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RENOVATION SURVEY
FOR
ASBESTOS-CONTAINING MATERIALS, LEAD-BASED PAINT & PCBs

PERFORMED AT:

DOT Region 8, Orange County
112 Dickson Street
Newburgh, New York 12550-5324
Adelaide Project# OGS:24105.00-IN
OGS Project# Q1858

PREPARED FOR:

New York State Office of General Services
Design and Construction
Project Control, 35th Floor, Corning Tower
The Governor Nelson A. Rockefeller Empire State Plaza
Albany, New York 12242

PREPARED BY:
Jason Fullum
May 14, 2024

REVIEWED BY:

Stephanie A. Soter
President

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APPENDICES

1.0 Introduction

1.1 Scope of Work / Project Personnel

Adelaide Environmental Health Associates, Inc. **(Adelaide)** performed an Asbestos, Lead and PCB Survey for Building/Structure Demolition, Renovation, Remodeling and/or Repair, in conformance with ALL Federal, State and Local regulations for New York State Office of General Services (OGS):

SURVEY LOCATION(S):	DOT Region 8, Orange County 112 Dickson Street, Newburgh, New York 12550-5324
OGS PROJECT#	Q1858
SURVEY DATE(S):	May 3, 2024
SCOPE OF WORK:	Roof Replacement
SCOPE OF WORK BUILDING/ STRUCTURE PLANS UTILIZED:	Prepared by: Fellenzer Engineering LLP Dated: 2/16/2024
CERTIFIED ADELAIDE PERSONNEL:	Jason Fullum (NYS Asbestos Inspector/Cert. #24-6IUY7-SHAB and EPA Lead-based Paint Risk Assessor/Cert. #LBP-R-12098-3)
SITE CONTACT(S):	John Roosa

1.2 Executive Summary

On May 3, 2024, **Adelaide** inspected the three roofs that will be affected by the proposed scope of work for suspect ACM, LBP and PCBs.

SUSPECT HAZARDOUS MATERIAL	SAMPLE(S)/LAYER(S)/ READING(S) COLLECTED	SAMPLE(S) / HOMOGENEOUS AREA(S) IDENTIFIED POSITIVE
Asbestos-containing Materials (ACM):	32	6
Lead-based Paint (LBP):	6 (plus calibrations)	3
PolyChlorinated Biphenyls (PCB):	2	0

There are **asbestos materials that will be impacted** by this scope of work as described in section 1.1. These materials are listed in section 2.1.

1.3 Conclusions and Recommendations

The following conclusions and recommendations are prepared by **Adelaide** as per the provided scope of work for Building/Structure Demolition, Renovation, Remodeling and/or Repair. Should the scope of work change, it is recommended that the findings be revisited to determine if additional sampling will be required to satisfy ALL Federal, State and Local regulations.

The materials sampled, as part of this survey, were limited to building materials potential affected by the provided scope of work only. All building materials outside the scope of work that have the potential to be disturbed, impacted, or if the scope of work is to change, are to be presumed asbestos-containing materials (PACM). Identified PACM **must** either be sampled by a licensed NYS Asbestos Inspector and/or abated/removed and disposed of by a licensed NYS Asbestos Abatement Contractor.

1.4 Asbestos-containing Materials (ACM)

- This survey concluded that the materials listed in Section 2.1 tested ***positive for asbestos***.

- There are asbestos materials that will be impacted by this scope of work. These materials are listed in section 2.1. Refer to Appendix A for the approximate location of the above materials in the affected scope of work.

- Subpart 56-5(h) of 12 NYCRR Part 56 requires that no demolition, renovation, remodeling, or repair work be commenced by any owner or the owner's agent prior to the completion of asbestos abatement. Asbestos abatement must be performed by an asbestos abatement contractor that maintains a current asbestos handling license and employs NYSDOL/NYCDEP certified asbestos handlers and supervisors. It is recommended that a 12 NYCRR 56 certified Project Monitor oversee abatement activities.

- Subpart 56-5(g) of 12 NYCRR Part 56 specifies requirements for transmittal of asbestos survey information by the owner or owner's agent. (1) One copy of the asbestos survey report shall be sent to the local government entity charged with issuing a permit for such demolition, renovation, remodeling, or repair work under applicable State or local laws. (2) If controlled demolition or pre-demolition activities will be performed, one copy of the asbestos survey report shall be submitted to the appropriate Asbestos Control Bureau district office. (3) One copy of the asbestos survey report must be kept on the construction site throughout the duration of the asbestos project and any associated demolition, renovation, remodeling, or repair project.

