenol	ND	300							
bis(2-Chloroethoxy)methane	ND	300							
Benzoic Acid	ND	300							
1,2,4-Trichlorobenzene	ND	300							
2,6-Dichlorophenol	ND	300							
4-Chloroaniline	ND	300							
1,2,4,5-Tetrachlorobenzene	ND	300							
2-Methyl Naphthalene	ND	300							
Acenaphthylene	ND	300							
Acenaphthene	ND	300							
Dibenzofuran	ND	300							
Fluorene	ND	300							
Hexachlorocyclopentadiene	ND	300							
2,4,6-Trichlorophenol	ND	300							
2,4,5-Trichlorophenol	ND	300							
2,4-Dinitrophenol	ND	300							
4-Nitrophenol	ND	300							
2-Chloronaphthalene	ND	300							
2-Nitroaniline	ND	300							
Dimethylphthalate	ND	300							
2,6-Dinitrotoluene	ND	300							
4-Nitroaniline	ND	300							
2,4-Dinitrotoluene	ND	300							
2,3,4,6-Tetrachlorophenol	ND	300							
4-Chlorophenyl-phenylether	ND	300							
Diethylphthalate	ND	300							
Phenanthrene	ND	300							
Anthracene	ND	300							
Carbazole	ND	300							
Fluoranthene	ND	300							

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1429-BLK1) - Continued					Prepared: 2/14/2014 Analyzed: 2/17/2014				
Pyrene	ND	300							
n-Nitrosodiphenylamine	ND	300							
Pentachlorophenol	ND	300							
3-Nitroaniline	ND	300							
4,6-Dinitro-2-methylphenol	ND	300							
1,2-Diphenylhydrazine	ND	300							
4-Bromophenyl-phenylether	ND	300							
Hexachlorobenzene	ND	300							
Di-n-butylphthalate	ND	300							
Pentachloronitrobenzene	ND	300							
Benzo[a]anthracene	ND	300							
Chrysene	ND	300							
Butylbenzylphthalate	ND	300							
3,3-Dichlorobenzidine	ND	300							
bis(2-Ethylhexyl)phthalate	ND	300							
Di-n-octylphthalate	ND	300							
Benzo[b]fluoranthene	ND	300							
Benzo[k]fluoranthene	ND	300							
Benzo[a]pyrene	ND	300							
Indeno[1,2,3-cd]pyrene	ND	300							
Dibenz[a,h]anthracene	ND	300							
Benzo[g,h,i]perylene	ND	300							
Surrogate: 2-Fluorophenol					*67.5*	*30 - 130*			
Surrogate: Phenol-d6					*68.1*	*30 - 130*			
Surrogate: Nitrobenzene-d5					*68.8*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*70.0*	*30 - 130*			
Surrogate: 2,4,6-Tribromophenol					*66.6*	*30 - 130*			
Surrogate: Terphenyl-d14					*71.9*	*30 - 130*			
LCS (B4B1429-BS1)					Prepared: 2/14/2014 Analyzed: 2/17/2014				
Phenol	2690	300	4,000.000		67.2	30 - 130			
1,3-Dichlorobenzene	2390	300	4,000.000		59.6	40 - 140			
n-Nitroso-di-n-propylamine	2550	300	4,000.000		63.7	40 - 140			
Pyridine	1650	300	4,000.000		41.1	40 - 140			
n-Nitroso-dimethylamine	2260	300	4,000.000		56.6	40 - 140			
bis(2-Chloroethyl)ether	2410	300	4,000.000		60.3	40 - 140			
Aniline	1690	300	4,000.000		42.2	40 - 140			
2-Chlorophenol	2590	300	4,000.000		64.8	30 - 130			
1,4-Dichlorobenzene	2460	300	4,000.000		61.6	40 - 140			
Benzyl Alcohol	2600	300	4,000.000		65.0	30 - 130			
1,2-Dichlorobenzene	2510	300	4,000.000		62.7	40 - 140			
bis(2-Chloroisopropyl)ether	2610	300	4,000.000		65.2	40 - 140			
Hexachloroethane	2620	300	4,000.000		65.4	40 - 140			
2-Methyl Phenol	2530	300	4,000.000		63.3	30 - 130			
3+4 Methyl Phenol	2990	300	4,000.000		74.8	30 - 130			
Naphthalene	2690	300	4,000.000		67.4	40 - 140			
2-Nitrophenol	2500	300	4,000.000		62.4	30 - 130			
2,4-Dichlorophenol	2770	300	4,000.000		69.3	30 - 130			
Hexachlorobutadiene	2750	300	4,000.000		68.8	40 - 140			
4-Chloro-3-methylphenol	2410	300	4,000.000		60.3	30 - 130			
Nitrobenzene	2620	300	4,000.000		65.5	40 - 140			
Isophorone	2580	300	4,000.000		64.6	40 - 140			
2,4-Dimethylphenol	1700	300	4,000.000		42.5	30 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B4B1429-BS1) - Continued					Prepared: 2/14/2014 Analyzed: 2/17/2014				
bis(2-Chloroethoxy)methane	2480	300	4,000.000		62.0	40 - 140			
Benzoic Acid	1720	300	4,000.000		43.0	30 - 130			
1,2,4-Trichlorobenzene	2700	300	4,000.000		67.4	40 - 140			
2,6-Dichlorophenol	2450	300	4,000.000		61.3	30 - 130			
4-Chloroaniline	2120	300	4,000.000		53.1	40 - 140			
1,2,4,5-Tetrachlorobenzene	2850	300	4,000.000		71.3	40 - 140			
2-Methyl Naphthalene	3150	300	4,000.000		78.7	40 - 140			
Acenaphthylene	2580	300	4,000.000		64.6	40 - 140			
Acenaphthene	2860	300	4,000.000		71.4	40 - 140			
Dibenzofuran	3100	300	4,000.000		77.4	40 - 140			
Fluorene	2930	300	4,000.000		73.3	40 - 140			
Hexachlorocyclopentadiene	3090	300	4,000.000		77.3	40 - 140			
2,4,6-Trichlorophenol	2320	300	4,000.000		57.9	30 - 130			
2,4,5-Trichlorophenol	3150	300	4,000.000		78.9	30 - 130			
2,4-Dinitrophenol	1940	300	4,000.000		48.5	30 - 130			
4-Nitrophenol	2870	300	4,000.000		71.8	30 - 130			
2-Chloronaphthalene	3060	300	4,000.000		76.5	40 - 140			
2-Nitroaniline	2910	300	4,000.000		72.8	40 - 140			
Dimethylphthalate	2790	300	4,000.000		69.6	40 - 140			
2,6-Dinitrotoluene	2600	300	4,000.000		65.0	40 - 140			
4-Nitroaniline	2840	300	4,000.000		71.0	40 - 140			
2,4-Dinitrotoluene	2960	300	4,000.000		73.9	40 - 140			
2,3,4,6-Tetrachlorophenol	2930	300	4,000.000		73.3	30 - 130			
4-Chlorophenyl-phenylether	2840	300	4,000.000		71.0	40 - 140			
Diethylphthalate	3080	300	4,000.000		77.1	40 - 140			
Phenanthrene	2970	300	4,000.000		74.2	40 - 140			
Anthracene	2820	300	4,000.000		70.5	40 - 140			
Carbazole	3440	300	4,000.000		86.1	40 - 140			
Fluoranthene	2820	300	4,000.000		70.4	40 - 140			
Pyrene	2830	300	4,000.000		70.7	40 - 140			
n-Nitrosodiphenylamine	2700	300	4,000.000		67.6	40 - 140			
Pentachlorophenol	2300	300	4,000.000		57.5	30 - 130			
3-Nitroaniline	2580	300	4,000.000		64.5	40 - 140			
4,6-Dinitro-2-methylphenol	2270	300	4,000.000		56.8	30 - 130			
1,2-Diphenylhydrazine	2980	300	4,000.000		74.4	40 - 140			
4-Bromophenyl-phenylether	2860	300	4,000.000		71.6	40 - 140			
Hexachlorobenzene	2980	300	4,000.000		74.5	40 - 140			
Di-n-butylphthalate	2840	300	4,000.000		71.0	40 - 140			
Pentachloronitrobenzene	2950	300	4,000.000		73.8	40 - 140			
Benzo[a]anthracene	2880	300	4,000.000		72.1	40 - 140			
Chrysene	2970	300	4,000.000		74.2	40 - 140			
Butylbenzylphthalate	2870	300	4,000.000		71.7	40 - 140			
3,3-Dichlorobenzidine	2990	300	4,000.000		74.8	40 - 140			
bis(2-Ethylhexyl)phthalate	3060	300	4,000.000		76.6	40 - 140			
Di-n-octylphthalate	2890	300	4,000.000		72.2	40 - 140			
Benzo[b]fluoranthene	3100	300	4,000.000		77.4	40 - 140			
Benzo[k]fluoranthene	4040	300	4,000.000		101	40 - 140			
Benzo[a]pyrene	3480	300	4,000.000		86.9	40 - 140			
Indeno[1,2,3-cd]pyrene	4370	300	4,000.000		109	40 - 140			
Dibenz[a,h]anthracene	4260	300	4,000.000		106	40 - 140			
Benzo[g,h,i]perylene	4850	300	4,000.000		121	40 - 140			
Surrogate: 2-Fluorophenol					*62.9*	*30 - 130*			
Surrogate: Phenol-d6					*69.0*	*30 - 130*			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B4B1429-BS1) - Continued					Prepared: 2/14/2014 Analyzed: 2/17/2014				
Surrogate: Nitrobenzene-d5					*65.4*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*71.1*	*30 - 130*			
Surrogate: 2,4,6-Tribromophenol					*77.8*	*30 - 130*			
Surrogate: Terphenyl-d14					*73.4*	*30 - 130*			

