# HAZARDOUS MATERIALS ASSESSMENT

for

# ASBESTOS, LEAD-BASED PAINT & PCBs

at

# **FORMER DENNY'S RESTAURANT**

# 1091 CONGRESS STREET PORTLAND, MAINE

NTC JOB #19047-2023

Prepared for:

Dave Dearden, Project Manager Senior Environmental Geologist Haley & Aldrich 75 Washington Avenue, Suite 1A Portland, Maine 04101

**September 22, 2023** 

Industrial Hygiene Consultants
Indoor Air Quality • Operations & Maintenance • Mold • Asbestos • Lead Based Paint Testing

September 22, 2023

Dave Dearden, Project Manager Senior Environmental Geologist Haley & Aldrich 75 Washington Avenue, Suite 1A Portland, Maine 04101

RE: Hazardous Materials Inspection for Asbestos, Lead & PCBs Former Denny's Restaurant 1091 Congress Street, Portland, Maine NTC Job #19047-2023

Dear Mr. Dearden,

Northeast Test Consultants has completed a Hazardous Materials Assessment for Asbestos, Lead-based paint and PCBs prior to the real estate transfer of the property located at 1091 Congress Street in Portland, Maine.

# **PROCEDURES**

On September 13, 2023, representatives of *Northeast Test Consultants* were on-site at the property location to perform survey and inspection work.

No formal analytical testing for any other specific item or chemical was performed or requested as part of the scope of services provided for this activity.

Any conclusions contained herein are limited by the scope of work performed; no warranty, expressed or implied, is indicated as to any subsurface conditions not specifically noted within this report. All reasonable and customary assessment procedures and explorations for determination of the potential for multiple floor layering and possible hidden materials were performed during the course of this assessment activity.

### Asbestos

The asbestos materials assessment consisted of a visual evaluation and sample collection of suspect asbestos materials encountered by accredited and certified ME DEP asbestos inspectors, Mike LeClair, ME DEP #AI-0924 and Deborah Knight, ME DEP #AI-0861.

The collection of suspect asbestos containing building materials was performed in accordance with the *State of Maine Department of Environmental Protection's* <u>Asbestos Management Regulations</u>, Chapter 425, Section 6, Inspection Requirements.

State of Maine Department of Environmental Protection's <u>Asbestos Management</u> <u>Regulations</u>, Chapter 425, effective date 4-3-2011, requires analysis of collected samples as follows:

- **A.** Surfacing materials, thermal system insulation and cementitious materials shall be analyzed using the PLM–EPA 600/R-93/116 Visual Estimation Method (1993).
- **B.** Non-friable Organically Bound materials (NOBs), including but not limited to floor tiles, asphalt shingles, caulking, glazing, mastics, coatings, sealants, adhesives and glues shall be analyzed using PLM NOB–EPA 600/R-93/116 with Gravimetric Preparation Method.

Point counting of any samples with asbestos content less than 10% was automatically performed, if needed.

The *State of Maine DEP* does not require any re-analysis of materials if the sample result is less than 1% by the above PLM Visual and/or PLM NOB methods.

# **ASBESTOS INSPECTION & SAMPLING**

A walkthrough was performed in all accessible interior and exterior areas of the structure, including the roof, and samples of all suspect asbestos containing materials were collected as needed.

This inspection was performed in accordance with all reasonable and customary assessment procedures and explorations for the determination of the potential for possible hidden materials, short of dismantling/deconstructing building components/systems.

Bulk samples of suspect materials that were collected during this sampling event consisted of the following:

Spray-Applied Insulation
12" x 12" Floor Tiles (2 types)
Ceiling Tiles (Various sizes & types)
Drywall
Exterior Textured Fiberglass Layered wall system
Exterior Spray-Applied Texture
Interior & Exterior Caulking
Textured Wallpaper
Ceramic Tiles (3 types)
Residual Flooring Underlayment

Sample groups of similar materials were only analyzed until positive, if applicable, or until all homogeneous samples in the groups were found to be negative.

A total of forty-three (43) samples were collected and analyzed by PLM-Visual Method or PLM-NOB Method.

## Asbestos was detected in two of the materials sampled.

# **Breakroom** – exposed flooring **Underlayment**, black

- Approximately 50 ft<sup>2</sup>
- 1.9% Chrysotile Asbestos

### **Roof Edge Caulking**, gray

- Greater than 3 ft<sup>2</sup>
- 1.11% Chrysotile Asbestos

Refer to the attached analytical analysis sheets and marked drawing indicating sampling locations for reference.

### Limitations

Any conclusions contained herein are limited by the scope of work performed; no warranty, expressed or implied, is indicated as to any subsurface conditions not specifically noted within this report.

### Explanation of Analysis Methods

The collected samples were analyzed utilizing Polarized Light Microscopy (PLM) as PLM–EPA 600/R-93/116 Visual Estimation Method (1993) and PLM NOB–EPA 600/R-93/116 with Gravimetric Preparation.

PLM is a US EPA accepted screening method for asbestos in bulks. This analytical method readily identifies asbestos content quantitatively. However, it can fail in samples where asbestos fibers are very fine or obscured by a tightly binding matrix system.

PLM methods are compiled from standard techniques used in mineralogy and standard laboratory procedures used for asbestos bulk sample analysis. These techniques have been successfully applied to the analysis of US EPA Bulk Sample Analysis Quality Assurance Program since 1982.

Some of the analyzed bulk samples required Point Counting. The Point Counting technique produces very accurate quantitative data when the material is homogeneous and has a uniform thickness. Point Counting is recommended by the US EPA to determine the amount of asbestos in bulk samples and is also recommended by the Asbestos Hazard Emergency Response Act (AHERA) regulations.

# **RECOMMENDATIONS**

The asbestos containing **Flooring Underlayment and Roof Edge Caulking** are *Non-Friable* Category II materials and are unique as actual impact methods determine how the ME DEP and NESHAP Regulations would apply for abatement requirement prior to renovation / demolition impact. In any case, these asbestos containing materials <u>are always</u> subject to OSHA regulations for direct impact/handling by personnel. Waste regulations for both US EPA and

ME DEP statues would depend on the disposition of the materials.

**Non-Friable Category II** materials are comprised of cementitious asbestos board and piping/conduits (Transite), pliable adhesives, caulking, glazing, and paints.

Non-Friable Category II materials are regulated under NESHAP if they are or will become friable, subject to intentional burning, and/or crushed, crumbled and reduced to a powder due to the forces expected to act on the ACM during a renovation or demolition project.

Category II Non-Friable ACM that is not subject to the requirements of 40 CFR Part 61.150(a)(3) would still have to be disposed of in a landfill that accepts building debris, in a landfill that operates in accordance with 40 CFR Part 61.154, or at a facility that operates in accordance with 40 CFR Part 61.155. These demolition waste materials are not allowed to go to any facility that would sand, grind, cut or abrade the non-RACM waste or otherwise turn it into RACM waste (such as cement recycling facilities). These materials cannot go to any recycling facility or any other facility that would render into a *friable* state at any time.

Due to the potential for hidden suspect and/or asbestos containing materials (already representatively sampled) to be present in enclosed cavities, under divider wall systems or otherwise covered and not specifically identified within this report that could be uncovered during active demolition/renovation activities, a qualified person should be available and/or present onsite during the project. It is for this reason that NESHAP requires a competent person onsite during all renovation/demolition actions.

# **LEAD-BASED PAINT ASSESSMENT**

The lead-based paint assessment was conducted by direct contact analysis utilizing a portable X-Ray Fluorescence Lead Paint Analyzer (XRF RMD LPA-1).

This equipment is licensed with the *State of Maine* Department of Human Services Radiation Control Program (#05605G) and operated in accordance with all applicable regulations and conditions of licensure.

The instrument satisfactorily underwent pre and post-calibration utilizing the manufacturer's reference standard.

Paint scrape samples were collected from select surfaces that reported below the limit of detection for the XRF unit for laboratory analysis.

The samples collected were analyzed for lead content utilizing EPA Method SW846 3050B/7000B by Atomic Absorption Spectrometry (AAS) by *Batta Laboratories*, *LLC*; AIHA-LAP, LLC No. 100448.

# XRF SCREENING

The RMD LPA-1 has the ability to read concentrations of lead in paint up to 9.9 milligrams per square centimeter; if the content of lead in the paint is greater than 9.9, the reading for that component will be listed as >9.9 mg/cm<sup>2</sup>. The minimum detection limit of this particular equipment is 0.3 milligrams per square centimeter.

Each individual reading tested by XRF (whether positive or negative) has been documented on the attached analysis sheets. Analysis results are indicated in milligrams per square centimeter (mg/cm<sup>2</sup>).

Surfaces that contain lead-based paint are those with XRF readings <u>at or above 1.0</u> <u>milligram per square centimeter</u>.

There are three different classifications for paint condition - good, fair, and poor, which are "generally" defined as follows:

- GOOD: paint which is entirely intact.
- FAIR: paint is intact, but worn; minor chips are evident as a result of normal wear and tear; no adhesion or substrate problems; e.g., no broken wallboard is present.
- POOR: paint is severely worn, weathered, or no longer adhering, i.e., peeling, cracking, flaking, chalking, or the substrate is broken, exposed or otherwise deteriorated.

An environmental lead hazard is defined as any paint or surface coating that contains lead in levels equal to or greater than 1.0 milligram per square centimeter and is in poor condition. (Note: Inspectors may consider components that have chewable, friction or impact surfaces as a lead hazard depending upon other relevant factors).

The objective of this assessment was to determine the presence of lead content in paints for overall renovation impact consideration and not for each and every surface of the area assessed.

All painted surfaces tested with the XRF had lead levels below detection limit for the equipment, reported as <0.3 mg/cm<sup>2</sup>. Therefore, a sample of each paint color was collected for laboratory analysis.

Refer to the attached analytical data sheets for XRF testing.

# PAINT SCRAPE SAMPLE ANALYSIS

White paint samples collected from the Break Room and the room beside it had low levels of lead content; below the US EPA/HUD definition of a lead-containing material of 0.5% by weight, but above the Consumer Product Safety Commission (CPSC) threshold of greater than 0.009 percent by weight.

All other paint samples submitted for analysis were below detection limit for the analytical method; no special action required.

Refer to the attached analytical data sheets for Total Lead analysis.

# **RECOMMENDATIONS**

The **low level of lead reported in the White painted surfaces** can create an increased risk for lead exposure to persons performing activities that would abrade or otherwise breakdown the paint.

OSHA has established a Permissible Exposure Limit of 50  $\mu g/m^3$  and an Action Level of 30  $\mu g/m^3$  for lead aerosols.

The objective of this inspection was to determine the presence of lead-based paint on targeted surfaces for renovation/demolition impact only. The information compiled during this testing is not intended to be substituted for a comprehensive lead-based paint survey, or to be used to express potential exposure to airborne lead for the purposes of regulation compliance. All scraping, sanding, cutting, welding, grinding, or demolition of any painted surface should not be performed under dry conditions in which airborne dust can be generated.

Similarly, activities that may impact lead-containing components are a concern with respect to the generation of airborne lead dust; therefore, safety measures such as the use of engineering controls are essential in order to protect human health and the environment.

Contractors performing activities in which excessive amounts of lead dust may potentially be generated shall be trained in the hazards of lead-containing materials and the subsequent control of the impacted environment, removal, cleaning, packaging, and handling of these materials as well as the wearing of NIOSH approved respirators, use of disposable clothing, and other requirements of the standard. All work operations shall be performed in accordance with the following:

OSHA 29 CFR Part 1926.62, <u>Lead Standard</u>.

ME DEP Chapter 424, Lead Management Regulations
US EPA Renovation, Repair, & Repainting Rule (RRP), effective April 22, 2008

## **PCB INSPECTION**

Polychlorinated biphenyls (PCBs) are a class of <u>organic compounds</u> with 1 to 10 chlorine atoms attached to biphenyl, which is a molecule composed of two <u>benzene rings</u>.

There are no known natural sources of PCBs. PCBs are either oily liquids or solids that are colorless to light yellow. Some PCBs can exist as a vapor in air. PCBs have no known smell or taste. Many commercial PCB mixtures are known in the U.S. by the trade name Aroclor.

Aroclor PCB mixtures were produced from approximately 1930 to 1979.

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The specific Aroclor products screened for were Aroclor 1016, 1221, 1232, 1242, 1248, 1254, 1260, 1262 and 1268.

The first two digits generally refer to the number of carbon atoms in the phenyl rings and the last two digits in the name indicate the percentage of chlorine present in the material, for example, Aroclor 1016 means the product contains 10 carbon atoms and approximately 16% chlorine by weight.

US EPA regulatory guidelines classify materials with levels equal to or greater than 50 ppm ( $\geq$  50 ppm) of PCB content to be a controlled hazardous waste material under the Toxic Substance Control Act (TSCA).

Four (4) samples were collected for PCB content evaluation, representative of interior and exterior caulking present.

