

Mr. Harry T. Stewart, P.E.
Normandeau Associates, Inc.
25 Nashua Road
Bedford, NH 03110

February 12, 2019
Project No. 4422.00

Re: Project No. 4422.00
Results of Hazardous Building Materials Assessment
1 Barrette Drive
Manchester, New Hampshire

Dear Mr. Stewart:

Sanborn, Head & Associates, Inc. (Sanborn Head) is pleased to provide a summary of the Hazardous Building Materials Assessment for the above-referenced site.

On January 8, 2019, Richard Lent and Jeff Brown from The Lawson Group conducted a Hazardous Materials Survey, and a representative from Sanborn Head accompanied them. John Hagopian, the Manchester-Boston Regional Airport Environmental Compliance Specialist, met both parties on site to provide access to the building. The Lawson Group (TLG) performed an inspection for asbestos-containing building materials (ACM), lead paint, PCB-containing building materials, and other potentially hazardous materials to help inform the Airport of hazardous materials that may be disturbed by the planned demolition of the building.

A summary of TLG's findings is provided below, and their full report can be found in Attachment A.

Asbestos:

TLG inspected all accessible areas of the building to document the presence of ACM in interior and exterior building materials. Twenty-seven (27) samples were collected. TLG's own accredited laboratory performed the analysis for asbestos via method EPA-600/M4-82-020. Analytical results of the samples indicate the presence of ACM in the following four building materials: roofing material (top and bottom sections), black mastic adhesive under carpeting, and cement board used in the exterior soffit. Because limited exploratory demolition was performed to identify areas of hidden ACM, additional ACM could be present in areas of limited accessibility.

State and Federal regulations require the abatement of ACM prior to demolition. In this case, abatement would include the removal and proper disposal of all identified ACM by a New Hampshire-licensed asbestos abatement contractor.

Lead Paint:

TLG collected two representative paint chip samples from painted surfaces throughout the building and submitted the samples to EHS Laboratories of Richmond, Virginia, where they were analyzed for lead via USEPA Method SW846 7000B. Analytical results indicate that neither of the samples exceeded the Department of Housing and Urban Development (HUD) guideline for lead paint of 0.5%.

PCB:

The PCB-containing materials survey focused on caulking materials as the primary potential source of PCBs. TLG collected two representative samples of caulking materials and sub-contracted EHS Laboratories to perform analysis for PCBs via USEPA Method SW846 8082A. The results of the laboratory analysis indicate that no PCBs were detected in either of the samples.

Additional Potentially Hazardous Materials:

TLG noted the presence of other potentially hazardous materials throughout the building, including: fluorescent lights, various cleaning products (in the bathrooms), one potentially mercury-containing thermostat switch, fire extinguishers, and appliances (one stove, two microwaves, and one refrigerator).

Please take the itemized findings into consideration during demolition activities and let us know if we can provide any additional assistance in the process.

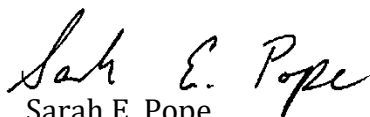
Very truly yours,
SANBORN, HEAD & ASSOCIATES, INC.



Patrick D. Troy, P.G.
Project Manager



Charles A. Crocetti, Ph.D., P.G.
Senior Vice President and Principal



Sarah E. Pope
Project Engineer

PDT/CAC/SEP: sep

Encl. The Lawson Group Hazardous Materials Survey Report



The
**LAWSON
GROUP**

Thinking. Without the Box.

PO Box 3304
Concord, NH 03302

603 228 3610
800 544 8434

thelawsongroup.com

January 22, 2019

Mr. Patrick Troy
Sanborn Head & Associates, Inc.
30 Foundry Street
Concord, New Hampshire 03301

Re: Hazardous Materials Survey – 1 Barrette Drive, Manchester, New Hampshire
TLG File Number 18-6090

Dear Mr. Troy:

Please find attached a report of the results of our Hazardous Materials/Asbestos Survey that was conducted on January 8, 2019 for Sanborn Head & Associates, Inc.

Thank you for utilizing the services of The Lawson Group. We enjoyed working with you on this project and would welcome the opportunity to work with you on future projects. We trust that you will find everything in order; however, should you have any questions, please contact me at your earliest convenience.

Sincerely,

The Lawson Group

Jeff Brown
Manager of Consulting Services
State of NH Asbestos Inspector License No. AI 000380

enclosures



Mr. Patrick Troy

Sanborn Head & Associates, Inc.
20 Foundry Street
Concord, New Hampshire 03301

RE: Hazardous Materials/Asbestos Survey

1 Barrette Drive
Manchester, New Hampshire

TLG File Number 18-6090

Prepared By: Jeff Brown

Report Date: January 22, 2019



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Introduction:

On January 8, 2019, Senior Safety & Health Professionals with The Lawson Group (TLG) performed an inspection for Asbestos-Containing Building Materials (ACM) at the property located at 1 Barrette Drive in Manchester, New Hampshire. In addition to suspect ACM, TLG inspected or screened for Lead Paint, Polychlorinated biphenyl (PCB), and other potentially hazardous materials that could be impacted by the planned demolition of the building.