1.5 Lead-based Paint (LBP)

- This survey concluded that the readings summarized in Section 2.3 and Appendix E tested ***positive for lead-based paint.***

- These areas must be either abated or Lead safe work practices must be implemented during the demolition, renovation, remodeling, or repair activities if these areas are to be disturbed.

1.6 PolyChlorinated Biphenyls (PCB)

- This survey concluded that the materials listed in Section 2.4 and Appendix F tested ***negative for PCBs.***

2.0 Summary of Hazardous Materials

2.1 Summary of Identified ACM/PACM

KEY: **ACM** = Materials containing greater than 1% of asbestos; **HA** = Homogeneous Area; **LF** = Linear Feet; **SF** = Square Feet; **PACM** = Presumed Asbestos-containing Materials; **Friable** = ACM capable of being released into air, and which can be crumbled, pulverized, powdered, crushed or exposed by hand-pressure; [A] = Material is considered non-friable solely in an intact and undisturbed state, however, may be rendered friable if pulverized or crumbled while in dry state.

Samples collected by **Adelaide** May 3, 2024

HA	Identified ACM	ACM Location(s)	Approx. Qty.	Condition	Friable? (Yes or No)
6	Flashing Tar	Three Roofs	1,000 SF	Damaged	No
8	Black Repair Tar	Office Roof	150 SF	Damaged	No
9	Roof Drain Tar	6 Roof Drains	24 SF	Damaged	No
10	Pitch Pocket Tar	Mechanic Roof	2 SF	Damaged	No
14	Roof Drain Insulation	Roof Drain Pipes	30 LF	Good	Yes
15	Roof Drain Fittings	Roof Drain Pipes	12 Fittings	Good	Yes

2.2 Summary of Identified Non-ACM

Samples collected by **Adelaide** May 3, 2024

Identified Non-ACM	Sample Location(s)
Main Field – Top Layer, Perlite Insulation, Felt, Asphalt on Deck, Concrete Deck	Three Roofs
Silver Repair Tar	
Sealant Above Counterflashing	
White Sealant Between Metal Panels	
Brick Mortar	

2.3 Summary of Identified LBP

Based on review of the data generated by the Viken Pb200e X-Ray Fluorescence (XRF) Analyzer(s), the following surfaces tested were identified as lead-based, as defined by HUD/EPA (equal to or in excess of 1.0 milligram per square centimeter):

Readings collected by **Adelaide** May 3, 2024

Location of LBP	LBP Component	Substrate	Color	Condition	Readings (mg/cm2)
Exterior	Corner Guard	Metal	Yellow	Intact	*11.6*
Exterior	Corner Guard	Metal	Yellow	Intact	*14.4*
Exterior	Corner Guard	Metal	Yellow	Intact	*3.4*

2.4 Summary of Identified PCB-containing Materials

Samples collected by **Adelaide** May 3, 2024

Sample #	Location / Description	Material Matrix	Substrate	Approx. Qty.	Analytical Result
NO PCB-containing materials were identified above the USEPA 40 CFR 761 threshold of 50 ppm(mg/kg) of samples collected/analyzed in reference to the above-mentioned scope of work.					

2.5 Observations

SUSPECT ASBESTOS-CONTAINING MATERIALS (ACM)
A visual inspection was performed, and homogeneous material types were established based on appearance, color and texture. The findings presented in this report are based upon reasonably available information and observed site conditions at the time the assessment was performed. The findings and conclusions of this report are not meant to be indicative of future conditions at the site and does not warrant against conditions that were not evident from visual observations or historical information obtained from others.

On May 3, 2024, representative bulk sampling was performed on suspect building materials for laboratory analysis and the following is a summary of installed building materials sampled as per the scope of work provided:

- Roofing Materials – Roofing Layers, Felt, Concrete Deck, Repair Tars, Sealants, Brick Mortar
- Thermal System Insulation – Pipe Insulation, Mudded Fittings.
- Non-suspect Materials (not sampled) – Silicone, Wood, Glass, Metal.

3.0 Asbestos-containing Materials (ACM)

3.1 Field Procedures and Analysis Methodology

Guidelines used for the inspection were established by the U.S. Environmental Protection Agency (EPA) in the Guidance for Controlling Asbestos Containing Materials in Buildings, Office of Pesticides and Toxic Substances, DOC# 560/5-85-024 and 40 CFR Part 763, Asbestos Hazard Emergency Response Act (AHERA) and Title 12 NYCRR Part 56-5.1. Field information was organized as per the AHERA concept of a homogeneous area (HA); that is, suspect Asbestos-containing Materials (ACM) with similar age, appearance, and texture were grouped together, sampled and assessed for condition.

