



EMSL Analytical, Inc.

5 Constitution Way, Unit A Woburn, MA 01801

Tel/Fax: (781) 933-8411 / (781) 933-8412

<http://www.EMSL.com / bostonlab@emsl.com>

EMSL Order: 131704610

Customer ID: NOBI50

Customer PO:

Project ID:

Attention: Karl Karlsson
Nobis Engineering, Inc.
18 Chenell Drive
Concord, NH 03301

Phone: (603) 224-4182

Fax: (603) 224-2507

Received Date: 10/10/2017 8:56 AM

Analysis Date: 10/24/2017

Collected Date: 10/03/2017

Project: 80108.14

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
A-6-Mastic 131704610-0009	Room 307 - White Speckled 12x12 Tile Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
A-10 131704610-0013	Room 304 - 2x4 Acoustic Ceiling Tile	Gray/White Fibrous Homogeneous	40% Cellulose 20% Min. Wool	40% Non-fibrous (Other)	None Detected
A-11 131704610-0014	Room 304 - 2x4 Acoustic Ceiling Tile	Gray/White Fibrous Homogeneous	40% Cellulose 20% Min. Wool	40% Non-fibrous (Other)	None Detected
A-12 131704610-0015	Room 305 - 2x4 Acoustic Ceiling Tile	Gray/White Fibrous Homogeneous	40% Cellulose 20% Min. Wool	40% Non-fibrous (Other)	None Detected
A-25 131704610-0028	Room 202 - 2x4 Acoustic Ceiling Tile	Gray/White Fibrous Homogeneous	35% Cellulose 35% Min. Wool	30% Non-fibrous (Other)	None Detected
A-26 131704610-0029	Room 203 - 2x4 Acoustic Ceiling Tile	Gray/White Fibrous Homogeneous	35% Cellulose 35% Min. Wool	30% Non-fibrous (Other)	None Detected
A-27 131704610-0030	Room 207 - 2x4 Acoustic Ceiling Tile	Gray/White Fibrous Homogeneous	35% Cellulose 35% Min. Wool	30% Non-fibrous (Other)	None Detected
A-31-Mastic 131704610-0035	Room 208 - 12x12 White Tile Mastic	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
A-32-Mastic 131704610-0037	Room 208 - 12x12 White Tile Mastic				Positive Stop (Not Analyzed)
A-33-Mastic 131704610-0039	Room 208 - 12x12 White Tile Mastic				Positive Stop (Not Analyzed)
A-34-DW 131704610-0040	Room 210 - Drywall	Gray/Tan Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
A-34-JC 131704610-0041	Room 210 - Joint Compound	Tan Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
A-35-DW 131704610-0042	Room 210 - Drywall	Gray/Tan Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
A-35-JC 131704610-0043	Room 210 - Joint Compound				Positive Stop (Not Analyzed)
A-36-DW 131704610-0044	Kitchen - Drywall	Gray/Tan Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
A-36-JC 131704610-0045	Kitchen - Joint Compound				Positive Stop (Not Analyzed)

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			% Fibrous	% Non-Fibrous	% Type
A-38-Mastic	Kitchen - 9x9 Brown Speckled Tile Mastic				Positive Stop (Not Analyzed)
131704610-0049					
A-49	Room 104 - 2'x2' Acoustic Ceiling Tile	Gray/White Fibrous Homogeneous	35% Cellulose 35% Min. Wool	30% Non-fibrous (Other)	None Detected
131704610-0061					
A-50	Room 107 - 2'x2' Acoustic Ceiling Tile	Gray/White Fibrous Homogeneous	35% Cellulose 35% Min. Wool	30% Non-fibrous (Other)	None Detected
131704610-0062					
A-51	Room 103 - 2'x2' Acoustic Ceiling Tile	Gray/White Fibrous Homogeneous	35% Cellulose 35% Min. Wool	30% Non-fibrous (Other)	None Detected
131704610-0063					
A-64	Room 112 - Calcium Spacer Brick	White Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
131704610-0082					
A-65	Room 112 - Calcium Spacer Brick	White Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
131704610-0083					
A-66	East Hallway - Calcium Spacer Brick	White Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
131704610-0084					
A-70	Room 115 - Drywall Behind Newer Drywall	Gray/Tan Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
131704610-0088					
A-71	Room 107 - Drywall Behind Newer Drywall	Gray/Tan Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
131704610-0089					
A-72	Room 108 - Drywall Behind Newer Drywall	Gray/Tan Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
131704610-0090					
A-79-Mastic	Room B02 - Light Brown Speckled 9x9 Tile Mastic	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
131704610-0098					
A-80-Mastic	Room B04 - Light Brown Speckled 9x9 Tile Mastic				Positive Stop (Not Analyzed)
131704610-0100					
A-81-Mastic	Room B05 - Light Brown Speckled 9x9 Tile Mastic				Positive Stop (Not Analyzed)
131704610-0102					

Analyst(s)

Kevin Pine (6)

Steve Grise (16)

Steve Grise, Laboratory Manager
or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3, VT AL998919, Maine Bulk Asbestos BA039

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Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via EPA 600/R-93/116 section 2.3

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
A-1 131704610-0001	Room 303 - Brown Linoleum	Brown Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-2 131704610-0002	Room 303 - Brown Linoleum	Brown Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-3 131704610-0003	Room 303 - Brown Linoleum	Brown Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-4-Tile 131704610-0004	Room 307 - White Speckled 12x12 Tile	Tan Non-Fibrous Homogeneous	97.0	None	3.0% Chrysotile
A-4-Mastic 131704610-0005	Room 307 - White Speckled 12x12 Tile Mastic	Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-5-Tile 131704610-0006	Room 307 - White Speckled 12x12 Tile				
Positive Stop (Not Analyzed)					
A-5-Mastic 131704610-0007	Room 307 - White Speckled 12x12 Tile Mastic	Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-6-Tile 131704610-0008	Room 307 - White Speckled 12x12 Tile				
Positive Stop (Not Analyzed)					
A-7 131704610-0010	Room 304 - Carpet Glue and Mastic	Yellow Non-Fibrous Heterogeneous	100	None	No Asbestos Detected
A-8 131704610-0011	Room 308 - Carpet Glue and Mastic	Black/Yellow Non-Fibrous Heterogeneous	100	None	No Asbestos Detected
A-9 131704610-0012	Room 3rd Floor Hallway - Carpet Glue and Mastic	Yellow Non-Fibrous Heterogeneous	100	None	No Asbestos Detected
A-13 131704610-0016	West Stairwell - Tan Stair Tread	Tan Non-Fibrous Homogeneous	98.8	None	1.2% Chrysotile

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Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
A-14 131704610-0017	West Stairwell - Tan Stair Tread				
Positive Stop (Not Analyzed)					
A-15 131704610-0018	East Stairwell - Tan Stair Tread				
Positive Stop (Not Analyzed)					
A-16 131704610-0019	West Hallway 2nd Floor Landing - Cove Base	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-17 131704610-0020	West Hallway 2nd Floor Landing - Cove Base	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-18 131704610-0021	West Hallway 2nd Floor Landing - Cove Base	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-19 131704610-0022	West Hallway 2nd Floor - Brown Linoleum	Brown Fibrous Homogeneous	100	None	No Asbestos Detected
A-20 131704610-0023	Room 204 - Brown Linoleum	Brown Fibrous Homogeneous	100	None	No Asbestos Detected
A-21 131704610-0024	Room 207 - Brown Linoleum	Brown Fibrous Homogeneous	100	None	No Asbestos Detected
A-22 131704610-0025	Room 202 - Glue Daub Behind Faux Wood Panel	Brown Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-23 131704610-0026	Room 204 - Glue Daub Behind Faux Wood Panel	Brown Non-Fibrous Homogeneous	92.2	None	7.8% Chrysotile
A-24 131704610-0027	Room 210 - Glue Daub Behind Faux Wood Panel				
Positive Stop (Not Analyzed)					