Discussion:

Asbestos Survey:

The Survey included all accessible areas of the building. The Survey was conducted to document the presence of ACM in interior and exterior building materials that may be impacted during scheduled demolition, as required by State of New Hampshire and the United States Environmental Protection Agency (EPA), National Emission Standards for Hazardous Air Pollutants (NESHAP), regulations.

Based on the analytical results for the bulk samples collected, ACM are present in four (4) different building materials sampled.

During the survey, 27 samples were collected from the property following guidelines in the Asbestos Hazard Emergency Response Act (AHERA), and was performed to comply with the EPA, NESHAP, and State of New Hampshire Department of Environmental Services (NH DES) Env-A 1804.01 regulations, which require a thorough inspection for ACBM be conducted prior to any demolition/renovation of a facility. Suspect materials were analyzed for Asbestos content at an accredited laboratory. According to Federal and State regulations, materials containing greater than one percent (> 1%) Asbestos by dry weight are considered to be Asbestos-containing.

TLG performed only limited exploratory demolition in representative locations in an attempt to identify areas where hidden ACM may be present. Since not all of these types of locations could be accessed, additional ACM may be present in these areas, and care should be utilized when opening wall or ceiling chases.



Asbestos-Containing Building Materials:

ACM	General Location	% Asbestos
Roofing Material - Top and Bottom Sections	Exterior	10 % Chrysotile
Black Mastic	Front Section under carpet	4 % Chrysotile
Cement Board	Exterior Soffit	15 % Chrysotile

ACM must be abated in accordance with the State of New Hampshire and Federal requirements prior to activities such as renovation or demolition, which may directly disturb these materials.

Abatement in this case would include the removal and proper disposal by a New Hampshire licensed Asbestos Abatement Contractor of all listed ACM. Following this, and removal, disposal or recycling of the other listed hazardous or potentially hazardous, the buildings could be scheduled for demolition.

No Asbestos was detected in the following materials that were sampled and analyzed during the survey.

Non-Asbestos Materials:

Material	General Location
12 x 12 Dark Red Floor Tile and associated Mastic	Bathroom
Linoleum Flooring	
White Linoleums	Kitchen and Bathroom
Ceiling Tiles (Old and New Style)	Throughout Building
Gypsum Wall Board and Joint Compound	
Textured wall Material	
Yellow Carpet Mastic	



TLG did not inspect below grade on the concrete slab or the exterior grounds. If a suspect material not identified and sampled as part of this survey is found, it should be assumed to be Asbestos-containing until further sampling and analysis can be performed.

The analytical results for the Asbestos samples are in Appendix A.

Lead-Based Paint:

During the Survey, TLG collected representative paint chip samples from painted surfaces with the most common colors at the buildings included in the inspection.

TLG collected two (2) representative paint chip and submitted them to an accredited laboratory to be analyzed for Lead content.

Neither of the collected samples were above the HUD guideline for Lead (> 0.5% Lead by dry weight).

The analytical results for the Lead samples are in Appendix B.

PCB Survey:

The intent of the PCB Survey was to screen Caulking Materials in the building for PCB content. TLG collected two (2) samples of representative caulking materials and submitted them to the laboratory to be analyzed for PCB content.

No PCB was detected in either of the samples collected. The EPA PCB bulk material limit is 50 parts per million (50 ppm).

The analytical results for the PCB samples are in Appendix C.



Other Potentially Hazardous Materials:

Some potentially hazardous materials were noted in many locations throughout the building. These materials must also be removed, recycled or properly disposed of before demolition.

- **Fluorescent Lights** – Bulbs and/or ballasts should be removed for proper disposal prior to demolition.
- **Cleaning Products** – One (1) bottle of each of the following were found: Clorox Bleach, Fantastik, Windex, Vani-sol Cleaner, 409 Cleaner, No-Acid Disinfectant Bathroom Cleaner, and Glass Cleaner, all these cleaners were found in the Bathrooms.
- **Mercury Thermostat Switch** – One (1) is in the Building.
- **Fire Extinguisher(s)** – Located throughout Building.
- **Appliances**- One (1) Stove, two (2) Microwaves, and One (1) Refrigerator.

As stated previously, ACM and any other hazardous materials must be removed or recycled in accordance with the State of New Hampshire and Federal requirements prior to activities such as renovation or demolition, which may directly disturb these materials.

Demolition Contractors that TLG have worked with can act as a General Contractor for the removal and recycling of the listed ACM and other waste. In such situations they would sub-contract the ACM removal to a licensed Abatement Contractor.