For the purposes of this inspection, suspect ACM has been placed in three material categories: thermal, surfacing, and miscellaneous. 1) Surfacing materials are those that are sprayed on, troweled on or otherwise applied to surfaces for fireproofing, acoustical, or decorative purposes (e.g., wall and ceiling plaster). 2) Thermal materials are those applied to heat pipes or other structural components to prevent heat loss or gain or prevent water condensation (e.g., pipe and fitting insulation, duct insulation, boiler flue). 3) Miscellaneous materials are interior building materials on structural components, structural members or fixtures, such as floor and ceiling tiles, etc. and do not include surfacing material or thermal system insulation.

SURFACING MATERIALS

Surfacing materials were grouped into homogeneous sampling areas. A homogeneous area contains material that is uniform in color and texture and appears identical in every other respect. Materials installed at different times belong to different sampling areas. Homogeneous areas were determined on per floor basis.

The following protocol was used for determining the number of samples to be collected:

- At least three bulk samples were collected from each homogeneous area that is 1,000 square feet or less.
- At least five bulk samples were collected from each homogeneous area that is greater than 1,000 square feet but less than or equal to 5,000 square feet.
- At least seven bulk samples were collected from each homogeneous area that is greater than 5,000 square feet.

THERMAL SYSTEM INSULATION (TSI)

The concept of homogeneous sampling areas applies equally well to thermal insulation as to surfacing material. A "typical" building may contain multiple insulated pipe runs from any combination of the following categories:

- Hot water supply and/or return
- Cold water supply
- Chilled water supply
- Steam supply and/or return
- Roof or system drain

The following protocol was used for determining the number of samples to be collected.

- Collect at least three bulk samples from each homogeneous area of thermal system insulation.
- Collect at least one bulk sample from each homogeneous area of patched thermal system insulation if the patched section is less than 6 linear or square feet.
- In a manner sufficient to determine whether the material is ACM or not ACM, collect a minimum of three bulk samples from each homogeneous insulated mechanical system tee, elbow, and valve.

Bulk samples are not collected from any homogeneous area where the certified inspector has determined that the thermal system insulation is fiberglass, foam glass, or rubber.

MISCELLANEOUS MATERIALS

Miscellaneous materials are grouped into different homogeneous areas and at least two bulk samples are collected from each homogeneous area as per the clarification letter from the EPA and the Professional Abatement Contractors of New York, Inc in November of 2007.

Samples collected were analyzed by a laboratory approved under the New York State Department of Health Environmental Laboratory Approval Program (NYSDOH ELAP). Samples were analyzed in the laboratory by Polarized Light Microscopy (PLM), Polarized Light Microscopy-NOB (PLM-NOB) and/or Quantitative Transmission Electron Microscopy (QTEM), as required. Sample collection and laboratory analysis were conducted in compliance with the requirements of Title 12 NYCRR Part 56-5.1, 29 CFR 1926.1101 and standard EPA & OSHA accepted methods. Samples consisting of multiple layers were separated and analyzed independently in the laboratory.

3.2 Regulatory Guidelines and Requirements for ACM

FEDERAL

In accordance with the Clean Air Act (CAA), the U.S. Environmental Protection Agency (EPA) established National Emission Standards for hazardous Air Pollutants (NESHAP) to protect the public from exposure to airborne pollutants. Asbestos was one of the air pollutants, which was addressed under the NESHAP 40 CFR Part 61. The purpose of asbestos NESHAP regulations is to protect the public health by minimizing the release of asbestos when facilities, which contain ACM, are being renovated or demolished. EPA is responsible for enforcing regulations related to asbestos during renovations and demolition, however, the CAA allows the EPA to delegate this authority to State and Local Agencies. Even after EPA delegate's responsibility to a state or Local agency, EPA retains the authority to oversee agency performance and to enforce NESHAP regulations as appropriate.

NEW YORK STATE

Asbestos in New York State is regulated under the Labor Law Section 906, Part 56 of Title 12 of the Official Compilation of Codes, Rules, and Regulations. Within the department and for the purpose of the Department of Labor, this part (rule) is known as Industrial Code Rule No. 56 (ICR 56) relating to hazards to the public safety and health, during the removal, encapsulation, or disturbance of friable asbestos, or any handling of ACM that may result in the release of asbestos fiber.