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Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
A-28 131704610-0031	Room 208 - White Speckled Linoleum	White Fibrous Homogeneous	95.0	5.0 Glass	No Asbestos Detected
A-29 131704610-0032	Room 208 - White Speckled Linoleum	White Fibrous Homogeneous	99.4	0.55 Glass	No Asbestos Detected
A-30 131704610-0033	Room 208 - White Speckled Linoleum	White Fibrous Homogeneous	96.1	3.9 Glass	No Asbestos Detected
A-31-Tile 131704610-0034	Room 208 - 12x12 White Tile	White Non-Fibrous Homogeneous	94.2	None	5.8% Chrysotile
A-32-Tile 131704610-0036	Room 208 - 12x12 White Tile				
Positive Stop (Not Analyzed)					
A-33-Tile 131704610-0038	Room 208 - 12x12 White Tile				
Positive Stop (Not Analyzed)					
A-37-Tile 131704610-0046	Kitchen - 9x9 Brown Speckled Tile	Brown Non-Fibrous Homogeneous	98.3	None	1.7% Chrysotile
A-37-Mastic 131704610-0047	Kitchen - 9x9 Brown Speckled Tile Mastic	Black Non-Fibrous Homogeneous	96.9	None	3.1% Chrysotile
A-38-Tile 131704610-0048	Kitchen - 9x9 Brown Speckled Tile				
Positive Stop (Not Analyzed)					
A-39-Tile 131704610-0050	Kitchen - 9x9 Brown Speckled Tile				
Positive Stop (Not Analyzed)					
A-39-Mastic 131704610-0051	Kitchen - 9x9 Brown Speckled Tile Mastic				
Positive Stop (Not Analyzed)					

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Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
A-40 131704610-0052	West Stairwell - Tan Stair Tread	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-41 131704610-0053	West Stairwell - Tan Stair Tread	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-42 131704610-0054	West Stairwell - Tan Stair Tread	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-43 131704610-0055	Room 210 - 2'x2' Black Tile	Green Fibrous Homogeneous	100	None	No Asbestos Detected
A-44 131704610-0056	Room 210 - 2'x2' Black Tile	Green Fibrous Homogeneous	100	None	No Asbestos Detected
A-45 131704610-0057	Room 210 - 2'x2' Black Tile	Green Fibrous Homogeneous	100	None	No Asbestos Detected
A-46 131704610-0058	Room 210A - Brown Cove Base	Brown Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-47 131704610-0059	Room 210A - Brown Cove Base	Brown Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-48 131704610-0060	Room 210A - Brown Cove Base	Brown Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-52 131704610-0064	Room 104 (IT Room) - Brown Linoleum	Brown Fibrous Homogeneous	100	None	No Asbestos Detected
A-53 131704610-0065	Room 104 (IT Room) - Brown Linoleum	Brown Fibrous Homogeneous	100	None	No Asbestos Detected
A-54 131704610-0066	Room 104 (IT Room) - Brown Linoleum	Brown Fibrous Homogeneous	100	None	No Asbestos Detected

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Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
A-55 131704610-0067	Room 103 - Ceiling Glue Daub	Brown Non-Fibrous Homogeneous	99.1	0.85 Fibrous_Other	No Asbestos Detected
A-56 131704610-0068	Room 108 - Ceiling Glue Daub	Brown Non-Fibrous Homogeneous	99.2	0.83 Fibrous_Other	No Asbestos Detected
A-57 131704610-0069	Room 113 - Ceiling Glue Daub	Brown Non-Fibrous Homogeneous	99.1	0.87 Fibrous_Other	No Asbestos Detected
A-58-Tile 131704610-0070	Room 108 - 9x9 Brown Speckled Tile	Beige Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-58-Mastic 131704610-0071	Room 108 - 9x9 Brown Speckled Tile Mastic	Black Non-Fibrous Homogeneous	98.7	None	1.3% Chrysotile
A-59-Tile 131704610-0072	Room 109 - 9x9 Brown Speckled Tile	Tan Non-Fibrous Homogeneous	95.1	None	4.9% Chrysotile
A-59-Mastic 131704610-0073	Room 109 - 9x9 Brown Speckled Tile Mastic				
Positive Stop (Not Analyzed)					
A-60-Tile 131704610-0074	Room 110 - 9x9 Brown Speckled Tile				
Positive Stop (Not Analyzed)					
A-60-Mastic 131704610-0075	Room 110 - 9x9 Brown Speckled Tile Mastic				
Positive Stop (Not Analyzed)					
A-61-Tile 131704610-0076	Room 104 - 9x9 Red Speckled Tile	Red Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-61-Mastic 131704610-0077	Room 104 - 9x9 Red Speckled Tile Mastic	White Non-Fibrous Homogeneous	100	None	No Asbestos Detected

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Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
A-62-Tile 131704610-0078	Room 104 - 9x9 Red Speckled Tile	Red Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-62-Mastic 131704610-0079	Room 104 - 9x9 Red Speckled Tile Mastic	Brown Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-63-Tile 131704610-0080	Room 104 - 9x9 Red Speckled Tile	Red Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-63-Mastic 131704610-0081	Room 104 - 9x9 Red Speckled Tile Mastic	Brown Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-67 131704610-0085	Room 103 - White Linoleum w/Black Backing	White Fibrous Homogeneous	99.0	0.99 Glass	No Asbestos Detected
A-68 131704610-0086	Room 103 - White Linoleum w/Black Backing	White Fibrous Homogeneous	98.8	1.2 Glass	No Asbestos Detected
A-69 131704610-0087	Room 103 - White Linoleum w/Black Backing	White Fibrous Homogeneous	98.7	1.3 Glass	No Asbestos Detected
A-73 131704610-0091	Room 115 - Faux Wood Glue Daub	Brown Non-Fibrous Homogeneous	92.3	None	7.7% Chrysotile
A-74 131704610-0092	Room 114 - Faux Wood Glue Daub				
Positive Stop (Not Analyzed)					
A-75 131704610-0093	Room 114 - Faux Wood Glue Daub				
Positive Stop (Not Analyzed)					
A-76 131704610-0094	Room 117/Utility Closet - Gray Speckled Linoleum	Gray Fibrous Homogeneous	98.2	1.8 Glass	No Asbestos Detected
A-77 131704610-0095	Room 117/Utility Closet - Gray Speckled Linoleum	Gray Fibrous Homogeneous	98.7	1.3 Glass	No Asbestos Detected

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A-78 131704610-0096	Room 117/Utility Closet - Gray Speckled Linoleum	Gray Fibrous Homogeneous	98.7	1.3 Glass	No Asbestos Detected
A-79-Tile 131704610-0097	Room B02 - Light Brown Speckled 9x9 Tile	Tan Non-Fibrous Homogeneous	96.5	None	3.5% Chrysotile
A-80-Tile 131704610-0099	Room B04 - Light Brown Speckled 9x9 Tile				
Positive Stop (Not Analyzed)					
A-81-Tile 131704610-0101	Room B05 - Light Brown Speckled 9x9 Tile				
Positive Stop (Not Analyzed)					
A-82 131704610-0103	Room B01 - 9x9 Green Speckled Tile	Green Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-83 131704610-0104	Room B01 - 9x9 Green Speckled Tile	Green Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-84 131704610-0105	Room B01 - 9x9 Green Speckled Tile	Green Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-85 131704610-0106	Eastern Stairwell - Off-White Linoleum	Gray/White Fibrous Homogeneous	98.7	1.3 Glass	No Asbestos Detected
A-86 131704610-0107	Eastern Stairwell - Off-White Linoleum	Gray/White Fibrous Homogeneous	98.7	1.3 Glass	No Asbestos Detected
A-87 131704610-0108	Eastern Stairwell - Off-White Linoleum	Gray/White Fibrous Homogeneous	98.4	1.6 Glass	No Asbestos Detected
A-88 131704610-0109	Eastern Staircase - Brown Linoleum Insert 2'x1'	Brown Fibrous Homogeneous	100	None	No Asbestos Detected
A-89 131704610-0110	Eastern Staircase - Brown Linoleum Insert 2'x1'	Brown Fibrous Homogeneous	100	None	No Asbestos Detected

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. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. This report contains data that is (are) not covered by the NVLAP accreditation. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample.