In addition, they would recycle or properly dispose of the other waste according to applicable regulations, before demolishing the buildings and performing any other site grading that may be required by Sanborn Head & Associates, Inc.

WARRANTY

The conclusions and recommendations contained in this report are based on information available to TLG as of January 8, 2018. TLG provides no warranties on information provided by third parties and contained herein. Data compiled were in accordance with TLG's approved scope of services and should not be construed beyond their limitations. Any interpretations or use of this report other than those expressed herein are not warranted. The use, partial use, or duplication of this report without the expressed written consent of The Lawson Group is strictly prohibited.



APPENDIX A
ASBESTOS
Bulk Sample Analysis Results

JOB # : 18-6090
Client: Sanborn Head & Associates, Inc.

Report Date: 1/16/2019
Date Sampled : 1/8/2019
Analysis: Asbestos by Polarized Light Microscopy

Collected by: Dick Lent
Client Project: Hazardous Materials Inspection ~1 Barrett
Road, Manchester
Date Received: January 9, 2019
Analyst: MLP



Methodology: EPA-600/M4-82-020 / 600/R-93/116 July 1993

Batch#: B19-15787

20 Chenell Drive Concord, NH 03301
603-228-3610

TLG Lab #	Date Analyzed	Sample Description	Homo- geneous	Layered	Fibrous	Color	Asbestos Asbestos Present (yes or ND)	Asbestos Type and %			Other Fibrous Material and %				% Non- fibrous Materials
								Chrysotile	Amosite	Crocidolite	Fiberglass	Cellulose	Synthetic	Other	
404665	1/15/2019	B01A 12x12 Dark red floor tile- bathroom	No	No	No	Red	ND	ND	ND	ND	ND	ND	ND	ND	100
404666	1/15/2019	B01B 12x12 Dark red floor tile- bathroom	No	No	No	Red	ND	ND	ND	ND	ND	ND	ND	ND	100
404667	1/15/2019	B02A Mastic on 12x12 Dark red floor tile- bathroom	No	No	Yes	Beige	ND	ND	ND	ND	ND	ND	2	ND	98
404668	1/15/2019	B02B Mastic on 12x12 Dark red floor tile- bathroom	No	No	Yes	Beige	ND	ND	ND	ND	ND	ND	2	ND	98
404669	1/15/2019	B03A off white linoleum floor bathroom*	No	Yes	No	Beige	ND	ND	ND	ND	ND	ND	ND	ND	100
404670	1/15/2019	B03B off white linoleum floor bathroom*	No	Yes	No	Beige	ND	ND	ND	ND	ND	ND	ND	ND	100
404671	1/15/2019	B04A Roof- Lower Section*	No	Yes	Yes	Black	Yes	10	ND	ND	ND	10	ND	ND	80
404673	1/15/2019	B04B Roof- Lower Section*	No	Yes	Yes	Black	Yes	10	ND	ND	ND	5	ND	ND	85
404676	1/15/2019	B05A Roof- Top Section*	No	Yes	Yes	Black, Silver	Yes	10	ND	ND	5	5	ND	ND	80
404681	1/15/2019	B05B Roof- Top Section*	No	Yes	Yes	Black, Silver	Yes	10	ND	ND	ND	10	ND	ND	80
404682	1/15/2019	B06A New Style of Ceiling Tile*	No	Yes	Yes	Beige, White	ND	ND	ND	ND	30	30	ND	ND	40
404683	1/15/2019	B06B New Style of Ceiling Tile*	No	Yes	Yes	Beige, White	ND	ND	ND	ND	30	30	ND	ND	40

JOB # : 18-6090
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Methodology: EPA-600/M4-82-020 / 600/R-93/116 July 1993