CET #:4020142
Project: UConn New Science & Engineering Bldg
Project Number: 36190-000

Batch B4B1431 - EPA 376.1

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1431-BLK1)					Prepared: 2/14/2014 Analyzed: 2/14/2014				
Reactive Sulfide	ND	20							

CET #:4020142
Project: UConn New Science & Engineering Bldg
Project Number: 36190-000

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1431-BLK1)						Prepared: 2/14/2014 Analyzed: 2/14/2014			
Reactive Cyanide	ND	5.0							

CASE NARRATIVE

Revision: Original report dated 2/19/14; Revised client sample IDs for all samples per client request.

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:

ND is None Detected at the specified detection limit
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.
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 Homogenity may be a problem.
All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.
Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (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 Recovery	The % recovery for non-tarer 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.
ND	Not detected
RL	Reporting Limit
Dilution	Multiplier added 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.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte foun in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the 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 PH0116
Massachussets Laboratory Certification M-CT903
Rhode Island Certification 199

New York Certification 11982
Florida Laboratory Certification E871064

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** Haley & Aldrich

Project Location: UConn New Science & Engineering Bldg ***Project Number:*** 36190-000

Laboratory Sample ID(s): ***Sample Date(s):***

4020142-01 thru 4020142-03 02/07/2014, 02/10/2014

List RCP Methods Used: ***CET #:*** 4020142

CT-ETPH, EPA 1010A, EPA 160.3 modified, EPA 376.1, EPA 6010C, EPA 7471B, EPA 8082A, EPA 8260C, EPA 8270D, SM 4500-H B, SW 846 Ch. 7

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 CTDEP 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 and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
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 (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5a	a) Were reporting limits specified or referenced on the chain-of-custody?	☐ Yes ☑ No
5b	b) Were these reporting limits met?	☐ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all consituents identified in the mehod-specific analyte lists preented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project specific matrix spikes and laboratory duplicates included with this data set?	☑ Yes ☐ No

Notes: 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."
This form may not be altered and all questions must be answered.

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 providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: **Position:** **Laboratory Director**

Printed Name: **David Ditta** **Date:** **02/19/2014**

Name of Laboratory: **Complete Environmental Testing, Inc.**

This certification form is to be used for RCP methods only.

RCP Case Narrative

4- See Exceptions Report Below

6- The client requested a subset of the RCP Metals list.

4- Exceptions Report

Analyte	QC Type	Exception	Result	RPD	Recovery (%)	Batch/Sample ID
Chloromethane	LCS	Low			62.0	B4B1227
Dichlorodifluoromethane	LCS	Low			42.9	B4B1227
Trichlorofluoromethane	LCS	High			136	B4B1227
Trichlorotrifluoroethane	LCS	High			142	B4B1227

QC Batch Report

Batch Number	CET ID	Sample ID	Specific Method	Matrix	Collection Date
B4B1407	4020142-01	B6S1 0-2ft	CT-ETPH	Soil	02/07/2014
B4B1407	4020142-02	BllbN 15-17ft	CT-ETPH	Soil	02/10/2014
B4B1407	4020142-03	Bllbf 0-2ft	CT-ETPH	Soil	02/10/2014
B4B1306	4020142-01	B6S1 0-2ft	EPA 1010A	Soil	02/07/2014
B4B1306	4020142-02	BllbN 15-17ft	EPA 1010A	Soil	02/10/2014
B4B1306	4020142-03	Bllbf 0-2ft	EPA 1010A	Soil	02/10/2014
B4B1431	4020142-01	B6S1 0-2ft	EPA 376.1	Soil	02/07/2014
B4B1431	4020142-02	BllbN 15-17ft	EPA 376.1	Soil	02/10/2014
B4B1431	4020142-03	Bllbf 0-2ft	EPA 376.1	Soil	02/10/2014
B4B1303	4020142-01	B6S1 0-2ft	EPA 6010C	Soil	02/07/2014
B4B1303	4020142-02	BllbN 15-17ft	EPA 6010C	Soil	02/10/2014
B4B1303	4020142-03	Bllbf 0-2ft	EPA 6010C	Soil	02/10/2014
B4B1305	4020142-01	B6S1 0-2ft	EPA 7471B	Soil	02/07/2014
B4B1305	4020142-02	BllbN 15-17ft	EPA 7471B	Soil	02/10/2014
B4B1305	4020142-03	Bllbf 0-2ft	EPA 7471B	Soil	02/10/2014
B4B1308	4020142-01	B6S1 0-2ft	EPA 8082A	Soil	02/07/2014
B4B1308	4020142-02	BllbN 15-17ft	EPA 8082A	Soil	02/10/2014
B4B1308	4020142-03	Bllbf 0-2ft	EPA 8082A	Soil	02/10/2014
B4B1227	4020142-01	B6S1 0-2ft	EPA 8260C	Soil	02/07/2014
B4B1227	4020142-02	BllbN 15-17ft	EPA 8260C	Soil	02/10/2014
B4B1227	4020142-03	Bllbf 0-2ft	EPA 8260C	Soil	02/10/2014
B4B1429	4020142-01	B6S1 0-2ft	EPA 8270D	Soil	02/07/2014
B4B1429	4020142-02	BllbN 15-17ft	EPA 8270D	Soil	02/10/2014
B4B1429	4020142-03	Bllbf 0-2ft	EPA 8270D	Soil	02/10/2014
B4B1406	4020142-01	B6S1 0-2ft	SM 4500-H B	Soil	02/07/2014
B4B1406	4020142-02	BllbN 15-17ft	SM 4500-H B	Soil	02/10/2014
B4B1406	4020142-03	Bllbf 0-2ft	SM 4500-H B	Soil	02/10/2014
B4B1431	4020142-01	B6S1 0-2ft	SW 846 Ch. 7	Soil	02/07/2014
B4B1431	4020142-02	BllbN 15-17ft	SW 846 Ch. 7	Soil	02/10/2014
B4B1431	4020142-03	Bllbf 0-2ft	SW 846 Ch. 7	Soil	02/10/2014

HALEY & ALDRICH

4020142

CHAIN OF CUSTODY RECORD

Phone 860-282-9400
Fax 860-721-0612

H&A FILE NO.	36190-000	LABORATORY	CET	DELIVERY DATE	02/11/2014
PROJECT NAME	New Science & Engineering Building	ADDRESS	Stratford, CT	TURNAROUND TIME	*Normal*
H&A CONTACT	Jen Buchanon jbuchanon@haleyaldrich.com	CONTACT	Tim or Dave	PROJECT MANAGER	T. Crowl / J. Difini

Analysis Requested

Sample No.	Date	Time	Depth (feet)	Type (Soil)	1 VOCs by 8260	2 SVOCs by 8270	3 PCBs by 8082	4 TPH by CTETPH Method	5 RCRA 8 Metals	6 pH, flashpoint, reactive cyanide, reactive sulfide						Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)
B6S1	02/07/14	1:45	0-2'	Soil	X	X	X	X	X	X						4	
B11bN	02/10/14	9:30	15-17'	Soil	X	X	X	X	X	X						4	
B11bf	02/10/14	9:30	0-2'	Soil	X	X	X	X	X	X						4	

	LIQUID												
VOA Vial													
Amber Glass													
Plastic Bottle													
Preservative													
Volume													

	SOLID												
VOA Vial	X												
Amber Glass													
Clear Glass		X	X	X	X	X							
Preservative		A	A	A	A	A							
Volume	40 ml	8oz	8oz	8oz	8oz	8oz							

Sampling Comments

Adhere to CT PMC and RDEC.

