ADDENDUM NO. 01 February 7, 2025

RE: West Wall Structural Repairs at the Green Barn
Dorothea Dix Psychiatric Center
Bangor, ME

GALE JN: 843180
BGS: 3748

FROM: Gale Associates, Inc.
5 Moulton Street, Suite 201
Portland, ME 04101

TO: ALL PROSPECTIVE BIDDERS

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated January 22, 2025 as noted below. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification. This Addendum consists of **52 pages**, including attachments.

ITEM 1. **Pre-Bid Conference Sign-In Sheet**

Clarification: Refer to the attached sign-in sheet for those who attended the Pre-Bid Conference on January 29, 2025 (1 page).

ITEM 2. **Contract Drawing List**

Question: Contract documents are listed to include S102. Drawings do not list S102. Confirm if S102 is a part of the bid documents, and if so, please provide.

Reference: 00-01-10 - Table of Contents

Clarification: There is no Drawing S102.

Modification: Change sheet number from S102 to S201 on Page 3 in Section 00-01-10 - Table of Contents.

ITEM 3. **Hazardous Materials**

Question: Is the contractor responsible for hazardous materials?

Clarification: It is not anticipated that the Contractor will encounter Hazard Materials within the scope of work area. However, there are some hazardous materials present at the Green Barn. For reference to the items that were identified, refer to the attached Hazardous Building Material Inventory (HBMI) Report as prepared by Ransom Consulting LLC/Pinchin Company, dated July 2, 2024 (47 pages).

ITEM 4. **Background Checks**

Question: Will background checks for contractor and subcontractors be required for this project?

Clarification: Yes, any contractor hired to work at a State of Maine building are required to pass a background check.

ITEM 5. **Insurance Requirements**

Question: Is builder's risk insurance required? If so, for what portion of the building and/or property?

Reference: 00-72-13.9.3.4 General Conditions

Clarification: Because this work is not considered new construction, Builder's Risk Insurance is not required. The Owner's Protective Liability insurance will still be required.

ITEM 6. **Prevailing Wage**

Question: The prevailing wage included is for Kennebec County. Project is located in Penobscot County. Please confirm wage rate.

Reference: 00 73 46 - Wage Determination Schedule

Clarification: Wage rate shall be for Penobscot County.

Modification: Replace Page 2 of the 2025 Fair Minimum Wage Rates - Building 2 Kennebec County with the attached 2025 Fair Minimum Wage Rates - Building 2 Penobscot County Wage Determination (1 page).

ITEM 8. **Temporary use of Electrical and Water**

Question: Please verify if electrical power and water is available on site for contractor use.

Reference: 01-50-00-1.9. A-C Temporary Facilities

Clarification: There is electrical in the barn, which may be used by the Contractor. However, the Contractor should supplemental any electrical power needs with their own temporary power, such as generators, to complete the work as needed, which shall be furnished and paid for by the Contractor.

There is no water in the barn. Contractor will need to provide water for its own use to complete the work as needed, which shall be furnished and paid for by the Contractor.

ITEM 9. **Retainage**

Question: Retainage of 5% and 10% are both specified. Please verify retainage.

Reference: 00-71-00-1.44 Definitions
00-72-13-33.1 General Conditions
01-70-00-1.7.A Project Closeout

Clarification: Retainage will be 5%.

ITEM 10. **Timber Framing**

Question: Timber Framing Note #2 calls for all framing material to be Douglas-Fir LARCH. Please clarify if Douglas-Fir is required, or any LARCH species that meets the required specifications.

Reference: S001 - Structural Notes

Clarification: Species of wood shall be Douglas Fir Larch.

ITEM 11. **Hardware**

Question: Page S001 allows for all hardware to be hot-dipped galvanized; Page S501/1 specifies Stainless Steel Angle Washers. Can these washers, and all hardware be hot-dipped galvanized?

Reference: S001 - Structural Notes
S501/1 - Timber Connection Details (1 of 2)

Clarification: The washers and all hardware shall be hot-dipped galvanized.

END OF ADDENDUM NO. 1

		# of Pages
Attachments:	Pre-Bid Meeting Attendees 2025 0129	1
	2025 Penobscot County Wage Rate Determination	1
	Dorothea Dix Green Barn HBMI Report	47

\\GaleFile\BT-DOC\843180\03 Bid\addenda\Addendum No. 1\843180 Green Barn - Addendum 01 2025 0207.docx

THIS DOCUMENT MUST BE CLEARLY POSTED AT ALL CONSTRUCTION SITES FUNDED IN PART WITH STATE FUNDS

State of Maine
Department of Labor
Bureau of Labor Standards
Augusta, Maine 04333-0045
Telephone (207) 623-7906

Wage Determination - In accordance with 26 MRS §1301 et. seq., this is a determination by the Bureau of Labor Standards, of the fair minimum wage rate to be paid to laborers and workers employed on the below titled project.

2025 Fair Minimum Wage Rates – Building 2 Penobscot County (other than 1 or 2 family homes)

Occupational Title	Minimum Wage	Minimum Benefit	Total
Brickmasons And Blockmasons	$33.00	$11.13	$44.13
Bulldozer Operator	$34.44	$2.21	$36.65
Carpenter	$28.72	$19.38	$48.10
Cement Masons And Concrete Finisher	$26.00	$0.00	$26.00
Construction And Maintenance Painters	$26.38	$0.25	$26.63
Construction Laborer	$21.90	$19.72	$41.62
Crane And Tower Operators	$34.50	$10.68	$45.18
Crushing Grinding And Polishing Machine Operators	$27.50	$5.64	$33.14
Earth Drillers - Except Oil And Gas	$22.37	$2.35	$24.72
Electrical Power - Line Installer And Repairers	$43.26	$16.55	$59.81
Electricians	$37.43	$20.07	$57.50
Elevator Installers And Repairers	$71.21	$43.75	$114.96
Excavator Operator	$31.38	$5.83	$37.21
Fence Erectors	$20.00	$1.23	$21.23
Flaggers	$20.50	$0.40	$20.90
Floor Layers - Except Carpet/Wood/Hard Tiles	$26.50	$3.83	$30.33
Glaziers	$21.00	$2.39	$23.39
Grader/Scraper Operator	$31.00	$6.86	$37.86
Hazardous Materials Removal Workers	$21.13	$1.14	$22.27
Heating And Air Conditioning And Refrigeration Mechanics And Installers	$34.00	$5.60	$39.60
Heavy And Tractor - Trailer Truck Drivers	$22.75	$1.12	$23.87
Highway Maintenance Workers	$22.85	$4.79	$27.64
Industrial Machinery Mechanics	$30.00	$4.60	$34.60
Industrial Truck And Tractor Operators	$26.17	$3.49	$29.66
Insulation Worker - Mechanical	$24.00	$6.07	$30.07
Ironworker - Ornamental	$31.37	$25.82	$57.19
Light Truck Or Delivery Services Drivers	$27.99	$2.02	$30.01
Loading Machine And Dragline Operators	$25.50	$4.99	$30.49
Millwrights	$31.45	$15.17	$46.62
Mobile Heavy Equipment Mechanics - Except Engines	$30.00	$5.67	$35.67
Operating Engineers And Other Equipment Operators	$28.50	$3.54	$32.04
Paving Surfacing And Tamping Equipment Operators	$28.60	$12.03	$40.63
Pile-Driver Operators	$36.00	$2.87	$38.87
Pipe/Steam/Sprinkler Fitter	$43.76	$25.44	$69.20
Pipelayers	$27.48	$4.72	$32.20
Plumbers	$38.75	$22.96	$61.71
Pump Operators - Except Wellhead Pumpers	$56.03	$34.76	$90.79
Radio Cellular And Tower Equipment Installers	$30.00	$4.85	$34.85
Reinforcing Iron And Rebar Workers	$56.69	$2.27	$58.96
Riggers	$31.95	$25.00	$56.95
Roofers	$24.00	$3.60	$27.60
Sheet Metal Workers	$25.75	$6.31	$32.06
Structural Iron And Steel Workers	$31.95	$25.00	$56.95
Tapers	$28.00	$2.40	$30.40
Telecommunications Equipment Installers And Repairers - Except Line Installers	$33.44	$6.87	$40.31
Telecommunications Line Installers And Repairers	$29.50	$1.96	$31.46

Welders are classified as the trade to which welding is incidental (e.g. welding structural steel is Structural Iron and Steel Worker)

Apprentices – The minimum wage rates for registered apprentices are the rates recognized in the sponsorship agreement for registered apprentices working in the pertinent classification.

