



TOWN OF GREENWICH

Purchasing Department (203) 622-7881 Fax: (203) 622-7776
Town Hall • 101 Field Point Road • Greenwich, CT 06830

April 11, 2014

**** ADDENDUM #1 ****

TOWN OF GREENWICH

REQUEST FOR BID #7066 DEADLINE: 05/01/14 AT 3:00 P.M.

DEMOLITION of TOWN BUILDINGS

1. Listed below are the firms that attended the pre-bid conference on 4.10.14:
 - AES Remedial Contracting
 - AMEC
 - Cherry Hill Construction
 - Goshen Excavators
 - NAC Industries
 - Standard Demo
 - Wernert Construction
 - White Contractors
 - Wiese Construction
2. Attached to this addendum is the asbestos sampling records of both buildings.
3. All bidders must include a copy of their valid Connecticut Demolition license with their bid.
4. Traffic Control will be provided and paid for by the Town through "blue payroll". The awarded contractor must provide a 48 hour notice to the Town Project Engineer prior to the need of an officer.

5. Building 1 is a residential house that is part of the Town of Greenwich Park, Montgomery Pinetum. The address of the park and the house is 130 Bible Street. Building 1 is located on Bible Street past the main entrance of the park. The building has been posted for demolition.

Because there is not an identifiable address for building 1, the awarded contractor will be given the utility account numbers to request disconnect.

The address on the Osprey Environmental Asbestos inspection letter lists the house at 120 Bible Street, which is incorrect. The correct address is 130 Bible Street.

6. Building 2 Inland Wetland requirements: Building 2 is the stand alone restroom building behind the Old Greenwich Civic Center at 90 Harding Road. The building is located in an area that appears to be wetlands and is separated from the main civic center property by a narrow water course. To facilitate the demolition of this building, the Town Project Engineer has submitted a Inland/Wetland Application. The Town's IWWA will be issuing a directive as to how this work will need to proceed within the next week. This information will be posted on the Town website in a future addendum.

ALL OTHER SPECIFICATIONS, TERMS AND CONDITIONS OF THIS RFB REMAIN UNCHANGED.



James Garrapato Latham, CPPB
Senior Buyer

JGL:am

**EMSL Analytical, Inc.**

29 North Plains Highway, Unit # 4, Wallingford, CT 06492
 Phone/Fax: 203-284-5948 / (203) 284-5978
<http://www.EMSL.com> wallingfordlab@emsl.com

EMSL Order: 241304436
 CustomerID: OSPR52
 CustomerPO:
 ProjectID:

Attn: **Robert Grabarek**
Osprey Environmental Engineering, LLC
146 East Main Street

Clinton, CT 06413

Phone: (860) 669-8651
 Fax: (860) 664-3751
 Received: 11/05/13 2:10 PM
 Analysis Date: 11/8/2013
 Collected: 10/30/2013

Project: ACM SURVEY, EGCC LAVATORY, 90 HARDING ROAD, GREENWICH, CT

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1A 241304436-0001	Roof - roof shingle composite	Black Non-Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
1B 241304436-0002	Roof - roof shingle composite	Black Non-Fibrous Homogeneous	12% Cellulose	88% Non-fibrous (other)	None Detected
1C 241304436-0003	Roof - roof shingle composite	Black Non-Fibrous Homogeneous	12% Cellulose <1% Synthetic	88% Non-fibrous (other)	None Detected
2A 241304436-0004	Windows - window caulk grey	Gray Non-Fibrous Homogeneous	<1% Cellulose <1% Fibrous (other)	98% Non-fibrous (other)	2% Chrysotile
2B 241304436-0005	Windows - window caulk grey				Stop Positive (Not Analyzed)
2C 241304436-0006	Windows - window caulk grey				Stop Positive (Not Analyzed)
3A 241304436-0007	Pipe insulation in walls - aircell	White Fibrous Homogeneous	40% Cellulose <1% Fibrous (other)	10% Non-fibrous (other)	50% Chrysotile
3B 241304436-0008	Pipe insulation in walls - aircell				Stop Positive (Not Analyzed)
3C 241304436-0009	Pipe insulation in walls - aircell				Stop Positive (Not Analyzed)