Samples analyzed by EMSL Analytical, Inc. Woburn, MA

Initial report from: 10/24/2017 17:18:15



EMSL Analytical, Inc.

5 Constitution Way, Unit A Woburn, MA 01801

Tel/Fax: (781) 933-8411 / (781) 933-8412

<http://www.EMSL.com> / bostonlab@emsl.com

EMSL Order: 131704610

Customer ID: NOBI50

Customer PO:

Project ID:

Attention: Karl Karlsson
Nobis Engineering, Inc.
18 Chenell Drive
Concord, NH 03301

Phone: (603) 224-4182

Fax: (603) 224-2507

Received Date: 10/10/2017 8:56 AM

Analysis Date: 10/24/2017

Collected Date: 10/03/2017

Project: 80108.14

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via EPA 600/R-93/116 section 2.3

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
A-90 131704610-0111	Eastern Staircase - Brown Linoleum Insert 2'x1'	Brown Fibrous Homogeneous	100	None	No Asbestos Detected
A-91 131704610-0112	East Staircase - Off-White Stair Tread	Beige Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-92 131704610-0113	East Staircase - Off-White Stair Tread	Beige Non-Fibrous Homogeneous	100	None	No Asbestos Detected
A-93 131704610-0114	East Staircase - Off-White Stair Tread	Beige Non-Fibrous Homogeneous	100	None	No Asbestos Detected

Analyst(s)

Kevin Pine (50)
Steve Grise (18)

Steve Grise, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA

Initial report from: 10/24/2017 17:18:15

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 786-5974

<http://www.EMSL.com>cinnaminsonleadlab@emsl.com

EMSL Order: 201710267

CustomerID: NOBI50

CustomerPO:

ProjectID:

Attn: **Karl Karlsson**
Nobis Engineering, Inc.
18 Chenell Drive

Phone: (603) 224-4182
Fax: (603) 224-2507
Received: 10/10/17 10:00 AM
Collected: 10/3/2017

Concord, NH 03301Project: **80108.14****Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)***

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
LP-1	201710267-0001	10/3/2017	10/20/2017	0.14 % wt
Site: Room 303 Wall				
LP-2	201710267-0002	10/3/2017	10/11/2017	0.074 % wt
Site: Room 303 Ceiling				
LP-3	201710267-0003	10/3/2017	10/20/2017	0.35 % wt
Site: Room 210 Wall				
LP-4	201710267-0004	10/3/2017	10/20/2017	0.24 % wt
Site: Room 210 Wall				
LP-5	201710267-0005	10/3/2017	10/20/2017	0.27 % wt
Site: Room 210 Wall				
LP-6	201710267-0006	10/3/2017	10/20/2017	3.2 % wt
Site: 2nd Floor East Hallway Wall				
LP-7	201710267-0007	10/3/2017	10/20/2017	2.5 % wt
Site: 1st Floor East Hallway Wall				
LP-8	201710267-0008	10/3/2017	10/20/2017	0.55 % wt
Site: Room 115 Wall				
LP-9	201710267-0009	10/3/2017	10/12/2017	0.075 % wt
Site: Room B02 Wall				
LP-10	201710267-0010	10/3/2017	10/20/2017	0.010 % wt
Site: Room B09 Wall				

Phillip Worby, Lead Laboratory Manager
or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.008 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, AIHA-LAP, LLC ELLAP 100194, A2LA 2845.01

Initial report from 10/24/2017 09:43:26



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077
 Phone/Fax: (800) 220-3675 / (856) 786-0262
<http://www.EMSL.com> / cinnmicrolab@emsl.com

Order ID: 371722151
 Customer ID: NOBI50
 Customer PO:
 Project ID:

Attn: Karl Karlsson
 Nobis Engineering, Inc.
 18 Chenell Drive
 Concord, NH 03301

Phone: (603) 224-4182
 Fax: (603) 224-2507
 Collected: 10/03/2017
 Received: 10/10/2017
 Analyzed: 10/24/2017

Proj: 80108.14

Test Report: Microscopic Examination of Fungal Spores, Fungal Structures, Hyphae, and Other Particulates from Tape Samples (EMSL Method: M041)

Lab Sample Number:	371722151-0001	371722151-0002	371722151-0003	371722151-0004	371722151-0005
Client Sample ID:	M1	M2	M3	M4	M5
Sample Location:	Room 308 Dry Wall / Joint Compound	Room 210 Plaster Wall	Room 210 Wallpaper	Room 210 East Wall	Room 114 Wood Panel
Spore Types	Category	Category	Category	Category	Category
Agrocybe/Coprinus	-	-	-	-	-
Alternaria	-	-	-	-	-
Ascospores	-	-	-	-	-
Aspergillus/Penicillium	-	-	-	-	-
Basidiospores	-	-	-	-	-
Bipolaris++	-	-	-	-	-
Chaetomium	-	-	-	-	-
Cladosporium	-	-	-	-	Rare
Curvularia	-	-	-	-	-
Epicoccum	-	-	-	-	-
Fusarium	-	-	-	-	-
Ganoderma	-	-	-	-	-
Myxomycetes++	-	-	-	-	-
Paecilomyces	-	-	-	-	-
Rust	-	-	-	-	-
Scopulariopsis	-	-	-	-	-
Stachybotrys	-	-	-	-	-
Torula	-	-	-	-	-
Ulocladium	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-
Zygomycetes	-	-	-	-	-
Acremonium	*High*	-	-	-	-
Aspergillus	*High*	-	-	-	-
Ophiostoma/Ceratocystis	-	-	-	-	-
Penicillium	-	-	-	-	-
Fibrous Particulate	Medium	-	Rare	-	-
Hyphal Fragment	-	-	-	-	-
Insect Fragment	-	-	-	-	-
Pollen	-	-	-	-	-

Sample Comment: 371722151-0002 None Detected
Sample Comment: 371722151-0004 None Detected

Category: Count/per area analyzed
 Rare: 1 to 10 Low: 11 to 100 Medium: 101 to 1000 High: >1000

Bipolaris++ = Bipolaris/Dreschlera/Exserohilum Myxomycetes++ = Myxomycetes/Periconia/Smut
 * = Sample contains fruiting structures and/or hyphae associated with the spores.

No discernable field blank was submitted with this group of samples.