Review of sample results indicates that <u>no PCBs were detected in the samples submitted for analysis.</u>

Refer to the attached analytical data sheets for reference.

# **RECOMMENDATIONS**

No recommendations for PCBs required at this time.

Please review the attached analytical results for asbestos, lead-based paint, PCBs and marked drawings showing sampling locations.

Should you have any questions regarding this report, please feel free to give me a call.

Sincerely,

Deborah Knight, GSP

ME DEP AI, AS, AM, AA, DC

General Manager

Deb Knight

Attachments

Sample Date: September 13, 2023 NTC Job #19047-2023

Client:

Haley & Aldrich

75 Washington Ave, Suite 1A

Portland, Maine 04101-2617

Location:

1091 Congress Street

Portland, Maine

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Sample #	Lab # Location / Description		% & Type of Asbestos	% & Type Fibrous Material	% Non-Fibrous Material	
B-1	B 23256031	B 23256031 Spray-Applied <b>Insulation</b> ; Dining Area, Above Ceiling Tiles, Yellow		100% Cellulose	None Detected	
B-2	B 23256032	Spray-Applied <b>Insulation</b> ; Dining Area, Above Ceiling Tiles, Yellow	None Detected	100% Cellulose	None Detected	
B-3	B 23256033	Spray-Applied <b>Insulation</b> ; Dining Area, Above Ceiling Tiles, Yellow	None Detected	100% Cellulose	None Detected	
B-4	B 23256034	Ceiling Tile; Dining Room, White, Painted Brown			20%	
B-5	B 23256035	Ceiling Tile; Dining Room, White, Painted Brown	Ceiling Tile; Dining Room, White, Painted Brown  None Detected  80% Mineral V 5% Cellulos		15%	
B-6	B 23256036	Ceiling Tile; Dining Room, White, Painted Brown	None Detected	80% Mineral Wool 5% Cellulose	15%	
B-7	B 23256037	12" x 12" <b>Floor Tile</b> ; Dry Storage Room, Yellow	Trace Chrysotile	None Detected	100%	
B-8	B 23256038	3256038 12" x 12" <b>Floor Tile</b> ; Dry Storage Room, Yellow Trace Chrysotile		None Detected	100%	
B-9	B 23256039	12" x 12" <b>Floor Tile</b> ; Dry Storage Room, Yellow Trace Chrysotile None Detected		None Detected	100%	
B-10	B 23256040	12" x 12" <b>Floor Tile</b> , Storage Room, Black w/Specks	Trace Chrysotile	None Detected	100%	

Lab: Batta Laboratories, LLC; NVLAP #101032
Analysis Method: PLM-EPA 600/R-93/116 and/or PLM NOB-EPA 600/R-93/116 w/Gravimetric Prep

Sampled by: M. LeClair, AI-0924 Approved by:Stephen R. Broadhead Initial

Sample Date: September 13, 2023

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Sample #	Lab #	Location / Description	% & Type of Asbestos	% & Type Fibrous Material	% Non-Fibrous Material
B-11	B 23256041	12" x 12" <b>Floor Tile</b> , Storage Room, Black w/Specks	Trace Chrysotile	None Detected	100%
B-12	B 23256042	12" x 12" <b>Floor Tile</b> , Storage Room, Black w/Specks	Trace Chrysotile	None Detected	100%
B-13	B 23256043	Underlayment; Employee Break Room Floor, Black	1.9% Chrysotile	None Detected	98.81%
B-14	B 23256044	Underlayment; Employee Break Room Floor, Black	Sample Preppe	d, Not Analyzed - San	ne as B-13
B-15	B 23256045	Underlayment; Employee Break Room Floor, Black	Sample Prepped, Not Analyzed - Same as B-13		
B-16	B 23256046	<b>Sheetrock</b> ; Drink Station Wall, Behind Plastic Wall Panels, White	None Detected	80% Mineral Wool 5% Cellulose	15%
B-17	B 23256047	<b>Sheetrock</b> ; Drink Station Wall, Behind Plastic Wall Panels, White	None Detected	10% Cellulose	90%
B-18	B 23256048	<b>Sheetrock</b> ; Drink Station Wall, Behind Plastic Wall Panels, White	None Detected	10% Cellulose	90%
B-19	B 23256049	2' x 2' Ceiling Tile (Sheetrock); Hallway in Drink Station Area, White	None Detected	<1% Fiberglass 10% Cellulose	90%
B-20	B 23256050	2' x 2' Ceiling Tile (Sheetrock); Hallway in Drink Station Area, White	None Detected	<1% Fiberglass 10% Cellulose	90%

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Sample #	Lab#	Lab # Location / Description		% & Type Fibrous Material	% Non-Fibrous Material	
D Z I		2' x 2' Ceiling Tile (Sheetrock); Hallway in Drink Station Area, White	None Detected	<1% Fiberglass 10% Cellulose	90%	
B-22	B 23256052	2' x 2' <b>Ceiling Tiles</b> ; Employee Breakroom, White	None Detected	60% Cellulose 25% Mineral Wool	15%	
B-23	B 23256053	2' x 2' <b>Ceiling Tiles</b> ; Employee Breakroom, White	None Detected	60% Cellulose 25% Mineral Wool	15%	
B-24	B 23256054	74   2 x 2 centing tites, employee dieaktoom, while I wone perected I		60% Cellulose 25% Mineral Wool	15%	
B-25	B 23256055	Exterior <b>Wall Covering</b> ; Right Side of Entrance, Red	None Detected	24.82% Fiberglass	75.18%	
B-26	B 23256056	Exterior <b>Wall Covering</b> ; Right Side of Entrance, Red	None Detected	19.27% Fiberglass	80.73%	
B-27	B 23256057	Exterior Wall Covering; Right Side of Entrance, Red	None Detected	22.17% Fiberglass	77.83%	
B-28	B 23256058	Sprayed - on Texture; Main Entry Overhang	None Detected	None Detected	100%	
B-29	B 23256059	Sprayed - on Texture; Main Entry Overhang	None Detected	None Detected	100%	
B-30	B 23256060	Sprayed - on Texture; Main Entry Overhang	None Detected	None Detected	100%	

Lab: Batta Laboratories, LLC; NVLAP #101032
Analysis Method: PLM-EPA 600/R-93/116 and/or PLM NOB-EPA 600/R-93/116 w/Gravimetric Prep

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Sample #	Lab #	Location / Description	% & Type of Asbestos	% & Type Fibrous Material	% Non-Fibrous Material
B-31	B 23256061	Ceramic "Plank"; Dining Room on Island Wall	None Detected	None Detected	100%
B-32	B 23256062	6" x 6" <b>Ceramic Tile</b> , Dining Room	None Detected	None Detected	100%
B-33	B 23256063	Anti-Skid Material; Back Dairy Cooler in Dining Room	None Detected	None Detected	100%
B-34	B 23256064	Ceramic "Wood Plank"; Dining Room Floor	None Detected	None Detected	100%
B-35	B 23256065	Caulking; Roof Edge Sealant	Trace Chrysotile	0.67% Fibrous Talc	99.33%
B-36	B 23256066	Caulking; Roof Edge Sealant	1.11% Chrysotile	0.60% Fibrous Talc	98.29%
B-37	B 23256067	Caulking; Roof Edge Sealant	Sample Preppe	d, Not Analyzed - San	ne as B-36
B-38	B 23256068	Textured Wallpaper; Entryway, Green	None Detected	None Detected	100%
B-39	B 23256069	Textured Wallpaper; Entryway, Green	None Detected	None Detected	100%
B-40	B 23256070	Textured Wallpaper; Entryway, Green	None Detected	None Detected	100%

Lab: Batta Laboratories, LLC; NVLAP #101032
Analysis Method: PLM-EPA 600/R-93/116 and/or PLM NOB-EPA 600/R-93/116 w/Gravimetric Prep

Sampled by: M. LeClair, Al-0924 Approved by:Stephen R. Broadhead Initial

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Haley & Aldrich	Location:	1091 Congress Street	
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Portland, Maine 04101-2617		· ordana, mano	

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Sample #	Lab#	Location / Description	% & Type of Asbestos	% & Type Fibrous  Material	% Non-Fibrous Material	
B-41	B 23256071	Textured Wallpaper; Restroom Hallway, Red	None Detected	None Detected	100%	
B-42	B 23256072	Textured Wallpaper; Restroom Hallway, Red	None Detected	None Detected	100%	
B-43	B 23256073	Textured Wallpaper; Restroom Hallway, Red	None Detected	None Detected	100%	

Lab: Batta Laboratories, LLC; NVLAP #101032
Analysis Method: PLM-EPA 600/R-93/116 and/or PLM NOB-EPA 600/R-93/116 w/Gravimetric Prep

Sampled by: M. LeClair, AI-0924 Approved by:Stephen R. Broadhead Initial

# XRF RESULTS FOR LEAD-BASED PAINT

Sample Collected From: 1091 Congress Street, Portland Maine Sample Date: September 13, 2023

RESIDENTIAL: ☐ COMMERCIAL: ☑ UNKNOWN: ☐

ID # Lab #	SAMPLE LOCATION DESCRIPTION	COLOR	CONDITION	# OF READINGS	RESULTS, mg/cm <sup>2</sup>
XRF-1	Entryway, Upper Walls	Pale Green	Good	3	<0.3
XRF-2	Entryway, Lower Walls	Dark Brown	Good	3	<0.3
XRF-3	Waiting Area, Door Trim	Dark Brown	Good	3	<0.3
XRF-4	Left of Grill, Exit Door Area, Upper Walls	Lime Green	Good	3	<0.3
XRF-5	Kitchen, Ceramic Tile Walls	White	Good	3	<0.3
XRF-6	Kitchen, Painted Metal Door Frames	Dark Brown	Good	3	<0.3
XRF-7	Inside Cleaning Supply Closet, Walls & Shelves	White	Good	3	<0.3
XRF-8	Restroom Hallway, Wall	Red	Good	3	<0.3

Pre-Use Calib	oration Reading:	0.9	mg/cm <sup>2</sup>		
Post-Use Cali	ibration Reading:	1.0	mg/cm <sup>2</sup>	Industrial Hygienist: _	Deb Knight
			•		•
Key:	= Lead-Containing	Materia	al		

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# XRF RESULTS FOR LEAD-BASED PAINT

Sample Collected From: 1091 Congress Street, Portland Maine

Sample Date: September 13, 2023

RESIDENTIAL: ☐ COMMERCIAL: ☑ UNKNOWN: ☐

ID # Lab #	SAMPLE LOCATION DESCRIPTION	COLOR	CONDITION	# OF READINGS	RESULTS, mg/cm <sup>2</sup>
XRF-9	Exterior, Painted Wall Stripe	Red	Good	3	<0.3
XRF-10	Exterior, Lower Wall	Brown	Good	3	<0.3
XRF-11	Exterior, Upper Wall	Beige	Good	3	<0.3
XRF-12	Breakroom, Lower Walls	Purple	Good	3	<0.3
XRF-13	Breakroom, Upper Walls	White	Good	3	<0.3
XRF-14	Room Between Breakroom & Office, Walls	White	Good	3	<0.3

Pre-Use Calibration Reading:	0.9	mg/cm <sup>2</sup>			
Post-Use Calibration Reading:	1.0	mg/cm <sup>2</sup>	Industrial Hygienist: _	Deb Knight	
			, , ,		

Key: = Lead-Containing Material

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# PAINT ANALYSIS for TOTAL LEAD

# 1091 Congress Street Portland, Maine

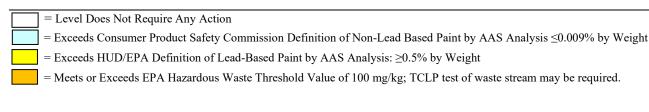
**Date Sampled:** September 13, 2023

**Analytical Method:** EPA Method SW846 3050B/7000B by AAS

	Sample Location			TOTAL LEAD		
Sample/Lab#	Description	Color	Condition	% by weight	ppm / mg/kg	
L-1 IHB23256006	Breakroom, Upper Wall	White	Good	0.012	120	
L-2 IHB23256007	Restroom Ceiling	Brown	Good	<0.0063	<63	
L-3 IHB23256008	Exterior Overhang	Taupe	Good	<0.0063*	<63*	
L-4 IHB23256009	Dining Room Soffit	Lime Green	Good	<0.0063	<63	
L-5 IHB23256010	Office Wall	Light Green	Good	<0.0063	<63	
<b>L-6</b> IHB23256011	Breakroom, Lower Wall	Purple	Good	<0.0063	<63	
L-7 IHB23256012	Room Beside Breakroom, Wall	White	Good	0.011	110	

Key: ppm = parts per million; mg/kg = milligrams per kilogram

<sup>\*</sup>Material submitted was below the minimum amount required



Analytical Laboratory: Batta Laboratories (AIHA LAP-100448) Sampled By: Deb Knight

# 1091 Congress Street, Portland Maine

Date Sampled: September 13, 2023
Sample Type: Soil/Solids/Sediment
Analytical Method: EPA SW-846-8082A
Sample /Lab#: PCB-1 / IHB23256014

Sample Description: Coffee Station side of Dry Storage Wall, Top edge of Baseboard / Stainless

Wall - Caulking

Polychlorinated <u>Biphenyls (PCB)</u>	Report Limit, ppm (µg/kg)	Result, ppm* (μg/kg)
PCB – 1016	1400	None Detected
PCB – 1221	1400	None Detected
PCB – 1232	1400	None Detected
PCB – 1242	699	<b>None Detected</b>
PCB – 1248	1400	<b>None Detected</b>
PCB – 1254	1400	<b>None Detected</b>
PCB – 1260	1400	None Detected
PCB – 1262	699	None Detected
PCB – 1268	699	None Detected

**Key:**  $\mu g/kg = micrograms per kilogram ppm = parts per million$ 

<sup>\*</sup>Material containing PCBs at >50 ppm designates material as Hazardous Waste under TSCA.