As specified in Title 12 NYCRR Part 56-5.1 (h) and (i), "If the building/structure asbestos survey finds that the portion of the building/structure to be demolished, renovated, remodeled, or have repair work contains ACM, PACM, suspect miscellaneous ACM assumed to be ACM, or asbestos material, which is impacted by the work, the owner or the owner's agent shall conduct, or cause to have conducted, asbestos removal performed by a licensed asbestos abatement contractor in conformance with all standards set forth in this Part. All ACM, PACM, suspect miscellaneous ACM assumed to be ACM, or asbestos material impacted by the demolition, renovation, remodeling or repair project shall be removed as per this Part, prior to access or disturbance by other uncertified trades or personnel. No demolition, renovation, remodeling or repair work shall be commenced by any owner or the owner's agent prior to the completion of the asbestos abatement in accordance with the notification requirements of this Part…All building/structure owners and asbestos abatement contractors on a demolition, renovation, remodeling, or repair project, which includes work covered by this part, shall inform all trades on the work site about PACM, ACM, asbestos material and suspect miscellaneous ACM…Bids may be advertised and contracts awarded for demolition, remodeling, renovation, or repair work, but no work on the current intermediate portion of the project shall commence on the demolition, renovation, remodeling or repair work by any owner or agent prior to completion of all necessary asbestos abatement work for the current intermediate portion of the entire project, in conformance with all standards set forth in this Part." All work conducted should be in accordance with all legal requirements, including but not limited to U.S. Environmental Protection Agency (EPA) National Emissions Standards for Hazardous Air Pollutants (NESHAP) [40 CFR Part 61], New York State Industrial Code Rule 56 Asbestos Regulations (ICR 56) and Chapter 1 of Title 15 of the Rules of the City of New York Regulations, as applicable. Advance notification of the asbestos project to the USEPA, NYSDOL, and NYCDEP may be required.

CONCEALED ACM

In addition to the ACMs identified at the site, there is a possibility that concealed suspect ACM may exist at the building/structure. As such, if any concealed suspect ACM is encountered during future construction related activities, the work should immediately stop. Prior to resuming the work, the suspect ACM should

either be 1) Sampled by an appropriately-certified asbestos professional and submitted to an Approved NYSDOH ELAP laboratory for asbestos analysis or 2) Presumed to be ACM (PACM) and removed by a licensed asbestos abatement contractor for disposal in accordance with all applicable regulations.

4.0 Lead-based Paint (LBP)

4.1 Applicable Standards/Guidelines for LBP

The U.S Department of Housing and Urban Development (HUD) defines the action level for lead-based paint as a lead content equal to or greater than 1.0 milligrams of lead per square centimeter of painted surface (≥1.0 mg Pb/cm^2) when measured with an XRF analyzer or 0.5 percent by weight when chemically tested. This definition is described in the HUD "Lead-Based Paint: Interim Guidelines for Hazard Identification and Abatement in Public and Indian Housing, September 1990". The state of New York's definition of the action level for lead-based paint is consistent with the level established by HUD.

Please note that although the HUD defines lead-based paint as paint having lead concentrations equal or greater than 1.0 mg/cm2, the Occupational Safety and Health Administration (OSHA) considers any concentration of lead in paint to be lead-containing paint. Regardless of the lead concentrations in paint, the contractor shall comply with 29 CFR 1926.62, OSHA regulations, and take precautionary measures for dust control and limit employee exposure to lead dust during the renovations.

Painted surfaces that would be impacted by planned activities such as drilling, cutting, scrapping, etc. and create dust should be properly addressed by following safe work practices, good housekeeping procedures and/or following proper abatement procedures. Grinding and sanding of paint without HEPA filter exhaust, open flame gas fired torch, unconfined abrasive blasting, and chemical strippers containing methylene chloride or other human carcinogenic chemicals are not recommended.

The Federal Resource Conservation and Recovery Act (RCRA) regulation governs the handling, transportation, and disposal of hazardous materials. Every demolition/renovation debris generator has the responsibility to determine whether the debris exhibits one or more of the characteristic wastes listed in subpart C of 40 CFR Part 261. In the case of demolition debris, lead in LBP is a characteristic waste, and therefore, it is the responsibility of the renovation/demolition debris generator to characterize the waste prior to its disposal and, if found to be hazardous waste as defined by Federal Statutes, to be properly handled and disposed.

Metal objects painted with LBP are exempt from disposal regulations applicable to lead, provided they are properly recycled. All metal objects that are painted with LBP should be sent to a certified recycling facility.

This report is not Lead-based Paint abatement specification and should not be used for specifying removal methods or techniques.