Use CTDEEP RCPs.

CET freezer 2/11/14 1700

Evidence samples were tampered with? YES NO

If YES, please explain in section below.

4.7°

Sampled and Relinquished by	Received by
Sign [signature]	Sign [signature]
Print Bonnie R Govoni	Print Robert Pergamon
Firm Haley & Aldrich, Inc.	Firm CET
Date 02/11/14 Time 12:45	Date 2-11-14 Time 1245

Relinquished by	Received by
Sign [signature]	Sign [signature]
Print Robert Pergamon	Print
Firm CET	Firm
Date 2-11-14 Time 1615	Date 2/11/14 Time 1615

Relinquished by	Received by
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

PRESERVATION KEY

A Sample chilled	C NaOH	E H_2SO_4	G Methanol
B Sample filtered	D HNO_3	F HCL	H Sodium Bisulfate

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Ms. Jen Buchanon
Haley & Aldrich
100 Corporate Place, Suite 105
Rocky Hill, CT 06067-1803

Analytical Report

CET# 4020134

Report Date: February 20, 2014
Project: UConn New Science & Engineering Bldg
Project Number: 36190-000

Connecticut Laboratory Certificate: PH 0116
Massachussetts laboratory Certificate.: M-CT903
Rhode Island Certification: 199

New York Certification: 11982
Florida Laboratory Certification: E871064

SAMPLE SUMMARY

The sample(s) were received at 4.7°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
B9 OW 20ft	4020134-01	Water	2/10/2014 16:30	02/11/2014

Analyte: pH [SM 4500-H B] **Analyst: DH**

Matrix: Water

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4020134-01	B9 OW 20ft	**6.41**	NA	pH Units	1	B4B1302	02/12/2014	02/12/2014 16:38	

Analyte: Mercury [EPA 7470A] **Analyst: MS**

Matrix: Water

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4020134-01	B9 OW 20ft	ND	0.00040	mg/L	1	B4B1420	02/14/2014	02/14/2014 16:04	

Client Sample ID B9 OW 20ft
Lab ID: 4020134-01

Total Metals **Analyst: SS**

Method: EPA 200.7 **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	ND	0.013	1	EPA 3005A	B4B1421	02/14/2014	02/14/2014 17:33	
Selenium	ND	0.010	1	EPA 3005A	B4B1421	02/14/2014	02/14/2014 17:33	
Cadmium	ND	0.0050	1	EPA 3005A	B4B1421	02/14/2014	02/14/2014 17:33	
Chromium	ND	0.050	1	EPA 3005A	B4B1421	02/14/2014	02/14/2014 17:33	
Arsenic	ND	0.0040	1	EPA 3005A	B4B1421	02/14/2014	02/14/2014 17:33	
Barium	**0.41**	0.050	1	EPA 3005A	B4B1421	02/14/2014	02/14/2014 17:33	
Silver	ND	0.012	1	EPA 3005A	B4B1421	02/14/2014	02/14/2014 17:33	

Conn. Extractable TPH **Analyst: HE**

Method: CT-ETPH **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	B4B1219	02/12/2014	02/12/2014 21:10	
Surrogate: Octacosane	*86.5 %*		*50 - 150*		B4B1219	02/12/2014	*02/12/2014 21:10*	

PCBs by ASE **Analyst: SJ**

Method: EPA 8082A **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.20	0.001	EPA 3510C	B4B1401	02/14/2014	02/15/2014 01:43	
PCB-1221	ND	0.20	0.001	EPA 3510C	B4B1401	02/14/2014	02/15/2014 01:43	
PCB-1232	ND	0.20	0.001	EPA 3510C	B4B1401	02/14/2014	02/15/2014 01:43	
PCB-1242	ND	0.20	0.001	EPA 3510C	B4B1401	02/14/2014	02/15/2014 01:43	
PCB-1248	ND	0.20	0.001	EPA 3510C	B4B1401	02/14/2014	02/15/2014 01:43	
PCB-1254	ND	0.20	0.001	EPA 3510C	B4B1401	02/14/2014	02/15/2014 01:43	
PCB-1260	ND	0.20	0.001	EPA 3510C	B4B1401	02/14/2014	02/15/2014 01:43	
PCB-1268	ND	0.20	0.001	EPA 3510C	B4B1401	02/14/2014	02/15/2014 01:43	
Surrogate: TCMX	*83.0 %*		*50 - 150*		B4B1401	02/14/2014	*02/15/2014 01:43*	
Surrogate: DCB	*115 %*		*50 - 150*		B4B1401	02/14/2014	*02/15/2014 01:43*	

Client Sample ID B9 OW 20ft
Lab ID: 4020134-01

Semivolatile Organics **Analyst: ALB**

Method: EPA 8270D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
1,3-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
n-Nitroso-di-n-propylamine	ND	10	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Pyridine	ND	4.0	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
n-Nitroso-dimethylamine	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
bis(2-Chloroethyl)ether	ND	10	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Aniline	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
2-Chlorophenol	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
1,4-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Benzyl Alcohol	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
1,2-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
bis(2-Chloroisopropyl)ether	ND	10	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Hexachloroethane	ND	3.0	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
2-Methyl Phenol	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
3+4 Methyl Phenol	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Naphthalene	ND	1.0	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
2-Nitrophenol	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
2,4-Dichlorophenol	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Hexachlorobutadiene	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
4-Chloro-3-methylphenol	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Nitrobenzene	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Isophorone	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
2,4-Dimethylphenol	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
bis(2-Chloroethoxy)methane	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Benzoic Acid	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
1,2,4-Trichlorobenzene	ND	5.0	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
2,6-Dichlorophenol	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
4-Chloroaniline	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
1,2,4,5-Tetrachlorobenzene	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Acenaphthylene	ND	0.30	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Acenaphthene	ND	1.0	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Dibenzofuran	ND	1.0	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Fluorene	ND	1.0	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Hexachlorocyclopentadiene	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
2,4,6-Trichlorophenol	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
2,4,5-Trichlorophenol	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	

Client Sample ID B9 OW 20ft
Lab ID: 4020134-01

Semivolatile Organics **Analyst: ALB**

Method: EPA 8270D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,4-Dinitrophenol	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
4-Nitrophenol	ND	75	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
2-Chloronaphthalene	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
2-Nitroaniline	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Dimethylphthalate	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
2,6-Dinitrotoluene	ND	75	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
4-Nitroaniline	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
2,4-Dinitrotoluene	ND	75	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
2,3,4,6-Tetrachlorophenol	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
4-Chlorophenyl-phenylether	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Diethylphthalate	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Phenanthrene	ND	0.077	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Anthracene	ND	1.0	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Carbazole	ND	1.0	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Fluoranthene	ND	1.0	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Pyrene	ND	1.0	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
n-Nitrosodiphenylamine	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Pentachlorophenol	ND	1.0	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
3-Nitroaniline	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
4,6-Dinitro-2-methylphenol	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
1,2-Diphenylhydrazine	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
4-Bromophenyl-phenylether	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Hexachlorobenzene	ND	0.077	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Pentachloronitrobenzene	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Di-n-butylphthalate	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Chrysene	ND	1.0	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Butylbenzylphthalate	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
3,3-Dichlorobenzidine	ND	75	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
bis(2-Ethylhexyl)phthalate	ND	2.0	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Di-n-octylphthalate	ND	20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Indeno[1,2,3-cd]pyrene	ND	0.20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Dibenz[a,h]anthracene	ND	0.20	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Benzo[g,h,i]perylene	ND	1.0	1	EPA 3510C	B4B1404	02/14/2014	02/17/2014 18:03	
Surrogate: 2-Fluorophenol	*37.7 %*	*15 - 110*			B4B1404	02/14/2014	*02/17/2014 18:03*	