# 1091 Congress Street, Portland Maine

Date Sampled: September 13, 2023 Sample Type: Soil/Solids/Sediment Analytical Method: EPA SW-846-8082A Sample /Lab#: PCB-2 / IHB23256015

Sample Description: Left Side of Grill; Stainless Shelf/Wall, Caulking

Polychlorinated Biphenyls (PCB)	Report Limit, ppm (µg/kg)	Result, ppm* (µg/kg)
PCB – 1016	619	None Detected
PCB – 1221	619	<b>None Detected</b>
PCB – 1232	619	None Detected
PCB – 1242	310	None Detected
PCB – 1248	619	None Detected
PCB – 1254	619	None Detected
PCB – 1260	619	None Detected
PCB – 1262	310	<b>None Detected</b>
PCB – 1268	310	<b>None Detected</b>

**Key:**  $\mu g/kg = \text{micrograms per kilogram}$  ppm = parts per million

<sup>\*</sup>Material containing PCBs at >50 ppm designates material as Hazardous Waste under TSCA.

# 1091 Congress Street, Portland Maine

Date Sampled: September 13, 2023 Sample Type: Soil/Solids/Sediment Analytical Method: EPA SW-846-8082A Sample /Lab#: PCB-3 / IHB23256016

Sample Description: Exterior, Main Entrance; Door Frame, Right Side, Caulking

Polychlorinated <u>Biphenyls (PCB)</u>	Report Limit, ppm (μg/kg)	Result, ppm* (μg/kg)
PCB – 1016	743	None Detected
PCB – 1221	743	<b>None Detected</b>
PCB – 1232	743	<b>None Detected</b>
PCB – 1242	372	<b>None Detected</b>
PCB – 1248	743	<b>None Detected</b>
PCB – 1254	743	<b>None Detected</b>
PCB – 1260	743	<b>None Detected</b>
PCB – 1262	372	<b>None Detected</b>
PCB – 1268	372	<b>None Detected</b>

**Key:**  $\mu g/kg = \text{micrograms per kilogram}$  ppm = parts per million

<sup>\*</sup>Material containing PCBs at >50 ppm designates material as Hazardous Waste under TSCA.

# 1091 Congress Street, Portland Maine

Date Sampled: September 13, 2023
Sample Type: Soil/Solids/Sediment
Analytical Method: EPA SW-846-8082A
Sample /Lab#: PCB-4 / IHB23256017
Sample Description: Roof Edge Sealant, Caulking

Polychlorinated <u>Biphenyls (PCB)</u>	Report Limit, ppm (µg/kg)	Result, ppm* (μg/kg)
PCB – 1016	540	None Detected
PCB – 1221	540	<b>None Detected</b>
PCB – 1232	540	<b>None Detected</b>
PCB – 1242	270	<b>None Detected</b>
PCB – 1248	540	<b>None Detected</b>
PCB – 1254	540	<b>None Detected</b>
PCB – 1260	540	<b>None Detected</b>
PCB – 1262	270	<b>None Detected</b>
PCB – 1268	270	<b>None Detected</b>

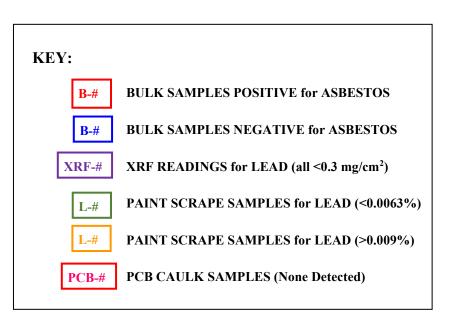
**Key:**  $\mu g/kg = micrograms per kilogram ppm = parts per million$ 

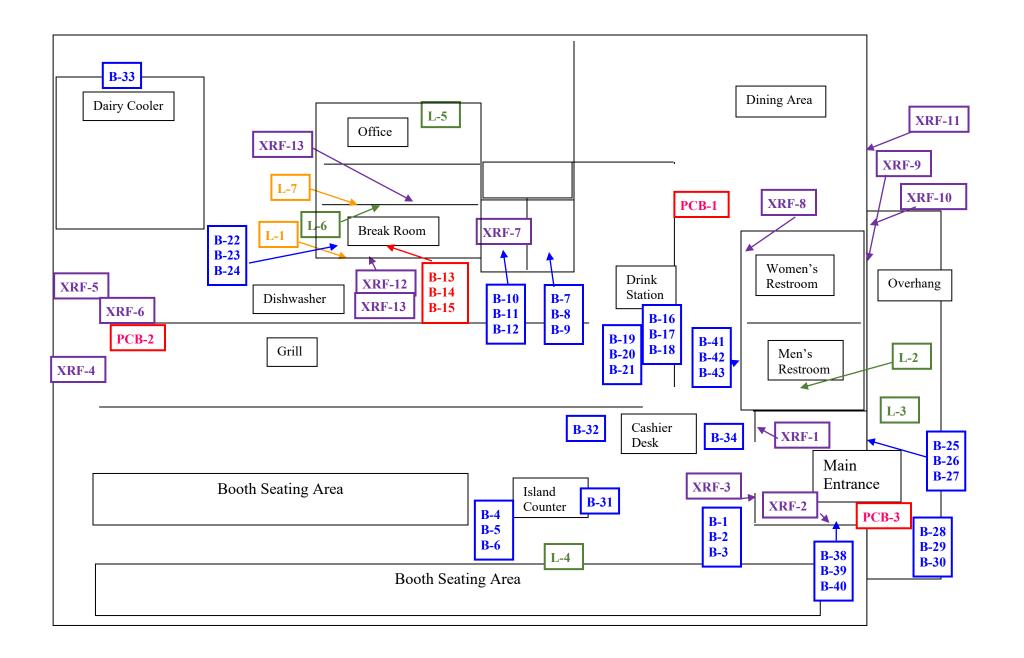
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# **HAZARDOUS MATERIALS INSPECTION**

# 1091 CONGRESS STREET PORTLAND, MAINE









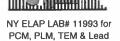


### **BATTA LABORATORIES, LLC**

A Certified MBE Company



Report Date:



Delaware Industrial Park, 6 Garfield Way Newark, DE19713-5817 Tel. (302)737-3376 Fax (302) 737-5764

NVLAP

09/18/23

Web: http://www.battaenv.com E-mail: battaenv@battaenv.com

### Dept. Code: PLM

Rev. #: 0
Batch#: N/A
COC#: N/A

# CERTIFICATE OF PLM ANALYSIS

Test Method: EPA/600/R-93/116 in conjunction with Batta SOP

Page 1 of 5

000#	477 4						Ollon Willi De		Hoport Date.	007:07=0
Sampling I	Data								Date Sampled:	09/13/23
<b>BLI Project</b>	#:	R112419							Sampled By:	CLIENT
Project Nar	me:	NORTHEAST TEST							Date Analyzed:	09/18/23
Samp	ole ID	Client-sup	plied Da	ta	Analy	rtical	Data	R	eported Results	
Lab	Client		Material					Non-asbestiform		
Sample#	Sample#	Sample Description	Туре	Friable?	Texture/	Gross	Color	Components	Asbestiform Co	mponents
1429945	B-1	n/a	Sprayed-On Insulation	Yes	Fibrou		Tan	100% Cellulose	No Asbestos Found	
1429946	B-2	n/a	Sprayed-On Insulation	Yes	Fibrou		Tan White	100% Cellulose	No Asbestos Found	
1429947	B-3	n/a	Sprayed-On Insulation	Yes	Fibrou	s	Tan White	100% Cellulose	No Asbestos Found	
					Homogen	eous				
1429948	B-4	n/a	Ceiling Tile	Yes	Fibrou	s	White	80% Mineral Wool 20% Non-fibrous	No Asbestos Found	
					Homogen	eous		Material		
1429949	B-5	n/a	Ceiling Tile	Yes	Fibrou	s	White	80% Mineral Wool 5% Cellulose 15% Non-fibrous	No Asbestos Found	
					Homogen	eous		Material		

Note 1 Due to limitations of the EPA PLM method, floor tiles may yield false negative (<1%) results by this method. As such, the EPA recommends further analysis by electron microscopy. Batta recommends the NY 198.4 over the Chatfield method.

Note 2 Unless otherwise specified, Tr=Trace and correlates to <0.25% (based on a 400-point EPA point count).

Note 3 Materials containing vermiculite are not good candidates for analysis using standard EPA 600 PLM protocol. Results may be low-biased due to inherent limitations caused by the material. The EPA recommends that vermiculite attic insulation (VAI) be prepped and analyzed using EPA 600/R-04/004, known as "The Cincinnati Method".

ANALYST: MEC REVIEWED BY:

QA/QC Officer/Signatory

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PCM, PLM, TEM & Lead

Dept. Code: PLM

0

N/A

Rev. #:

Batch#:

LABORATORIES

**BATTA LABORATORIES, LLC** 

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NVLAP

Web: http://www.battaenv.com E-mail: battaenv@battaenv.com

# **CERTIFICATE OF PLM ANALYSIS**

Page 2 of 5

COC#: 1	N/A		Test Metho	od: EPA/60	0/R-93/116 in c	onjunction with	Batta SOP	Report Date:	09/18/23
Sampling			·					Date Sampled:	09/13/23
BLI Project		R112419						Sampled By:	CLIENT
Project Nar		NORTHEAST TEST						Date Analyzed:	09/18/23
Sam	ole ID	Client-sup	plied Da	ta	Analyti	cal Data	R	eported Results	
Lab	Client		Material				Non-asbestiform		
Sample#	Sample#	Sample Description	Туре	Friable?	Texture/ Gr	oss Color	Components	Asbestiform Cor	mponents
1429950	B-6	n/a	Ceiling Tile	Yes	Fibrous	White	80% Mineral Wool 5% Cellulose 15% Non-fibrous Material	No Asbestos Found	
1429951	B-16	n/a	Sheetrock	Yes	Granular Fibro	Gray Tan	10% Cellulose 90% Non-fibrous Material	No Asbestos Found	
1429952	B-17	n/a	Sheetrock	Yes	Granular Fibro	ous Gray Tan	10% Cellulose 90% Non-fibrous	No Asbestos Found	
1420002		.,,			Heterogeneo		Material		
1429953	B-18	n/a	Sheetrock	Yes	Granular Fibro	ous White Tan	10% Cellulose 90% Non-fibrous	No Asbestos Found	
					Heterogeneo		Material		
1429954	B-19	n/a	Ceiling Tile (Sheetrock)	Yes	Granular Fibro	White	<1% Fiber Glass 10% Cellulose 90%	No Asbestos Found	
					Heterogeneo	Tan	Non-fibrous Material		

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QA/QC Officer/Signatory

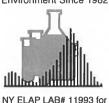
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Page 3 of 5

COC#:	N/A		Test Metho	od: EPA/60	0/R-93/116	in conjun	ction with	Batta SOP	Report Date:	09/18/23
Sampling									Date Sampled:	09/13/23
BLI Project		R112419							Sampled By:	CLIENT
Project Na		NORTHEAST TEST							Date Analyzed:	09/18/23
Sam	ple ID	Client-sup	plied Da	ta	Ana	ytical	Data	R	eported Results	
Lab	Client		Material					Non-asbestiform		
Sample#	Sample#	Sample Description	Type	Friable?	Texture/	Gross	Color	Components	Asbestiform Con	ponents
1429955	B-20	n/a	Ceiling Tile (Sheetrock)	Yes	Granular Heteroge		White Tan	<1% Fiber Glass 10% Cellulose 90% Non-fibrous Material	No Asbestos Found	
1429956	B-21	n/a	Ceiling Tile (Sheetrock)	Yes	Granular Heteroge		White Tan	<1% Fiber Glass 10% Cellulose 90% Non-fibrous Material	No Asbestos Found	
1429957	B-22	n/a	Ceiling Tile	Yes	Fibro	us	Tan White	60% Cellulose 25% Mineral Wool 15% Non-fibrous	No Asbestos Found	
					Homoge	neous	· · · · · · · ·	Material		
1429958	B-23	n/a	Ceiling Tile	Yes	Fibro	us	Tan White	60% Cellulose 25% Mineral Wool 15% Non-fibrous	No Asbestos Found	
					Homoge	neous	WITHO	Material		
1429959	B-24	n/a	Ceiling Tile	Yes	Fibro	us	Tan White	60% Cellulose 25% Mineral Wool 15% Non-fibrous	No Asbestos Found	
					Homoge	neous		Material		