Batch#: B19-15787

20 Chenell Drive Concord, NH 03301
603-228-3610

003-228-3010

TLG Lab #	Date Analyzed	Sample Description	Homo- geneous	Layered	Fibrous	Color	Asbestos Asbestos Present (yes or ND)	Asbestos Type and %			Other Fibrous Material and %				% Non- fibrous Materials
								Chrysotile	Amosite	Crocidolite	Fiberglass s	Cellulose	Synthetic	Other	
404684	1/15/2019	B07A Old Style of Ceiling Tile*	No	Yes	Yes	Beige, White	ND	ND	ND	ND	35	30	ND	ND	35
404685	1/15/2019	B07B Old Style of Ceiling Tile*	No	Yes	Yes	Beige, White	ND	ND	ND	ND	35	30	ND	ND	35
404686	1/15/2019	B07C Old Style of Ceiling Tile*	No	Yes	Yes	Beige, White	ND	ND	ND	ND	35	30	ND	ND	35
404687	1/15/2019	B08A Yellow Carpet Mastic- Middle Front Room	No	No	Yes	Tan	ND	ND	ND	ND	<1	<1	ND	ND	>98
404688	1/15/2019	B08B Yellow Carpet Mastic- Rear Room	No	No	Yes	Tan	ND	ND	ND	ND	<1	<1	ND	ND	>98
404690	1/15/2019	B08C Yellow Carpet Mastic- Rear Room	No	No	Yes	Tan	ND	ND	ND	ND	ND	<1	ND	ND	>99
404692	1/15/2019	B09 Black Mastic- Front Section	No	No	Yes	Black	Yes	4	ND	ND	ND	<1	ND	ND	>95
404694	1/15/2019	B10A Gypsum wall Board/Joint Compound	No	Yes	Yes	White, Brown	ND	ND	ND	ND	ND	5	ND	ND	95
404695	1/15/2019	B10B Gypsum wall Board/Joint Compound***	No	Yes	Yes	White, Brown	Yes	<1	ND	ND	ND	5	ND	ND	>94
404697	1/15/2019	B10C Gypsum wall Board/Joint Compound***	No	Yes	Yes	White, Brown	Yes	<1	ND	ND	ND	5	ND	ND	>94
404699	1/15/2019	B11A Textured Wall Material- Front*	No	Yes	No	White, Blue	ND	ND	ND	ND	ND	ND	ND	ND	100
404701	1/15/2019	B11B Textured Wall Material- Front*	No	Yes	No	White, Blue	ND	ND	ND	ND	ND	ND	ND	ND	100

JOB # : 18-6090
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Methodology: EPA-600/M4-82-020 / 600/R-93/116 July 1993

Batch#: B19-15787

20 Chenell Drive Concord, NH 03301
 603-228-3610

TLG Lab #	Date Analyzed	Sample Description	Homo- geneous	Layered	Fibrous	Color	Asbestos Asbestos Present (yes or ND)	Asbestos Type and %			Other Fibrous Material and %				% Non- fibrous Materials
								Chrysotile	Amosite	Crocidolite	Fiberglass	Cellulose	Synthetic	Other	
404702	1/15/2019	B11C Textured Wall Material- Front*	No	Yes	No	White, Blue	ND	ND	ND	ND	ND	ND	ND	ND	100
404703	1/15/2019	B12 Wire Coating*	No	Yes	Yes	Brown	ND	ND	ND	ND	ND	ND	10	ND	90
404704	1/15/2019	B13 Exterior-Transite Board*	No	Yes	Yes	Gray, White	Yes	15	ND	ND	ND	ND	ND	ND	85

JOB # : 18-6090
Client: Sanborn Head & Associates, Inc.

Report Date: 1/16/2019
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Analysis: Asbestos by Polarized Light Microscopy

Methodology: EPA-600/M4-82-020 / 600/R-93/116 July 1993

Collected by: Dick Lent
Client Project: Hazardous Materials Inspection ~1 Barrett
Road, Manchester
Date Received: January 9, 2019
Analyst: MLP



20 Chenell Drive Concord, NH 03301
603-228-3610

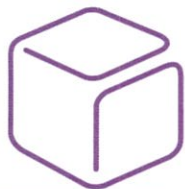
This Polarized Light Microscopy report relates only to items tested. Client should not use the NVLAP to claim endorsement. PLM by visual area estimation can produce errors of 10%. Results near the 1% level can be more accurately quantified by the point count method or Transmission Electron Microscopy. TLG laboratory certifications apply only to samples analyzed in-house. NVLAP Lab Code 101228-0.

<: Less than.
ND: None Detected
*: Sample analyzed as a composite.
**: Sample analyzed as a composite; could not separate layers.
***: Sample reported as a composite; layers analyzed separately.
TTP: Test 'til positive, not analyzed