For any other specific trade on this project not listed above, contact the Bureau of Labor Standards for further clarification.

Title 26 §1310 requires that a clearly legible statement of all fair minimum wage and benefits rates to be paid the several classes of laborers, workers and mechanics employed on the construction on the public work must be kept posted in a prominent and easily accessible place at the site by each contractor and subcontractor subject to sections 1304 to 1313.

Appeal – Any person affected by the determination of these rates may appeal to the Commissioner of Labor by filing a written notice with the Commissioner stating the specific grounds of the objection within ten (10) days from the filing of these rates.

A true copy

Attest: Scott R. Cotnoir
Scott R. Cotnoir
Wage & Hour Director
Bureau of Labor Standards

Expiration Date: 12-31-2025
Revision Date: 2-3-2025

Gale Associates, Inc.
5 Moulton Street, Suite 201 | Portland, ME 04101
P 207.536.1092 | www.galeassociates.com

PRE-BID WALKTHROUGH - SIGN-IN SHEET

Date: January 29, 2025
Time: 10:00 AM

JN: 843180
RE: Green Barn - West Wall Structural Repairs at
Dorothea Dix Psychiatric Center
Bangor, ME

State of Maine - Bureau of General Services

#	Attendee Name Company/Firm Name Address City, State, Zip Code	Telephone	Email
1	**Mr. John Kenney** State of Maine - Bureau of General Services	Office: (207) 974-9824 Cell: ( )	john.kenney@maine.gov
2	**Mr. Arno Skalski** Gale Associates, Inc. 5 Moulton Street, Suite 201 Portland, ME 04101	Office: (207) 536-1092 Cell: ( )	als@gainc.com
3	**Mr. Jason Stutheit** C.E.M./DP Porter Inc. 35 Elaine Drive Hermon, ME 04401	Office: (207) 848-7486 Cell: ( ) 322-4682	jason@cemmaine.com
4	**Mr. Nate Colby** Nickerson & O'Day 35 Airport Road Brewer, ME 04412	Office: (207) 989-7400 Cell: (207) 664-8322	ncolby@nickoday.com
5	**Ms. Teagan Phelan** Phelan Construction 492 Sutton Street, Suite 89 North Andover, MA 01845	Office: (978) 296-3327 Cell: (617) 615-2000	tphelan@phelanconstruction.com
6	**Mr. Brandon McNaughton** Ralph McNaughton Construction 88 Exeter Road Corinna, ME 04928	Office: (207) 368-5647 Cell: ( ) 356-0006	brandon@ralphmcnaughtonconstruction.com
7		Office: Cell: ( )	

400 Commercial Street, Suite 404
Portland, ME 04101
207.772.2891

July 2, 2024

Project 211.06085.014

Arno L. Skalski, LEED AP
Gale Associates, Inc.
5 Moulton Street, Suite 201
Portland, ME

Re: Hazardous Building Materials Inventory
Green Barn
Dorothea Dix Psychiatric Center
656 State Street
Bangor, Maine

Dear Mr. Skalski:

Ransom Consulting, LLC (Ransom) has prepared this report presenting the results of the Hazardous Building Materials Inventory (HBMI) performed at the Green Barn (the "Site") located on the campus of the Dorothea Dix Psychiatric Center located at 656 State Street in Bangor, Maine. The Site property is currently developed with a two-story wood frame barn structure of plank frame construction originally constructed in the early 1900's. The HBMI included sampling for asbestos-containing materials (ACM), a lead-based paint (LBP) survey, and an inventory of "universal" waste as part of a larger study examining options for renovation or demolition. The work discussed herein was performed in accordance with Ransom's Proposed Scope of Work and Cost Estimate, dated January 23, 2024.

EXECUTIVE SUMMARY

Ransom understands the Site building is being evaluated to determine options for renovation and repair or replacement of the building. Given the age and construction of the Site building, there is potential for ACM and LBP to be present in the building materials. To address these concerns, Ransom conducted an inspection for the presence of these materials as well as an inventory of other potentially hazardous building components at the Site during the HBMI conducted on May 23, 2024. Based on the results of this inspection, Ransom draws the following conclusions:

1. ACM were not identified in the samples collected in association with the Green Barn located on the Dorothea Dix Psychiatric Center campus. Special handling/disposal of waste materials as ACM during renovation activities is not required.

2. The painted surfaces sampled contained lead at concentrations which would delineate the materials as "lead-based" according to U.S. Housing and Urban Development (HUD) guidelines. These guidelines apply to federal housing projects and are referenced for comparison purposes only. Facility maintenance staff or redevelopment contractors may perform maintenance, renovation, or demolition on surfaces coated with LBP or lead-containing coatings, provided that the handling of components coated with paint

containing lead at any concentration (referred to as lead-containing paint) complies with the Occupational Safety and Health Administration's (OSHA) lead standards.

3. During this investigation, Ransom also inventoried and field-verified quantities of universal waste items at the Site, including a small number of fluorescent bulbs, fluorescent light ballasts, and batteries that may contain mercury, polychlorinated biphenyl (PCBs), or other heavy metals. Disposal of each of these items is also subject to hazardous and/or universal waste disposal requirements. Also identified were a variety of miscellaneous, unknown liquids containers within the center of the barn's work area. If these items are no longer in use, Ransom recommends these items be characterized and transported for proper disposal.

SITE DESCRIPTION

The Site is located on the campus of the Dorothea Dix Psychiatric Center located at 656 State Street in Bangor, Maine. The Site is currently developed with a two-story wood frame barn of plank frame construction, occupying a footprint of 4,160 square feet. The Site building was initially constructed in the early 1900's. Key Site features, including sample locations are provided in Figures 1 through 5.

LIMITATIONS

This hazardous building materials inventory is subject to certain limitations, which must be considered when interpreting the results. The information presented in this report is based upon work undertaken by trained professional and technical staff in accordance with generally accepted engineering and scientific practices current at the time the work was performed. Conclusions represent the professional judgment of Ransom based on the data obtained from the work and the site conditions encountered at the time the work was performed and are not to be construed as legal advice.

In addition to these general stipulations, additional site-specific limitations are as follows:

1. Our survey was conducted utilizing limited destructive inspection and sampling techniques, using hand tools only. Limited additional suspect materials may be present in concealed or inaccessible spaces, including wall and ceiling cavities, subflooring layers, inside machinery/mechanical units, etc., which may be disturbed as part of the future renovations.

2. The scope of our inspection was limited to observation of aboveground conditions, and may not identify subterranean materials such as foundation sealants, underground steam lines, asbestos-cement utility piping, etc.