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ANALYST:

**REVIEWED BY:** 

QA/QC Officer/Signatory

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NY ELAP LAB# 11993 for PCM, PLM, TEM & Lead

Dept. Code: PLM

0

N/A

Rev. #:

Batch#:

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Delaware Industrial Park, 6 Garfield Way Newark, DE19713-5817 Tel. (302)737-3376 Fax (302) 737-5764

EPA Lab ID #DE004

Web: http://www.battaenv.com E-mail: battaenv@battaenv.com

# CERTIFICATE OF PLM ANALYSIS

Page 4 of 5

COC#:	N/A		Test Metho	d: EPA/60	0/R-93/116	in conjun	ction with B	atta SOP	Report Date:	09/18/23
Sampling BLI Project Project Na	t #:	R112419 NORTHEAST TEST	CONSULTA	ANTS-190	)47-2023/2	2325063	1, MAINE		Date Sampled: Sampled By: Date Analyzed:	09/13/23 CLIENT 09/18/23
	ple ID	Client-sup	plied Dat	ta	Ana	ytical	Data	R	eported Results	
Lab Sample#	Client Sample#	Sample Description	Material Type		Texture/	Gross	Color	Non-asbestiform Components	Asbestiform Cor	nponents
1429960	B-28	n/a	Sprayed-On Texture	Yes	Soft Cer		Gray White	100% Non- fibrous Material	No Asbestos Found	
1429961	B-29	n/a	Sprayed-On Texture	Yes	Soft Cer		Gray White	100% Non- fibrous Material	No Asbestos Found	
1429962	B-30	n/a	Sprayed-On Texture	Yes	Soft Cer		Gray White	100% Non- fibrous Material	No Asbestos Found	
1429963	B-31	n/a	Ceramic "Plank"	Yes	Firr		Gray	100% Non- fibrous Material	No Asbestos Found	
1429964	B-32	n/a	Ceramic Tile	Yes	Firr	n	Brown	100% Non- fibrous Material	No Asbestos Found	
					Homoge	neous				

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ANALYST: MEC

REVIEWED BY:

QA/QC Officer/Signatory

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### Dept. Code: PLM

Rev. #: 0

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Page 5 of 5

N/A N/A		Test Meth	od: EPA/60	0/R-93/116	in conjun	ction with B	atta SOP	Report Date:	09/18/23
Data		TOST Metriod. El 7700071 de 170 in conjunction with Datia Co.		Date Sampled:	09/13/23				
:#:	R112419							Sampled By:	CLIENT
me:	NORTHEAST TEST	CONSULT	ANTS-190	47-2023/2	2325063	1, MAINE		Date Analyzed:	09/18/23
ole ID	Client-sup	plied Da	ita	Ana	lytical	Data	R	eported Results	
Client		Material					Non-asbestiform		
Sample#	Sample Description	Туре	Friable?	Texture/	Gross	Color	Components	Asbestiform C	omponents
B-34	n/a	Ceramic "Plank"	Yes	Fire	m	Gray	100% Non- fibrous Material	No Asbestos Found	t
				Homoge	neous				
	Data #: me: ple ID Client Sample#	Data #: R112419 me: NORTHEAST TEST of Client-sup Client Sample# Sample Description	Data #: R112419 me: NORTHEAST TEST CONSULT DIE ID Client-supplied Date Client Sample# Sample Description Type  Ceramic	Data #: R112419 me: NORTHEAST TEST CONSULTANTS-190 Client Sample# Sample Description Type Friable?  Ceramic	Data #: R112419 me: NORTHEAST TEST CONSULTANTS-19047-2023/2 ple ID Client-supplied Data Ana Client Sample# Sample Description Type Friable? Texture/  B-34 n/a "Plank" Yes	Test Method: EPA/600/R-93/116 in conjunt  Data #: R112419 me: NORTHEAST TEST CONSULTANTS-19047-2023/2325063  DIE ID Client-supplied Data Analytical Client Sample# Sample Description Type Friable? Texture/ Gross  Ceramic Firm	Data #: R112419 me: NORTHEAST TEST CONSULTANTS-19047-2023/23250631, MAINE Die ID Client-supplied Data Analytical Data  Client Sample# Sample Description Type Friable? Texture/ Gross Color  Ceramic Firm  B-34 n/a "Plank" Yes Gray	Data #: R112419 me: NORTHEAST TEST CONSULTANTS-19047-2023/23250631, MAINE Client Sample# Sample Description Type Friable? Texture/ Gross Color Components  Ceramic Firm B-34  NORTHEAST TEST CONSULTANTS-19047-2023/23250631, MAINE  Client Sample# Sample Description Type Friable? Texture/ Gross Color Components  Ceramic Firm 100% Non-fibrous Material 100% No	Date Sampled:  #: R112419  me: NORTHEAST TEST CONSULTANTS-19047-2023/23250631, MAINE  Client Sample#  Sample Description  Ceramic  "Plank"  Plank"  Date Sampled: Sampled By: Date Analyzed:  Non-asbestiform Components  Asbestiform Components  Firm  100% Non- fibrous Material No Asbestos Found  100% Non- fibrous Material No Asbestos Found  Reported Results  Sample#  Sample Description  Firm  100% Non- fibrous Material No Asbestos Found  No Asbestos Found  No Asbestos Found  Reported Results  Asbestiform Components  Asbestiform Components  Asbestiform Components  No Asbestos Found  Reported Results  Asbestiform Components  Asbestiform Components  Asbestiform Components  No Asbestos Found  Reported Results

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MEC

**ANALYST:** 

**REVIEWED BY:** 

QA/QC Officer/Signatory

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<sup>\*</sup>This report does not constitute endorsement by NVLAP and/or any other US government agencies.

<sup>\*</sup>The test data pertain only to the items tested. No assumptions or conclusions should be made to materials or samples not analyzed. Furthermore, Batta Laboratories, LLC assumes no responsibility for the accuracy of results influenced by the use of improper collection techniques or equipment.

<sup>\*</sup>Organically-bound, nonfriable material may interfere with the accurate and reproducible quantification of asbestos. In these cases, the EPA recommends further analysis by a matrix-reduction method. Batta recommends the NY ELAP Item 198.6/198.4 over the Chatfield method. When point count techniques are utilized on organically-bound, nonfriable materials without the EPA-recommended matrix reduction steps, Batta Laboratories assumes no responsibility regarding the accuracy or precision associated with these results. In these cases, Batta employs a modified version of the EPA point count method.

<sup>\*</sup>WRTA refers to a group of fibrous Amphiboles typically associated with 'Libby Amphibole'. Within this classification are: winchite, richterite, tremolite, and actinolite.



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Page 1 of 5

AIHA LAP, LLC #100448 NY ELAP #11993 NVLAP #101032

AIHAL'AP, LLC

EPA Lab #DE004

BEA Project #:

ICUSTRIAL HYGIENE & ENVIRONMENTAL LEAD ACCREDITED LABORATORY

Client Project #: 19047-2023

3 Hours/Immediate (Note 1) 72 Hours (Note 5) Turnaround Times (check one, refer to notes\*)

Shipping Information

Customer Billing Information Tel 1: (207) 854-3939

5 Days (Note 6) 5 - 10 days Other

6 Hours/Same Day (Note 2)

Delivered by Customer ✓ Shipped by Customer

Northeast Test Consultants

Westbrook ME 04092

Results To: Deb Knight

Results To:

587 Spring Street

Billing Address 1: Billing Address 2:

Customer Name:

Picked up by BATTA

✓ 48 Hours (Note 4) 24 Hours (Note 3)

Tel 1: (207) 854-3939 Project Name: 23256031

Project Location: Maine

eva@netest.com

dknight@netest.com

Emails:

BL Project #: 8 112419 \*Notes Regarding Turnaround Times

designation may be offered. A 6-hour/Same Day turnaround time may not be available with all analyses. 1 Specific turnaround depends on the test requested. Turnaround not available for all types of analysis. Client must make prior arrangements with lab to guarantee turnaround time. Premium rate will apply, 2 Same day (by 5 p.m.) offered if samples are received by 12 noon. After that time, a 6-hour

Unless a specific time is requested, results are guaranteed by 5 p.m. on the following business day. The turnaround time of 24 hours may not be available with all analyses.

4 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 2nd business day.

5 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 3rd business day.

6 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 5th business day.

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	B-3	\ \ \						
	B-4	Ceiling Tile						
>	B-5	1 2 6.5.						
9	B-6	$\cap \   \boldsymbol{\uparrow}$				>		
	B-7	Floor Tile 7				PLM - NOB		
	8-8	S-8-5.						
	B-9	$\rightarrow$	>		7	>		
	Apin X deC	A. K T	9/13/2023	7:00 nm	BL Use Only		Method of Payment	sut
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Sample Relinquished Bv:	shed 8v:	ă	Date:	Time:	□Yes □No	Received on Ice	Money Order	
Sample Received By:	sived By:	O .	Date:	Time:	Field Samples .  Not Accepted .		Purchase Order #	
Special Instruction	Special Instructions / Requests From Client (if applicable):				Conditions :		Check#	
* Positive S	top by materia	* Positive Stop by material group as noted					Other	
Note to Client: Batt	a Laboratories recommen	Note to Client: Batta Laboratories recommends that blanks be supplied by the client when mandated by published methods.	ed by published methods.				Unit Price / Quote	
BLI Use Only	Logged-in By:	in By: Log-in Date:		Date:			Total Payment	
Lab Note: When those determinat	building material layers ions in the lab at the tir	Lab Note: When building material layers are not specified by the client on the Chain of Custody, Batta will follow EPA 600 R-93/116, and make those determinations in the lab at the time of analysis. Friability: State/Federal Regulations mandate friability shall not be determined in labs.	Custody, Batta will follotions mandate friability	ody, Batta will follow EPA 600 R-93/116, and make mandate friability shall not be determined in labs.	For Accountir	For Accounting Office Use Only	Reference #	



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Page 2 of 5

AIHA LAP, LLC #100448 NVLAP #101032 NY ELAP #11993 EPA Lab #DE004

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72 Hours (Note 5)

3 Hours/Immediate (Note 1)

6 Hours/Same Day (Note 2) 5 Days (Note 6)

5 - 10 days Other

✓ 48 Hours (Note 4) 24 Hours (Note 3)

✓ Shipped by Customer Delivered by Custom Picked up by BATTA

Northeast Test Consultants

Tel 2:

Project Name: 23256031

Tel 1: (207) 854-3939

Results To: Deb Knight

Results To:

Westbrook ME 04092

587 Spring Street

Billing Address 1: Billing Address 2:

Customer Name:

Project Location: Maine

eva@netest.com

dknight@netest.com

Turnaround Times (check one, refer to notes\*)

Shipping Information

Customer Billing Information Tel 1: (207) 854-3939

BL Project #: D112419 BEA Project #:

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4 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 2nd business day.

5 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 3rd business day.