Client Sample ID B9 OW 20ft
Lab ID: 4020134-01

Semivolatile Organics **Analyst: ALB**

Method: EPA 8270D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: Phenol-d6	*21.9 %*		*15 - 110*		B4B1404	02/14/2014	*02/17/2014 18:03*	
Surrogate: Nitrobenzene-d5	*73.4 %*		*30 - 130*		B4B1404	02/14/2014	*02/17/2014 18:03*	
Surrogate: 2-Fluorobiphenyl	*73.3 %*		*30 - 130*		B4B1404	02/14/2014	*02/17/2014 18:03*	
Surrogate: 2,4,6-Tribromophenol	*91.4 %*		*15 - 110*		B4B1404	02/14/2014	*02/17/2014 18:03*	
Surrogate: Terphenyl-d14	*69.6 %*		*30 - 130*		B4B1404	02/14/2014	*02/17/2014 18:03*	

Volatile Organics **Analyst: JS**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Chloromethane	ND	2.7	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Vinyl Chloride	ND	1.6	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Bromomethane	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Chloroethane	ND	5.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Trichlorofluoromethane	ND	25	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Acetone	ND	50	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Acrylonitrile	ND	0.50	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Methylene Chloride	ND	5.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Chloroform	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Tetrahydrofuran	ND	5.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Benzene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	

Client Sample ID B9 OW 20ft
Lab ID: 4020134-01

Volatile Organics **Analyst: JS**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Dibromomethane	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Toluene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
2-Hexanone	ND	25	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Dibromochloromethane	ND	0.50	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Chlorobenzene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Ethylbenzene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
m+p Xylenes	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
o-Xylene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Styrene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Bromoform	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Isopropylbenzene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Bromobenzene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
n-Propylbenzene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	

Client Sample ID B9 OW 20ft
Lab ID: 4020134-01

Volatile Organics **Analyst: JS**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Naphthalene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B4B1220	02/12/2014	02/12/2014 17:52	
Surrogate: 1,2-Dichloroethane-d4	*104 %*		*70 - 130*		B4B1220	02/12/2014	*02/12/2014 17:52*	
Surrogate: Toluene-d8	*98.9 %*		*70 - 130*		B4B1220	02/12/2014	*02/12/2014 17:52*	
Surrogate: 4-Bromofluorobenzene	*97.3 %*		*70 - 130*		B4B1220	02/12/2014	*02/12/2014 17:52*	

QUALITY CONTROL SECTION

Batch B4B1219 - CT-ETPH

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1219-BLK1)					Prepared: 2/12/2014 Analyzed: 2/12/2014				
ETPH	ND	0.10							
Surrogate: Octacosane					*76.6*	*50 - 150*			
LCS (B4B1219-BS1)					Prepared: 2/12/2014 Analyzed: 2/12/2014				
ETPH	3.92	0.10	5.000		78.4	60 - 120			
Surrogate: Octacosane					*80.1*	*50 - 150*			

Batch B4B1220 - EPA 8260C

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1220-BLK1)					Prepared: 2/12/2014 Analyzed: 2/12/2014				
Dichlorodifluoromethane	ND	10							
Chloromethane	ND	2.7							
Vinyl Chloride	ND	1.6							
Bromomethane	ND	1.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	25							
Acetone	ND	50							
Acrylonitrile	ND	0.50							
Trichlorotrifluoroethane	ND	25							
1,1-Dichloroethene	ND	1.0							
Methylene Chloride	ND	5.0							
Carbon Disulfide	ND	1.0							
Methyl-t-Butyl Ether (MTBE)	ND	5.0							
trans-1,2-Dichloroethene	ND	1.0							
1,1-Dichloroethane	ND	1.0							
2-Butanone (MEK)	ND	25							
2,2-Dichloropropane	ND	1.0							
cis-1,2-Dichloroethene	ND	1.0							
Chloroform	ND	1.0							
Tetrahydrofuran	ND	5.0							
1,1,1-Trichloroethane	ND	1.0							
Carbon Tetrachloride	ND	1.0							
1,1-Dichloropropene	ND	1.0							
Benzene	ND	1.0							
1,2-Dichloroethane	ND	1.0							
Trichloroethene	ND	1.0							
1,2-Dichloropropane	ND	1.0							
Dibromomethane	ND	1.0							
Bromodichloromethane	ND	0.50							
Methyl Isobutyl Ketone	ND	25							
cis-1,3-Dichloropropene	ND	0.50							
Toluene	ND	1.0							
trans-1,3-Dichloropropene	ND	0.50							
2-Hexanone	ND	25							
1,1,2-Trichloroethane	ND	1.0							
Tetrachloroethene	ND	1.0							
1,3-Dichloropropane	ND	0.50							
Dibromochloromethane	ND	0.50							
1,2-Dibromoethane	ND	0.50							
trans-1,4-Dichloro-2-Butene	ND	10							
Chlorobenzene	ND	1.0							
1,1,1,2-Tetrachloroethane	ND	1.0							
Ethylbenzene	ND	1.0							
m+p Xylenes	ND	1.0							
o-Xylene	ND	1.0							
Styrene	ND	1.0							
Bromoform	ND	1.0							
Isopropylbenzene	ND	1.0							
1,1,2,2-Tetrachloroethane	ND	0.50							
Bromobenzene	ND	1.0							
1,2,3-Trichloropropane	ND	1.0							
n-Propylbenzene	ND	1.0							

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1220-BLK1) - Continued					Prepared: 2/12/2014 Analyzed: 2/12/2014				
2-Chlorotoluene	ND	1.0							
4-Chlorotoluene	ND	1.0							
1,3,5-Trimethylbenzene	ND	1.0							
tert-Butylbenzene	ND	1.0							
1,2,4-Trimethylbenzene	ND	1.0							
sec-Butylbenzene	ND	1.0							
1,3-Dichlorobenzene	ND	1.0							
4-Isopropyltoluene	ND	1.0							
1,4-Dichlorobenzene	ND	1.0							
1,2-Dichlorobenzene	ND	1.0							
n-Butylbenzene	ND	1.0							
1,2-Dibromo-3-Chloropropane	ND	1.0							
1,2,4-Trichlorobenzene	ND	1.0							
Hexachlorobutadiene	ND	0.45							
Naphthalene	ND	1.0							
1,2,3-Trichlorobenzene	ND	1.0							
Surrogate: 1,2-Dichloroethane-d4					*99.9*	*70 - 130*			
Surrogate: Toluene-d8					*110*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*105*	*70 - 130*			
LCS (B4B1220-BS1)					Prepared: 2/12/2014 Analyzed: 2/12/2014				
Dichlorodifluoromethane	33.3	10	50.000		**66.7**	70 - 130			**L**
Chloromethane	52.8	2.7	50.000		106	70 - 130			
Vinyl Chloride	48.2	1.6	50.000		96.5	70 - 130			
Bromomethane	52.7	1.0	50.000		105	70 - 130			
Chloroethane	52.2	5.0	50.000		104	70 - 130			
Trichlorofluoromethane	48.9	25	50.000		97.9	70 - 130			
Acetone	142	50	100.000		**142**	70 - 130			**H**
Acrylonitrile	42.3	0.50	50.000		84.6	70 - 130			
Trichlorotrifluoroethane	69.8	25	50.000		**140**	70 - 130			**H**
1,1-Dichloroethene	39.2	1.0	50.000		78.3	70 - 130			
Methylene Chloride	37.7	5.0	50.000		75.3	70 - 130			
Carbon Disulfide	45.1	1.0	50.000		90.2	70 - 130			
Methyl-t-Butyl Ether (MTBE)	47.9	5.0	50.000		95.7	70 - 130			
trans-1,2-Dichloroethene	43.7	1.0	50.000		87.4	70 - 130			
1,1-Dichloroethane	45.3	1.0	50.000		90.6	70 - 130			
2-Butanone (MEK)	98.5	25	100.000		98.5	70 - 130			
2,2-Dichloropropane	48.8	1.0	50.000		97.6	70 - 130			
cis-1,2-Dichloroethene	55.6	1.0	50.000		111	70 - 130			
Chloroform	51.4	1.0	50.000		103	70 - 130			
Tetrahydrofuran	53.2	5.0	50.000		106	70 - 130			
1,1,1-Trichloroethane	51.1	1.0	50.000		102	70 - 130			
Carbon Tetrachloride	53.1	1.0	50.000		106	70 - 130			
1,1-Dichloropropene	50.0	1.0	50.000		100	70 - 130			
Benzene	48.6	1.0	50.000		97.2	70 - 130			
1,2-Dichloroethane	53.0	1.0	50.000		106	70 - 130			
Trichloroethene	45.9	1.0	50.000		91.9	70 - 130			
1,2-Dichloropropane	49.4	1.0	50.000		98.7	70 - 130			
Dibromomethane	53.4	1.0	50.000		107	70 - 130			
Bromodichloromethane	52.8	0.50	50.000		106	70 - 130			
Methyl Isobutyl Ketone	111	25	100.000		111	70 - 130			
cis-1,3-Dichloropropene	52.8	0.50	50.000		106	70 - 130			
Toluene	48.6	1.0	50.000		97.2	70 - 130			