3. Our inspection was conducted on behalf of Gale Associates Inc. (Gale) and is representative of conditions observed at the time of this report. No reliance shall be made

by other users, for additional purposes, or for other future demolition/renovation projects at the Site.

HISTORICAL DOCUMENTATION

Ransom was not provided with historical documentation regarding the presence of ACM, LBP or universal wastes associated with the Site building.

ASBESTOS-CONTAINING MATERIALS

Ransom conducted an inspection of the Site for the presence of ACM on May 23, 2024. The scope of the ACM inspection included the identification, quantification, and sampling of accessible suspect building materials on the Site building's interior and exterior. The inspection was conducted by River Fenton of Ransom, who is certified by the State of Maine and accredited by the United States Environmental Protection Agency (U.S. EPA) as an asbestos inspector. Copies of Mr. Fenton's most recent training certificates and state asbestos inspector certifications are provided as Attachment B.

In the State of Maine, OSHA, the U.S. EPA, and the Maine Department of Environmental Protection (MEDEP) regulate the release of asbestos into the environment and protecting workers from exposure to airborne asbestos fibers. OSHA defines ACM as "any material containing more than one percent asbestos." MEDEP defines ACM as "any material containing asbestos in quantities greater than or equal to one percent by volume as determined by weight, visual evaluation, and/or point count analysis." Bulk samples of friable miscellaneous materials (e.g., plaster, and pressed fiber ceiling tile) were analyzed using the *Method for the Determination of Asbestos in Bulk Building Materials*, EPA/600/R-93/116 (1993) via polarized light microscopy (PLM) visual estimation. Non-friable organically bound (NOB) materials (e.g., floor tiles, caulks and mastics) were analyzed using PLM NOB–EPA 600/R-93/116 using the gravimetric reduction method (GRM). Samples were analyzed by Optimum Analytical and Consulting, LLC (Optimum) of Salem, New Hampshire. Optimum is a Maine-licensed asbestos analytical laboratory and is also certified to perform bulk sample analysis by the National Voluntary Laboratory Accreditation Program (NVLAP). Copies of Optimum's relevant certifications are provided in Attachment B.

Laboratory analysis of bulk samples collected during this investigation did not identify ACM in the building materials samples associated with the Green Barn.

The MEDEP requires consultants to advise the building owner or owner's agent whenever the asbestos analytical laboratory has reported suspect ACM above one percent but below ten percent asbestos. The owner or owner's agent may either elect to treat these materials as positive for asbestos, or have the samples re-analyzed using an alternate method as listed below:

1. PLM EPA/600R-93/116 – Point Count (friable ACM); or

2. Transmission electron microscopy (TEM):

   a. U.S. EPA NOB EPA/600/R-93/116b §2.5; or
   b. TEM Chatfield Method.

Re-analysis of samples testing negative for asbestos is not required.

A listing of each sample collected, analytical results, and estimated quantities of confirmed ACM can be found in Table 1.

A copy of the laboratory analytical report can be found in Attachment C.

Asbestos fibers present potential health hazards when they become airborne. Federal regulations suggest that ACM may be managed in-place as long as it remains intact, undamaged, and in good condition. Current regulations require that asbestos-containing building materials be removed, if they will be disturbed by demolition, renovation, or other building maintenance activities. ACM abatement should be performed using approved methods in accordance with applicable federal and state regulations and should be removed by a licensed asbestos abatement contractor and in accordance with a project design prepared by a certified asbestos abatement project designer, except where exempt from applicable rules.

Asbestos-containing asphalt-based roofing materials, as well as exterior caulks, glazings, and sealants are exempt from MEDEP asbestos abatement regulations, provided that these materials are removed wholly intact and are not sawed, sanded, grinded, cut, or drilled during demolition or renovation. This is still considered OSHA classified asbestos work, and it is generally recommended that licensed asbestos abatement contractors conduct the removal of all ACM identified. Additionally, these exempt materials still require disposal as an asbestos-containing material.

LEAD-BASED PAINT

An inspection for the presence of LBP was conducted via the collection of paint chip samples for lead analysis. Samples were analyzed for lead content via EPA SW-846 3rd Ed. Method 3050B/ Method 6010D for Inductively Coupled Plasma-Optical Emission Spectrometry by Alpha Analytical of Westborough, Massachusetts (Alpha). Alpha is an environmental lead laboratory accredited by the American Industrial Hygiene Association (AIHA).

Please note that the LBP sampling conducted during this HBMI does not constitute a U.S. EPA/ HUD-compliant lead survey.

Ransom collected a total of four samples for analysis of lead content from various building components and surfaces at the Site. Analytical results for three of the four samples (LBP-01 through LBP-03) contained lead concentrations above the HUD guideline ranging from 1.37 to 1.65 percent by weight. The fourth sample, LBP-04, did not contain lead above the laboratory reporting limit. Sample results are provided in Table 2. Laboratory analytical reports for lead analysis are included as Attachment C.

HUD has established a standard for characterizing LBP as any paint containing 1.0 milligram per square centimeter (mg/cm^2) lead as tested using an x-ray fluorescence (XRF) analyzer, or 0.5 percent lead by weight for paint chips. These materials are considered to be "lead-based paint" according to Section 1017 of the *Residential Lead-Based Paint Hazard Reduction Act of 1992* (also referred to as Title X). HUD LBP guidelines only apply to housing funded by the federal government. While they are not regulatory considerations in commercial applications, these guidelines are a useful reference for assessing hazards associated with lead in paint in non-residential settings. When paint contains lead in concentrations greater than 1.0 mg/cm^2 or 0.5 percent by weight, special care should be taken when conducting activities that impact this paint. When surfaces covered in paint containing lead *at any concentration* are impacted by abrasive blasting, torch burning, or similar activities that generate significant dust or fumes, hazardous airborne concentrations can be generated even if the lead content is below the HUD standard.

Handling of components coated with lead-containing paint *at any concentration* requires compliance with the OSHA lead standard (*Lead in Construction*, 29 CFR 1926.62). Under the existing conditions, facility maintenance staff or contractors may perform demolition, renovation, abatement, stabilization, cleanup, and daily operations in buildings that have lead-based paint or lead-containing paint, provided that the requirements in the OSHA lead standard are met.

OTHER HAZARDOUS AND POTENTIALLY HAZARDOUS MATERIALS

Ransom inspected the Green Barn for the presence of hazardous and potentially hazardous building equipment and fixtures identified, typically classified, handled, and disposed as "universal" wastes. Ransom observed minimal amounts of "universal" wastes on or within the Green Barn during this HBMI.

Polychlorinated Biphenyls

PCB-containing oil is sometimes found in compressor oils, hydraulics fluids, and the dielectric fluid of older electrical transformers and the capacitors associated with older fluorescent light ballasts. Although electrical equipment is currently required to be properly labeled indicating the presence or absence of PCBs, this has not always been the case. Ransom observed 12 fluorescent light ballasts within the Site building which may have PCB-containing components. No overt evidence of a release of PCBs from the fixtures (i.e., leaking fluid) was observed. Fixtures/ballasts were not visually inspected for the presence of a "No PCBs" label due to safety concerns. When a "No PCBs" label is not observed, Ransom must presume that those fluorescent light ballasts contain PCBs.

Ransom recommends that ballasts be inspected for the "No PCBs" label prior to demolition or renovation activities. Fluorescent light ballasts without the "No PCBs" label are presumed to contain PCBs and should be managed as hazardous waste and recycled or disposed of in accordance with applicable federal and state regulations. The cost of disposal of these ballasts (approximately $12 each) is several times less than the cost of testing the capacitor fluid for PCB content (approximately $75 each).