6 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 5th business day

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Page 3 of 5

HA LAP, LLC #100448 Y ELAP #11993 VLAP #101032

Page O of	NVLAP #101032 AIHA LAP, LLC #1 AIEBO RY ELAP #11993 EPA Lab #DE004
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Turnaround Times (check one, refer to notes*)	3 Hours/Immediate (Note 1) 72 Hours (Note 5) Client Project #: 19047-2023 BL Project #: 2112419	6 Hours/Same Day (Note 2) 5 Days (Note 6) *Notes Regarding Turnaround Times  1 Specific turnaround depends on the test requested. Turnaround not available for all types of analysis.	Client must make prior arrangements with lab to guarantee turnaround time. Premium rate will apply.  2 Same day (by 5 p.m.) offered if samples are received by 12 noon. After that time, a 6-hour		<ol> <li>Unless a specific time is requested, results are guaranteed by 5 p.m. on the following business day.</li> <li>The turnaround time of 24 hours may not be available with all analyses.</li> </ol>	4 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 2nd business day.	5 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 3rd business day.	6 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 5th business day.
Shipping Information	Picked up by BATTA	Delivered by Customer 6 Hours/Same Day (N		A A	23256031	Project Name:	Project Location: Maine	eva@netest com
						Tel1: (207) 854-3939		
Customer Billing Information (207) 854-3939	Tal	Customer Name: Northeast Test Consultants	Billing Address 1: 587 Spring Street	Westbrook ME 04092	Blining Address 2: VYCSICION INC.	Deb Knight Tel1 (207	Tel 2:	dkninht@netest com

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BL Use Only	Field Sample ID#	Sample Location / Description	Date / Time	Start Time Stop Time Flow Rate	Flow Rate Volume/Area Type	lest Method Re		
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555	B-24	0 1				>		
	B-25	Exterior Wall Covering 7				PLM-NOB		
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	B-27	$\sim$	<b>^</b>		>	>		
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Sample Received By:	eived By:	Date:		Time:	Not Accepted		Purchase Order #	#
Special Instructi	Special Instructions / Requests From Client (if applicable):	Client (if applicable):			Conditions :		Check #	
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Lab Note: When	building material layer	Lab Note: When building material layers are not specified by the client on the Chain of Custody, Batta will follow EPA 600 R-93/116, and make	ody, Batta will follo	w EPA 600 R-93/116, and make shall not be determined in labs.	For Accountin	For Accounting Office Use Only	Reference #	



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Page 4 of 5

HA LAP, LLC #100448 Y ELAP #11993 JUAP #101032 A Lab #DE004

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3 Hours/Immediate (Note 1) 72 Hours (Note 5) Turnaround Times (check one, refer to notes\*)

Shipping Information

Customer Billing Information Tel 1: (207) 854-3939

Picked up by BATTA

S Days (Note 6) 5 - 10 days Other

6 Hours/Same Day (Note 2)

Delivered by Customer ✓ Shipped by Customer

Northeast Test Consultants

587 Spring Street

✓ 48 Hours (Note 4) 24 Hours (Note 3)

Project Name: 23256031

Tel 1: (207) 854-3939

Results To: Deb Knight

Results To:

Westbrook ME 04092

Billing Address 2: Billing Address 1: Customer Name:

Project Location: Maine

eva@netest.com

dknight@netest.com

Emails:

BL Project #:

 Specific turnaround depends on the test requested. Turnaround not available for all types of analysis. Client must make prior arrangements with lab to guarantee turnaround time. Premium rate will apply \*Notes Regarding Turnaround Times

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PLM-NOB

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Sample Relinquished By: Deb Knight	Date: 9/13/2023	тіте: 5:00 рт	BL Use Only Are some samples not accepted? If so. check	Method of Payment
Sample Received By:	Date: 9/14/23	Time: 1030	"No" and explain conditions in the box below.	Visa / Mastercard / Discove
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Sample Received By:	Date:	Time:	Not Accepted	Purchase Order #
Special Instructions / Requests From Client (if applicable):			Conditions :	Check #
* Positive Stop by material group as noted				Other
Note to Client: Batta Laboratories recommends that blanks be supplied by the client when mandated by published methods.	ndated by published methods.			Unit Price / Quote
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Lab Note: When building material layers are not specified by the client on the Chain	in of Custody, Batta will follow EPA 600 R-93/116, and make	600 R-93/116, and make		Reference #

For drinking water samples: for results to be valid, lab must receive samples on ice and within 48 hours of collection. For air samples collected by NIOSH 7400 and 7402: in accordance with these NIOSH methods, two field blanks (or 10% of the number of field samples submitted, whichever is greater) must be submitted and be analyzed with field samples.

those determinations in the lab at the time of analysis. Friability: State/Federal Regulations mandate friability shall not be determined in labs.

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Turnaround Times (check one, refer to notes\*) 3 Hours/Immediate (Note 1) 72 Hours (Note 5) 6 Hours/Same Day (Note 2) 5 Days (Note 6)

Shipping Information

Customer Billing Information Tel 1: (207) 854-3939

Picked up by BATTA

Delivered by Custome ✓ Shipped by Customer

Northeast Test Consultants

Customer Name: Billing Address 1: Billing Address 2:

Tel 2:

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Page 5 of 5

AIHA LAP, LLC #100448 NVLAP #101032 NY ELAP #11993 EPA Lab #DE004

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**BEA Project #:** 

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5 - 10 days Other

> 24 Hours (Note 3) ✓ 48 Hours (Note 4)

Project Name: 23256031

Tel 1: (207) 854-3939

Results To: Deb Knight

Results To:

Westbrook ME 04092

587 Spring Street

Project Location: Maine

	Client Project #: 13041 - ZOZO BL Projec
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The turnaround time of 24 hours may not be available with all analyses.

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4 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 2nd business day

5 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 3rd business day.

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eva@netest.com		n / Description	Vallpaper		0	Vallpaper	}	( )				12110						the client whe	Log-in Date:
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For drinking water samples: for results to be valid, lab must receive samples on ice and within 48 hours of collection. For air samples collected by NIOSH 7400 and 7402: in accordance with these NIOSH methods, two field blanks (or 10% of the number of field samples submitted, whichever is greater) must be submitted and be analyzed with field samples.

Lab Note: When building material layers are not specified by the client on the Chain of Custody, Batta will follow EPA 600 R-93/116, and make those determinations in the lab at the time of analysis. Friability: State/Federal Regulations mandate friability shall not be determined in labs.

Reference #

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NY ELAP Lab# 11993 for PCM, PLM, TEM & Lead Dedicated to a Cleaner Environment Since 1982

Delaware Industrial Park - 6 Garfield Way - Newark, DE 19713-5817

(302) 737-3376 - Fax (302) 737-5764

Web: www.battenv.com E-mail: bettanv.ebattenv.com

CERTIFICATE OF PLM ANALYSIS

PLM Test Method: EPA 600/R-92/116 (gravimetric reduction, 400 Point County BATTA LABORATORIES, LLC A Certified MBE Company

NVLAD

EPA Lab ID #DE004

Page 1 of 3 Lab Code: 101032-0

Report Date: 9/18/2023

Date Sampled: 9/13/2023 Date Analyzed: 9/18/2023

Sampled By: Client

Revision #: 0

R112419 Sampling Data BLI Project #:

Project Name:

NORTHEAST TEST CONSULTANTS 19047-2023 / 23256031

MAINE Project Location:

Analytical Data	Data Sample ID	San	Sample Description		Gravimetric Data	tric Data	PLM	PLM-NOB Analytical Results	Results	TEM-NOB An	TEM-NOB Analytical Results
							Non-Asb	Non-Asbestos Content		Non-Asbestos Content	
Lab Sample # PLM TEM	Client Sample # Homogenous Area .I.D.	Sample	Material Description	Sample	Ashed Residue (%)	Insoluble Residue (%)	Other Content (%)	Inorganic and Other Fibrous Content <sup>1</sup>	- Asbestos Content By PLM²		Aspestos Content By TEM <sup>2</sup>
1429839 -	B-7		Floor Tile	Light Gray	80.83	0.49	100.00% Other, Particulate	N/A	<0.2% Chrysotile	N/A	Analysis Not Requested
1429840	8-B		Floor Tile	Light Gray	79.25	0.04	100.00% Other, Particulate	N/A	<0.2% Chrysotile	N/A	Analysis Not Requested
1429841	n/a B-9		Floor Tile	Light Gray	79.79	1.55	100.00% Other, Particulate	N/A	<0.2% Chrysotile	N/A	Analysis Not Requested
1429842 -	n/a B-10		Floor Tile	Black	82.31	1.48	100.00% Other, Particulate	N/A	<0.2% Chrysotile	N/A	Analysis Not Requested
1429843 -	n/a B-11		Floor Tile	Black	83.04	2.21	100.00% Other, Particulate	N/A	<0.2% Chrysotile	N/A	Analysis Not Requested
1429844	n/a B-12		Floor Tile	Black	82.41	3.61	100.00% Other, Particulate	N/A	<0.2% Chrysotile	N/A	Analysis Not Requested
1429845	n/a B-13		Underlayment	Black	36.98	22.59	98.81% Other, Particulate	N/A	1.19% Chrysotile	N/A	Analysis Not Requested
1429846	D-14		Underlayment	Black	34.78	23.25	N/A	N/A	Analysis Not Requested	N/A	Analysis Not Requested
1429847	B-15		Underlayment	Black	31.39	30.20	N/A	N/A	Analysis Not Requested	N/A	Analysis Not Requested
1429848	B-25		Exterior Wall Covering	Red&Gray	84.96	62.05	75.18% Other, Particulate	24.82% fiberglass	None Detected	N/A	Analysis Not Requested
PLM Analyst(s):	21			TEM Analyst(s):	!	:			Revi	Reviewed By:	36K

TEM	Analyst(s):	nic files, it is the responsibility of the client (herein defined as the recipions of this order for the client (herein defined as the recipions of this order for the client (herein defined as the recipions of this order for the client of the client (herein defined the client for the client of t	reproduction (including copyring and passurg), recisionation or any other actions that they arise or change the accountry or the harder or the originally wantermore these. It is not that they are the accountry or the accountry or the originally wantermore these.	with the corresponding hard copy data report.
	Madell Collins	the unsecure nature of elect	any discrepancies, affernations,	fy the data in electronic forma
PLM	Analyst(s):	Document Security Note: Due to the unsecure nature of electronic programment and programment of the programm	Laboratories, LLC is not liable for any discrepancies, affematic	recipient of these documents verify the data in electronic format with

Unless otherwise specified in the report, contents of non-asbestos inorganic fibers are not given.

2 Results reported are based on final residue through matrix reduction. Due to resolution differences, discrepancies between TEM results and PLM results are expected. Based on a possible analytical conditions within published methodology, method detection limits (MDL) of 0.05% (for TEM) and 0.20% (for PLM) have been determined.

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NY ELAP Lab# 11993 for PCM, PLM, TEM & Lead Dedicated to a Cleaner Environment Since 1982 III.W.M

Web: www.battsenv.com E-mail: battsenv.ebattsenv.com CERTIFICATE OF PLM ANALYSIS PLM Test Method: EPA 600F-92/116 (gravimetric reduction, 400 Point Count Delaware Industrial Park - 6 Garfield Way - Newark, DE 19713-5817 (302) 737-3376 - Fax (302) 737-5764 Web: www.battaenv.com E-mail: battaenv@battaenv.com BATTA LABORATORIES, LLC A Certified MBE Company



Revision #: 0

Sampling Data

R112419 BLI Project #:

NORTHEAST TEST CONSULTANTS 19047-2023 / 23256031

MAINE Project Location: Project Name:

Date Analyzed: 9/18/2023 Date Sampled: 9/13/2023 Sampled By: Client

Report Date: 9/18/2023

Page 2 of 3

Analytical Data	al Data											
	Sample ID	ole ID	Š	Sample Description		Gravimetric Data	tric Data	PLN	PLM-NOB Analytical Results	Results	TEM-NOB An	TEM-NOB Analytical Results
Lab Sar PLM	Lab Sampie # -M TEM	Client Sample # Homogenous Area .l.D.	Sample	Material Description	Sample	Ashed Residue (%)	Insoluble Residue (%)	Non-Ash Other Content (%)	Non-Asbestos Content in Inorganic and Other t (%) Fibrous Content	Asbestos Content By PLM <sup>2</sup>	Non-Asbestos Content Inorganic Fibrous Content <sup>1</sup>	Asbestos Content By TEM <sup>2</sup>
1429849		B-26 n/a		Exterior Wall Covering	Red&Gray	81.25	48.17	80.73% Other, Particulate	19.27% fiberglass	None Detected	N/A	Analysis Not Requested
1429850		B-27 n/a		Exterior Wall Covering	Red&Gray	81.84	55.42	77.83% Other, Particulate	22.17% fiberglass	None Detected	N/A	Analysis Not Requested
1429851	ı	B-33		Anti-Skid Material	Black	62.33	54.58	100.00% Other, Particulate	N/A	None Detected	N/A	Analysis Not Requested
1429852		B-35		Caulking	Gray	75.45	22.42	99.33% Other, Particulate	0.67% Fibrous Talc	<0.2% Chrysotile	N/A	Analysis Not Requested
1429853		B-36 n/a		Caulking	Gray ACM by PLM-NOB	75.76 NOB	20.13	98.29% Other, Particulate	0.60% Fibrous Talc	1.11% Chrysotile	N/A	Analysis Not Requested
1429854	•	B-37 n/a		Caulking	Gray	77.19	23.19	N/A	N/A	Analysis Not Requested	N/A	Analysis Not Requested
1429855		B-38 n/a		Textured Wallpaper	Light Tan	63.09	28.38	100.00% Other, Particulate	N/A	None Detected	N/A	Analysis Not Requested
1429856		B-39 n/a		Textured Wallpaper	Light Tan	67.07	27.11	100.00% Other, Particulate	N/A	None Detected	N/A	Analysis Not Requested
1429857		B-40 n/a		Textured Wallpaper	Light Tan	57.68	21.76	100.00% Other, Particulate	N/A	None Detected	N/A	Analysis Not Requested
1429858		B-41	-	Textured Wallpaper	Orange	71.93	21.35	100.00% Other, Particulate	N/A	None Detected	N/A	Analysis Not Requested
	PLM Analyst(s):	≥			TEM Analyst(s):					Revi	Reviewed By:	536N
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	ncluded in the attached electronic file(s). Batta	mitted files. It is recommended that the		
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Unless otherwise specified in the report, contents of non-asbestos inorganic fibers are not given.