4.2 XRF Information

Viken Pb200e X-Ray Fluorescence (XRF) Analyzer(s) were used to survey the building/structure or portion thereof identified to be demolished, renovated, remodeled or repaired for the presence of LBP. The Viken Pb200e XRF Analyzer(s) are using a sealed source of Co-57 with 6mCi sources, meeting HUD requirements for the analysis of paint films. During the analysis, the intensity of the x-rays is converted by the

instrument's internal software into an estimate of the concentration of lead in the substance being analyzed. The results are interpreted as concentrations of lead in milligrams per square centimeter. This device is a field-screening tool, used to collect multiple readings in a short period of time. The method of measurement is based on spectrometric analysis of lead x-ray fluorescence within a controlled depth of interrogation. The reading is an estimate of lead content in all layers of paint. The results are displayed in milligrams per square centimeter (mg/cm2). The device(s) used for this inspection were the Viken Pb200e X-Ray Fluorescence (XRF) Analyzer(s) Serial Number 2104, Source date 4/1/23, Serial number 2231, Source date 5/15/22, Serial number 2595, Source date 2/15/23 and/or Serial number 2901, Source date 2/15/23.

5.0 PolyChlorinated Biphenyls (PCB)

5.1 Background and Protocol for PCBs

PolyChlorinated Biphenyls (PCB) are a group of manmade chemicals. PCBs were widely used in building materials and electrical products in the past. The U.S. Environmental Protection Agency banned the manufacturing and certain uses of PCBs in 1978, but buildings constructed or renovated between 1950 and 1978 may still have building materials and electrical products that contain PCBs. Examples of products that may contain PCBs include caulk, paint, glues, plastics, fluorescent lighting ballasts, transformers and capacitors.

PCBs are currently prohibited from being used in caulk and other commodities (U.S. EPA, 40 CFR 761). However, prior to 1977, PCBs were present in some caulking materials used in the construction of schools and other buildings. Studies have shown that concentrations of PCB can exceed 1% (10,000 ppm) by weight in some caulk materials. An investigation of 24 buildings in the Greater Boston Area revealed that one-third of the buildings tested (8 of 24) contained caulking materials with polychlorinated biphenyl (PCB) content exceeding 50 ppm by weight with an average concentration of 15,600 ppm or 1.5% (Herrick et al., 2004). These buildings included schools and other public buildings.

The U.S. EPA regulates the disposal of caulk, as well as soil and other materials contaminated with PCBs from caulk, if the concentration of PCBs exceeds 50 ppm. Such materials must be disposed at an appropriate approved or permitted facility.

U.S. EPA regulation 40 CFR 761 defines "PCB remediation waste" to include contaminated soil, and specifies a clean-up level of <1ppm without further conditions for unrestricted use in "high occupancy areas" (i.e., areas where individuals may be present for 335 hours or more per year). PCB caulk is defined as a PCB bulk product waste, and its disposal is subject to U.S. EPA regulations under the Toxic Substances Control Act (40 CFR761.62).

This protocol has been developed in consultation with the New York State Department of Health, Division of Environmental Health Assessment, Bureau of Toxic Substance Assessment to address concerns about properly managing caulk containing PCBs that will be disturbed during building renovation and maintenance.

CAULK SAMPLE COLLECTION

Buildings constructed or renovated between 1950 and 1977 have a potential to contain PCBs in existing caulk. Representative samples of caulking materials from these buildings prior to renovation or demolition work should be tested to determine whether the caulk is contaminated with PCBs. Professional judgement should be used to design the sampling plan for characterizing caulk throughout the building. The consultant should pay particular attention to construction and maintenance records and to the appearance of caulking materials (likenesses and differences). Samples should be taken from window frames or expansion joints that have not been repaired or replaced since 1977. Depending on specific information provided in the workplan developed by the project manager, such as window placement, compositing of some caulk samples might be appropriate. Caulk from different time periods or that have a different appearance should not be composited together.

It is important to note that caulk used during the time period of interest may also contain asbestos or lead. Therefore, the work plan should include testing, handling and disposal requirements appropriate for such regulated materials.

SOIL SAMPLE COLLECTION

Buildings constructed or renovated between 1950 and 1977, which have undergone further renovation after 1977, may have residual PCB contamination in adjacent soils. An adequate representation of surface soils should be tested to assess the potential for residual PCB contamination.

When designing a representative soil sampling plan, the likelihood of soil contamination from deteriorated or deteriorating caulk should be considered. Caulk that has in the past dried out and fallen to the ground is the most important source of soil contamination. Thus, sampling should include soil beneath windows where caulk has obviously deteriorated or been replaced because of previous deterioration. Areas subject to the stress of sun and prevailing weather (typically the southern and western side of each structure) should be included for sampling. These samples would provide a conservative evaluation of soil conditions due to an increased potential for material failure, possibly resulting in contamination of soil. Also, if earlier renovation or demolition work may have stockpiled potentially contaminated caulk in other school areas, the school should consider having soils in those areas tested as well.

Soil sampling should focus on areas of the building where ”banks” or “gangs” of windows exist/were replaced and areas of the structure where large expansion joints are located. This would provide a conservative evaluation of potential soil contamination and permit efficient sampling.