Mercury-Containing Components

Mercury-containing components such as fluorescent light tubes and compact fluorescent light bulbs (CFLs) are classified as Universal Waste and are regulated by the U.S. EPA under 40 CFR Parts 260–273. The Universal Waste Rule provides streamlined management requirements tailored to several different kinds of waste. The types of waste covered by the Universal Waste Rule are frequently thrown in the trash by unregulated households and small businesses. Classifying an item as a Universal Waste provides flexibility for its proper management and can prevent the item from entering municipal waste streams. Instead, it can be readily collected and disposed of at a hazardous waste facility. Ransom observed a combination of 15 fluorescent light tubes and CFLs that may contain mercury.

Components presumed to contain mercury should be removed and recycled in accordance with Universal Waste regulations prior to proposed redevelopment activities that may impact them.

A full line-item listing of hazardous and potentially hazardous building materials identified during Ransom's survey is provided in Table 3.

Miscellaneous

Although outside the scope of work for this building materials assessment, Ransom observed numerous containers of potentially hazardous materials throughout the Site building during the HBMI. These items included apparent propane tanks, gasoline tanks, 55-gallon drums, motor oil containers, aerosol cans, halogen lamps, tires, and numerous batteries. Photographs of these items are included in Attachment A. Ransom recommends that these items be characterized and transported for proper disposal if they are no longer in use.

CONCLUSIONS AND RECOMMENDATIONS

Based on the results of this HBMI, Ransom makes the following conclusions and recommendations.

1. ACM were not identified in the samples collected in association with Green Barn located on the Dorothea Dix Psychiatric Center campus. Special handling/disposal of waste materials as ACM during renovation activities is not required.

2. Painted surfaces sampled during the course of this HBMI exhibited lead at concentrations which would delineate the materials as "lead-based" according to HUD guidelines. These guidelines apply to federal housing projects and are referenced herein for comparison purposes only. General and/or demolition contractors may perform demolition of surfaces coated with LBP or lead-containing coatings, provided that the handling of components coated with paint containing lead at any concentration (referred to as lead-containing paint) complies with OSHA's lead standards.

3. During this investigation, Ransom also inventoried and field-verified quantities of universal waste items at the Site, including a small number of fluorescent bulbs,

fluorescent light ballasts, and batteries that may contain mercury, PCBs, or other heavy metals. Disposal of each of these items is also subject to hazardous and/or universal waste disposal requirements. Also identified were a variety of miscellaneous, unknown liquids containers within the center of the barn's work area. If these items are no longer in use, Ransom recommends these items be characterized and transported for proper disposal.

If you have any questions regarding the information in this report, please do not hesitate to contact any of the undersigned.

Sincerely,

RANSOM CONSULTING, LLC

RBF

River Fenton
Hazardous Materials Specialist

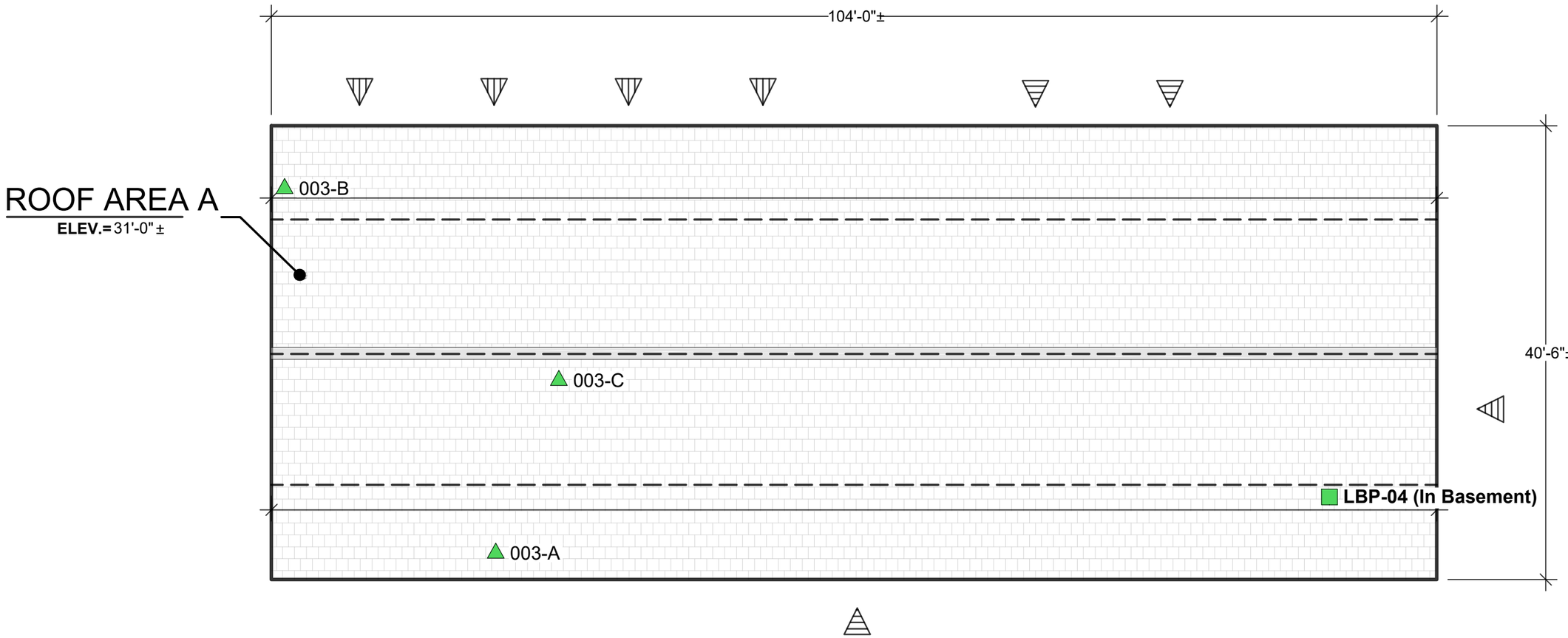
Eriksen P. Phenix, L.G.
Senior Project Manager

Brian R. Pettingill. P.G.

Digitally signed by Brian R. Pettingill. P.G.
Date: 2024.07.02 15:53:16 -04'00'

Brian R. Pettingill, P.G.
Principal/Vice President

WEH/RBF/EPP/BRP:ags
Attachments



RANSOM Consulting, LLC a PINCHIN company

Legend & Notes

- Sample Testing Negative for Asbestos
- Sample Testing Negative for Lead

Notes:

1. Site plan based on measurements and observations made by Ransom Consulting, LLC. on --.
2. Some features are approximate in location and scale.
3. This plan has been prepared for Gale Associates. All other uses are not authorized unless written permission is obtained from Ransom Consulting, LLC.