2 gesuits reported are based on final residue through matrix reduction. Due to resolution differences, discrepancies between TEM results and PLM results are expected. Based on a possible analytical conditions within published methodology, method detection timits (MDL) of 0.05% (for TEM) and 0.20% (for PLM) have been determined.

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Illing A Manager Illing NY ELAP Lab# 11993 for PCM, PLM, TEM & Lead Dedicated to a Cleaner Environment Since 1982



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Detaware Industrial Park - 6 Garfield Way - Newark, DE 19713-5817 (302) 737-5376 - Fax (302) 737-5764 Web: www.battaenv.com E-mail: battaenv.@battaenv.com CERTIFICATE OF PLM ANALYSIS

PLM Test Method: EPA 600/R-93/116 (gravimetric reduction, 400 Point Count

NVLAD

EPA Lab ID #DE004

Page 3 of 3 Lab Code: 101032-0

Report Date: 9/18/2023

**Date Sampled: 9/13/2023** Date Analyzed: 9/18/2023

Sampled By: Client

Revision #: 0

R112419 Sampling Data BLI Project #:

NORTHEAST TEST CONSULTANTS 19047-2023 / 23256031 Project Name:

MAINE Project Location:

Analytical Data											
Sam	Sample ID	ű	Sample Description		Gravime	Gravimetric Data	PLM	PLM-NOB Analytical Results	Results	TEM-NOB And	<b>TEM-NOB Analytical Results</b>
							Non-Asb	Non-Asbestos Content	Achoetoe Contont	Non-Asbestos Content	Achaetae Content
Lab Sample # PLM TEM	Client Sample # Homogenous Area .i.D.	Sample	Material Description	Sample Color	Ashed Residue (%)	Ashed Insoluble Residue (%) Residue (%)	Other Content (%)	Inorganic and Other Fibrous Content <sup>1</sup>	By PLM <sup>2</sup>	Inorganic Fibrous Content <sup>1</sup>	By TEM <sup>2</sup>
1429859 -	8-42		Textured Wallpaper	Orange	63.97	17.79	100.00% Other,	N/A	None Detected	ΝΆ	Analysis Not
	n/a						raniculate				neisenhau
1429860	B-43		Textured Wallpaper	Orange	62.05	16.27	100.00% Other,	N/A	None Detected	NA	Analysis Not
	n/a						Farticulate				nasanhau

PLM

Madell Collins

Analyst(s):

TEM

Analyst(s):

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Unless otherwise specified in the report, contents of non-asbestos inorganic fibers are not given.

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Reviewed By:

<sup>2</sup> Resutts reported are based on final residue through matrix reduction. Due to resolution differences, discrepancies between TEM results and PLM results are expected. Based on a possible analytical conditions within published methodology, method detection limits (MDL) of 0.05% (for TEM) and 0.20% (for PLM) have been determined.



# **CHAIN OF CUSTODY**

Tel: (302) 737-3376 Fax: (302) 737-5764 6 Garfield Way, Newark, DE 19713-5817 Delaware Industrial Park

Email: battaenv@battaenv.com Web: www.battaenv.com

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BEA Project #:

Client Project #: 19047-2023 \*Notes Regarding Turnaround Times

3 Hours/Immediate (Note 1) 72 Hours (Note 5) Turnaround Times (check one, refer to notes\*)

6 Hours/Same Day (Note 2) 5 Days (Note 6)

Delivered by Customer

Shipped by Customer

Northeast Test Consultants

Customer Name:

Shipping Information

Customer Billing Information Tel 1: (207) 854-3939

Picked up by BATTA

5 - 10 days Other

> 24 Hours (Note 3) ✓ 48 Hours (Note 4)

Project Name: 23256031

Tel 1: (207) 854-3939

Deb Knight

Results To: Results To:

Westbrook ME 04092

Billing Address 2: Billing Address 1:

587 Spring Street

Project Location: Maine

346

BL Project #:

1 Specific turnaround depends on the test requested. Turnaround not available for all types of analysis. Client must make prior arrangements with lab to guarantee turnaround time. Premium rate will apply 2 Same day (by 5 p.m.) offered if samples are received by 12 noon. After that time, a 6-hour

designation may be offered. A 6-hour/Same Day turnaround time may not be available with all analyses.

3 Unless a specific time is requested, results are guaranteed by 5 p.m. on the following business day.

The turnaround time of 24 hours may not be available with all analyses.

4 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 2nd business day.

5 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 3rd business day.

Emails:	dknight@netest.com	.com eva@netest.com		b Unless a specific til	me is requested, resuits are g	uaranteed by 5 p	Lab Use Only	s ady.
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Page 2 of 5

AIHA LAP, LLC #100448 NY ELAP #11993 NVLAP #101032

ACCREDITED LABORATORY MINISTRAL HYSTENE & ERVIRORMENTAL LEAD AIHA LAP, LLC

EPA Lab #DE004

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**BEA Project #:** 

Client Project #: 19047-2023

3 Hours/Immediate (Note 1) 72 Hours (Note 5) Turnaround Times (check one, refer to notes\*)

6 Hours/Same Day (Note 2) 5 Days (Note 6)

Delivered by Customer

Picked up by BATTA

Shipped by Customer

Northeast Test Consultants

Customer Name: Billing Address 1:

Shipping Information

Customer Billing Information Tel 1: (207) 854-3939

5 - 10 days Other

✓ 48 Hours (Note 4) 24 Hours (Note 3)

Project Name: 23256031

\_Tel 1: (207) 854-3939

Deb Knight

Results To: Results To:

Westbrook ME 04092

Billing Address 2:

587 Spring Street

Project Location: Maine

 Specific turnaround depends on the test requested. Turnaround not available for all types of analysis. Gient must make prior arrangements with lab to guarantee turnaround time. Premium rate will apply, 81. Project #: 12419 \*Notes Regarding Turnaround Times

designation may be offered. A 6-hour/Same Day turnaround time may not be available with all analyses. 3 Unless a specific time is requested, results are guaranteed by 5 p.m. on the following business day.

2 Same day (by 5 p.m.) offered if samples are received by 12 noon. After that time, a 6-hour

4 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 2nd business day. The turnaround time of 24 hours may not be available with all analyses.

5 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 3rd business day.

6 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 5th business day.

Emails: UKI	Emails: UNINGINGINETEST.COIN	oill eval@iletest.colli								Lab Use Only	
Bt Hea Oak	Field Comple 10#	Sample Location / Description	Sampling	Sampling Info	Sampling Info (Air & Surface Samples)	Samples)	Sample	Test Method	Results	Date of Analysis	Analyst
DL USE OIIIY	רופוס סמווולות וה	Sample Location / Description	Date / Time	Start Time Stop	Stop Time Flow Rat	Flow Rate Volume/Area	Type				State of the last
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	B-11						1				
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	B-16	Sheetrock						PLM			
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Lab Note: When building material layers are not specified by the client on the Chain of Custody, Batta will follow EPA 600 R-93/116, and make those determinations in the lab at the time of analysis. Friability: State/Federal Regulations mandate friability shall not be determined in labs. Log-in Date: Logged-in By:

**BLI Use Only** 

For drinking water samples: for results to be valid, lab must receive samples on ice and within 48 hours of collection. For air samples collected by NIOSH 7400 and 7402: in accordance with these NIOSH methods, two field blanks or 10% of the number of field samples submitted, whichever is greater) must be submitted and be analyzed with field samples.

Total Payment Reference #

For Accounting Office Use Only



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NVLAD

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A LAP, LLC #100448 AP #101032 ELAP #11993 Lab #DE004

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3 Hours/Immediate (Note 1) 72 Hours (Note 5) Turnaround Times (check one, refer to notes\*)

6 Hours/Same Day (Note 2) 5 Days (Note 6)

Delivered by Customer

Picked up by BATTA

✓ Shipped by Customer

Northeast Test Consultants

Customer Name: Billing Address 1:

Shipping Information

Customer Billing Information Tel 1: (207) 854-3939

5 - 10 days Other

✓ 48 Hours (Note 4) 24 Hours (Note 3)

Project Name: 23256031

Tel 1: (207) 854-3939

Deb Knight

Results To: Results To:

Westbrook ME 04092

Billing Address 2:

587 Spring Street

Project Location: Maine

1 Specific turnaround depends on the test requested. Turnaround not available for all types of analysis. Client must make prior arrangements with lab to guarantee turnaround time. Premium rate will apply. BL Project #: RIID419

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5 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 3rd business day.

6 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 5th business day.

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For drinking water samples: for results to be valid, lab must receive samples on ice and within 48 hours of collection. For air samples collected by NIOSH 7400 and 7402: in accordance with these NIOSH methods, two field blanks those determinations in the lab at the time of analysis. Friability: State/Federal Regulations mandate friability shall not be determined in labs. or 10% of the number of field samples submitted, whichever is greater) must be submitted and be analyzed with field samples.

Lab Note: When building material layers are not specified by the client on the Chain of Custody, Batta will follow EPA 600 R-93/116, and make

Log-in Date:

Logged-in By:

**BLI Use Only** 

Note to Client. Batta Laboratories recommends that blanks be supplied by the client when mandated by published methods

Positive Stop by material group as noted

Special Instructions / Requests From Client (if applicable).

Sample Received By:

Unit Price / Quote

Total Payment Reference #

For Accounting Office Use Only

Purchase Order #

Not Accepted Conditions

Time:

Date:

Check #

Other



**CHAIN OF CUSTODY** 

Tel: (302) 737-3376 Fax: (302) 737-5764 6 Garfield Way, Newark, DE 19713-5817 **Delaware Industrial Park** 

Email: battaenv@battaenv.com Web: www.battaenv.com

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Page 4 of 5

AIHA LAP, LLC #100448 NY ELAP #11993 NVLAP #101032

ACCREDITED LABORATORY DUSTRAL HYSIBIE & EHVIROHMIGHTALLEAD AIHALAP, LLC ISOMED CYUZE 2005

EPA Lab #DE004

**BEA Project #:** 

Client Project #: 19047-2023

3 Hours/Immediate (Note 1) 72 Hours (Note 5) Turnaround Times (check one, refer to notes\*)

6 Hours/Same Day (Note 2) 5 Days (Note 6)

Delivered by Customer

Picked up by BATTA

✓ Shipped by Customer

Northeast Test Consultants

Customer Name: Billing Address 1:

Shipping Information

Customer Billing Information Tel 1: (207) 854-3939

5 - 10 days Other

24 Hours (Note 3) 48 Hours (Note 4)

Project Name: 23256031

Tel 1: (207) 854-3939

Deb Knight

Results To: Results To:

Westbrook ME 04092

Billing Address 2:

587 Spring Street

Project Location: Maine

Tel 2:

 Specific turnaround depends on the test requested. Turnaround not available for all types of analysis. Client must make prior arrangements with lab to guarantee turnaround time. Premium rate will apply. BL Project #: 4124(5) \*Notes Regarding Turnaround Times

designation may be offered. A 6-hour/Same Day turnaround time may not be available with all analyses. 3 Unless a specific time is requested, results are guaranteed by 5 p.m. on the following business day.

2 Same day (by 5 p.m.) offered if samples are received by 12 noon. After that time, a 6-hour

The turnaround time of 24 hours may not be available with all analyses.

4 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 2nd business day.

5 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 3rd business day.

6 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 5th business day. eva@netest.com dknight@netest.com Emails:

Bt. Use Only	Field Sample ID#	Sample Location / Description	tion	Sampling	Samplin		Surface Sam	(səldı	Sample	Test Method	Results	Date of Analysis	Analyst
			STATE STATE STATE	Date / Time	Start Time	Stop Time	How Rate Volume/Area	olume/Area	Type	ON THE PROPERTY OF THE PARTY OF		The latest and the latest	
	B-3678	Sprayed-on Texture	7	9-13-23 1200					Bulk	PLM			
	8-39 3 9	JE59/14	> 4.5.										
	8-46 30	•											
	B-31	Ceramic "plank"											
	B-32	Ceramic Tile								>			
1789611	B-33	Anti-Skid Material								PLM-NOB			
	B-34	Ceramic "plank"								PLM			
67%	B-35	Caulking 7	,							PLM-NOB			
853	B-36	_	P.5.										
458	B-37	>		7					<b>\</b>	>			
Sample Relingu	Sample Relinguished Bv: Deb Knight	ight	Date:	Date: 9/13/2023	Time:	Time: 5:00 pm		BL Use Only	λı			Method of Payment	nent
		1	0	aliulez	I imp	1831		"No" and ext	mples not a	Are some samples not accepted? If so, check "No" and explain conditions in the box below.	heck below.	Cash Cashier	
Salliple necelved by.	cived by.		Date	614 419		1		□ Yes □ No	% U	Received on Ice	on Ice	Visa / Mastercard / Discover	/ Discover
Sample Relinquished By:	ished By:		Date:		Time:	The state of the s	100	Field Samules	Pc			Money Order	
Sample Received By:	eived By:		Date:		Time:			Not Accepted	e q			Purchase Order #	
Special Instructi	ons / Requests From	Special Instructions / Requests From Client (if applicable):						Conditions	: suc			Check#	
* Positive S	Stop by materia Laboratories recomm	* Positive Stop by material group as noted	hen mandated by	published methods.								Other Unit Price / Quote	
BLI Use Only	Logge	Logged-in By: Log-ir	Log-in Date:		Date:							Total Payment	
Lab Note: When	building material lay	Lab Note: When building material layers are not specified by the client on the Chain of Custody, Batta will follow EPA 600 R-93/116, and make	re Chain of Cus	tody, Batta will follo	ow EPA 600 R-	93/116, and	make	For Ac	counting	For Accounting Office Use Only	Only	Reference #	
Ithose determina	tions in the lab at the	those determinations in the lab at the time of analysis. Friability: State/Federal Regulations mandate Irlability snall not be determined in labs.	erai Kegulation	s mandate irlability	snail not be o	etermined if	I IdDs.	2	2	0			

For drinking water samples: for results to be valid, lab must receive samples on ice and within 48 hours of collection. For air samples collected by NIOSH 7400 and 7402: in accordance with these NIOSH methods, two field blanks

(or 10% of the number of field samples submitted, whichever is greater) must be submitted and be analyzed with field samples.