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B4B1220-BS1) - Continued					Prepared: 2/12/2014 Analyzed: 2/12/2014				
trans-1,3-Dichloropropene	48.9	0.50	50.000		97.7	70 - 130			
2-Hexanone	114	25	100.000		114	70 - 130			
1,1,2-Trichloroethane	51.3	1.0	50.000		103	70 - 130			
Tetrachloroethene	49.0	1.0	50.000		98.1	70 - 130			
1,3-Dichloropropane	52.3	0.50	50.000		105	70 - 130			
Dibromochloromethane	43.7	0.50	50.000		87.4	70 - 130			
1,2-Dibromoethane	43.9	0.50	50.000		87.7	70 - 130			
trans-1,4-Dichloro-2-Butene	45.1	10	50.000		90.2	70 - 130			
Chlorobenzene	40.9	1.0	50.000		81.7	70 - 130			
1,1,1,2-Tetrachloroethane	42.1	1.0	50.000		84.3	70 - 130			
Ethylbenzene	39.9	1.0	50.000		79.9	70 - 130			
m+p Xylenes	83.0	1.0	100.000		83.0	70 - 130			
o-Xylene	42.4	1.0	50.000		84.8	70 - 130			
Styrene	41.6	1.0	50.000		83.2	70 - 130			
Bromoform	42.4	1.0	50.000		84.8	70 - 130			
Isopropylbenzene	41.9	1.0	50.000		83.9	70 - 130			
1,1,2,2-Tetrachloroethane	45.9	0.50	50.000		91.9	70 - 130			
Bromobenzene	48.0	1.0	50.000		95.9	70 - 130			
1,2,3-Trichloropropane	52.1	1.0	50.000		104	70 - 130			
n-Propylbenzene	48.5	1.0	50.000		97.0	70 - 130			
2-Chlorotoluene	48.6	1.0	50.000		97.2	70 - 130			
4-Chlorotoluene	46.5	1.0	50.000		93.1	70 - 130			
1,3,5-Trimethylbenzene	49.2	1.0	50.000		98.4	70 - 130			
tert-Butylbenzene	49.6	1.0	50.000		99.1	70 - 130			
1,2,4-Trimethylbenzene	49.1	1.0	50.000		98.3	70 - 130			
sec-Butylbenzene	48.8	1.0	50.000		97.5	70 - 130			
1,3-Dichlorobenzene	48.2	1.0	50.000		96.5	70 - 130			
4-Isopropyltoluene	49.6	1.0	50.000		99.2	70 - 130			
1,4-Dichlorobenzene	48.1	1.0	50.000		96.1	70 - 130			
1,2-Dichlorobenzene	49.8	1.0	50.000		99.7	70 - 130			
n-Butylbenzene	48.3	1.0	50.000		96.7	70 - 130			
1,2-Dibromo-3-Chloropropane	56.0	1.0	50.000		112	70 - 130			
1,2,4-Trichlorobenzene	56.1	1.0	50.000		112	70 - 130			
Hexachlorobutadiene	48.2	0.45	50.000		96.4	70 - 130			
Naphthalene	71.5	1.0	50.000		**143**	70 - 130			**H**
1,2,3-Trichlorobenzene	71.8	1.0	50.000		**144**	70 - 130			**H**
Surrogate: 1,2-Dichloroethane-d4					*101*	*70 - 130*			
Surrogate: Toluene-d8					*101*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*84.6*	*70 - 130*			

CET #:4020134
Project: UConn New Science & Engineering Bldg
Project Number: 36190-000

Batch B4B1302 - SM 4500-H B

Analyte	Result (pH Units)	RL (pH Units)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1302-BLK1)					Prepared: 2/12/2014 Analyzed: 2/12/2014				
pH	6.13								

CET #:4020134
Project: UConn New Science & Engineering Bldg
Project Number: 36190-000

Batch B4B1401 - EPA 8082A

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1401-BLK1)					Prepared: 2/14/2014 Analyzed: 2/14/2014				
PCB-1016	ND	0.20							
PCB-1221	ND	0.20							
PCB-1232	ND	0.20							
PCB-1242	ND	0.20							
PCB-1248	ND	0.20							
PCB-1254	ND	0.20							
PCB-1260	ND	0.20							
PCB-1268	ND	0.20							
Surrogate: TCMX					*96.0*	*50 - 150*			
Surrogate: DCB					*78.0*	*50 - 150*			
LCS (B4B1401-BS1)					Prepared: 2/14/2014 Analyzed: 2/14/2014				
PCB-1016	1.01	0.20	1.000		101	40 - 140			
PCB-1260	1.06	0.20	1.000		106	40 - 140			
Surrogate: TCMX					*87.0*	*50 - 150*			
Surrogate: DCB					*81.0*	*50 - 150*			

Batch B4B1404 - EPA 8270D

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1404-BLK1)					Prepared: 2/14/2014 Analyzed: 2/17/2014				
Phenol	ND	20							
1,3-Dichlorobenzene	ND	5.0							
n-Nitroso-di-n-propylamine	ND	10							
Pyridine	ND	4.0							
n-Nitroso-dimethylamine	ND	20							
bis(2-Chloroethyl)ether	ND	10							
Aniline	ND	20							
2-Chlorophenol	ND	20							
1,4-Dichlorobenzene	ND	5.0							
Benzyl Alcohol	ND	20							
1,2-Dichlorobenzene	ND	5.0							
bis(2-Chloroisopropyl)ether	ND	10							
Hexachloroethane	ND	3.0							
2-Methyl Phenol	ND	20							
3+4 Methyl Phenol	ND	20							
Naphthalene	ND	1.0							
2-Nitrophenol	ND	20							
2,4-Dichlorophenol	ND	20							
Hexachlorobutadiene	ND	20							
4-Chloro-3-methylphenol	ND	20							
Nitrobenzene	ND	20							
Isophorone	ND	20							
2,4-Dimethylphenol	ND	20							
bis(2-Chloroethoxy)methane	ND	20							
Benzoic Acid	ND	20							
1,2,4-Trichlorobenzene	ND	5.0							
2,6-Dichlorophenol	ND	20							
4-Chloroaniline	ND	20							
1,2,4,5-Tetrachlorobenzene	ND	20							
2-Methyl Naphthalene	ND	1.0							
Acenaphthylene	ND	0.30							
Acenaphthene	ND	1.0							
Dibenzofuran	ND	1.0							
Fluorene	ND	1.0							
Hexachlorocyclopentadiene	ND	20							
2,4,6-Trichlorophenol	ND	20							
2,4,5-Trichlorophenol	ND	20							
2,4-Dinitrophenol	ND	20							
4-Nitrophenol	ND	75							
2-Chloronaphthalene	ND	20							
2-Nitroaniline	ND	20							
Dimethylphthalate	ND	20							
2,6-Dinitrotoluene	ND	75							
4-Nitroaniline	ND	20							
2,4-Dinitrotoluene	ND	75							
2,3,4,6-Tetrachlorophenol	ND	20							
4-Chlorophenyl-phenylether	ND	20							
Diethylphthalate	ND	20							
Phenanthrene	ND	0.077							
Anthracene	ND	1.0							
Carbazole	ND	1.0							
Fluoranthene	ND	1.0							