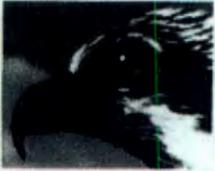
Analyst(s)

Kristin Lopez (4)
 William Shedrawy (1)

Gloria V. Oriol, Laboratory Manager
 or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-tri-axially bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%
 Samples analyzed by EMSL Analytical, Inc. Wallingford, CT NVLAP Lab Code 200700-0,

Initial report from 11/12/2013 13:10:31



241304436

OSPREY ENVIRONMENTAL ENGINEERING, LLC
146 EAST MAIN ST · CLINTON CT 06413
860.669.8651 FAX 860.664.3751

TRANSMITTAL

Date: 11/1/2013

To: EMSL
4 Fairfield Boulevard
Wallingford, CT 06492

Phone: (203) 284-5948
email: wallingfordlab@emsl.com

From: Bob Grabarek

Re: Asbestos Samples

# OF ITEMS	ITEM
3	Set of Samples - 5 day turnaround

Email results to bobg@ospreyee.com. Do not return samples.

RECEIVED
NOV 05 2013
BY  14:10

5648 8045 2024

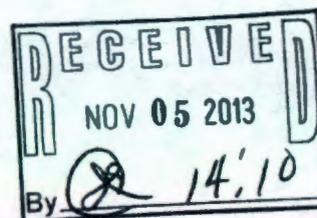
241304436

OSPREY ENVIRONMENTAL ENGINEERING 146 EAST MAIN STREET, CLINTON CT 06413 860 669 8651

ACM Survey, EGCC Lavatory, 90 Harding Road, Greenwich, CT

10/30/2013

NOTES: STOP POSITIVE - test various layers separately where possible			
SAMPLE ID	DESCRIPTION	SAMPLE LOCATION	NOTES
1 A-C	Roof shingle composite	Roof	
2 A-C	Window caulk grey	Windows	
3 A-C	Aircell	Pipe insulation in walls	



80 Lupes Drive
Stratford, CT 06615



Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Robert Grabarek
Osprey Enviromental
146 East Main St
Clinton, CT 06413

Analytical Report

CET # 3100361

Report Date: November 06, 2013
Project: EGCC, Greenwich

Connecticut Laboratory Certificate: PH 0116
Massachusetts laboratory Certificate.: M-CT903
Rhode Island Certification: 199



New York Certification: 11982
Florida Laboratory Certification: E871064

CET #:3100361

Project: EGCC, Greenwich

SAMPLE SUMMARY

The sample(s) were received at 16.4°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
-----------	---------------	--------	----------------------	--------------

EGCC R	3100361-01	Paint Chip	10/30/2013 10:00	10/30/2013
EGCC G	3100361-02	Paint Chip	10/30/2013 10:00	10/30/2013

Analyte: Total Lead [EPA 6010C]

Analyst: SS

Prep Method: EPA 3050B

Matrix: Paint Chip

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
3100361-01	EGCC R	0.022	0.0020	% wet	1	B3K0413	11/04/2013	11/04/2013 16:12	
3100361-02	EGCC G	0.035	0.0020	% wet	1	B3K0413	11/04/2013	11/04/2013 16:16	

CET #:3100361

Project: EGCC, Greenwich

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 Homogeneity 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.



3100361

COMPLETE ENVIRONMENTAL TESTING, INC.