# **CHAIN OF CUSTODY**

Tel: (302) 737-3376 Fax: (302) 737-5764 6 Garfield Way, Newark, DE 19713-5817 Delaware Industrial Park

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Page 5 of 5

AIHA LAP, LLC #100448 NY ELAP #11993 NVLAP #101032

ACCREDITED LABORATORY HIDLSTRIAL HYSIENE & EHVIRONMENTAL LEAD AIHALAP, LLC

EPA Lab #DE004

Client Project #: 19047-2023

3 Hours/Immediate (Note 1) 72 Hours (Note 5) Turnaround Times (check one, refer to notes\*)

6 Hours/Same Day (Note 2) 5 Days (Note 6)

Delivered by Customer

✓ Shipped by Customer

Northeast Test Consultants

Westbrook ME 04092

Billing Address 2: Billing Address 1: Customer Name:

587 Spring Street

Shipping Information

Customer Billing Information Tel 1: (207) 854-3939

Picked up by BATTA

5 - 10 days Other

√ 48 Hours (Note 4) 24 Hours (Note 3)

Tel 1: (207) 854-3939 Project Name: 23256031

Deb Knight

Results To: Results To:

Project Location: Maine

BEA Project #:

1 Specific turnaround depends on the test requested. Turnaround not available for all types of analysis. BL Project #: \*Notes Regarding Turnaround Times

designation may be offered. A 6-hour/Same Day turnaround time may not be available with all analyses. Client must make prior arrangements with lab to guarantee turnaround time. Premium rate will apply, 2 Same day (by 5 p.m.) offered if samples are received by 12 noon. After that time, a 6-hour

3 Unless a specific time is requested, results are guaranteed by 5 p.m. on the following business day. The turnaround time of 24 hours may not be available with all analyses.

4 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 2nd business day.

6 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 5th business day.

5 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 3rd business day.

Emails:	diving hearst.com				34			THE RESTAN	Lab Use Only	IN WALLES HAR
	100	and the formation of the state	Sampling	Sampling Info (Air & Surface Samples)	ce Samples)	Sample	Toct Mathod	Pocuite	Date of Analysis	Anshet
BL Use Only	Field Sample ID#	Sample Location / Description	Date / Time	Start Time Stop Time Flow	Stop Time   Flow Rate   Volume/Area	Туре	ו פאר ואוברווסמ	cincau		Aliaiyat
ンショッとか	B-38	Textured Wallpaper 7	9-13-23 1200			Bulk	PLM Nog	3		
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SLOD	B-43	_ C _ ^	>			>	>			
Sample Relinqui	Sample Relinquished By: Deb Knight		Date: 9/13/2023	Time: 5:00 pm	BL Use Only	nly	BL Use Only	700 t	Method of Payment	nent
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				Time		<u>2</u>	Yes No Received on Ice	on Ice	Wisa/ Mastercard	/ DISCOVER
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For drinking water samples: for results to be valid, lab must receive samples on ice and within 48 hours of collection. For air samples collected by NIOSH 7400 and 7402: in accordance with these NIOSH methods, two field blanks (or 10% of the number of field samples submitted, whichever is greater) must be submitted and be analyzed with field samples.

Lab Note: When building material layers are not specified by the client on the Chain of Custody, Batta will follow EPA 600 R-93/116, and make those determinations in the lab at the time of analysis. Friability: State/Federal Regulations mandate friability shall not be determined in labs.

Log-in Date:

Logged-in By:

**BLI Use Only** 

Note to Client: Batta Laboratories recommends that blanks be supplied by the client when mandated by published methods

\* Positive Stop by material group as noted

Special Instructions / Requests From Client (if applicable)

For Accounting Office Use Only

Unit Price / Quote Total Payment Reference #

Other



NY ELAP# 11993 PCM, PLM, TEM & LEAD



### BATTA LABORATORIES, LLC

Delaware Industrial Park,6 Garfield Way Newark, DE 19713-5817 Tel. (302)737-3376 Fax (302)-737-5764

Newark, DE - Columbia, MD - Philadelphia, PA

Web: http://www.battaenv.com E-mail: battaenv@battaenv.com









# **REPORT OF ANALYSIS**

Report#:

RP23091511

**Project Number:** 

230914017

Project Name:

Northeast Test Consulants

**Project Location:** 

23256006 Maine

**Date Received:** 

09/14/2023

Date Received.

09/14/2023

Date Analyzed:

09/15/2023

Analyte Requested: Lead

Date Sampled:

09/13/2023

Sampled By:

Client

Date Report Issued: 09/15/2023

Sample #	Field Sample #	Sample Description	Parameters	Results (mg/kg)	Result(% Weight)	Method	Reportir (mg/kg)	
230914017.0 01	01	L-1 White Paint	Lead	120	0.012	Test Method: EPA 3050B/7000B	63	0.0063
230914017.0 02	02	L-2 Brown Paint	Lead	<63	<0.0063	Test Method: EPA 3050B/7000B	63	0.0063
230914017.0 03	03	L-3 Taupe Paint	Lead	<63*	<0.0063*	Test Method: EPA 3050B/7000B	63	0.0063
230914017.0 04	04	L-4 Lime Green Paint	Lead	<63	<0.0063	Test Method: EPA 3050B/7000B	63	0.0063
230914017.0 05	05	L-5 Light Green Paint	Lead	<63	<0.0063	Test Method: EPA 3050B/7000B	63	0.0063
230914017.0 06	06	L-6 Purple Paint	Lead	<63	<0.0063	Test Method: EPA 3050B/7000B	63	0.0063
230914017.0 07	07	L-7 White Paint	Lead	110	0.011	Test Method: EPA 3050B/7000B	63	0.0063

Batta Lab strives on customer feedback to improve the quality of our services. Please e-mail your feedback to feedback@battaenv.com.

Analyst: \_

Sarah Hopkins

QA/QC BY:

N.C. Batta/A.Lewis (QA/QC Officer)

<sup>\*</sup> Material submitted was below the minimum amount required.

Note: 1. EPA guidelines require identification of paint samples as "lead based paint" when concentrations are found to be greater than 0.5% by weight; 2. Quality control results in this report are acceptable; 3. Results relate only to the items tested (on a dry weight basis); Batta Laboratories, LLC is not responsible for sample collection, nor interpretations made by others; 4. This report does not constitute endorsement by AIHA-LAP, LLC., NVLAP and/or any other U.S. governmental agencies; 5. Lab results/calculations are reported in 2 significant figures. Clients data/measurements are reported as they were submitted. Samples received in acceptable condition unless otherwise noted. 6. The designation of "CL" as the Analyst on this report denotes that there are samples listed above which were submitted to an accredited partner lab for analysis. 8. This report must not be reproduced without the written approval of BATTA Laboratories.



# **CHAIN OF CUSTODY**

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998	MEDISTRAL		-

BEA Project #:	Client Project #: 19047-2023 BL Project #: R112419	*Notes Regarding Turnaround Times 1. Secrific turnaround depends on the test requested. Turnaround not available for all types of analysis.	Client must make prior arrangements with lab to guarantee turnaround time. Premium rate will apply. 2 Same day (by S p.m.) offered if samples are received by 12 noon. After that time, a 6-hour	designation may be offered. A 6-hour/Same Day turnaround time may not be available with all analyses.	<ol> <li>Unless a specime time is requested, results are guaranteed by 9 p.m. on the rollowing business day.</li> <li>The turnaround time of 24 hours may not be available with all analyses.</li> </ol>	4 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 2nd business day.	5 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 3rd business day.	6 Unless a specific time is requested, results are guaranteed by 5 p.m. on the 5th business day.	Lab Use Only	Samples) Sample Test Method Results Date of Analysis Analyst Type	Bulk AAS						>		BL Use Only Method of Payment	"No" and explain conditions in the box below.	No Received on Ice	Field Samples
Turnaround Times (check one, refer to notes*)	3 Hours/Immediate (Note 1) 72 Hours (Note 5)	(Note 2) 5 Days (Note 6)	State of the state			4	3 5	19 CIOTIONEO	1228	Sampling Sampling Info (Air & Surface Samples)  Date / Time Start Time Stop Time   Flow Rate   Volume/Area	9-13-23 1200						7		9/13/2023 Time: 5:00 pm	14/03 Time: 1830	Time:	
Tel 1. (207) 854-3939 Shipping Information Tu	Picked up by BATTA	Delivered by Customer	A Constitution of Constitution		23256006	Tel 1: (201) 004-3939	Tel 2: Maine	PVA		Sample Location / Description	White Paint 9	Brown Paint	Taupe Paint	Lime Green Paint	Light Green Paint	Purple Paint	White Paint		Du Kurnt Date:	Muk. Date: 9	Date:	
Customer Billing Information Tel 1.		Customer Name: Northeast Test Consultants	Billing Address 1: 587 Spring Street	Billing Address 2: Westbrook ME 04092	1 1/1:21-4	Results To: Deb Knight Tel	Results To:	dknight@netest com	Emails: Cliving Inc.	BL Use Only Field Sample ID#	10 IO	O2 L-2	O3 L-3	P 1-4	OS L-5	97 79	<u>6</u> 1 Γ-1		Sample Relinquished By: Deb Knight	Sample Received By:	Sample Relinquished By:	

For drinking water samples: for results to be valid, lab must receive samples on ice and within 48 hours of collection. For air samples collected by NIOSH 7400 and 7402: in accordance with these NIOSH methods, two field blanks For Accounting Office Use Only those determinations in the lab at the time of analysis. Friability: State/Federal Regulations mandate friability shall not be determined in labs. (or 10% of the number of field samples submitted, whichever is greater) must be submitted and be analyzed with field samples.

Lab Note: When building material layers are not specified by the client on the Chain of Custody, Batta will follow EPA 600 R-93/116, and make

Log-in Date:

Logged-in By:

**BLI Use Only** 

Note to Client: Batta Laboratories recommends that blanks be supplied by the client when mandated by published methods.

Special Instructions / Requests From Client (if applicable):

Sample Received By:

Unit Price / Quote

Check # Other

Not Accepted Conditions

Time:

Date:

Total Payment Reference #



### ANALYTICAL REPORT

Lab Number: L2353409

Client: Haley & Aldrich

75 Washington Avenue

Suite 203

Portland, ME 04101-2617

ATTN: Dave Dearden Phone: (207) 482-4600

Project Name: 1091 CONGRESS ST

Project Number: Not Specified Report Date: 09/18/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019 508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: 1091 CONGRESS ST

Project Number: Not Specified

 Lab Number:
 L2353409

 Report Date:
 09/18/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2353409-01	PCB-1	SOLID	MAINE	09/13/23 13:00	09/13/23
L2353409-02	PCB-2	SOLID	MAINE	09/13/23 13:00	09/13/23
L2353409-03	PCB-3	SOLID	MAINE	09/13/23 13:00	09/13/23
L2353409-04	PCB-4	SOLID	MAINE	09/13/23 13:00	09/13/23



L2353409

Lab Number:

Project Name: 1091 CONGRESS ST

Project Number: Not Specified Report Date: 09/18/23

### **Case Narrative**

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.	