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above 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 of the data contained in this report is the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ AIHA-LAP, LLC--EMLAP Accredited #100194

Initial report from: 10/24/2017 12:17:58

For Information on the fungi listed in this report please visit the Resources section at www.emsl.com

Vincent Iuzzolino, M.S., Laboratory Director
 or Other Approved Signatory



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-0262
<http://www.EMSL.com> / cinnmicrolab@emsl.com

Order ID: 371722151
Customer ID: NOBI50
Customer PO:
Project ID:

Attn: Karl Karlsson
Nobis Engineering, Inc.
18 Chenell Drive
Concord, NH 03301

Phone: (603) 224-4182
Fax: (603) 224-2507
Collected: 10/03/2017
Received: 10/10/2017
Analyzed: 10/24/2017

Proj: 80108.14

Test Report: Microscopic Examination of Fungal Spores, Fungal Structures, Hyphae, and Other Particulates from Tape Samples (EMSL Method: M041)

Lab Sample Number:	371722151-0006	371722151-0007	371722151-0008	371722151-0009	371722151-0010
Client Sample ID:	M6	M7	M8	M9	M10
Sample Location:	Room 115 Window Blinds	Room 113 Sheetrock	Room 104 Plaster	Room 117 Plaster Wall	Room B05 Exterior Wall
Spore Types	Category	Category	Category	Category	Category
Agrocybe/Coprinus	-	-	-	-	-
Alternaria	-	Rare	-	-	-
Ascospores	-	-	-	-	-
Aspergillus/Penicillium	-	-	-	-	-
Basidiospores	-	-	-	-	-
Bipolaris++	-	-	-	-	-
Chaetomium	-	-	-	-	-
Cladosporium	-	-	Rare	-	-
Curvularia	-	-	-	-	-
Epicoccum	-	-	-	-	-
Fusarium	-	-	-	-	-
Ganoderma	-	Rare	-	-	-
Myxomycetes++	-	-	-	-	-
Paecilomyces	-	-	-	-	-
Rust	-	-	-	-	-
Scopulariopsis	-	-	-	-	-
Stachybotrys	Low	-	-	-	-
Torula	-	-	-	-	-
Ulocladium	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-
Zygomycetes	-	-	-	-	-
Acremonium	-	-	-	-	-
Aspergillus	*High*	-	-	-	*High*
Ophiostoma/Ceratocystis	-	-	-	-	-
Penicillium	-	-	-	-	-
Fibrous Particulate	-	Medium	-	-	-
Hyphal Fragment	-	-	-	-	-
Insect Fragment	-	-	-	-	-
Pollen	-	-	Rare	-	-

Sample Comment: 371722151-0009 None Detected

Category: Count/per area analyzed

Rare: 1 to 10 Low: 11 to 100 Medium: 101 to 1000 High: >1000

Bipolaris++ = Bipolaris/Dreschlera/Exserohilum Myxomycetes++ = Myxomycetes/Periconia/Smut

* = Sample contains fruiting structures and/or hyphae associated with the spores.

Vincent Iuzzolino, M.S., Laboratory Director
or Other Approved Signatory

No discernable field blank was submitted with this group of samples.

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ AIHA-LAP, LLC--EMLAP Accredited #100194

Initial report from: 10/24/2017 12:17:58

For Information on the fungi listed in this report please visit the Resources section at www.emsl.com



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077
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<http://www.EMSL.com> / cinnmicrolab@emsl.com

Order ID: 371722151
Customer ID: NOBI50
Customer PO:
Project ID:

Attn: Karl Karlsson
Nobis Engineering, Inc.
18 Chenell Drive
Concord, NH 03301

Phone: (603) 224-4182
Fax: (603) 224-2507
Collected: 10/03/2017
Received: 10/10/2017
Analyzed: 10/24/2017

Proj: 80108.14

Test Report: Microscopic Examination of Fungal Spores, Fungal Structures, Hyphae, and Other Particulates from Tape Samples (EMSL Method: M041)

Lab Sample Number:	371722151-0011	371722151-0012	371722151-0013	371722151-0014	
Client Sample ID:	M11	M12	M13	M14	
Sample Location:	Room B02 South Exterior Wall	Room B11 Plaster Wall	Room B01 Door Frame	Room B10 Bare Studs	
Spore Types	Category	Category	Category	Category	-
Agrocybe/Coprinus	-	-	-	-	-
Alternaria	-	-	*High*	-	-
Ascospores	Rare	-	-	-	-
Aspergillus/Penicillium	-	-	-	-	-
Basidiospores	-	-	-	-	-
Bipolaris++	-	-	-	-	-
Chaetomium	-	-	-	-	-
Cladosporium	*High*	-	*High*	-	-
Curvularia	-	-	-	-	-
Epicoccum	-	-	-	-	-
Fusarium	-	-	-	-	-
Ganoderma	-	-	-	-	-
Myxomycetes++	-	-	-	-	-
Paecilomyces	-	-	-	-	-
Rust	-	-	-	-	-
Scopulariopsis	-	-	-	-	-
Stachybotrys	-	-	-	-	-
Torula	-	-	-	-	-
Ulocladium	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-
Zygomycetes	-	-	-	-	-
Acremonium	-	-	-	-	-
Aspergillus	-	-	-	*High*	-
Ophiostoma/Ceratocystis	-	-	-	Low	-
Penicillium	-	*High*	-	-	-
Fibrous Particulate	-	-	-	-	-
Hyphal Fragment	-	-	-	-	-
Insect Fragment	-	-	-	-	-
Pollen	-	-	-	-	-

Category: Count/per area analyzed
Rare: 1 to 10 Low: 11 to 100 Medium: 101 to 1000 High: >1000

Bipolaris++ = Bipolaris/Dreschlera/Exserohilum Myxomycetes++ = Myxomycetes/Periconia/Smut
* = Sample contains fruiting structures and/or hyphae associated with the spores.

No discernable field blank was submitted with this group of samples.

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ AIHA-LAP, LLC-EMLAP Accredited #100194

Initial report from: 10/24/2017 12:17:58

For Information on the fungi listed in this report please visit the Resources section at www.emsl.com

Vincent Iuzzolino, M.S., Laboratory Director
or Other Approved Signatory



Eastern Analytical, Inc.

professional laboratory and drilling services

Tim Andrews
Nobis Engineering
18 Chenell Drive
Concord, NH 03301



Subject: Laboratory Report

Eastern Analytical, Inc. ID: 174408

Client Identification: Millinocket Mill Administration | 80108.14

Date Received: 10/9/2017

Dear Mr. Andrews :

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:

Solid samples are reported on a dry weight basis, unless otherwise noted

< : "less than" followed by the reporting limit

> : "greater than" followed by the reporting limit

%R : % Recovery

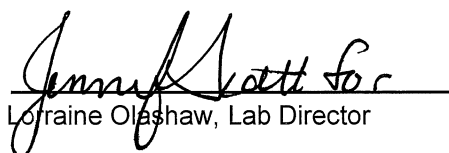
Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269) and Vermont (VT1012).

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the the written approval of the laboratory.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,


Lorraine Olashaw, Lab Director

10-12-17
Date

19
of pages (excluding cover letter)



SAMPLE CONDITIONS PAGE

EAI ID#: 174408

Client: **Nobis Engineering**

Client Designation: **Millinocket Mill Administration | 80108.14**

Temperature upon receipt (°C): **0.0**

Received on ice or cold packs (Yes/No): **Y**

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date	Date	Sample	% Dry	Exceptions/Comments (other than thermal preservation)
		Received	Sampled	Matrix	Weight	
174408.01	PCB-1A	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.02	PCB-1B	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.03	PCB-1C	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.04	PCB-2A	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.05	PCB-2B	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.06	PCB-2C	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.07	PCB-3A	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.08	PCB-3B	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.09	PCB-3C	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.1	PCB-4A	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.11	PCB-4B	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.12	PCB-4C	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.13	PCB-5A	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.14	PCB-5B	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.15	PCB-5C	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.16	PCB-6A	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.17	PCB-6B	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.18	PCB-6C	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.19	PCB-7A	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.2	PCB-7B	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.21	PCB-7C	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.22	PCB-8A	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitability, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.

Immediate analyses, pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite, performed at the laboratory were run outside of the recommended 15 minute hold time.

All results contained in this report relate only to the above listed samples.