Any obvious pieces of caulk encountered during the collection of soil samples should be removed from the soil, categorized (with respect to location and depth) and treated as a separate potential sample.

Depth – At each soil sample location, soil should be collected in depth intervals of 0-2 inches, 2-6 inches and 6-12 inches. The surface soil sample (0-2 inches) should be collected from below the vegetative surface layer, if present.

Distance from Structure – Samples should be collected within 1 foot of the building and 5 feet from the building.

Samples should be collected in a manner that prevents cross-contamination. Augers or driven core samplers should be avoided, as any caulk caught on the edge of this type of tool could be driven to lower intervals. Using a designated trowel for each sample location and each interval of depth is encouraged. If the sampling tool is field cleaned between samples, do so in a manner that does not add solvent contamination to the environment.

NOTE
Sampling was performed by **Adelaide** in compliance with protocols outlined by New York State Education Department (NYSED) and USEPA 40 CFR 761, as described above. Only one sample per homogeneous area was required for analysis of suspect PCB-containing materials. Bulk sample(s) were properly packaged and forwarded, with associated Chain of Custody (COC), to a laboratory approved under the New York State Department of Health Environmental Laboratory Approval Program (NYSDOH ELAP), for analysis using method SW846-3550B/8082. The analysis will determine if the suspect material will be classified as PCB-containing at or above 50 ppm or mg/kg as per the EPA regulations. Copies of the analytical results are contained within attached appendices for review.

6.0 General Discussion

All construction personnel as well as individuals who have access to locations where asbestos-containing materials (ACM), lead-based paints (LBP) and/or polychlorinated biphenyls (PCB) exists should be informed of its presence and the proper work practices in these areas. Conspicuous labeling of all ACM is suggested to ensure personnel is adequately informed. Personnel should be informed not to rest, lean or store material or equipment on or near these surfaces and not to cut, saw, drill, sand or disturb ACM. All removal, disturbance, and repair of ACM should be performed in compliance with Title 12 NYCRR Part 56 by persons properly trained to handle ACM. Facility custodial and maintenance personnel should receive training commensurate with their work activities; as defined in 29 CFR 1910.1001.

7.0 Disclaimers

Adelaide certifies that the information contained within this report is based solely upon site observations and the results of laboratory analysis for samples collected during this survey/assessment. These observations and results are time dependent, subject to changing site conditions and revisions to Federal, State and Local regulations. **Adelaide** warrants that these findings have been promulgated after being prepared in general accordance with generally accepted practices in the abatement industries. **Adelaide** also recognizes that inspection laboratory data is not usually sufficient to make all abatement and management decisions. No other warranties are expressed or implied.

The materials sampled, as part of this survey, were limited to building materials potential affected by the provided scope of work only. All building materials outside the scope of work that have the potential to be disturbed, impacted, or if the scope of work is to change, are to be presumed asbestos-containing materials (PACM). Identified PACM **must** either be sampled by a licensed NYS Asbestos Inspector and/or abated/removed and disposed of by a licensed NYS Asbestos Abatement Contractor.