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1404-BLK1) - Continued					Prepared: 2/14/2014 Analyzed: 2/17/2014				
Pyrene	ND	1.0							
n-Nitrosodiphenylamine	ND	20							
Pentachlorophenol	ND	1.0							
3-Nitroaniline	ND	20							
4,6-Dinitro-2-methylphenol	ND	20							
1,2-Diphenylhydrazine	ND	20							
4-Bromophenyl-phenylether	ND	20							
Hexachlorobenzene	ND	0.077							
Pentachloronitrobenzene	ND	20							
Di-n-butylphthalate	ND	20							
Benzo[a]anthracene	ND	0.060							
Chrysene	ND	1.0							
Butylbenzylphthalate	ND	20							
3,3-Dichlorobenzidine	ND	75							
bis(2-Ethylhexyl)phthalate	ND	2.0							
Di-n-octylphthalate	ND	20							
Benzo[b]fluoranthene	ND	0.080							
Benzo[k]fluoranthene	ND	0.30							
Benzo[a]pyrene	ND	0.20							
Indeno[1,2,3-cd]pyrene	ND	0.20							
Dibenz[a,h]anthracene	ND	0.20							
Benzo[g,h,i]perylene	ND	1.0							
Surrogate: 2-Fluorophenol					*39.5*	*15 - 110*			
Surrogate: Phenol-d6					*24.1*	*15 - 110*			
Surrogate: Nitrobenzene-d5					*77.1*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*75.3*	*30 - 130*			
Surrogate: 2,4,6-Tribromophenol					*87.3*	*15 - 110*			
Surrogate: Terphenyl-d14					*68.8*	*30 - 130*			
LCS (B4B1404-BS1)					Prepared: 2/14/2014 Analyzed: 2/17/2014				
Phenol	10.3	10	30.000		34.3	30 - 130			
1,3-Dichlorobenzene	23.4	5.0	30.000		78.1	40 - 140			
n-Nitroso-di-n-propylamine	25.6	10	30.000		85.5	40 - 140			
Pyridine	12.9	4.0	30.000		43.1	40 - 140			
n-Nitroso-dimethylamine	14.0	10	30.000		46.8	40 - 140			
bis(2-Chloroethyl)ether	23.3	10	30.000		77.5	40 - 140			
Aniline	27.7	20	30.000		92.2	40 - 140			
2-Chlorophenol	22.4	20	30.000		74.8	30 - 130			
1,4-Dichlorobenzene	23.8	5.0	30.000		79.2	40 - 140			
Benzyl Alcohol	22.4	20	30.000		74.5	30 - 130			
1,2-Dichlorobenzene	23.7	5.0	30.000		79.1	40 - 140			
bis(2-Chloroisopropyl)ether	25.8	10	30.000		85.9	40 - 140			
Hexachloroethane	23.3	3.0	30.000		77.8	40 - 140			
2-Methyl Phenol	19.5	10	30.000		64.9	30 - 130			
3+4 Methyl Phenol	17.3	10	30.000		57.6	30 - 130			
Naphthalene	24.0	1.0	30.000		80.1	40 - 140			
2-Nitrophenol	23.5	20	30.000		78.4	30 - 130			
2,4-Dichlorophenol	26.2	20	30.000		87.3	30 - 130			
Hexachlorobutadiene	23.9	20	30.000		79.7	40 - 140			
4-Chloro-3-methylphenol	26.8	20	30.000		89.2	30 - 130			
Nitrobenzene	24.9	20	30.000		83.1	40 - 140			
Isophorone	26.7	20	30.000		89.1	40 - 140			
2,4-Dimethylphenol	14.5	10	30.000		48.4	30 - 130			

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B4B1404-BS1) - Continued					Prepared: 2/14/2014 Analyzed: 2/17/2014				
bis(2-Chloroethoxy)methane	25.0	20	30.000		83.2	40 - 140			
Benzoic Acid	11.2	10	30.000		37.2	30 - 130			
1,2,4-Trichlorobenzene	24.7	5.0	30.000		82.3	40 - 140			
2,6-Dichlorophenol	24.0	20	30.000		80.1	30 - 130			
4-Chloroaniline	82.2	20	30.000		**274**	40 - 140			**H**
1,2,4,5-Tetrachlorobenzene	25.5	20	30.000		84.9	40 - 140			
2-Methyl Naphthalene	25.8	1.0	30.000		85.9	40 - 140			
Acenaphthylene	25.0	0.30	30.000		83.4	40 - 140			
Acenaphthene	26.3	1.0	30.000		87.8	40 - 140			
Dibenzofuran	27.8	1.0	30.000		92.8	40 - 140			
Fluorene	27.6	1.0	30.000		92.1	40 - 140			
Hexachlorocyclopentadiene	34.2	20	30.000		114	40 - 140			
2,4,6-Trichlorophenol	27.4	20	30.000		91.2	30 - 130			
2,4,5-Trichlorophenol	28.3	20	30.000		94.2	30 - 130			
2,4-Dinitrophenol	28.2	20	30.000		94.0	30 - 130			
4-Nitrophenol	14.1	10	30.000		46.9	30 - 130			
2-Chloronaphthalene	26.8	20	30.000		89.2	40 - 140			
2-Nitroaniline	30.6	20	30.000		102	40 - 140			
Dimethylphthalate	28.9	20	30.000		96.2	40 - 140			
2,6-Dinitrotoluene	29.5	10	30.000		98.2	40 - 140			
4-Nitroaniline	35.6	20	30.000		119	40 - 140			
2,4-Dinitrotoluene	30.5	10	30.000		102	40 - 140			
2,3,4,6-Tetrachlorophenol	28.7	20	30.000		95.6	30 - 130			
4-Chlorophenyl-phenylether	27.6	20	30.000		92.1	40 - 140			
Diethylphthalate	29.5	20	30.000		98.5	40 - 140			
Phenanthrene	27.8	0.077	30.000		92.5	40 - 140			
Anthracene	26.7	1.0	30.000		88.9	40 - 140			
Carbazole	24.8	1.0	30.000		82.5	40 - 140			
Fluoranthene	27.8	1.0	30.000		92.5	40 - 140			
Pyrene	27.6	1.0	30.000		92.1	40 - 140			
n-Nitrosodiphenylamine	33.2	20	30.000		111	40 - 140			
Pentachlorophenol	32.5	1.0	30.000		108	30 - 130			
3-Nitroaniline	49.4	20	30.000		**165**	40 - 140			**H**
4,6-Dinitro-2-methylphenol	29.2	20	30.000		97.5	30 - 130			
1,2-Diphenylhydrazine	28.0	20	30.000		93.3	40 - 140			
4-Bromophenyl-phenylether	28.8	20	30.000		95.9	40 - 140			
Hexachlorobenzene	32.6	0.077	30.000		109	40 - 140			
Pentachloronitrobenzene	32.8	20	30.000		109	40 - 140			
Di-n-butylphthalate	30.0	20	30.000		100	40 - 140			
Benzo[a]anthracene	31.0	0.060	30.000		103	40 - 140			
Chrysene	31.2	1.0	30.000		104	40 - 140			
Butylbenzylphthalate	30.9	20	30.000		103	40 - 140			
3,3-Dichlorobenzidine	29.7	10	30.000		99.1	40 - 140			
bis(2-Ethylhexyl)phthalate	28.8	2.0	30.000		96.0	40 - 140			
Di-n-octylphthalate	31.2	20	30.000		104	40 - 140			
Benzo[b]fluoranthene	26.9	0.080	30.000		89.5	40 - 140			
Benzo[k]fluoranthene	25.9	0.30	30.000		86.5	40 - 140			
Benzo[a]pyrene	27.6	0.20	30.000		91.9	40 - 140			
Indeno[1,2,3-cd]pyrene	38.1	0.20	30.000		127	40 - 140			
Dibenz[a,h]anthracene	37.4	0.20	30.000		125	40 - 140			
Benzo[g,h,i]perylene	41.1	1.0	30.000		137	40 - 140			
Surrogate: 2-Fluorophenol					*42.8*	*15 - 110*			
Surrogate: Phenol-d6					*28.1*	*15 - 110*			