L2353409

Project Name: 1091 CONGRESS ST Lab Number:

Project Number: Not Specified Report Date: 09/18/23

**Case Narrative (continued)** 

**PCBs** 

L2353409-01: The sample has elevated detection limits due to limited sample volume available for analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

Title: Technical Director/Representative Date: 09/18/23

Melissa Sturgis Melissa Sturgis

ANALYTICAL TOTAL

# **ORGANICS**



# **PCBS**



Project Name: 1091 CONGRESS ST Lab Number: L2353409

Project Number: Not Specified Report Date: 09/18/23

**SAMPLE RESULTS** 

Lab ID: Date Collected: 09/13/23 13:00

Client ID: PCB-1 Date Received: 09/13/23
Sample Location: MAINE Field Prep: Not Specified

Sample Depth:

Matrix: Solid Extraction Method: EPA 3540C
Analytical Method: 1,8082A Extraction Date: 09/14/23 15:40
Analytical Date: 09/18/23 07:46 Cleanup Method: EPA 3630

Analyst: SDC

Percent Solids: Results reported on an 'AS RECEIVED' basis.

Cleanup Date: 09/17/23
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	<b>Dilution Factor</b>	Column
Polychlorinated Biphenyls by GC - West	borough Lab						
Assolat 4040	ND			4.400		4	Δ.
Aroclor 1016	ND		ug/kg	1400		1	Α
Aroclor 1221	ND		ug/kg	1400		1	Α
Aroclor 1232	ND		ug/kg	1400		1	Α
Aroclor 1242	ND		ug/kg	699		1	Α
Aroclor 1248	ND		ug/kg	1400		1	Α
Aroclor 1254	ND		ug/kg	1400		1	Α
Aroclor 1260	ND		ug/kg	1400		1	Α
Aroclor 1262	ND		ug/kg	1400		1	Α
Aroclor 1268	ND		ug/kg	699		1	Α
PCBs, Total	ND		ug/kg	699		1	Α

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	Α
Decachlorobiphenyl	66		30-150	Α
2,4,5,6-Tetrachloro-m-xylene	66		30-150	В
Decachlorobiphenyl	63		30-150	В

Project Name: 1091 CONGRESS ST Lab Number: L2353409

Project Number: Not Specified Report Date: 09/18/23

**SAMPLE RESULTS** 

Lab ID: L2353409-02 Date Collected: 09/13/23 13:00

Client ID: PCB-2 Date Received: 09/13/23
Sample Location: MAINE Field Prep: Not Specified

Sample Depth:

Matrix: Solid Extraction Method: EPA 3540C
Analytical Method: 1,8082A Extraction Date: 09/14/23 19:50
Analytical Date: 09/18/23 07:56 Cleanup Method: EPA 3630

Analyst: SDC

Percent Solids: Results reported on an 'AS RECEIVED' basis.

Cleanup Date: 09/17/23
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column					
Polychlorinated Biphenyls by GC - Westl	Polychlorinated Biphenyls by GC - Westborough Lab											
Aroclor 1016	ND		ug/kg	619		1	А					
Aroclor 1221	ND		ug/kg	619		1	Α					
Aroclor 1232	ND		ug/kg	619		1	Α					
Aroclor 1242	ND		ug/kg	310		1	Α					
Aroclor 1248	ND		ug/kg	619		1	А					
Aroclor 1254	ND		ug/kg	619		1	Α					
Aroclor 1260	ND		ug/kg	619		1	Α					
Aroclor 1262	ND		ug/kg	619		1	Α					
Aroclor 1268	ND		ug/kg	310		1	А					
PCBs, Total	ND		ug/kg	310		1	Α					

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	Α
Decachlorobiphenyl	78		30-150	Α
2,4,5,6-Tetrachloro-m-xylene	78		30-150	В
Decachlorobiphenyl	74		30-150	В



Project Name: 1091 CONGRESS ST Lab Number: L2353409

Project Number: Not Specified Report Date: 09/18/23

**SAMPLE RESULTS** 

Lab ID: L2353409-03 Date Collected: 09/13/23 13:00

Client ID: PCB-3 Date Received: 09/13/23
Sample Location: MAINE Field Prep: Not Specified

Sample Depth:

Matrix: Solid Extraction Method: EPA 3540C
Analytical Method: 1,8082A Extraction Date: 09/14/23 19:50
Analytical Date: 09/18/23 08:06 Cleanup Method: EPA 3630

Analyst: SDC

Percent Solids: Results reported on an 'AS RECEIVED' basis.

Cleanup Date: 09/17/23
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	<b>Dilution Factor</b>	Column
Polychlorinated Biphenyls by GC - Westl	oorough Lab						
Assolut 4040	ND			740		4	Δ.
Aroclor 1016	ND		ug/kg	743	<b></b>	1	Α
Aroclor 1221	ND		ug/kg	743		1	Α
Aroclor 1232	ND		ug/kg	743		1	Α
Aroclor 1242	ND		ug/kg	372		1	Α
Aroclor 1248	ND		ug/kg	743		1	Α
Aroclor 1254	ND		ug/kg	743		1	Α
Aroclor 1260	ND		ug/kg	743		1	Α
Aroclor 1262	ND		ug/kg	743		1	Α
Aroclor 1268	ND		ug/kg	372		1	Α
PCBs, Total	ND		ug/kg	372		1	Α

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	Α
Decachlorobiphenyl	68		30-150	Α
2,4,5,6-Tetrachloro-m-xylene	74		30-150	В
Decachlorobiphenyl	67		30-150	В



Project Name: 1091 CONGRESS ST Lab Number: L2353409

Project Number: Not Specified Report Date: 09/18/23

**SAMPLE RESULTS** 

Lab ID: L2353409-04 Date Collected: 09/13/23 13:00

Client ID: PCB-4 Date Received: 09/13/23
Sample Location: MAINE Field Prep: Not Specified

Sample Depth:

Matrix: Solid Extraction Method: EPA 3540C
Analytical Method: 1,8082A Extraction Date: 09/14/23 19:50
Analytical Date: 09/18/23 08:16 Cleanup Method: EPA 3630

Analyst: SDC

Percent Solids: Results reported on an 'AS RECEIVED' basis.

Cleanup Date: 09/17/23
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B

Cleanup Date:

09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC	- Westborough Lab						
Aroclor 1016	ND		ug/kg	540		1	Α
Aroclor 1221	ND		ug/kg	540		1	Α
Aroclor 1232	ND		ug/kg	540		1	Α
Aroclor 1242	ND		ug/kg	270		1	Α
Aroclor 1248	ND		ug/kg	540		1	Α
Aroclor 1254	ND		ug/kg	540		1	А
Aroclor 1260	ND		ug/kg	540		1	А
Aroclor 1262	ND		ug/kg	540		1	Α
Aroclor 1268	ND		ug/kg	270		1	А
PCBs, Total	ND		ug/kg	270		1	Α

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	Α
Decachlorobiphenyl	71		30-150	Α
2,4,5,6-Tetrachloro-m-xylene	72		30-150	В
Decachlorobiphenyl	71		30-150	В

L2353409

Lab Number:

**Project Name:** 1091 CONGRESS ST

Report Date: **Project Number:** 

Not Specified 09/18/23

> **Method Blank Analysis Batch Quality Control**

Analytical Method: 1,8082A Analytical Date: 09/18/23 07:16

Analyst: SDC

Extraction Method: EPA 3540C 09/14/23 15:40 **Extraction Date:** EPA 3630 Cleanup Method: Cleanup Date: 09/17/23 Cleanup Method: EPA 3665A Cleanup Date: 09/17/23 Cleanup Method: EPA 3660B Cleanup Date: 09/17/23

Parameter	Result	Qualifier Units	RL	MD	L Column
Polychlorinated Biphenyls by GC -	Westborough	Lab for sample(s)	: 01-04	Batch: WO	G1827585-1
Aroclor 1016	ND	ug/kg	617		А
Aroclor 1221	ND	ug/kg	617		А
Aroclor 1232	ND	ug/kg	617		A
Aroclor 1242	ND	ug/kg	309		Α
Aroclor 1248	ND	ug/kg	617		А
Aroclor 1254	ND	ug/kg	617		А
Aroclor 1260	ND	ug/kg	617		Α
Aroclor 1262	ND	ug/kg	617		Α
Aroclor 1268	ND	ug/kg	309		Α
PCBs, Total	ND	ug/kg	309		А

Surrogate		Acceptance			
	%Recovery Qualifier	Criteria	Column		
0.450.7	25	00.450			
2,4,5,6-Tetrachloro-m-xylene	65	30-150	Α		
Decachlorobiphenyl	69	30-150	Α		
2,4,5,6-Tetrachloro-m-xylene	68	30-150	В		
Decachlorobiphenyl	62	30-150	В		



# Lab Control Sample Analysis Batch Quality Control

Project Name: 1091 CONGRESS ST

**Project Number:** 

Not Specified

Lab Number:

L2353409

Report Date:

09/18/23

<b>.</b>	LCS		LCSD		%Recovery			RPD	
Parameter	%Recovery	Qual	%Recovery	Qual	Limits	RPD	Qual	Limits	Column
Polychlorinated Biphenyls by GC - Westbo	orough Lab Associa	ted sample(s)	: 01-04 Batch:	WG1827	7585-2 WG182758	35-3			
Aroclor 1016	64		68		40-140	6		50	Α
Aroclor 1260	64		67		40-140	5		50	Α

Surrogate	LCS %Recovery Qua	LCSD al %Recovery Qual	Acceptance Criteria Column
2,4,5,6-Tetrachloro-m-xylene	65	71	30-150 A
Decachlorobiphenyl	70	73	30-150 A
2,4,5,6-Tetrachloro-m-xylene	66	72	30-150 B
Decachlorobiphenyl	66	68	30-150 B



1091 CONGRESS ST Lab Number: L2353409

Project Number: Not Specified Report Date: 09/18/23

## Sample Receipt and Container Information

Were project specific reporting limits specified?

**Cooler Information** 

Project Name:

Cooler Custody Seal

A Absent

Container Information		Initial	Final	Temp			Frozen			
Container ID	Container Type	Cooler	рН	рH	рН	deg C	Pres	Seal	Date/Time	Analysis(*)
L2353409-01A	Glass 60mL/2oz unpreserved	Α	NA		3.3	Υ	Absent		PCB-8082-CAULK(365)	
L2353409-02A	Glass 60mL/2oz unpreserved	Α	NA		3.3	Υ	Absent		PCB-8082-CAULK(365)	
L2353409-03A	Glass 60mL/2oz unpreserved	Α	NA		3.3	Υ	Absent		PCB-8082-CAULK(365)	
L2353409-04A	Glass 60mL/2oz unpreserved	Α	NA		3.3	Υ	Absent		PCB-8082-CAULK(365)	



Project Name:1091 CONGRESS STLab Number:L2353409Project Number:Not SpecifiedReport Date:09/18/23

### **GLOSSARY**

### **Acronyms**

**EDL** 

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

 Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case

estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of

analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

 Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

MS

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's

reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile

Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL

includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the

values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the

associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF

and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report



Project Name:1091 CONGRESS STLab Number:L2353409Project Number:Not SpecifiedReport Date:09/18/23

### **Footnotes**

 The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

### **Terms**

1

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benza(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

### Data Qualifiers

- A -Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
- H The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I The lower value for the two columns has been reported due to obvious interference.
- ${\bf J} \qquad \hbox{-Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs)}.$
- Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report



Project Name:1091 CONGRESS STLab Number:L2353409Project Number:Not SpecifiedReport Date:09/18/23

### **Data Qualifiers**

- ND Not detected at the reporting limit (RL) for the sample.
- NJ Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P The RPD between the results for the two columns exceeds the method-specified criteria.
- Q The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- **R** Analytical results are from sample re-analysis.
- RE Analytical results are from sample re-extraction.
- S Analytical results are from modified screening analysis.
- The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report



Project Name:1091 CONGRESS STLab Number:L2353409Project Number:Not SpecifiedReport Date:09/18/23

### REFERENCES

Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

### **LIMITATION OF LIABILITIES**

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc. Facility: Company-wide

Department: Quality Assurance

Title: Certificate/Approval Program Summary

ID No.:17873

Page 1 of 1

Revision 20 Published Date: 6/16/2023 4:52:28 PM

# Certification Information

### The following analytes are not included in our Primary NELAP Scope of Accreditation:

### Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; 4-Ethyltoluene, Az

EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

## **Mansfield Facility**

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

### The following analytes are included in our Massachusetts DEP Scope of Accreditation

### Westborough Facility:

### **Drinking Water**

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; EPA 353.2: Nitrate-N, Nitrite-N; SM4500NO3-F: Nitrate-N, Nitrite-N; SM4500F-C, SM4500CN-CE,

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; EPA 504.1: EDB, DBCP

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D.

### Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kieldahl-N, EPA 350.1: Ammonia-N, LACHAT 10-107-06-1-B: Ammonia-N, EPA 351.1, SM4500NO3-F, EPA 353.2: Nitrate-N, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate. EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan II, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

### **Mansfield Facility:**

### Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. EPA 200.8: Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. EPA 245.1 Hg. EPA 522, EPA 537.1.

### Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Pre-Qualtrax Document ID: 08-113 Document Type: Form

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NZ	PCB-3								
NI	PCB-4	1	1					-	
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