Reviewed By *Helen M. Engien*

Approved By *Melanie Perry*
Melanie Perry, Lab Manager

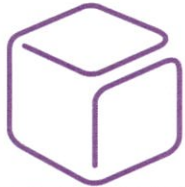
 The LAWSON GROUP <i>Thinking Without the Box.</i> 20 Chenell Drive Concord, New Hampshire 03301 Ph: (603) 228-3610, Fax: (603) 228-3871 www.thelawsongroup.com					Submitting Co.: The Lawson Group		TLG Job #: 18-6090					
					Address: 20 Chenell Drive		Client Project: Sanborn Head & Associates, Inc. - Hazardous Materials Inspection ~1 Barrett Road, Manchester					
					Concord, NH 03301		Client PO:					
Turnaround Time	5 Days	<i>*Not available for all tests. Schedule rush and weekend tests in advance.</i>			Attention:		Sampled By: Dick Lent					
Sample Matrix Type	Bulk											
Comments:	B19-15787			Phone: 603-228-3610		Fax:	email:					
<i>All samples on this form should be of the SAME matrix type. Use additional forms as needed.</i>											Samples received in good condition? ☒	
SLGL Lab #	Sample Identification	Sample Description	Analysis Desired	Date Sampled	Time	Media/ Container Type	Preservative	4°C	Swab/Wipe Area	Sample Volume (L)	Total Sample Time (Minutes)	
404665	18-6090-201901089128	B01A 12x12 Dark red floor tile-bathroom	PLM	01-08-2019	14:04	Bulk Bag						
404666	18-6090-201901089129	B01B 12x12 Dark red floor tile-bathroom	PLM	01-08-2019	14:04	Bulk Bag						
404667	18-6090-201901089130	B02A Mastic on 12x12 Dark red floor tile- bathroom	PLM	01-08-2019	14:04	Bulk Bag						
404668	18-6090-201901089131	B02B Mastic on 12x12 Dark red floor tile- bathroom	PLM	01-08-2019	14:04	Bulk Bag						
404669	18-6090-201901089132	B03A off white linoleum floor bathroom	PLM	01-08-2019	14:04	Bulk Bag						
404670	18-6090-201901089133	B03B off white linoleum floor bathroom	PLM	01-08-2019	14:04	Bulk Bag						
404671	18-6090-201901089134	B04A Roof- Lower Section	PLM	01-08-2019	14:04	Bulk Bag						
Sample Collection and Custody Information				Samples Shipped Via:								
Relinquished By: Jeff Brown				Date/Time: 11/8/19- 2pm		Received By: Helen H. G...				Date/Time: 11/9/19 9:35a		
Relinquished By:				Date/Time:		Received By:				Date/Time:		
<i>A Note to Customer: by signing and relinquishing your samples to the laboratory, you agree with the terms and conditions found on the back of this Chain of Custody Form.</i>												

 The LAWSON GROUP Thinking. Without the Box. 20 Chenell Drive Concord, New Hampshire 03301 Ph: (603) 228-3610, Fax: (603) 228-3871 www.thelawsongroup.com					Submitting Co.: The Lawson Group		TLG Job #: 18-6090				
					Address: 20 Chenell Drive		Client Project: Sanborn Head & Associates, Inc. - Hazardous Materials Inspection ~1 Barrett Road, Manchester				
					Concord, NH 03301		Client PO:				
Turnaround Time	5 Days	*Not available for all tests. Schedule rush and weekend tests in advance.			Attention:		Sampled By: Dick Lent				
Sample Matrix Type	Bulk				Phone: 603-228-3610 Fax:		email:				
Comments:											
All samples on this form should be of the SAME matrix type. Use additional forms as needed.											
SLGL Lab #	Sample Identification	Sample Description	Analysis Desired	Date Sampled	Time	Media/ Container Type	Preservative	4°C	Swab/Wipe Area	Sample Volume (L)	Total Sample Time (Minutes)
404673	18-6090-201901089136	B04B Roof- Lower Section	PLM	01-08-2019	14:04	Bulk Bag					
404676	18-6090-201901089139	B05A Roof- Top Section	PLM	01-08-2019	14:04	Bulk Bag					
404681	18-6090-201901089144	B05B Roof- Top Section	PLM	01-08-2019	14:04	Bulk Bag					
404682	18-6090-201901089145	B06A New Style of Ceiling Tile	PLM	01-08-2019	14:04	Bulk Bag					
404683	18-6090-201901089146	B06B New Style of Ceiling Tile	PLM	01-08-2019	14:04	Bulk Bag					
404684	18-6090-201901089147	B07A Old Style of Ceiling Tile	PLM	01-08-2019	14:04	Bulk Bag					
404685	18-6090-201901089148	B07B Old Style of Ceiling Tile	PLM	01-08-2019	14:04	Bulk Bag					

Sample Collection and Custody Information		Samples Shipped Via:	
Relinquished By: Jeff Brown	Date/Time: 1/8/19- 2pm	Received By: Helen M. Gize	Date/Time: 1/9/19 935a
Relinquished By:	Date/Time:	Received By:	Date/Time:
A Note to Customer: by signing and relinquishing your samples to the laboratory, you agree with the terms and conditions found on the back of this Chain of Custody Form.			