References include:

- 1) EPA 600/4-79-020, 1983
- 2) Standard Methods for Examination of Water and Wastewater, 20th Edition, 1998 and 22nd Edition, 2012
- 3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- 4) Hach Water Analysis Handbook, 2nd edition, 1992



SAMPLE CONDITIONS PAGE

EAI ID#: 174408

Client: **Nobis Engineering**

Client Designation: **Millinocket Mill Administration | 80108.14**

Temperature upon receipt (°C): **0.0**

Received on ice or cold packs (Yes/No): **Y**

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received	Date Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
174408.23	PCB-8B	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.24	PCB-8C	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.25	PCB-9A	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.26	PCB-9B	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.27	PCB-9C	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.28	PCB-10A	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.29	PCB-10B	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.3	PCB-10C	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.31	PCB-11A	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.32	PCB-11B	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.33	PCB-11C	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.34	PCB-12A	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.35	PCB-12B	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.36	PCB-12C	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.37	PCB-13A	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.38	PCB-13B	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.39	PCB-13C	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.4	PCB-14A	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.41	PCB-14B	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.42	PCB-14C	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.43	PCB-15A	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.44	PCB-15B	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitability, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.

Immediate analyses, pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite, performed at the laboratory were run outside of the recommended 15 minute hold time.

All results contained in this report relate only to the above listed samples.

References include:

- 1) EPA 600/4-79-020, 1983
- 2) Standard Methods for Examination of Water and Wastewater, 20th Edition, 1998 and 22nd Edition, 2012
- 3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- 4) Hach Water Analysis Handbook, 2nd edition, 1992



SAMPLE CONDITIONS PAGE

EAI ID#: 174408

Client: **Nobis Engineering**

Client Designation: **Millinocket Mill Administration | 80108.14**

Temperature upon receipt (°C): **0.0**

Received on ice or cold packs (Yes/No): **Y**

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received	Date Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
174408.45	PCB-15C	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.46	PCB-16A	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.47	PCB-16B	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy
174408.48	PCB-16C	10/9/17	10/3/17	solid	100.0	Adheres to Sample Acceptance Policy

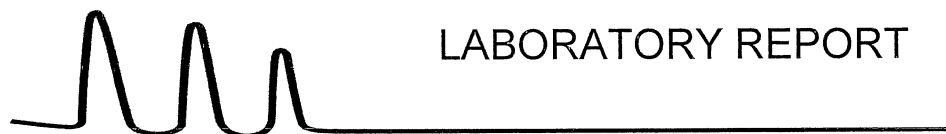
Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitability, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.

Immediate analyses, pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite, performed at the laboratory were run outside of the recommended 15 minute hold time.

All results contained in this report relate only to the above listed samples.

References include:

- 1) EPA 600/4-79-020, 1983
- 2) Standard Methods for Examination of Water and Wastewater, 20th Edition, 1998 and 22nd Edition, 2012
- 3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- 4) Hach Water Analysis Handbook, 2nd edition, 1992



LABORATORY REPORT

EAI ID#: 174408

Client: Nobis Engineering

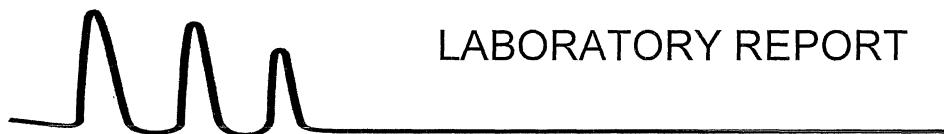
Client Designation: Millinocket Mill Administration | 80108.14

Sample ID:	PCB-1A	PCB-1B	PCB-1C	PCB-2A	PCB-2B	PCB-2C	PCB-3A
Lab Sample ID:	174408.01	174408.02	174408.03	174408.04	174408.05	174408.06	174408.07
Matrix:	solid	solid	solid	solid	solid	solid	solid
Date Sampled:	10/3/17	10/3/17	10/3/17	10/3/17	10/3/17	10/3/17	10/3/17
Date Received:	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17
% Solid:	100	100	100	100	100	100	100
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date of Extraction/Prep:	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17
Date of Analysis:	10/10/17	10/10/17	10/10/17	10/10/17	10/10/17	10/10/17	10/10/17
Analyst:	SG	SG	SG	SG	SG	SG	SG
Extraction Method:	3540C	3540C	3540C	3540C	3540C	3540C	3540C
Analysis Method:	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Dilution Factor:	29	28	29	30	29	29	30
PCB-1016	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1221	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1232	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1242	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1248	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	13
PCB-1254	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	5.2
PCB-1260	16	13	27	49	37	21	< 0.5
PCB-1262	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1268	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TMX (surr)	70 %R	69 %R	65 %R	79 %R	81 %R	79 %R	70 %R
DCB (surr)	92 %R	97 %R	90 %R	90 %R	97 %R	92 %R	78 %R

Acid clean-up was performed on the samples and associated batch QC. Detection limits elevated in response to the lower initial mass used for analysis. A lower initial mass was used due to the nature of the sample matrix.

Deviations from the Report:

PCB-1A	Parameter: PCB-1260	Date of Analysis: 10/10/2017	Dilution Factor: 58
PCB-1B	Parameter: PCB-1260	Date of Analysis: 10/10/2017	Dilution Factor: 56
PCB-1C	Parameter: PCB-1260	Date of Analysis: 10/10/2017	Dilution Factor: 118
PCB-2A	Parameter: PCB-1260	Date of Analysis: 10/10/2017	Dilution Factor: 150
PCB-2B	Parameter: PCB-1260	Date of Analysis: 10/10/2017	Dilution Factor: 147
PCB-2C	Parameter: PCB-1260	Date of Analysis: 10/10/2017	Dilution Factor: 118
PCB-3A	Parameter: PCB-1248	Date of Analysis: 10/10/2017	Dilution Factor: 60



LABORATORY REPORT

EAI ID#: 174408

Client: **Nobis Engineering**

Client Designation: **Millinocket Mill Administration | 80108.14**

Sample ID:	PCB-3B	PCB-3C	PCB-4A	PCB-4B	PCB-4C	PCB-5A	PCB-5B
Lab Sample ID:	174408.08	174408.09	174408.1	174408.11	174408.12	174408.13	174408.14
Matrix:	solid	solid	solid	solid	solid	solid	solid
Date Sampled:	10/3/17	10/3/17	10/3/17	10/3/17	10/3/17	10/3/17	10/3/17
Date Received:	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17
% Solid:	100	100	100	100	100	100	100
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date of Extraction/Prep:	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17
Date of Analysis:	10/10/17	10/10/17	10/10/17	10/10/17	10/10/17	10/10/17	10/10/17
Analyst:	SG	SG	SG	SG	SG	SG	SG
Extraction Method:	3540C	3540C	3540C	3540C	3540C	3540C	3540C
Analysis Method:	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Dilution Factor:	30	28	30	29	57	28	29
PCB-1016	< 0.5	< 0.5	< 0.5	< 0.5	< 0.9	< 0.5	< 0.5
PCB-1221	< 0.5	< 0.5	< 0.5	< 0.5	< 0.9	< 0.5	< 0.5
PCB-1232	< 0.5	< 0.5	< 0.5	< 0.5	< 0.9	< 0.5	< 0.5
PCB-1242	< 0.5	< 0.5	< 0.5	< 0.5	< 0.9	< 0.5	< 0.5
PCB-1248	< 0.5	< 0.5	< 0.5	< 0.5	< 0.9	8.8	8.1
PCB-1254	6.8	7.7	3.9	4.3	8.6	4.7	7.0
PCB-1260	2.1	2.4	< 0.5	< 0.5	< 0.9	< 0.5	< 0.5
PCB-1262	< 0.5	< 0.5	< 0.5	< 0.5	< 0.9	< 0.5	< 0.5
PCB-1268	< 0.5	< 0.5	< 0.5	< 0.5	< 0.9	< 0.5	< 0.5
TMX (surr)	83 %R	88 %R	67 %R	65 %R	66 %R	80 %R	104 %R
DCB (surr)	78 %R	75 %R	71 %R	67 %R	70 %R	82 %R	83 %R

Acid clean-up was performed on the samples and associated batch QC. Detection limits elevated in response to the lower initial mass used for analysis. A lower initial mass was used due to the nature of the sample matrix.
PCB-4C: Detection limits elevated due to higher than normal final extract volume.