Scale and Orientation

0 5 10

1 inch = 10 feet

Prepared For

Gale Associates,
5 Moulton Street, Suite 201,
Portland, Maine

Site Address

Dorothea Dix Psychiatric Center
Campus Bangor, ME 04401

211.06085 | June 2024

Figure 1
Green Barn Roof
Area Plan

File: DDPsychCenterCampus_BangorME_HBMI.dwg Date: 06/11/2024

RANSOM Consulting, LLC a PINCHIN company

Legend & Notes

▲ Sample Testing
Negative for Asbestos

Notes:

1. Site plan based on measurements and observations made by Ransom Consulting, LLC. on --.
2. Some features are approximate in location and scale.
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Prepared For

Gale Associates,
5 Moulton Street, Suite 201,
Portland, Maine

Site Address

Dorothea Dix Psychiatric Center
Campus Bangor, ME 04401

211.06085 | June 2024

Figure 2
Partial South Elevation

File: DDPsychCenterCampus_BangorME_HBMI.dwg Date: 06/11/2024

RANSOM Consulting, LLC a PINCHIN company

Legend & Notes

Notes:

1. Site plan based on measurements and observations made by Ransom Consulting, LLC. on --.
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Prepared For

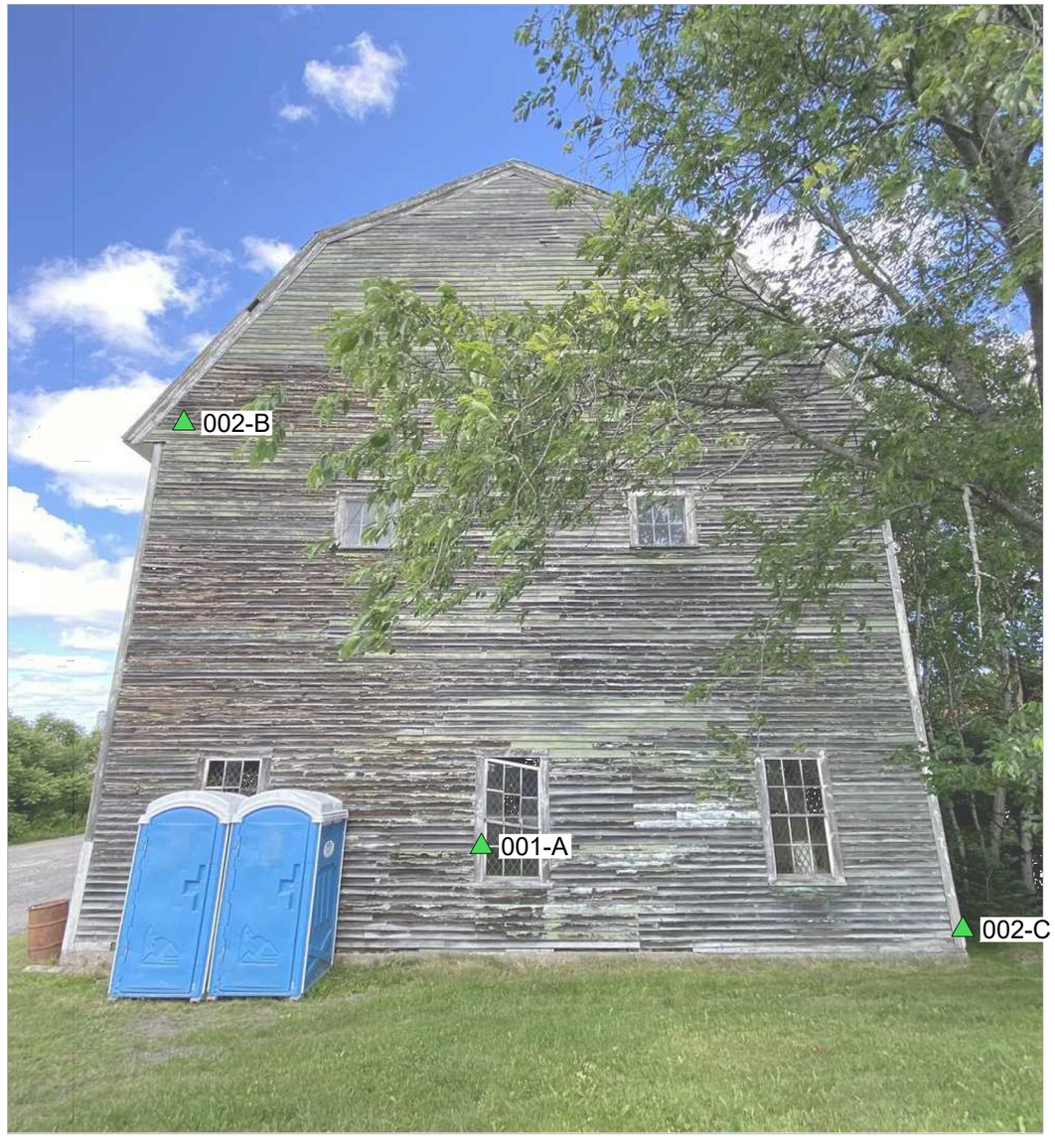
Gale Associates,
5 Moulton Street, Suite 201,
Portland, Maine

Site Address

Dorothea Dix Psychiatric Center
Campus Bangor, ME 04401

211.06085 | June 2024

Figure 3
Partial South Elevation



RANSOM Consulting, LLC a PINCHIN company

Legend & Notes

▲ Sample Testing
Negative for Asbestos

Notes:

1. Site plan based on measurements and observations made by Ransom Consulting, LLC. on --.
2. Some features are approximate in location and scale.
3. This plan has been prepared for Gale Associates. All other uses are not authorized unless written permission is obtained from Ransom Consulting, LLC.

Prepared For

Gale Associates,
5 Moulton Street, Suite 201,
Portland, Maine

Site Address

Dorothea Dix Psychiatric Center
Campus Bangor, ME 04401

211.06085 | June 2024

Figure 4
West and East Elevations

File: DDPsychCenterCampus_BangorME_HBMI.dwg Date: 06/11/2024

RANSOM Consulting, LLC a PINCHIN company

Legend & Notes

- Sample Testing Negative for Asbestos
- Sample Testing Negative for Lead

Notes:

1. Site plan based on measurements and observations made by Ransom Consulting, LLC. on --.
2. Some features are approximate in location and scale.
3. This plan has been prepared for Gale Associates. All other uses are not authorized unless written permission is obtained from Ransom Consulting, LLC.

Prepared For

Gale Associates,
5 Moulton Street, Suite 201,
Portland, Maine

Site Address

Dorothea Dix Psychiatric Center
Campus Bangor, ME 04401

211.06085 | June 2024

Figure 5
North Elevation

File: DDPsychCenterCampus_BangorME_HBMI.dwg Date: 06/11/2024

TABLE 1: SUMMARY OF ASBESTOS TESTING RESULTS
Hazardous Building Materials Inventory
Green Barn
Dorothea Dix Psyciatric Center
656 State Street
Bangor, Maine

Material	Location	Sample Number	Asbestos Quantity and Type	Estimated Quantity
Window glazing	Barn windows	001A and 001B	NAD	NA
		001C	0.96% Chrysotile	
Siding underlayment, black	East, south, and west exterior walls	002A through 002C	NAD	NA
Slate shingle underlayment, black	Roof	003A through 003C	NAD	NA
Siding underlayment, brown	North exterior wall	004A through 004C	NAD	NA

NOTES:
1. Samples were collected on May 23, 2024 by Ransom Consulting, LLC., and were analyzed by Optimum Analytical and Consulting, LLC of Salem, NH.
2. NAD = No asbestos detected; NA = Not Applicable. Quantities were not calculated for materials testing negative for asbestos.
3. CF = Cubic Feet. SF = Square Feet. LF = Linear Feet. EA = Each. NA = Not Applicable.
4. NAD = No asbestos detected; *PACM = Presumed Asbestos Containing Material.*
5. NQ = Not quantified. ACM joint compound should be assumed to be present throughout until further delineation.
5. Samples shown in bold are ACM, samples shown in bold and italics are PACM.
5 Room names provided in this table were obtained from site plans and/or past reports provided by the client and/or onsite observations. Refer to Figures 2 and 3.