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B4B1404-BS1) - Continued					Prepared: 2/14/2014 Analyzed: 2/17/2014				
Surrogate: Nitrobenzene-d5					*83.3*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*84.9*	*30 - 130*			
Surrogate: 2,4,6-Tribromophenol					*105*	*15 - 110*			
Surrogate: Terphenyl-d14					*77.0*	*30 - 130*			
Matrix Spike (B4B1404-MS1)		**Source: 4020134-01**			Prepared: 2/14/2014 Analyzed: 2/17/2014				
Phenol	10.1	10	30.000	ND	33.7	30 - 130			
1,3-Dichlorobenzene	23.6	5.0	30.000	ND	78.6	40 - 140			
n-Nitroso-di-n-propylamine	25.9	10	30.000	ND	86.5	40 - 140			
Pyridine	13.5	4.0	30.000	ND	44.9	40 - 140			
n-Nitroso-dimethylamine	14.6	10	30.000	ND	48.6	40 - 140			
bis(2-Chloroethyl)ether	23.9	10	30.000	ND	79.8	40 - 140			
Aniline	16.8	10	30.000	ND	56.1	40 - 140			
2-Chlorophenol	22.6	20	30.000	ND	75.3	30 - 130			
1,4-Dichlorobenzene	23.4	5.0	30.000	ND	78.0	40 - 140			
Benzyl Alcohol	23.4	20	30.000	ND	77.9	30 - 130			
1,2-Dichlorobenzene	23.6	5.0	30.000	ND	78.8	40 - 140			
bis(2-Chloroisopropyl)ether	26.0	10	30.000	ND	86.7	40 - 140			
Hexachloroethane	23.9	3.0	30.000	ND	79.5	40 - 140			
2-Methyl Phenol	20.0	20	30.000	ND	66.5	30 - 130			
3+4 Methyl Phenol	18.2	10	30.000	ND	60.7	30 - 130			
Naphthalene	24.6	1.0	30.000	ND	81.9	40 - 140			
2-Nitrophenol	23.3	20	30.000	ND	77.8	30 - 130			
2,4-Dichlorophenol	26.8	20	30.000	ND	89.4	30 - 130			
Hexachlorobutadiene	24.5	20	30.000	ND	81.7	40 - 140			
4-Chloro-3-methylphenol	27.0	20	30.000	ND	90.1	30 - 130			
Nitrobenzene	25.3	20	30.000	ND	84.4	40 - 140			
Isophorone	27.1	20	30.000	ND	90.2	40 - 140			
2,4-Dimethylphenol	17.1	10	30.000	ND	57.1	30 - 130			
bis(2-Chloroethoxy)methane	25.2	20	30.000	ND	83.9	40 - 140			
Benzoic Acid	12.2	10	30.000	ND	40.7	30 - 130			
1,2,4-Trichlorobenzene	25.2	5.0	30.000	ND	83.8	40 - 140			
2,6-Dichlorophenol	24.8	20	30.000	ND	82.5	30 - 130			
4-Chloroaniline	45.0	20	30.000	ND	**150**	40 - 140			**H**
1,2,4,5-Tetrachlorobenzene	25.6	20	30.000	ND	85.3	40 - 140			
2-Methyl Naphthalene	26.4	1.0	30.000	ND	87.9	40 - 140			
Acenaphthylene	24.6	0.30	30.000	ND	81.9	40 - 140			
Acenaphthene	26.2	1.0	30.000	ND	87.3	40 - 140			
Dibenzofuran	27.5	1.0	30.000	ND	91.7	40 - 140			
Fluorene	27.5	1.0	30.000	ND	91.8	40 - 140			
Hexachlorocyclopentadiene	40.0	20	30.000	ND	133	40 - 140			
2,4,6-Trichlorophenol	27.1	20	30.000	ND	90.3	30 - 130			
2,4,5-Trichlorophenol	27.6	20	30.000	ND	91.9	30 - 130			
2,4-Dinitrophenol	27.7	20	30.000	ND	92.4	30 - 130			
4-Nitrophenol	12.6	10	30.000	ND	41.9	30 - 130			
2-Chloronaphthalene	26.3	20	30.000	ND	87.8	40 - 140			
2-Nitroaniline	28.6	20	30.000	ND	95.4	40 - 140			
Dimethylphthalate	28.2	20	30.000	ND	93.9	40 - 140			
2,6-Dinitrotoluene	28.8	10	30.000	ND	96.1	40 - 140			
4-Nitroaniline	22.0	20	30.000	ND	73.2	40 - 140			
2,4-Dinitrotoluene	29.7	10	30.000	ND	99.1	40 - 140			
2,3,4,6-Tetrachlorophenol	29.9	20	30.000	ND	99.7	30 - 130			
4-Chlorophenyl-phenylether	27.4	20	30.000	ND	91.4	40 - 140			

CET #:4020134
Project: UConn New Science & Engineering Bldg
Project Number: 36190-000

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Matrix Spike (B4B1404-MS1) - Continued		**Source: 4020134-01**			Prepared: 2/14/2014 Analyzed: 2/17/2014				
Diethylphthalate	29.1	20	30.000	ND	96.9	40 - 140			
Phenanthrene	28.0	0.077	30.000	ND	93.4	40 - 140			
Anthracene	27.1	1.0	30.000	ND	90.4	40 - 140			
Carbazole	35.1	1.0	30.000	ND	117	40 - 140			
Fluoranthene	28.6	1.0	30.000	ND	95.5	40 - 140			
Pyrene	28.2	1.0	30.000	ND	94.1	40 - 140			
n-Nitrosodiphenylamine	22.4	20	30.000	ND	74.8	40 - 140			
Pentachlorophenol	40.6	1.0	30.000	ND	**135**	30 - 130			**H**
3-Nitroaniline	24.5	20	30.000	ND	81.6	40 - 140			
4,6-Dinitro-2-methylphenol	30.4	20	30.000	ND	101	30 - 130			
1,2-Diphenylhydrazine	27.9	20	30.000	ND	93.0	40 - 140			
4-Bromophenyl-phenylether	28.2	20	30.000	ND	94.0	40 - 140			
Hexachlorobenzene	31.8	0.077	30.000	ND	106	40 - 140			
Pentachloronitrobenzene	13.7	10	30.000	ND	45.7	40 - 140			
Di-n-butylphthalate	30.1	20	30.000	ND	100	40 - 140			
Benzo[a]anthracene	30.9	0.060	30.000	ND	103	40 - 140			
Chrysene	30.7	1.0	30.000	ND	102	40 - 140			
Butylbenzylphthalate	30.9	20	30.000	ND	103	40 - 140			
3,3-Dichlorobenzidine	8.92	5.0	30.000	ND	**29.7**	40 - 140			**L**
bis(2-Ethylhexyl)phthalate	29.3	2.0	30.000	ND	97.6	40 - 140			
Di-n-octylphthalate	31.2	20	30.000	ND	104	40 - 140			
Benzo[b]fluoranthene	27.3	0.080	30.000	ND	91.0	40 - 140			
Benzo[k]fluoranthene	27.2	0.30	30.000	ND	90.7	40 - 140			
Benzo[a]pyrene	28.2	0.20	30.000	ND	93.9	40 - 140			
Indeno[1,2,3-cd]pyrene	41.9	0.20	30.000	ND	140	40 - 140			
Dibenz[a,h]anthracene	42.0	0.20	30.000	ND	140	40 - 140			
Benzo[g,h,i]perylene	43.7	1.0	30.000	ND	**146**	40 - 140			**H**
Surrogate: 2-Fluorophenol					*40.8*	*15 - 110*			
Surrogate: Phenol-d6					*26.8*	*15 - 110*			
Surrogate: Nitrobenzene-d5					*79.4*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*80.9*	*30 - 130*			
Surrogate: 2,4,6-Tribromophenol					*99.5*	*15 - 110*			
Surrogate: Terphenyl-d14					*76.0*	*30 - 130*			