LABORATORY REPORT

EAI ID#: 174408

Client: **Nobis Engineering**

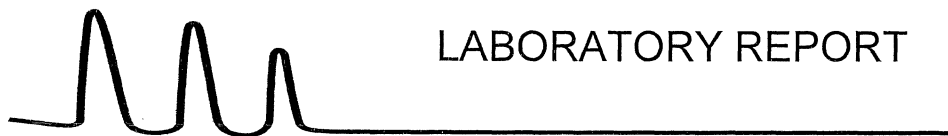
Client Designation: **Millinocket Mill Administration | 80108.14**

Sample ID:	PCB-5C	PCB-6A	PCB-6B	PCB-6C	PCB-7A	PCB-7B	PCB-7C
Lab Sample ID:	174408.15	174408.16	174408.17	174408.18	174408.19	174408.2	174408.21
Matrix:	solid	solid	solid	solid	solid	solid	solid
Date Sampled:	10/3/17	10/3/17	10/3/17	10/3/17	10/3/17	10/3/17	10/3/17
Date Received:	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date of Extraction/Prep:	10/9/17	10/9/17	10/9/17	10/9/17	10/10/17	10/10/17	10/10/17
Date of Analysis:	10/10/17	10/10/17	10/10/17	10/10/17	10/11/17	10/11/17	10/11/17
Analyst:	SG	SG	SG	SG	SG	SG	SG
Method:	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Dilution Factor:	30	30	29	29	30	30	28
PCB-1016	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1221	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1232	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1242	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1248	4.5	3.0	3.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1254	4.6	4.4	6.0	5.9	8.9	6.8	9.8
PCB-1260	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1262	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1268	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TMX (surr)	81 %R	73 %R	79 %R	74 %R	78 %R	79 %R	96 %R
DCB (surr)	81 %R	83 %R	84 %R	77 %R	86 %R	84 %R	88 %R

Acid clean-up was performed on the samples and associated batch QC. Detection limits elevated in response to the lower initial mass used for analysis. A lower initial mass was used due to the nature of the sample matrix.

Deviations from the Report:

PCB-7C Parameter: PCB-1254 Date of Analysis: 10/12/2017 Dilution Factor: 57



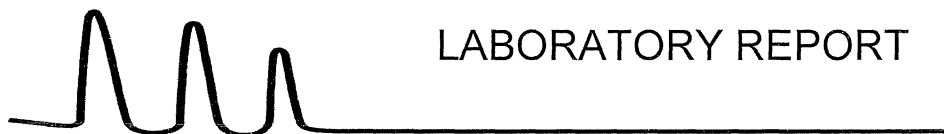
LABORATORY REPORT

EAI ID#: 174408

Client: **Nobis Engineering**
 Client Designation: **Millinocket Mill Administration | 80108.14**

Sample ID:	PCB-8A	PCB-8B	PCB-8C	PCB-9A	PCB-9B	PCB-9C	PCB-10A
Lab Sample ID:	174408.22	174408.23	174408.24	174408.25	174408.26	174408.27	174408.28
Matrix:	solid	solid	solid	solid	solid	solid	solid
Date Sampled:	10/3/17	10/3/17	10/3/17	10/3/17	10/3/17	10/3/17	10/3/17
Date Received:	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17
% Solid:	100	100	100	100	100	100	100
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date of Extraction/Prep:	10/10/17	10/10/17	10/10/17	10/10/17	10/10/17	10/10/17	10/10/17
Date of Analysis:	10/11/17	10/11/17	10/11/17	10/11/17	10/11/17	10/11/17	10/11/17
Analyst:	SG	SG	SG	SG	SG	SG	SG
Extraction Method:	3540C	3540C	3540C	3540C	3540C	3540C	3540C
Analysis Method:	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Dilution Factor:	29	28	29	29	30	29	29
PCB-1016	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1221	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1232	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1242	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1248	< 0.5	< 0.5	4.3	3.0	2.6	3.0	< 0.5
PCB-1254	2.5	3.5	3.2	2.8	2.7	4.0	6.0
PCB-1260	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1262	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1268	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TMX (surr)	74 %R	82 %R	77 %R	78 %R	86 %R	83 %R	77 %R
DCB (surr)	95 %R	91 %R	91 %R	94 %R	101 %R	103 %R	105 %R

Acid clean-up was performed on the samples and associated batch QC. Detection limits elevated in response to the lower initial mass used for analysis. A lower initial mass was used due to the nature of the sample matrix.



LABORATORY REPORT

EAI ID#: 174408

Client: **Nobis Engineering**

Client Designation: **Millinocket Mill Administration | 80108.14**

Sample ID:	PCB-10B	PCB-10C	PCB-11A	PCB-11B	PCB-11C	PCB-12A	PCB-12B
Lab Sample ID:	174408.29	174408.3	174408.31	174408.32	174408.33	174408.34	174408.35
Matrix:	solid	solid	solid	solid	solid	solid	solid
Date Sampled:	10/3/17	10/3/17	10/3/17	10/3/17	10/3/17	10/3/17	10/3/17
Date Received:	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17
% Solid:	100	100	100	100	100	100	100
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date of Extraction/Prep:	10/10/17	10/10/17	10/10/17	10/10/17	10/10/17	10/10/17	10/10/17
Date of Analysis:	10/11/17	10/11/17	10/11/17	10/11/17	10/11/17	10/11/17	10/11/17
Analyst:	SG	SG	SG	SG	SG	SG	SG
Extraction Method:	3540C	3540C	3540C	3540C	3540C	3540C	3540C
Analysis Method:	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Dilution Factor:	30	29	30	30	30	29	28
PCB-1016	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1221	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1232	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1242	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1248	< 0.5	< 0.5	< 5	3.9	4.8	< 0.5	3.6
PCB-1254	3.2	3.9	< 5	3.7	4.7	3.4	7.2
PCB-1260	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 0.5	3.9
PCB-1262	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1268	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TMX (surr)	77 %R	66 %R	75 %R	78 %R	76 %R	77 %R	68 %R
DCB (surr)	95 %R	91 %R	92 %R	96 %R	91 %R	96 %R	85 %R

Acid clean-up was performed on the samples and associated batch QC. Detection limits elevated in response to the lower initial mass used for analysis. A lower initial mass was used due to the nature of the sample matrix.

PCB-11A: PCB-1242, PCB-1248, PCB-1254, PCB-1260, and PCB-1262: detection limits elevated due to non-target interference.