F CUSTODY RECORD

CET # _____

Volatile Soils Only: _____

Date and Time in Freezer _____

Client: _____

CET: _____

Page 4 of 4

80 Lupes Drive Stratford, CT 06615 Bottle Request e-mail: bottleorders@cetlabs.com		Tel: (203) 377-9984 Fax: (203) 377-9952 e-mail: cet1@cetlabs.com		Matrix A=Air S=Soil W=Water DW=Drinking W. C=Cassette Solid Wipe Other (Specify)		Turnaround Time ** (check one)				Organics					Metals (check all that apply)					Additional Analysis					TOTAL # OF CONT.	NOTE #
Sample ID	Date/Time	Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAS	PCBs	Pesticides	Herbicides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	LEAD				
EGCC R	10-30-13 10:00 AM				X																	X				
EGCC G	" "				X																	X				
PRESERVATIVE (Cl-HCl, N-HNO ₃ , S-H ₂ SO ₄ , Na-NaOH, C=Cool, O-Other)																										
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)																										
Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)																										
RELINQUISHED BY: <u>R. P. [Signature]</u>		DATE/TIME: <u>10-30-13</u>		RECEIVED BY: <u>[Signature]</u>		NOTES:																				
RELINQUISHED BY:		DATE/TIME:		RECEIVED BY:																						
RELINQUISHED BY:		DATE/TIME:		RECEIVED BY:																						
Client / Reporting Information		Project Information																								
Company Name: <u>OSPROY</u>		Project Contact: <u>R. GRABAREK</u>										PO #: _____														
Address: _____		Project: <u>EGCC</u>										Project #: _____														
City: _____ State: _____ Zip: _____		Location: <u>Greenwich</u>										Collector(s): <u>R. GRABAREK</u>														
Report To: _____ E-mail: _____		QA/QC <input type="checkbox"/> Std <input type="checkbox"/> Site Specific (MS/MSD) * <input type="checkbox"/> RCP Pkg * <input type="checkbox"/> DQAW *																								
Phone #: _____ Fax #: _____		Data Report <input type="checkbox"/> Email <input type="checkbox"/> PDF <input type="checkbox"/> Excel <input type="checkbox"/> Other																								
		RSR Reporting Limits (check one) <input type="checkbox"/> GA <input type="checkbox"/> GB <input type="checkbox"/> SWP <input type="checkbox"/> Other (specify) .																								
		Lab Use: Evidence of Cooling: <u>10.4 (Y)</u> °C or N					SHEET <u>1</u> OF <u>1</u>																			

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. REV. 12/11

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

ASBESTOS CONSULTANT - INSP/MGMT PLANNER

ROBERT J. GRABAREK

LICENSE NO.
000137
CURRENT THROUGH
10/31/14
VALIDATION NO.
03-657693


SIGNATURE


COMMISSIONER

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

ASBESTOS CONSULTANT - PROJECT DESIGNER

ROBERT J. GRABAREK

LICENSE NO.
000071
CURRENT THROUGH
10/31/14
VALIDATION NO.
03-657694


SIGNATURE


COMMISSIONER

**EMSL Analytical, Inc.**

29 North Plains Highway, Unit # 4, Wallingford, CT 06492
 Phone/Fax 203-284-5948 / (203) 284-5978
<http://www.EMSL.com> wallingfordlab@emsl.com

EMSL Order: 241304437
 CustomerID: OSPR52
 CustomerPO:
 ProjectID:

Attn: **Robert Grabarek**
Osprey Environmental Engineering, LLC
146 East Main Street

Clinton, CT 06413

Phone: (860) 669-8651
 Fax: (860) 664-3751
 Received: 11/05/13 2:10 PM
 Analysis Date: 11/8/2013
 Collected: 10/28/2013

Project: **ACM SURVEY, KINGHORN RESIDENCE, 120 BIBLE STREET, GREENWICH, CT**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1A 241304437-0001	Roof upper layer - roof shingle black	Black Non-Fibrous Homogeneous	35% Cellulose	65% Non-fibrous (other)	None Detected
1B 241304437-0002	Roof upper layer - roof shingle black	Black Non-Fibrous Homogeneous	35% Cellulose	65% Non-fibrous (other)	None Detected
1C 241304437-0003	Roof upper layer - roof shingle black	Black Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
2A 241304437-0004	Roof middle layer - roof shingle green/red	Red/Black/Green Non-Fibrous Homogeneous	20% Cellulose 5% Synthetic	75% Non-fibrous (other)	None Detected
2B 241304437-0005	Roof middle layer - roof shingle green/red	Red/Black/Green Non-Fibrous Homogeneous	20% Cellulose 5% Synthetic	75% Non-fibrous (other)	None Detected
2C 241304437-0006	Roof middle layer - roof shingle green/red	Black Fibrous Homogeneous	35% Cellulose	65% Non-fibrous (other)	None Detected
3A 241304437-0007	Roof lower layer - roof shingle green	Black/Green Non-Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
3B 241304437-0008	Roof lower layer - roof shingle green	Black/Green Non-Fibrous Homogeneous	25% Cellulose <1% Synthetic	75% Non-fibrous (other)	None Detected

Analyst(s)

Kristin Lopez (35)
 Renaldo Drakes (4)

William Shedrawy (20)

Gloria V. Oriol, Laboratory Manager
 or other approved signatory

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 Samples analyzed by EMSL Analytical, Inc. Wallingford, CT NVLAP Lab Code 200700-0,

Initial report from 11/12/2013 13:21:12



EMSL Analytical, Inc.