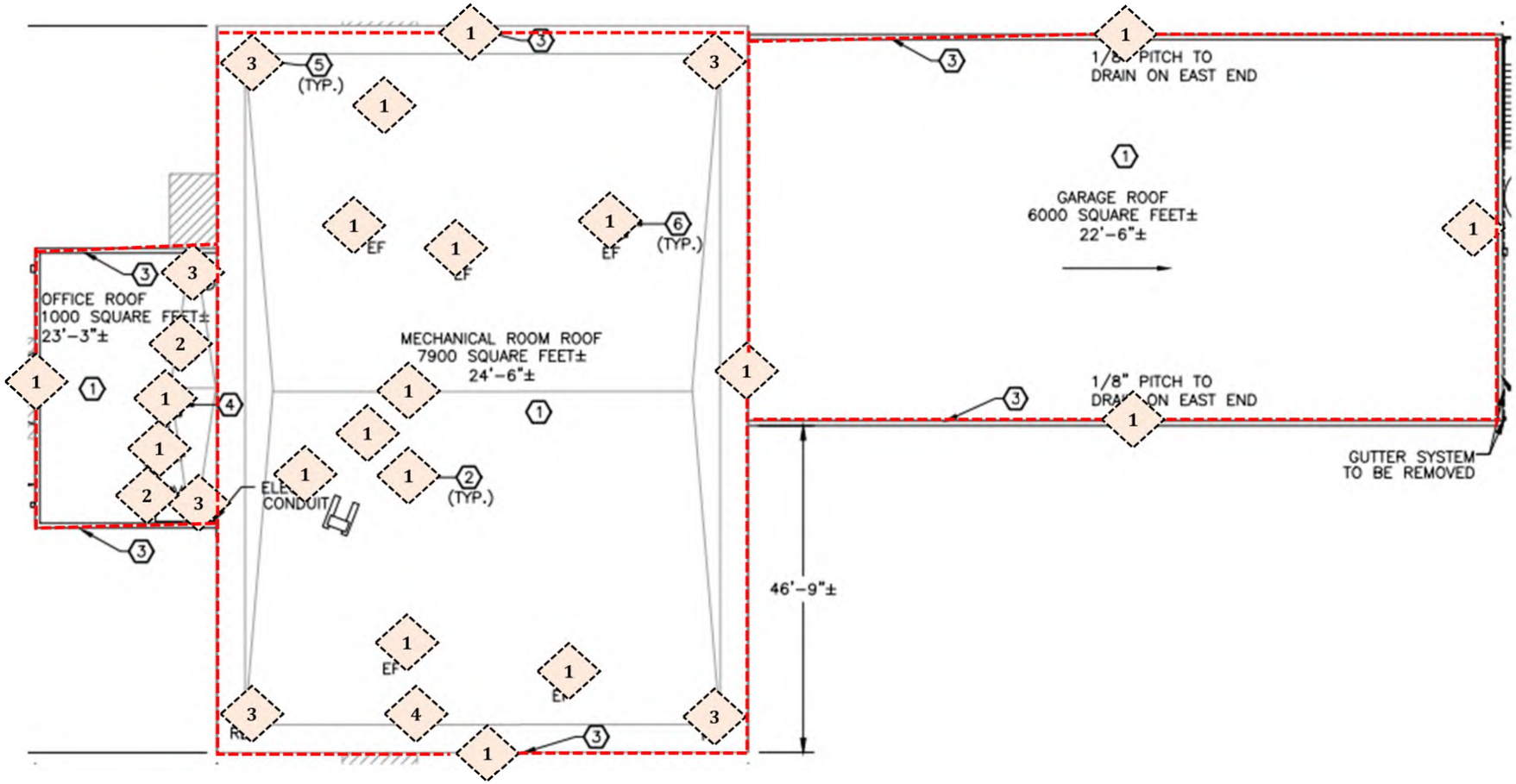
Due to the potential for concealed Asbestos-containing Materials (ACM) and/or other regulated materials, this report should not be construed to represent all ACM and/or regulated materials within the site(s). All quantities of ACM and/or other regulated materials identified, and all dimensions listed within this report are approximate and should be verified On-site.

This report is generated for the exclusive use of the client and is not designed to serve as a specification for abatement. The owner is strongly encouraged to contract with a consultant having a current Asbestos Project Designer Certificate as issued by New York State Department of Labor for the preparation of contract specifications, work plans, and/or drawings prior to requesting bids for the abatement or removal of the materials identified in this report.

NYSDOH issued an Interim Guidance Letter, on July 9, 2013, which outlined the approved testing alternative for materials containing vermiculite. Specifically, "...Where TSI, surfacing materials, or other PACM or miscellaneous suspect ACM contain greater than 10% vermiculite, Item 198.6 may be used to evaluate the asbestos content of the material; provided, however, that any test results using this method must be reported with the following conspicuous disclaimer: *"This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite."* On July 22, 2014, NYSDOH issued a Regulatory Guidance Letter outlining the new approved analytical methods for testing sprayed-on fireproofing (SOFP) that contains vermiculite. NYSDOH authorized the use of ***two*** analytical methods to evaluate the asbestos content of SOFP that contains vermiculite. As per NYSDOH Guidelines, *"After October 31, 2014, one of the new methods **must** be used to test SOF-V, regardless of the percent of vermiculite."* On May 6, 2016, NYSDOH issued a Regulatory Guidance Letter outlining the new protocol for analytical procedure for surfacing materials (ie. plaster, stucco, etc.) that contain vermiculite. As per NYSDOH Guidelines, "*The original July 2013 and July 2014 letters addressed SOF-V only. Both NYS DOH's Item 198.8 and RJ Lee Group Method 055 shall now be applied to test for vermiculite in other Surfacing Material (SM) as defined in 12 NYCRR Part 56 (NYS Industrial Code Rule 56).*"

APPENDIX A

ACM LOCATION MAP(S)



Roof Plan - Asbestos Locations

Drawing Not to Scale

ACM LEGEND: (see report for details)	
1	Flashing Tar - Perimeter, Vents, Fans
2	Black Repair Tar
3	Roof Drain Tar and Pipe Insulation and Fittings on Interior
4	Pitch Pocket Tar