LABORATORY REPORT

EAI ID#: 174408

Client: **Nobis Engineering**

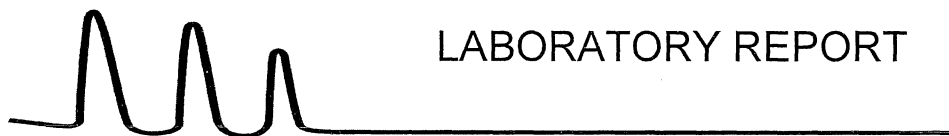
Client Designation: **Millinocket Mill Administration | 80108.14**

Sample ID:	PCB-12C	PCB-13A	PCB-13B	PCB-13C	PCB-14A	PCB-14B	PCB-14C
Lab Sample ID:	174408.36	174408.37	174408.38	174408.39	174408.4	174408.41	174408.42
Matrix:	solid	solid	solid	solid	solid	solid	solid
Date Sampled:	10/3/17	10/3/17	10/3/17	10/3/17	10/3/17	10/3/17	10/3/17
Date Received:	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17
% Solid:	100	100	100	100	100	100	100
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date of Extraction/Prep:	10/10/17	10/10/17	10/10/17	10/10/17	10/10/17	10/10/17	10/10/17
Date of Analysis:	10/11/17	10/11/17	10/11/17	10/11/17	10/11/17	10/11/17	10/11/17
Analyst:	SG	SG	SG	SG	SG	SG	SG
Extraction Method:	3540C	3540C	3540C	3540C	3540C	3540C	3540C
Analysis Method:	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Dilution Factor:	29	29	29	29	30	29	30
PCB-1016	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1221	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1232	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1242	< 0.5	< 0.5	< 0.5	< 0.5	8.4	4.7	13
PCB-1248	< 0.5	9	5.5	5.3	< 0.5	< 0.5	< 0.5
PCB-1254	44	11	6.3	5.3	2.7	1.5	5.5
PCB-1260	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1262	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1268	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TMX (surr)	75 %R	86 %R	76 %R	77 %R	84 %R	82 %R	74 %R
DCB (surr)	92 %R	91 %R	74 %R	82 %R	88 %R	96 %R	74 %R

Acid clean-up was performed on the samples and associated batch QC. Detection limits elevated in response to the lower initial mass used for analysis. A lower initial mass was used due to the nature of the sample matrix.

Deviations from the Report:

PCB-12C	Parameter: PCB-1254	Date of Analysis: 10/12/2017	Dilution Factor: 289
PCB-13A	Parameter: PCB-1248	Date of Analysis: 10/12/2017	Dilution Factor: 59
PCB-13A	Parameter: PCB-1254	Date of Analysis: 10/12/2017	Dilution Factor: 59
PCB-14C	Parameter: PCB-1242	Date of Analysis: 10/12/2017	Dilution Factor: 60
PCB-14C	Parameter: PCB-1254	Date of Analysis: 10/12/2017	Dilution Factor: 60



LABORATORY REPORT

EAI ID#: 174408

Client: **Nobis Engineering**

Client Designation: **Millinocket Mill Administration | 80108.14**

Sample ID:	PCB-15A	PCB-15B	PCB-15C	PCB-16A	PCB-16B	PCB-16C
Lab Sample ID:	174408.43	174408.44	174408.45	174408.46	174408.47	174408.48
Matrix:	solid	solid	solid	solid	solid	solid
Date Sampled:	10/3/17	10/3/17	10/3/17	10/3/17	10/3/17	10/3/17
Date Received:	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17	10/9/17
% Solid:	100	100	100	100	100	100
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date of Extraction/Prep:	10/10/17	10/10/17	10/10/17	10/10/17	10/10/17	10/10/17
Date of Analysis:	10/11/17	10/11/17	10/11/17	10/11/17	10/11/17	10/11/17
Analyst:	SG	SG	SG	SG	SG	SG
Extraction Method:	3540C	3540C	3540C	3540C	3540C	3540C
Analysis Method:	8082A	8082A	8082A	8082A	8082A	8082A
Dilution Factor:	29	29	29	29	29	30
PCB-1016	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1221	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1232	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1242	< 0.5	6.5	< 0.5	6.4	6.3	15
PCB-1248	7.0	< 0.5	3.6	< 0.5	< 0.5	< 0.5
PCB-1254	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1260	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1262	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PCB-1268	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TMX (surr)	69 %R	70 %R	77 %R	78 %R	80 %R	67 %R
DCB (surr)	86 %R	82 %R	93 %R	94 %R	101 %R	83 %R

Acid clean-up was performed on the samples and associated batch QC. Detection limits elevated in response to the lower initial mass used for analysis. A lower initial mass was used due to the nature of the sample matrix.

Deviations from the Report:

PCB-16C Parameter: PCB-1242 Date of Analysis: 10/12/2017 Dilution Factor: 60



QC REPORT

EAI ID#: 174408

Client: Nobis Engineering

Batch ID: 636431-58675/S100917PCB1

Client Designation: Millinocket Mill Administration | 80108.14

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
PCB-1016	< 0.02	0.12 (91 %R)	0.13 (95 %R) (5 RPD)	10/10/2017	mg/kg	40 - 140	30	8082A
PCB-1221	< 0.02	< 0.02 (%R N/A)	< 0.02 (%R N/A) (RPD N/A)	10/10/2017	mg/kg			8082A
PCB-1232	< 0.02	< 0.02 (%R N/A)	< 0.02 (%R N/A) (RPD N/A)	10/10/2017	mg/kg			8082A
PCB-1242	< 0.02	< 0.02 (%R N/A)	< 0.02 (%R N/A) (RPD N/A)	10/10/2017	mg/kg			8082A
PCB-1248	< 0.02	< 0.02 (%R N/A)	< 0.02 (%R N/A) (RPD N/A)	10/10/2017	mg/kg			8082A
PCB-1254	< 0.02	< 0.02 (%R N/A)	< 0.02 (%R N/A) (RPD N/A)	10/10/2017	mg/kg			8082A
PCB-1260	< 0.02	0.13 (100 %R)	0.14 (105 %R) (5 RPD)	10/10/2017	mg/kg	40 - 140	30	8082A
PCB-1262	< 0.02	< 0.02 (%R N/A)	< 0.02 (%R N/A) (RPD N/A)	10/10/2017	mg/kg			8082A
PCB-1268	< 0.02	< 0.02 (%R N/A)	< 0.02 (%R N/A) (RPD N/A)	10/10/2017	mg/kg			8082A
TMX (surr)	88 %R	89 %R	91 %R	10/10/2017	% Rec	30 - 150	30	8082A
DCB (surr)	106 %R	104 %R	106 %R	10/10/2017	% Rec	30 - 150	30	8082A

Samples were extracted and analyzed within holding time limits.

Instrumentation was calibrated in accordance with the method requirements.

The method blanks were free of contamination at the reporting limits.

Sample surrogate recoveries met the above stated criteria.

The associated matrix spikes and/or Laboratory Control Samples met acceptance criteria.

There were no exceptions in the analyses, unless noted.

*! Flagged analyte recoveries deviated from the QA/QC limits. Unless noted below, flagged analytes that exceed acceptance limits in the Quality Control sample were not detected in the field samples.



QC REPORT

EAI ID#: **174408**

Client: **Nobis Engineering**

Batch ID: 636431-58878/S100917PCB2

Client Designation: **Millinocket Mill Administration | 80108.14**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
PCB-1016	< 0.02	0.12 (93 %R)	0.12 (92 %R) (1 RPD)	10/10/2017	mg/kg	40 - 140	30	8082A
PCB-1221	< 0.02	< 0.02 (%R N/A)	< 0.02 (%R N/A) (RPD N/A)	10/10/2017	mg/kg			8082A
PCB-1232	< 0.02	< 0.02 (%R N/A)	< 0.02 (%R N/A) (RPD N/A)	10/10/2017	mg/kg			8082A
PCB-1242	< 0.02	< 0.02 (%R N/A)	< 0.02 (%R N/A) (RPD N/A)	10/10/2017	mg/kg			8082A
PCB-1248	< 0.02	< 0.02 (%R N/A)	< 0.02 (%R N/A) (RPD N/A)	10/10/2017	mg/kg			8082A
PCB-1254	< 0.02	< 0.02 (%R N/A)	< 0.02 (%R N/A) (RPD N/A)	10/10/2017	mg/kg			8082A
PCB-1260	< 0.02	0.13 (100 %R)	0.14 (101 %R) (1 RPD)	10/10/2017	mg/kg	40 - 140	30	8082A
PCB-1262	< 0.02	< 0.02 (%R N/A)	< 0.02 (%R N/A) (RPD N/A)	10/10/2017	mg/kg			8082A
PCB-1268	< 0.02	< 0.02 (%R N/A)	< 0.02 (%R N/A) (RPD N/A)	10/10/2017	mg/kg			8082A
TMX (surr)	87 %R	86 %R	89 %R	10/10/2017	% Rec	30 - 150	30	8082A
DCB (surr)	104 %R	101 %R	103 %R	10/10/2017	% Rec	30 - 150	30	8082A

Samples were extracted and analyzed within holding time limits.