29 North Plains Highway, Unit # 4, Wallingford, CT 06492
Phone/Fax 203-284-5948 / (203) 284-5978
<http://www.EMSL.com> wallingfordlab@emsl.com

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CustomerID: OSPR52
CustomerPO:
ProjectID:

Attn: **Robert Grabarek**
Osprey Environmental Engineering, LLC
146 East Main Street

Clinton, CT 06413

Phone: (860) 669-8651
Fax: (860) 664-3751
Received: 11/05/13 2:10 PM
Analysis Date: 11/8/2013
Collected: 10/28/2013

Project: **ACM SURVEY, KINGHORN RESIDENCE, 120 BIBLE STREET, GREENWICH, CT**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
3C 241304437-0009	Roof lower layer - roof shingle green	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
4A 241304437-0010	Siding under clapboard - tar paper black	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
4B 241304437-0011	Siding under clapboard - tar paper black	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
4C 241304437-0012	Siding under clapboard - tar paper black	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
5A 241304437-0013	Chimney - chimney flashing cement red	Red Non-Fibrous Homogeneous		80% Non-fibrous (other)	20% Chrysotile
5B 241304437-0014	Chimney - chimney flashing cement red				Stop Positive (Not Analyzed)
5C 241304437-0015	Chimney - chimney flashing cement red				Stop Positive (Not Analyzed)
6A-Plaster 241304437-0016	Interior walls - plaster	Gray Non-Fibrous Homogeneous	<1% Hair <1% Cellulose	98% Non-fibrous (other)	2% Chrysotile
6A-Skim Coat 241304437-0016A	Interior walls - plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Kristin Lopez (35)
Renaldo Drakes (4)

William Shedrawy (20)

Gloria V. Oriol, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Wallingford, CT NVLAP Lab Code 200700-0.

Initial report from 11/12/2013 13:21:12

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Project: **ACM SURVEY, KINGHORN RESIDENCE, 120 BIBLE STREET, GREENWICH, CT**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
6B-Plaster 241304437-0017	Interior walls - plaster				Stop Positive (Not Analyzed)
6B-Skim Coat 241304437-0017A	Interior walls - plaster	White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
6C-Plaster 241304437-0018	Interior walls - plaster				Stop Positive (Not Analyzed)
6C-Skim Coat 241304437-0018A	Interior walls - plaster	White Non-Fibrous Homogeneous	<1% Fibrous (other)	100% Non-fibrous (other)	None Detected
7A 241304437-0019	Interior walls - sheetrock/joint compound	Gray Non-Fibrous Homogeneous	4% Cellulose	96% Non-fibrous (other)	None Detected
Submitted sample contains only sheetrock and paint. No joint compound present.					
7B-Sheetrock 241304437-0020	Interior walls - sheetrock/joint compound	Gray Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
7B-Joint Compound 241304437-0020A	Interior walls - sheetrock/joint compound	White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
7C-Sheetrock 241304437-0021	Interior walls - sheetrock/joint compound	Gray Non-Fibrous Homogeneous	4% Cellulose	96% Non-fibrous (other)	None Detected

Analyst(s)

Kristin Lopez (35)
 Renaldo Drakes (4)

William Shedrawy (20)