TABLE 2: LEAD-BASED PAINT LABORATORY RESULTS
Hazardous Building Materials Inventory
Green Barn
Dorothea Dix Psyciatric Center
656 State Street
Bangor, Maine

Sample ID	Color/Substrate/Component	Location	Lead Concentration (mg/kg)	Lead Concentration (% by weight)
LBP-01	sliver/metal/flashing	wood/slab interface	**14,400**	**1.44**
LBP-02	green/wood/siding	Interior and exterior	**16,500**	**1.65**
LBP-03	white/wood/siding	Interior and exterior	**13,700**	**1.37**
LBP-04	gray/wood/canoe storage rack	Basement	BRL (19)	NC

1. Suspect LBP samples were submitted to Alpha Analytical, Inc. for analysis.
2. BRL ( ) = not detected (laboratory reporting limit); mg/kg = milligrams per kilogram
3. Values in **boldface** type indicate lead concentrations in excess of the HUD threshold value of 0.5 % by weight. HUD guidance is not a regulatory consideration in this scenario, and is provided for reference only.
4. NC = Not Calculated, analytical results below the reporting limit.

TABLE 3: INVENTORY OF OTHER HAZARDOUS/POTENTIALLY HAZARDOUS MATERIALS

Hazardous Building Materials Inventory
Green Barn
Dorothea Dix Psyciatric Center
656 State Street
Bangor, Maine

Component	Hazard	Location	Total Quantity	Units
Lightbulbs (incl. CFLs and fluorescent light tubes)	Mercury	Throughout	15	EA
Fluorescent light ballasts	PCBs	Throughout	12	EA
Batteries	Heavy Metals	Throughout	22	EA

Notes:

1. Quantities presented are based on a cursory visual inspection. Quantities should be field-verified prior to removal/abatement work.
2. Lighting fixtures were not dismantled to observe labels regarding PCB content. Ballasts should be assumed to be PCB-containing and inspected during demolition/redevelopment to determine appropriate disposal.
3. EA = each

ATTACHMENT A

Photograph Log

Hazardous Building Materials Inventory
Green Barn
Dorothea Dix Psychiatric Center
656 State Street
Bangor, Maine

RANSOM
Consulting, LLC
a PINCHIN company

Photograph Log

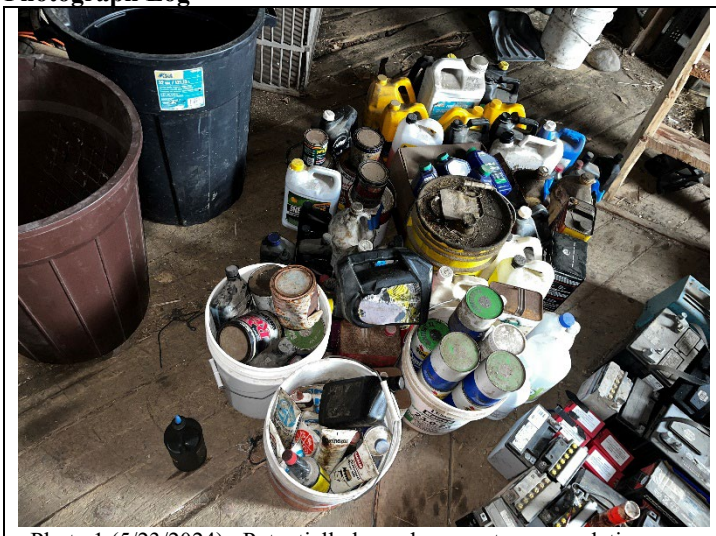


Photo 1 (5/23/2024): Potentially hazardous waste accumulation area, top floor of the barn.

Photo 2 (5/23/2024): Potential hazardous waste storage area with approximately 22 batteries.

Photo 3 (5/23/2024): Pile of tires on the top floor of barn. There were more, smaller piles scattered throughout this floor.

Photo 4 (5/23/2024): Fluorescent light tubes and possible PCB-containing ballast located on top floor. One of three sets observed.

Photo 5 (5/23/2024): Ground floor of barn showing CFL light.

Photo 6 (5/23/2024): North exterior side of the barn where contractors removed siding and revealed differently colored, suspect ACM underlayment paper relative to other exterior walls. Also pictured is possible lead-containing flashing between foundation and building.

ATTACHMENT B

Certifications

Hazardous Building Materials Inventory
Green Barn
Dorothea Dix Psychiatric Center
656 State Street
Bangor, Maine

RANSOM
Consulting, LLC
a PINCHIN company

State of Maine
Asbestos Abatement Program

River B. Fenton

Inspector

Cert No. AI-0959
Trn.Exp.Date 03/06/2025

Expiration Date 03/31/2025

This is not a legal form of official identification

Certificate of Completion

Asbestos Inspector Certification Training

This certifies that

River B. Fenton

Has Met the Attendance Requirements, Successful Completion of the Exam, and the 32-Hour Curriculum Course Entitled Asbestos Inspector Certification Course, Accreditation Under TSCA Title II 40 CFR Part 763 & Maine Chapter 425.

Instructor: Bruce M. Hackett, Sr.
288 Narragansett Trail Buxton, Maine
(207)615-3694 License # **TP-0032**

Class Date(s): 03/04 – 03/06/24
Test Date: 03/06/24
Certification #: ASI24-02212000
Expiration Date: 03/06/25
Test Score: 88%

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Optimum Analytical & Consulting LLC
85 Stiles Road
Suite 201
Salem, NH 03079
Ms. Jamie L. Noel
Phone: 603-458-5247
Email: jamie.noel@optimumanalytical.com
http://www.optimumanalytical.com

ASBESTOS FIBER ANALYSIS — NVLAP LAB CODE 101433-0

Bulk Asbestos Analysis

Code	*Description*
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

For the National Voluntary Laboratory Accreditation Program

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JANET T. MILLS
GOVERNOR

MELANIE LOYZIM
COMMISSIONER

March 14, 2024

Attn.: Jamie Noel, Laboratory Director
Optimum Analytical and Consulting, LLC
85 Stiles Road, Suite 201
Salem, NH 03079

Dear Ms. Noel:

This letter is about your renewal application for licensure as an **Asbestos Analytical Laboratory (Bulk).**

This office has received and completed the review of your application and finds it to be in accordance with the requirements of Maine Asbestos Management Regulations Chapter 425, effective April 3, 2011.

Your application has been approved and your firm is licensed to provide asbestos analytical service(s) as described on the enclosed certificate.

Your renewal license number remains at **LB-0067** which is in effect for one year and will expire on March 31, 2025. A renewal application should be filed not less than thirty (30) days prior to expiration of this licensure. Thank you for your continued service to the people of the State of Maine.

If you have any questions, please call me at (207) 242-0877.