 The LAWSON GROUP Thinking. Without the Box.				20 Chenell Drive Concord, New Hampshire 03301 Ph: (603) 228-3610, Fax: (603) 228-3871 www.thelawsongroup.com				Submitting Co.: The Lawson Group		TLG Job #: 18-6090			
				Address: 20 Chenell Drive				Client Project: Sanborn Head & Associates, Inc. - Hazardous Materials Inspection ~1 Barrett Road, Manchester					
				Concord, NH 03301				Client PO:					
Turnaround Time		5 Days		<i>*Not available for all tests. Schedule rush and weekend tests in advance.</i>				Attention:		Sampled By: Dick Lent			
Sample Matrix Type		Bulk						Phone: 603-228-3610		Fax:			
Comments:								email:					
<i>All samples on this form should be of the SAME matrix type. Use additional forms as needed.</i>												Samples received in good condition? ☒	
SLGL Lab #	Sample Identification	Sample Description	Analysis Desired	Date Sampled	Time	Media/ Container Type	Preservative	4°C	Swab/Wipe Area	Sample Volume (L)	Total Sample Time (Minutes)		
404686	18-6090-201901089149	B07C Old Style of Ceiling Tile	PLM	01-08-2019	14:04	Bulk Bag							
404687	18-6090-201901089150	B08A Yellow Carpet Mastic- Middle Front Room	PLM	01-08-2019	14:04	Bulk Bag							
404688	18-6090-201901089151	B08B Yellow Carpet Mastic- Rear Room	PLM	01-08-2019	14:04	Bulk Bag							
404690	18-6090-201901089153	B08C Yellow Carpet Mastic- Rear Room	PLM	01-08-2019	14:04	Bulk Bag							
404692	18-6090-201901089155	B09 Black Mastic- Front Section	PLM	01-08-2019	14:04	Bulk Bag							
404694	18-6090-201901089157	B10A Gypsum wall Board/Joint Compound	PLM	01-08-2019	14:04	Bulk Bag							
404695	18-6090-201901089158	B10B Gypsum wall Board/Joint Compound	PLM	01-08-2019	14:04	Bulk Bag							

Sample Collection and Custody Information		Samples Shipped Via:	
Relinquished By:	<i>Jeff Brann</i>	Date/Time:	<i>1/8/19 2pm</i>
Relinquished By:		Date/Time:	
		Received By:	<i>Heather Enzi</i>
		Received By:	
		Date/Time:	<i>1/9/19 935</i>
		Date/Time:	
<i>A Note to Customer: by signing and relinquishing your samples to the laboratory, you agree with the terms and conditions found on the back of this Chain of Custody Form.</i>			

 The LAWSON GROUP Thinking. Without the Box. 20 Chenell Drive Concord, New Hampshire 03301 Ph: (603) 228-3610, Fax: (603) 228-3871 www.thelawsongroup.com				Submitting Co.: The Lawson Group		TLG Job #: 18-6090					
				Address: 20 Chenell Drive		Client Project: Sanborn Head & Associates, Inc. - Hazardous Materials Inspection ~1 Barrett Road, Manchester					
				Concord, NH 03301		Client PO:					
Turnaround Time	5 Days	*Not available for all tests. Schedule rush and weekend tests in advance.		Attention:		Sampled By: Dick Lent					
Sample Matrix Type	Bulk										
Comments:				Phone: 603-228-3610	Fax:	email:					
All samples on this form should be of the SAME matrix type. Use additional forms as needed.										Samples received in good condition? ☒	
SLGL Lab #	Sample Identification	Sample Description	Analysis Desired	Date Sampled	Time	Media/ Container Type	Preservative	4°C	Swab/Wipe Area	Sample Volume (L)	Total Sample Time (Minutes)
404697	18-6090-201901089160	B10C Gypsum wall Board/Joint Compound	PLM	01-08-2019	14:04	Bulk Bag					
404699	18-6090-201901089162	B11A Textured Wall Material-Front	PLM	01-08-2019	14:04	Bulk Bag					
404701	18-6090-201901089164	B11B Textured Wall Material-Front	PLM	01-08-2019	14:04	Bulk Bag					
404702	18-6090-201901089165	B11C Textured Wall Material-Front	PLM	01-08-2019	14:04	Bulk Bag					
404703	18-6090-201901089166	B12 Wire Coating	PLM	01-08-2019	14:04	Bulk Bag					
404704	18-6090-201901089167	B13 Exterior-Transite Board	PLM	01-08-2019	14:04	Bulk Bag					

Sample Collection and Custody Information		Samples Shipped Via:	
Relinquished By: Jeff Brown	Date/Time: 7/8/19- 7pm	Received By: Heather Green	Date/Time: 1/9/19 9:35
Relinquished By:	Date/Time:	Received By:	Date/Time:
A Note to Customer: by signing and relinquishing your samples to the laboratory, you agree with the terms and conditions found on the back of this Chain of Custody Form.			