Gloria V. Oriol, Laboratory Manager
 or other approved signatory

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
7C-Joint Compound 241304437-0021A	Interior walls - sheetrock/joint compound	White Non-Fibrous Homogeneous	<1% Cellulose <1% Fibrous (other)	100% Non-fibrous (other)	None Detected
8A 241304437-0022	Bathroom walls/floor - ceramic tile grout grey	Gray Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
8B 241304437-0023	Bathroom walls/floor - ceramic tile grout grey	Gray Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
8C 241304437-0024	Bathroom walls/floor - ceramic tile grout grey	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
9A-Floor Tile 241304437-0025	2nd floor rooms - floor tile 9" grey, mastic black	Gray Non-Fibrous Homogeneous	<1% Cellulose	90% Non-fibrous (other)	10% Chrysotile
9A-Mastic 241304437-0025A	2nd floor rooms - floor tile 9" grey, mastic black	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
9B-Floor Tile 241304437-0026	2nd floor rooms - floor tile 9" grey, mastic black				Stop Positive (Not Analyzed)
9B-Mastic 241304437-0026A	2nd floor rooms - floor tile 9" grey, mastic black	Black Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected

Analyst(s)

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
9C-Floor Tile 241304437-0027	2nd floor rooms - floor tile 9" grey, mastic black				Stop Positive (Not Analyzed)
9C-Mastic 241304437-0027A	2nd floor rooms - floor tile 9" grey, mastic black	Black Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
10A-Floor Tile 241304437-0028	2nd floor rooms - floor tile 12" white, mastic yellow	Gray Non-Fibrous Homogeneous	<1% Cellulose	95% Non-fibrous (other)	5% Chrysotile
10A-Mastic 241304437-0028A	2nd floor rooms - floor tile 12" white, mastic yellow	Yellow Non-Fibrous Homogeneous	<1% Cellulose <1% Synthetic	100% Non-fibrous (other)	None Detected
10B-Floor Tile 241304437-0029	2nd floor rooms - floor tile 12" white, mastic yellow				Stop Positive (Not Analyzed)
10B-Mastic 241304437-0029A	2nd floor rooms - floor tile 12" white, mastic yellow	Yellow Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
10C-Floor Tile 241304437-0030	2nd floor rooms - floor tile 12" white, mastic yellow				Stop Positive (Not Analyzed)
10C-Mastic 241304437-0030A	2nd floor rooms - floor tile 12" white, mastic yellow	Yellow Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
11A 241304437-0031	2nd floor under tiles - tar paper black	Black Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (other)	None Detected

Analyst(s)

Kristin Lopez (35)
 Renaldo Drakes (4)

William Shedrawy (20)

Gloria V. Oriol, Laboratory Manager
 or other approved signatory

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 Samples analyzed by EMSL Analytical, Inc. Wallingford, CT NVLAP Lab Code 200700-0.

Initial report from 11/12/2013 13:21:12

**EMSL Analytical, Inc.**

29 North Plains Highway, Unit # 4, Wallingford, CT 06492
 Phone/Fax 203-284-5948 / (203) 284-5978
<http://www.EMSL.com> wallingfordlab@emsl.com

EMSL Order: 241304437
 CustomerID: OSPR52
 CustomerPO:
 ProjectID:

Attn: **Robert Grabarek**
Osprey Environmental Engineering, LLC
146 East Main Street

Clinton, CT 06413

Phone: (860) 669-8651
 Fax: (860) 664-3751
 Received: 11/05/13 2:10 PM
 Analysis Date: 11/8/2013
 Collected: 10/28/2013

Project: **ACM SURVEY, KINGHORN RESIDENCE, 120 BIBLE STREET, GREENWICH, CT**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Cellulose	% Non-Fibrous	% Type
11B 241304437-0032	2nd floor under tiles - tar paper black	Black Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (other)	None Detected
11C 241304437-0033	2nd floor under tiles - tar paper black	Black Fibrous Homogeneous	65% Cellulose <1% Fibrous (other)	35% Non-fibrous (other)	None Detected
12A 241304437-0034	Window exteriors - window caulk grey	Gray Non-Fibrous Homogeneous	<1% Cellulose <1% Fibrous (other)	100% Non-fibrous (other)	None Detected
12B 241304437-0035	Window exteriors - window caulk grey	Gray Non-Fibrous Homogeneous	<1% Cellulose <1% Fibrous (other)	100% Non-fibrous (other)	None Detected
12C 241304437-0036	Window exteriors - window caulk grey	Gray Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
13A 241304437-0037	House exterior - stucco white/grey	Gray/White Non-Fibrous Homogeneous	<1% Cellulose <1% Fibrous (other)	100% Non-fibrous (other)	None Detected
13B 241304437-0038	House exterior - stucco white/grey	Gray/White Non-Fibrous Homogeneous	<1% Cellulose <1% Fibrous (other)	100% Non-fibrous (other)	None Detected
13C 241304437-0039	House exterior - stucco white/grey	Gray Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected

Analyst(s)

Kristin Lopez (35)
 Renaldo Drakes (4)

William Shedrawy (20)

Gloria V. Oriol, Laboratory Manager
 or other approved signatory

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Clinton, CT 06413

Project: **ACM SURVEY, KINGHORN RESIDENCE, 120 BIBLE STREET, GREENWICH, CT**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
14A 241304437-0040	Under #13 - stucco base paper	White/Blue Fibrous Homogeneous	95% Synthetic	5% Non-fibrous (other)	None Detected
14B 241304437-0041	Under #13 - stucco base paper	White/Blue Fibrous Homogeneous	100% Synthetic	0% Non-fibrous (other)	None Detected
14C 241304437-0042	Under #13 - stucco base paper	White/Blue Fibrous Homogeneous	100% Synthetic	0% Non-fibrous (other)	None Detected
15A 241304437-0043	2nd floor elect. system - insulation black electrical outer	Black Fibrous Homogeneous	75% Cellulose	25% Non-fibrous (other)	None Detected
15B 241304437-0044	2nd floor elect. system - insulation black electrical outer	Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
15C 241304437-0045	2nd floor elect. system - insulation black electrical outer	Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
16A 241304437-0046	2nd floor elect. system - insulation black electrical wire	Black Non-Fibrous Homogeneous	55% Cellulose	45% Non-fibrous (other)	None Detected
16B 241304437-0047	2nd floor elect. system - insulation black electrical wire	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected

Analyst(s)

Kristin Lopez (35)
 Renaldo Drakes (4)

William Shedrawy (20)

Gloria V. Oriol, Laboratory Manager
 or other approved signatory

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Project: **ACM SURVEY, KINGHORN RESIDENCE, 120 BIBLE STREET, GREENWICH, CT**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
16C 241304437-0048	2nd floor elect. system - insulation black electrical wire	Black Non-Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
17A 241304437-0049	1st floor ceiling - ceiling tile 12" white w/popcorn finish	Tan/White Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (other)	None Detected
17B 241304437-0050	1st floor ceiling - ceiling tile 12" white w/popcorn finish	Tan/White Fibrous Homogeneous	99% Cellulose	1% Non-fibrous (other)	None Detected
17C 241304437-0051	1st floor ceiling - ceiling tile 12" white w/popcorn finish	Tan/White Fibrous Homogeneous	99% Cellulose	1% Non-fibrous (other)	None Detected
18A 241304437-0052	1st floor kitchen - block floor tile mastic black	Black Non-Fibrous Homogeneous	<1% Cellulose <1% Synthetic	100% Non-fibrous (other)	None Detected
18B 241304437-0053	1st floor kitchen - block floor tile mastic black	Black Non-Fibrous Homogeneous	<1% Cellulose <1% Fibrous (other)	100% Non-fibrous (other)	None Detected
18C 241304437-0054	1st floor kitchen - block floor tile mastic black	Black Non-Fibrous Homogeneous	4% Cellulose	96% Non-fibrous (other)	None Detected
6D-Plaster 241304437-0055	Interior walls - plaster				Stop Positive (Not Analyzed)

Analyst(s)

Kristin Lopez (35) William Shedrawy (20)
 Renaldo Drakes (4)

Gloria V. Oriol, Laboratory Manager
 or other approved signatory

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Initial report from 11/12/2013 13:21:12

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Phone: (860) 669-8651
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Project: **ACM SURVEY, KINGHORN RESIDENCE, 120 BIBLE STREET, GREENWICH, CT**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
6D-Skim Coat 241304437-0055A	Interior walls - plaster	White Non-Fibrous Homogeneous	<1% Fibrous (other)	100% Non-fibrous (other)	None Detected
6E-Plaster 241304437-0056	Interior walls - plaster				Stop Positive (Not Analyzed)
6E-Skim Coat 241304437-0056A	Interior walls - plaster	White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected

Analyst(s)

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 Samples analyzed by EMSL Analytical, Inc. Wallingford, CT NVLAP Lab Code 200700-0,