Instrumentation was calibrated in accordance with the method requirements.

The method blanks were free of contamination at the reporting limits.

Sample surrogate recoveries met the above stated criteria.

The associated matrix spikes and/or Laboratory Control Samples met acceptance criteria.

There were no exceptions in the analyses, unless noted.

*! Flagged analyte recoveries deviated from the QA/QC limits. Unless noted below, flagged analytes that exceed acceptance limits in the Quality Control sample were not detected in the field samples.



QC REPORT

EAI ID#: 174408

Client: Nobis Engineering

Batch ID: 636432-44203/S101017PCB1

Client Designation: Millinocket Mill Administration | 80108.14

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
PCB-1016	< 0.02	0.13 (94 %R)	0.13 (96 %R) (2 RPD)	10/11/2017	mg/kg	40 - 140	30	8082A
PCB-1221	< 0.02	< 0.02 (%R N/A)	< 0.02 (%R N/A) (RPD N/A)	10/11/2017	mg/kg			8082A
PCB-1232	< 0.02	< 0.02 (%R N/A)	< 0.02 (%R N/A) (RPD N/A)	10/11/2017	mg/kg			8082A
PCB-1242	< 0.02	< 0.02 (%R N/A)	< 0.02 (%R N/A) (RPD N/A)	10/11/2017	mg/kg			8082A
PCB-1248	< 0.02	< 0.02 (%R N/A)	< 0.02 (%R N/A) (RPD N/A)	10/11/2017	mg/kg			8082A
PCB-1254	< 0.02	< 0.02 (%R N/A)	< 0.02 (%R N/A) (RPD N/A)	10/11/2017	mg/kg			8082A
PCB-1260	< 0.02	0.14 (101 %R)	0.14 (103 %R) (2 RPD)	10/11/2017	mg/kg	40 - 140	30	8082A
PCB-1262	< 0.02	< 0.02 (%R N/A)	< 0.02 (%R N/A) (RPD N/A)	10/11/2017	mg/kg			8082A
PCB-1268	< 0.02	< 0.02 (%R N/A)	< 0.02 (%R N/A) (RPD N/A)	10/11/2017	mg/kg			8082A
TMX (surr)	90 %R	89 %R	92 %R	10/11/2017	% Rec	30 - 150	30	8082A
DCB (surr)	103 %R	106 %R	108 %R	10/11/2017	% Rec	30 - 150	30	8082A

Samples were extracted and analyzed within holding time limits.

Instrumentation was calibrated in accordance with the method requirements.

The method blanks were free of contamination at the reporting limits.

Sample surrogate recoveries met the above stated criteria.

The associated matrix spikes and/or Laboratory Control Samples met acceptance criteria.

There were no exceptions in the analyses, unless noted.

*!! Flagged analyte recoveries deviated from the QA/QC limits. Unless noted below, flagged analytes that exceed acceptance limits in the Quality Control sample were not detected in the field samples.

174408

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18-10-19

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-1022

CHAIN-OF-CUSTODY RECORD

BOLD FIELDS REQUIRED. PLEASE CIRCLE REQUESTED ANALYSIS.

For Lab Use Only

174408

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SAMPLE I.D.	SAMPLING DATE / TIME *IF COMPOSITE, INDICATE BOTH START & FINISH DATE / TIME	MATRIX (SEE BELOW) GRAB / *COMPOSITE	VOC		SVOC		TCMP METALS		INORGANICS		MICRO		OTHER	NOTES MOH Vial #					
			8021 BTEX HALOS	8015 GRO MAVPH	8270 625 SVTICS EDB DBCP ABN A BN PAH	TPH8100 LI L2	8015 DRO MAEPH	PEST 608 PCB 608 PEST 8081 PCB 8082	OIL & GREASE 1664 TPH 1664	TCMP 1311 ABN METALS VOC PEST HERB	DISSOLVED METALS (LIST BELOW)	TOTAL METALS (LIST BELOW)			TS TSS TDS SPEC. CON.	Br Cl F SO ₄ NO ₂ NO ₃ NO ₃ NO ₂	BOD CBOD T. ALK.	TKN NH ₃ T. PHOS. O. PHOS.	pH T. RES. CHLORINE
PCB-7A	10/3/17, 0755	Gr																	
PCB-7B	10/3/17, 0800																		
PCB-7C	10/3/17, 0805																		
PCB-8A	10/3/17, 0815																		
PCB-8B	10/3/17, 0820																		
PCB-8C	10/3/17, 0825																		
PCB-9A	10/3/17, 0835																		
PCB-9B	10/3/17, 0840																		
PCB-9C	10/3/17, 0845																		
MATRIX: A-AIR; S-SOIL; GW-GROUND WATER; SW-SURFACE WATER; DW-DRINKING WATER; WW-WASTE WATER PRESERVATIVE: H-HCL; N-HNO ₃ ; S-H ₂ SO ₄ ; Na-NaOH; M-MECH																			

PROJECT MANAGER: Tim Andrews
 COMPANY: Noble's Engineering, Inc.
 ADDRESS: 18 Chenell Dr. STATE: NH ZIP: 03301
 CITY: Concord
 PHONE: 603-224-4182 EXT.:
 FAX: 603-224-2502
 E-MAIL: T.Andrews@nobleseng.com
 SITE NAME: William's Hill Administration
 PROJECT #: 8210814
 STATE: NH MA ME VT OTHER
 REGULATORY PROGRAM: NPDES: RGP POTW STORMWATER OR
 GWP, OIL FUND, BROWNFIELD OR OTHER:

QUOTE #: PO #:

DATE NEEDED: Standard TAT
 QA/QC REPORTING LEVEL
 A B C
 OR
 PRESUMPTIVE CERTAINTY
 SAMPLER(S): Eric Carls
 ANALYST: 10/3/17
 RECEIVED BY: 10/3/17
 RECEIVED BY:

REPORTING OPTIONS
 PRELIMS YES OR NO
 ELECTRONIC OPTIONS
 E-MAIL PDF EQUIS EXCEL

TEMP. 0.0 °C
 ICE? YES NO

METALS: 8 RDA 13 PP FE, MN Pb, Cu
 OTHER METALS:
 SAMPLES FIELD FILTERED? ☐ YES ☐ NO
 NOTES: (IE SPECIAL DETECTION LIMITS, BILLING INFO, IF DIFFERENT)
 SITE HISTORY:
 SUSPECTED CONTAMINATION:
 FIELD READINGS:

1

MATRIX: A-Air; S-Soil; GW-Ground Water; SW-Surface Water; DW-Drinking Water;
WW-Waste Water

PRESERVATIVE: H-HCl; N-HNO₃; S-H₂SO₄; Na-NaOH; M-MeOH

METALS: 8 RCRA 13 PP Fe, Mn Pb, Cu

OTHER METALS:

SAMPLES FIELD FILTERED? ☐ YES ☐ NO

NOTES: (IE: SPECIAL DETECTION LIMITS, BILLING INFO, IF DIFFERENT)

1

ANALYTICAL.COM

GREEN: PROJECT MANAGER)

25 CHENELL DRIVE | CONCOR, NH 03301 | TEL: 603.228.0555 | 1.800.287.0525 | E-MAIL: CUSTOMERSERVICE@EASTERNANALYTICAL.COM | WWW.EASTERNANALYTICAL.COM

(WHITE: ORIGINAL GREEN: PROJECT MANAGER)