APPENDIX B
LEAD PAINT
Paint Chip Analysis Results



Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

Lead Paint Chip Analysis Report

Report Number: 19-01-01077

Client: The Scott Lawson Group Ltd.
20 Chenell Drive
Concord, NH 03301

Received Date: 01/10/2019
Analyzed Date: 01/15/2019
Reported Date: 01/15/2019

Project/Test Address: Sanborn Head & Associates Inc; Hazardous Materials Inspection; 1 Barrett Road; Manchester, NH

Collection Date: 01/08/2019

Client Number:
201023

Laboratory Results

Fax Number:
603-228-3871

Lab Sample Number	Client Sample Number	Collection Location	Pb (ug/g) ppm	% Pb by Wt.	Narrative ID
19-01-01077-001	B20	B20 EXTERIOR WHITE WINDOW TRIM PAINT	700	0.070	L04
19-01-01077-002	B21	B21 EXTERIOR WHITE METAL RAIL DECORATIVE PIECE	150	0.015	

Environmental Hazards Services, L.L.C

Client Number: 201023

Report Number: 19-01-01077

Project/Test Address: Sanborn Head & Associates Inc; Hazardous Materials
Inspection; 1 Barrett Road; Manchester, NH

Lab Sample Number	Client Sample Number	Collection Location	Pb (ug/g) ppm	% Pb by Wt.	Narrative ID
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Sample Narratives:

L04: Sample contains substantial amounts of substrate which may affect the calculated results with units of ppm and % by weight.

Preparation Method: ASTM E-1979-17

Analysis Method: EPA SW846 7000B

Reviewed By Authorized Signatory:

Melissa Kanode

Missy Kanode

QA/QC Clerk

The HUD lead guidelines for lead paint chips are 0.50% by Weight, 5000 ppm, or 1.0 mg/cm². The Reporting Limit (RL) for samples prepared by ASTM E-1979-17 is 10.0 ug Total Pb. The RL for samples prepared by EPA SW846 3050B is 25.0 ug Total Pb. Paint chip area and results are calculated based on area measurements determined by the client. All internal quality control requirements associated with this batch were met, unless otherwise noted.

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, etc., was provided by the client. Results reported above in mg/cm³ are calculated based on area supplied by client. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C.

ELLAP Accreditation through AIHA-LAP, LLC (100420), NY ELAP #11714.

LEGEND	Pb= lead	ug = microgram	ppm = parts per million
	ug/g = micrograms per gram	Wt. = weight	



EHS Laboratories™

Environmental Hazards Services, LLC

Lead Chain-of-Custody Form

SHIP TO: 7469 Whitepine Rd. Richmond, VA 23237

Phone: (800) 347-4010 FAX: (804) 275-4907

ONLINE CLIENT PORTAL AVAILABLE FOR ANALYSIS RESULTS AT:

www.leadlab.com

Company Name: The Lawson Group

Address: 20 Chenell Drive

Phone : 603-228-3610

Email : rlent@slgl.com

City/State/Zip: Concord, NH 03301

Account Number: 201023

Fax: 603-228-3871

Project Name / Testing Address: Sanborn Head & Associates, Inc.

Hazardous Materials Inspection - 1 Barnett Road, Manchester

Project City/State (Required): Manchester / NH

Collected By: Dick Lent

Certification Number: 18-6096

P.O. #: 18-6096

Do wipe samples submitted meet ASTM E1792 requirements? X Yes No

Sample Type - Key For Grid		Sample Location Abbreviations - Key For Grid		Surface Type for Dust Wipes - Key For Grid	
Single Dust Wipe	= DW Air = A	FR = Family Room	F = Front	1 = 1 st FL	BA = Bathroom
Paint Chip	= PC Soil = S	LR = Living Room	R = Rear	2 = 2 nd FL	DR = Dining Room
Composite Soil	= CS	DN = Den	LT = Left	RT = Right	KT = Kitchen
					BR = Bedroom
					O = Basement
					FL = Floor
					CP = Carpet
					SL = Window Sill
					WW = Window Well

TURN AROUND TIMES: IF NO TAT IS SPECIFIED, SAMPLE(S) WILL BE PROCESSED AND CHARGED AS 3 DAY TAT.

1 Day		2 Day		3 Day		* Same Day - Must Call Ahead		* Weekend - Must Call Ahead			
No.	Client Sample ID	Collection Date Time	Sample Type	Collection Location (LR, KT, LTFBR, RTRBR, etc.)	Surface Type	Area Length X Width in inches (Provide paint chip area only if requesting mg/cm2)	Paint Chip mg/cm2	Total Time (minutes)	Flow Rate (L/min)	Volume Total (Liters)	Comments
1	B20	01-08-2019 14:15 A.M./P.M.	PC	B20 Exterior White Window Trim Paint		X		X			
2	B21	01-08-2019 14:15 A.M./P.M.	PC	B21 Exterior White Metal Rail decorative piece		X		X			
3			PC			X		X			
4			PC			X		X			
5			PC			X		X			
6			PC			X		X			
7			PC			X		X			
8			PC			X		X			
9			PC			X		X			
10			PC			X		X			

Released by: Jeff Brown

Received by: 5010010110

Signature: [Signature]

Signature: [Signature]