Initial report from 11/12/2013 13:21:12



241304437 OSPREY ENVIRONMENTAL ENGINEERING, LLC
146 EAST MAIN ST · CLINTON CT 06413
860.669.8651 FAX 860.664.3751

TRANSMITTAL

Date: 11/1/2013

To: EMSL
4 Fairfield Boulevard
Wallingford, CT 06492

Phone: (203) 284-5948
email: wallingfordlab@emsl.com

From: Bob Grabarek

Re: Asbestos Samples

# OF ITEMS	ITEM
3	Set of Samples - 5 day turnaround

Email results to bobg@ospreyee.com. Do not return samples.

RECEIVED
NOV 05 2013
By *[Signature]* 14:10

*860 452 6024
5648*

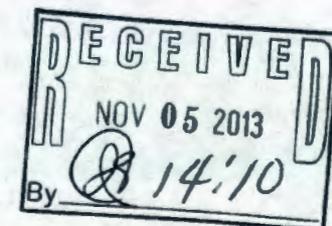
241304437

OSPREY ENVIRONMENTAL ENGINEERING 146 EAST MAIN STREET, CLINTON CT 06413 860 669 8651

ACM Survey, Kinghorn Residence, 120 Bible Street, Greenwich, CT

10/28/2013

NOTES:		STOP POSITIVE - test various layers separately where possible		
SAMPLE ID	DESCRIPTION	SAMPLE LOCATION	NOTES	
1	A-C Roof shingle black	Roof upper layer		
2	A-C Roof shingle green/red	Roof middle layer		
3	A-C Roof shingle green	Roof lower layer		
4	A-C Tar paper black	Siding under clapboard		
5	A-C Chimney flashing cement red	Chimney		
6	A-C Plaster	Interior walls		
7	A-C Sheetrock/joint compound	Interior walls		
8	A-C Ceramic tile grout grey	Bathroom walls/floor		
9	A-C Floor tile 9" grey, mastic black	2nd floor rooms		
10	A-C Floor tile 12" white, mastic yellow	2nd floor rooms		
11	A-C Tar paper black	2nd floor under tiles		
12	A-C Window caulk grey	Window exteriors		
13	A-C Stucco white/grey	House exterior		
14	A-C stucco base paper	Under #13		
15	A-C Insulation black electrical outer	2nd floor elect. System		
16	A-C Insulation black electrical wire	2nd floor elect. System		
17	A-C Ceiling tile 12" white w/ popcorn finish	1st floor ceiling		
18	A-C Block floor tile mastic black	1st floor kitchen		



80 Lupes Drive
Stratford, CT 06615



Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Robert Grabarek
Osprey Enviromental
146 East Main St
Clinton, CT 06413

Analytical Report

CET # 3100362

Report Date: November 06, 2013
Project: Kinghorn, Greenwich

Connecticut Laboratory Certificate: PH 0116
Massachusetts laboratory Certificate.: M-CT903
Rhode Island Certification: 199



New York Certification: 11982
Florida Laboratory Certification: E871064

CET #:3100362

Project: Kinghorn, Greenwich

SAMPLE SUMMARY

The sample(s) were received at 16.4°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
-----------	---------------	--------	----------------------	--------------

Kinghorn	3100362-01	Debris	10/30/2013 11:00	10/30/2013
----------	------------	--------	------------------	------------

Analyte: TCLP Lead [EPA 6020A]

Analyst: SS

Matrix: Extract

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
---------------	------------------	--------	----	-------	----------	-------	----------	--------------------	-------

3100362-01	Kinghorn	0.21	0.013	mg/L	1	B3K0538	11/05/2013	11/05/2013 19:45	
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CET #:3100362

Project: Kinghorn, Greenwich

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 Homogeneity 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.

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

ROBERT J. GRABAREK

LICENSE NO.
000137
CURRENT THROUGH
10/31/14
VALIDATION NO.
03-657693

Robert J. Grabarek
SIGNATURE

Joel Miller
COMMISSIONER

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

ROBERT J. GRABAREK

LICENSE NO.
000071
CURRENT THROUGH
10/31/14
VALIDATION NO.
03-657694

Robert J. Grabarek
SIGNATURE

Joel Miller
COMMISSIONER