Sincerely,

Sandra J. Moody

Sandra J. Moody, Environmental Specialist
Division of Remediation
Bureau of Remediation and Waste Management

Enclosure

AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688 FAX: (207) 287-7826

BANGOR
106 HOGAN ROAD, SUITE 6
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04769
(207) 764-0477 FAX: (207) 760-3143

website: www.maine.gov/dep

State of Maine
Department of Environmental Protection

LICENSE

Optimum Analytical and Consulting, LLC

Asbestos Analytical Laboratory
(Air)

License Number: LA-0065 **Expiration Date: 03/31/2025**

State of Maine
Department of Environmental Protection

LICENSE

Optimum Analytical and Consulting, LLC

Asbestos Analytical Laboratory
(Bulk)

License Number: LB-0067

Expiration Date: 03/31/2025

ATTACHMENT C

Laboratory Reports

Hazardous Building Materials Inventory
Green Barn
Dorothea Dix Psychiatric Center
656 State Street
Bangor, Maine

Project 211.06085.014

RANSOM
Consulting, LLC
a PINCHIN company

OPTIMUM
Analytical and Consulting, LLC

85 Stiles Road, Suite 201
Salem, NH 03079
603-458-5247

Erik Phenix
Ransom Environmental Consultants, Inc.
400 Commercial Street
Portland, ME 04101

Project Reference:	211.06085.011
Laboratory Batch #:	2451225
Date Samples Received:	05/29/2024
Date Samples Analyzed:	06/03/2024
Date of Final Report:	06/03/2024

SAMPLE IDENTIFICATION:

Twelve (12) samples from Dorothea Dix Green Barn, Bangor, ME project were submitted by Client on 05/29/2024

This bulk sample(s) was delivered to Optimum Analytical Consulting, LLC (Optimum) located in Salem, New Hampshire for asbestos content determination.

ANALYTICAL METHOD:

Analytical procedures were performed in accordance with the U.S. Environmental Protection Agency (EPA) Recommended Method for the Determination of Asbestos in Bulk Samples by Polarized Light Microscopy and Dispersion Staining (PLM/DS)(EPA-40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples, EPA-600/ R-93-116 Method for Determination of Asbestos in Bulk Building Materials). This report relates only to those samples analyzed, and may not be indicative of other similar appearing materials existing at this, or other sites. Quantification of asbestos content was determined by Calibrated Visual Estimation. Optimum is not responsible for sample collection activities or analytical method limitations. The laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

In any given material, fibers with a small diameter (<0.25µm) may not be detected by the PLM method. Floor tile and other resinous bound materials may yield a false negative if the asbestos fibers are too small to be resolved using PLM. Additionally, there is currently no approved EPA analytical method to reliably confirm vermiculite as non-asbestos containing. Additional analytical methods may be required. Optimum Analytical recommends using Transmission Electron Microscopy (TEM) or other approved methods for a more definitive analysis.

Optimum will retain all samples for a minimum of three months. Further analysis or return of samples must be requested within this three month period to guarantee their availability. This report may not be reproduced except in full, without the written approval of Optimum Analytical and Consulting, LLC.

The client/laboratory shall not use the NVLAP and AIHA Logo or this test report in a way that constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology or the American Industrial Hygiene Association.

Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Point Count = .25%, 1000 Point Count = 0.1%; Present or Absent are observations made during a qualitative analysis.

This report is considered preliminary until signed by both the Laboratory Analyst and Laboratory Director or Supervisor. If you have any questions regarding this report, please do not hesitate to contact us.

Jamie L. Noel
Laboratory Director

NVLAP Lab Code: 101433-0

OPTIMUM
Analytical and Consulting, LLC
85 Stiles Road, Suite 201, Salem, NH 03079 Phone: (603)-458-5247

BULK SAMPLE ANALYSIS REPORT
POLARIZED LIGHT MICROSCOPY

PLM (EPA-40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples, EPA-600/ R-93-116 Method for Determination of Asbestos in Bulk Building Materials) NVLAP Lab Code: 101433-0

CLIENT:	Ransom Environmental Consultants, Inc.	**ORDER #:**	2451225
ADDRESS:	400 Commercial Street	**PROJECT #:**	211.06085.011
CITY / STATE / ZIP:	Portland, ME 04101	**DATE COLLECTED:**	05/24/2024
CONTACT:	Erik Phenix	**COLLECTED BY:**	Client
DESCRIPTION:	PLM Analysis	**DATE RECEIVED:**	05/29/2024
LOCATION:	Dorothea Dix Green Barn, Bangor, ME	**ANALYSIS DATE:**	06/03/2024
		REPORT DATE:	06/03/2024
		ANALYST:	Jamie Noel

REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
2451225-001	Barn Windows					
001A	Window Glazing, Gray/ Beige Note: Gravimetric Reduction	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
2451225-002	Barn Windows					
001B	Window Glazing, Gray/ Beige Note: Gravimetric Reduction	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
2451225-003	Barn Windows					
001C	Window Glazing, Gray/ Beige/White Note: Gravimetric Reduction	LAYER 1 100%	Chrysotile	.96%	Cellulose Fiber Binder/Filler	1% 98.04%
2451225-004	East, South, West Exterior Walls					
002A	Underlayment Paper Under Wood Siding, Black Note: Gravimetric Reduction	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	95% 5%
2451225-005	East, South, West Exterior Walls					
002B	Underlayment Paper Under Wood Siding, Black Note: Gravimetric Reduction	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	95% 5%
2451225-006	East, South, West Exterior Walls					
002C	Underlayment Paper Under Wood Siding, Black Note: Gravimetric Reduction	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	95% 5%
2451225-007	Roof					
003A	Underlayment Paper Under Slate Shingles, Black Note: Gravimetric Reduction	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	95% 5%
2451225-008	Roof					
003B	Underlayment Paper Under Slate Shingles, Black Note: Gravimetric Reduction	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	95% 5%

OPTIMUM
Analytical and Consulting, LLC
85 Stiles Road, Suite 201, Salem, NH 03079 Phone: (603)-458-5247

BULK SAMPLE ANALYSIS REPORT
POLARIZED LIGHT MICROSCOPY

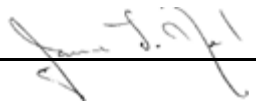
PLM (EPA-40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples, EPA-600/ R-93-116 Method for Determination of Asbestos in Bulk Building Materials) NVLAP Lab Code: 101433-0

CLIENT:	Ransom Environmental Consultants, Inc.
ADDRESS:	400 Commercial Street
CITY / STATE / ZIP:	Portland, ME 04101
CONTACT:	Erik Phenix
DESCRIPTION:	PLM Analysis
LOCATION:	Dorothea Dix Green Barn, Bangor, ME

ORDER #:	2451225
PROJECT #:	211.06085.011
DATE COLLECTED:	05/24/2024
COLLECTED BY:	Client
DATE RECEIVED:	05/29/2024
ANALYSIS DATE:	06/03/2024
REPORT DATE:	06/03/2024
ANALYST:	Jamie Noel

REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
2451225-009	Roof					
003C	Underlayment Paper Under Slate Shingles, Black Note: Gravimetric Reduction	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	95% 5%
2451225-010	North Exterior Wall					
004A	Underlayment Paper Under Wood Siding, Brown	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	95% 5%
2451225-011	North Exterior Wall					
004B	Underlayment Paper Under Wood Siding, Brown	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	95% 5%
2451225-012	North Exterior Wall					
004C	Underlayment Paper Under Wood Siding, Brown	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	95% 5%

Analyst Signatory: 

Jamie Noel

NVLAP TESTING
NVLAP Lab Code: 101433-0

245225

Client:	Ransom Consulting, LLC
Contact:	Erik Phenix / Wesley Harden / River Fenton
Address:	400 Commercial Street, Suite 404, Portland ME 04101
Phone:	207-772-2891 / Cell: 207-272-8673
Fax:	
Email:	wes.harden@ransomenv.com
	ephenix@ransomenv.com
	river.fenton@ransomenv.com
Project:	Dorothea Dix Green Barn Asbestos Assessment
Ransom Project #	211.06085.011
	Bangor, ME
Client Notes:	**Positive Stop Requested**
	Please analyze prepare NOB samples via gravimetric reduction, per MEDEP requirements
P.O. #.	6347
Date Submitted:	5/24/2024 0:00
Analysis:	Bulk PLM
TurnAroundTime:	**Standard TAT**

Instructions:
Use Column "B" for your contact info

To See an Example Click the bottom Example Tab.