Date/Time: 1/8/19 - 2pm

Date/Time: 1/10/19 2:45a

19-01-01077



Due Date:

01/15/2019

(Tuesday)

EL

APPENDIX C

PCB Analysis Results



Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

PCB Bulk Analysis Report

Client: The Scott Lawson Group Ltd.
20 Chenell Drive
Concord, NH 03301

Report Number: 19-01-01074

Received Date: 01/10/2019

Reported Date: 01/15/2019

Project/Test Address: Manchester NH; 18-6090; Manchester, NH

Client Number:

201023

Fax Number:

603-228-3871

Laboratory Results

Lab Sample Number: 19-01-01074-001
Client Sample Number: B100
Sample Matrix: Caulk
Reporting Limit (mg/kg): 0.98

Preparation Date: 01/11/2019
Analysis Date: 01/14/2019
Sample Weight (g): 1.021
Narrative ID:

Aroclor 1016 (mg/kg)	Aroclor 1221 (mg/kg)	Aroclor 1232 (mg/kg)	Aroclor 1242 (mg/kg)	Aroclor 1248 (mg/kg)	Aroclor 1254 (mg/kg)	Aroclor 1260 (mg/kg)	Aroclor 1262 (mg/kg)	Aroclor 1268 (mg/kg)
<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98

Lab Sample Number: 19-01-01074-002
Client Sample Number: B101
Sample Matrix: Caulk
Reporting Limit (mg/kg): 0.95

Preparation Date: 01/11/2019
Analysis Date: 01/14/2019
Sample Weight (g): 1.058
Narrative ID:

Aroclor 1016 (mg/kg)	Aroclor 1221 (mg/kg)	Aroclor 1232 (mg/kg)	Aroclor 1242 (mg/kg)	Aroclor 1248 (mg/kg)	Aroclor 1254 (mg/kg)	Aroclor 1260 (mg/kg)	Aroclor 1262 (mg/kg)	Aroclor 1268 (mg/kg)
<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95

Environmental Hazards Services, L.L.C

Client Number: 201023

Report Number: 19-01-01074

Project/Test Address: Manchester NH; 18-6090; Manchester, NH

Sample Narratives:

Preparation Method: EPA SW846 3550C

Analysis Method: EPA SW846 8082A

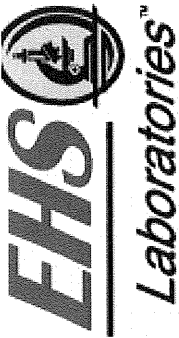
Reviewed By Authorized Signatory: Melissa Kanode

Missy Kanode

QA/QC Clerk

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. All internal quality control requirements associated with the batch were met, unless otherwise noted. Results represent the analysis of samples submitted by the client. Unless otherwise noted, samples are reported without a dry weight correction. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. Virginia Certification #460172 NY ELAP #11714.

Legend g = gram mg/kg = milligram per kilogram



PCB Chain-of-Custody Form

SHIP TO: 7469 Whitepine Rd. Richmond, VA 23237

Phone: (800) 347-4010 FAX: (804) 275-4907

ONLINE CLIENT PORTAL AVAILABLE FOR ANALYSIS RESULTS AT:

www.leadlab.com

Environmental Hazards Services, LLC

19-01-01074



Due Date:

01/17/2019

(Thursday)

EL

Company Name:

The Lawson Group

Account Number:

201023

Address:

20 CHENELL DRIVE

City/State/Zip:

CONCORD, NH / 03301

Phone:

603-228-3610

Email:

JEFF@SLGL.COM

Fax:

603-228-3871

P.O.#:

18-6090

Project Name / Testing Address:

MANCHESTER NH - 18-6090

City/State (Required):

MANCHESTER, NH

LAB USE: Cooler Receipt Info: Sufficient Ice: Yes/No Temp: Containers Preserved: Yes/No If no, explain Custody seal present/intact: Yes/No Initials: Date:

TURN AROUND TIMES: IF NO TAT IS SPECIFIED, SAMPLE(S) WILL BE PROCESSED AND CHARGED AS 5 - DAY TAT.

1 Day	2 Day	3 Day	5 Day
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No.	Client Sample ID	Collection		Extraction Method For Soil, Paint, Caulk or Bulk Ultrasonic Extraction will be used unless otherwise requested		Matrix							Area Sampled (cm ² Or Air Volume (L)	Grab or Composite	Comments		
						Ultrasonic	Soxhlet	Caulk	Air	Wipe	Oil	Soil				Paint	Other
1	B100	1/8/19	11 AM / PM	X		X											
2	B101	↓	↓ AM / PM	↓		↓											
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Released by:

JEFF BROWN

Signature:

[Signature]

Received by:

SNOWELL

Signature:

[Signature]

Date/Time: 1/8/19 2pm

Date/Time: 1/16/19 10:43am