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Project: UConn New Science & Engineering Bldg
Project Number: 36190-000

Batch B4B1420 - EPA 7470A

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1420-BLK1)					Prepared: 2/14/2014 Analyzed: 2/14/2014				
Mercury	ND	0.00040							
LCS (B4B1420-BS1)					Prepared: 2/14/2014 Analyzed: 2/14/2014				
Mercury	0.00469	0.00040	0.005		93.8	90 - 110			

CET #:4020134
Project: UConn New Science & Engineering Bldg
Project Number: 36190-000

Batch B4B1421 - EPA 200.7

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4B1421-BLK1)					Prepared: 2/14/2014 Analyzed: 2/14/2014				
Lead	ND	0.013							
Selenium	ND	0.010							
Cadmium	ND	0.0050							
Chromium	ND	0.050							
Arsenic	ND	0.0040							
Barium	ND	0.050							
Silver	ND	0.012							
LCS (B4B1421-BS1)					Prepared: 2/14/2014 Analyzed: 2/14/2014				
Lead	0.180	0.013	0.200		90.0	85 - 115			
Selenium	0.414	0.010	0.400		103	85 - 115			
Cadmium	0.209	0.0050	0.200		104	85 - 115			
Chromium	0.193	0.050	0.200		96.3	85 - 115			
Arsenic	0.212	0.0040	0.200		106	85 - 115			
Barium	0.196	0.050	0.200		98.2	85 - 115			
Silver	0.0954	0.012	0.100		95.4	85 - 115			
Matrix Spike (B4B1421-MS2)		**Source: 4020134-01**			Prepared: 2/14/2014 Analyzed: 2/14/2014				
Lead	0.183	0.013	0.200	ND	91.4	75 - 125			
Selenium	0.469	0.010	0.400	ND	117	75 - 125			
Cadmium	0.204	0.0050	0.200	ND	102	75 - 125			
Chromium	0.184	0.050	0.200	ND	91.9	75 - 125			
Arsenic	0.242	0.0040	0.200	ND	121	75 - 125			
Barium	0.602	0.050	0.200	0.410	96.1	75 - 125			
Silver	0.107	0.012	0.100	ND	107	75 - 125			

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:

ND is None Detected at the specified detection limit
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.
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 Homogenity may be a problem.
All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.
Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (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 Recovery	The % recovery for non-tarer 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.
ND	Not detected
RL	Reporting Limit
Dilution	Multiplier added 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.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte foun in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the 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 PH0116
Massachussets Laboratory Certification M-CT903
Rhode Island Certification 199

New York Certification 11982
Florida Laboratory Certification E871064

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc.

Client: Haley & Aldrich

Project Location: UConn New Science & Engineering Bldg

Project Number: 36190-000

Laboratory Sample ID(s):

4020134-01

Sample Date(s):

02/10/2014

List RCP Methods Used:

CT-ETPH, EPA 200.7, EPA 7470A, EPA 8082A, EPA 8260C, EPA 8270D, SM 4500-H B

CET #: 4020134

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 CTDEP 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 and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
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 (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5a	a) Were reporting limits specified or referenced on the chain-of-custody?	☐ Yes ☑ No
5b	b) Were these reporting limits met?	☐ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all consituents identified in the mehod-specific analyte lists preented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project specific matrix spikes and laboratory duplicates included with this data set?	☑ Yes ☐ No

Notes: 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."
This form may not be altered and all questions must be answered.

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 providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: **Position:** **Laboratory Director**

Printed Name: **David Ditta** **Date:** **02/20/2014**

Name of Laboratory: **Complete Environmental Testing, Inc.**

This certification form is to be used for RCP methods only.

RCP Case Narrative

4- See Exceptions Report Below

6- The client requested a subset of the RCP Metals list.

4- Exceptions Report

Analyte	QC Type	Exception	Result	RPD	Recovery (%)	Batch/Sample ID
1,2,3-Trichlorobenzene	LCS	High			144	B4B1220
Acetone	LCS	High			142	B4B1220
Dichlorodifluoromethane	LCS	Low			66.7	B4B1220
Naphthalene	LCS	High			143	B4B1220
Trichlorotrifluoroethane	LCS	High			140	B4B1220
3-Nitroaniline	LCS	High			165	B4B1404
4-Chloroaniline	LCS	High			274	B4B1404
3,3-Dichlorobenzidine	MS	Low			29.7	B4B1404-MS1
4-Chloroaniline	MS	High			150	B4B1404-MS1
Benzo[g,h,i]perylene	MS	High			146	B4B1404-MS1
Pentachlorophenol	MS	High			135	B4B1404-MS1

QC Batch Report

Batch Number	CET ID	Sample ID	Specific Method	Matrix	Collection Date
B4B1219	4020134-01	B9 OW 20ft	CT-ETPH	Water	02/10/2014
B4B1421	4020134-01	B9 OW 20ft	EPA 200.7	Water	02/10/2014
B4B1420	4020134-01	B9 OW 20ft	EPA 7470A	Water	02/10/2014
B4B1401	4020134-01	B9 OW 20ft	EPA 8082A	Water	02/10/2014
B4B1220	4020134-01	B9 OW 20ft	EPA 8260C	Water	02/10/2014
B4B1404	4020134-01	B9 OW 20ft	EPA 8270D	Water	02/10/2014
B4B1302	4020134-01	B9 OW 20ft	SM 4500-H B	Water	02/10/2014

HALEY & ALDRICH

4020134

CHAIN OF CUSTODY RECORD

Phone 860-282-9400
Fax 860-721-0612

H&A FILE NO.	36190-000	LABORATORY	CET	DELIVERY DATE	02/11/2014
PROJECT NAME	New Science & Engineering Building	ADDRESS	Stratford, CT	TURNAROUND TIME	*Normal*
H&A CONTACT	Jen Buchanon jbuchanon@haleyaldrich.com	CONTACT	Tim or Dave	PROJECT MANAGER	T. Crowl / J. Difini

Sample No.	Date	Time	Depth (feet)	Type (Soil)	1 VOCs by 8260	2 SVOCs by 8270	3 PCBs by 8082	4 TPH by CTETPH Method	5 RCRA 8 Metals	6						Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)
B9 OW	02/10/14	4:30	20 ft	Water	X	X	X	X	X							8	

Analysis Requested

Sampled and Relinquished by	Received by
Sign [signature]	Sign [signature]
Print Bonnie R. Gavani	Print Robert Pergament
Firm Haley & Aldrich, Inc.	Firm CET
Date 02/10/14 Time 12:45	Date 2-11-14 Time 1245

Relinquished by	Received by
Sign [signature]	Sign [signature]
Print Robert Pergament	Print
Firm CET	Firm
Date 2-11-14 Time 1245	Date 2/11/14 Time 1015

Relinquished by	Received by
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

	1	2	3	4	5	6						
LIQUID												
VOA Vial												
Amber Glass												
Plastic Bottle												
Preservative												
Volume												
SOLID												
VOA Vial	X											
Amber Glass												
Clear Glass		X	X	X	X	X						
Preservative		A	A	A	A	A						
Volume	40 ml	8oz	8oz	8oz	8oz	8oz						

Sampling Comments

Adhere to CT PMC and RDEC.

Use CTDEP RCPs.

Evidence samples were tampered with? YES NO

If YES, please explain in section below.

4.70

PRESERVATION KEY

A Sample chilled	C NaOH	E H_2SO_4	G Methanol
B Sample filtered	D HNO_3	F HCL	H Sodium Bisulfate

Form #3204