Enter samples between "<<" and ">>"

Begin Samples with a "<< "above the first sample

and end with a ">>" below the last sample.
Only Enter your data on the first sheet "Sheet1"

Note: Data 1 and Data 2 are optional fields that do not show up on the official report, however they will be included in the electronic data returned to you to facilitate your reintegration of the report data.

Sample Number	Building/Area	Sample Description
<<		
001A	Barn Windows	White-painted window glazing
001B	Barn Windows	White-painted window glazing
001C	Barn Windows	White-painted window glazing
002A	East, South, West Exterior Walls	Black Underlayment Paper under Wood Siding
002B	East, South, West Exterior Walls	Black Underlayment Paper under Wood Siding
002C	East, South, West Exterior Walls	Black Underlayment Paper under Wood Siding
003A	Roof	Black Underlayment Paper under Slate Shingles
003B	Roof	Black Underlayment Paper under Slate Shingles
003C	Roof	Black Underlayment Paper under Slate Shingles
004A	North Exterior Wall	Brown Underlayment Paper under Wood Siding
004B	North Exterior Wall	Brown Underlayment Paper under Wood Siding
004C	North Exterior Wall	Brown Underlayment Paper under Wood Siding
>>		

Cilla 5/29/24 8:40

ANALYTICAL REPORT

Lab Number:	L2429095
Client:	Ransom Consulting, LLC. 400 Commercial Street Suite 404 Portland, ME 04101-4660
ATTN:	Erik Phenix
Phone:	(207) 772-2891
Project Name:	DOROTHEA DIX GREEN BARN
Project Number:	211.06085.011
Report Date:	06/03/24

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), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: DOROTHEA DIX GREEN BARN
Project Number: 211.06085.011

Lab Number: L2429095
Report Date: 06/03/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2429095-01	LBP-01	SOLID	BANGOR, ME	05/23/24 09:00	05/24/24
L2429095-02	LBP-02	SOLID	BANGOR, ME	05/23/24 09:30	05/24/24
L2429095-03	LBP-03	SOLID	BANGOR, ME	05/23/24 09:45	05/24/24
L2429095-04	LBP-04	SOLID	BANGOR, ME	05/23/24 10:00	05/24/24

Project Name:	DOROTHEA DIX GREEN BARN	**Lab Number:**	L2429095
Project Number:	211.06085.011	**Report Date:**	06/03/24

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.

Project Name:	DOROTHEA DIX GREEN BARN	**Lab Number:**	L2429095
Project Number:	211.06085.011	**Report Date:**	06/03/24

Case Narrative (continued)

Total Metals

L2429095-01 through -04: The sample has an elevated detection limit due to the dilution required by the sample matrix.

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: Caitlin Walukevich

Title: Technical Director/Representative Date: 06/03/24

METALS

Project Name: DOROTHEA DIX GREEN BARN
Lab Number: L2429095
Project Number: 211.06085.011
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429095-01
Client ID: LBP-01
Sample Location: BANGOR, ME
Date Collected: 05/23/24 09:00
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	14400		mg/kg	18.8	--	10	06/01/24 08:50	06/03/24 11:58	EPA 3050B	1,6010D	DHL

Project Name: DOROTHEA DIX GREEN BARN
Lab Number: L2429095
Project Number: 211.06085.011
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429095-02
Client ID: LBP-02
Sample Location: BANGOR, ME
Date Collected: 05/23/24 09:30
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	16500		mg/kg	19.7	--	10	06/01/24 08:50	06/03/24 12:02	EPA 3050B	1,6010D	DHL

Project Name: DOROTHEA DIX GREEN BARN
Lab Number: L2429095
Project Number: 211.06085.011
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429095-03
Client ID: LBP-03
Sample Location: BANGOR, ME
Date Collected: 05/23/24 09:45
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	13700		mg/kg	235	--	100	06/01/24 08:50	06/03/24 13:22	EPA 3050B	1,6010D	DHL

Project Name: DOROTHEA DIX GREEN BARN
Lab Number: L2429095
Project Number: 211.06085.011
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429095-04
Client ID: LBP-04
Sample Location: BANGOR, ME
Date Collected: 05/23/24 10:00
Date Received: 05/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		mg/kg	19.0	--	10	06/01/24 08:50	06/03/24 12:10	EPA 3050B	1,6010D	DHL

Project Name: DOROTHEA DIX GREEN BARN
Project Number: 211.06085.011
Lab Number: L2429095
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1928203-1										
Lead, Total	ND		mg/kg	2.00	--	1	06/01/24 08:50	06/02/24 17:52	1,6010D	TAA

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: DOROTHEA DIX GREEN BARN

Project Number: 211.06085.011

Lab Number: L2429095

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1928203-2								
Lead, Total	92		-		80-120	-		

Project Name: DOROTHEA DIX GREEN BARN
Project Number: 211.06085.011

Lab Number: L2429095
Report Date: 06/03/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2429095-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.4	Y	Absent		PB-TI(180)
L2429095-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.4	Y	Absent		PB-TI(180)
L2429095-03A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.4	Y	Absent		PB-TI(180)
L2429095-04A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.4	Y	Absent		PB-TI(180)

*Values in parentheses indicate holding time in days

Project Name:	DOROTHEA DIX GREEN BARN	**Lab Number:**	L2429095
Project Number:	211.06085.011	**Report Date:**	06/03/24

GLOSSARY

Acronyms

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.)

EDL - 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.

MS - 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.

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:	DOROTHEA DIX GREEN BARN	**Lab Number:**	L2429095
Project Number:	211.06085.011	**Report Date:**	06/03/24

Footnotes

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

Terms

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, Benz(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.

B - 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).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - 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.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	DOROTHEA DIX GREEN BARN	**Lab Number:**	L2429095
Project Number:	211.06085.011	**Report Date:**	06/03/24

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.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - 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:	DOROTHEA DIX GREEN BARN	**Lab Number:**	L2429095
Project Number:	211.06085.011	**Report Date:**	06/03/24

REFERENCES

1 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.

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; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; 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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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, SM4500Cl-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 Kjeldahl-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 I, 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, 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.

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 5/24/24

ALPHA Job #: L2429095

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Ransom Consulting, LLC
Address: 400 Commercial St, Suite 404, Portland, ME
Phone: 207-772-2891
~~Fax:~~ ephenix@ransomenv.com
Email: river.fenton@ransomenv.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Dorothea Dix Green Barn
Project Location: Bangor, ME
Project #: 211.06085.011
Project Manager: Erik Phenix
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #: 6349

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

LBP = lead-based paint

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: lead	SAMPLE HANDLING / Sample Specific Comments	TOTAL # BOTTLES
29095-01	LBP-01	5/23	09:00	LBP		X		1
02	LBP-02	5/23	09:30	LBP		X		1
03	LBP-03	5/23	09:45	LBP		X		1
04	LBP-04	5/23	10:00	LBP		X		1

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do (Please specify below)

Container Type	
Preservative	

Relinquished By:	Date/Time	Received By:	Date/Time
River Fenton	5/23/24	YE Nays AAL	5/24/24 14:16
YE Nays AAL	5/24/24 19:37		5/24/24 1937

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

(FORM NO: ALPHA rev. 14-OCT-07)