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CLIENT:
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Design and Construction
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Albany, New York 12242

OGS Project # Q1858

SURVEY LOCATION:
DOT Region 8, Orange County
112 Dickson Street
Newburgh, New York 12550

DATE: 5/9/2024

DRAWING VERSION: No. 1

ISSUED FOR:
Asbestos Lead PCB Inspection

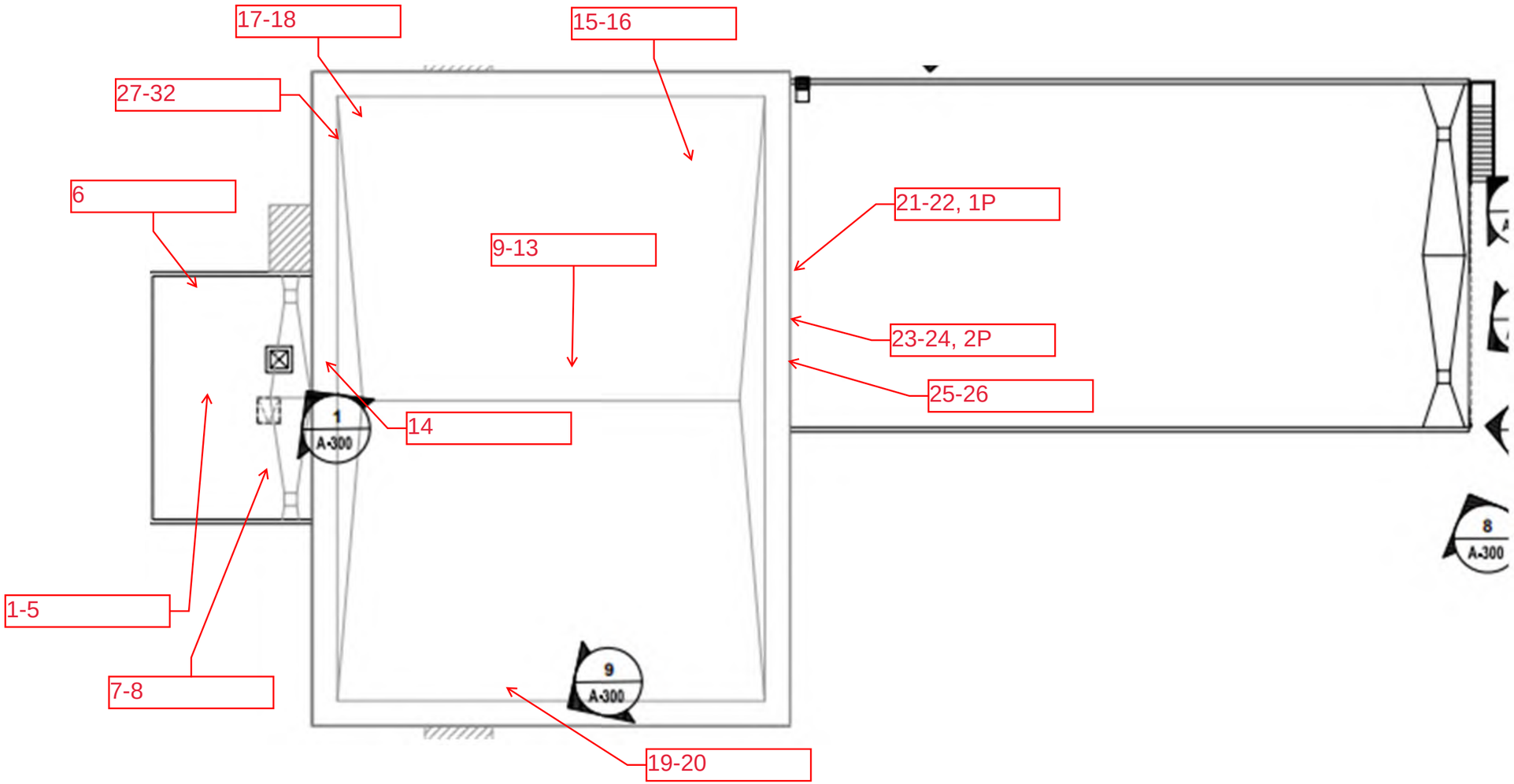
ADELAIDE PROJECT NO.:
OGS:24105.00-IN

DRAWING PREPARED BY:
JPF

ASB-01

APPENDIX B

SAMPLE LOCATION MAP(S)



Roof Plan - Sample Locations

Drawing Not to Scale

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DRAWING VERSION: No. 1

ISSUED FOR:

Asbestos Lead PCB Inspection

ADELAIDE PROJECT NO.:
OGS:24105.00-IN

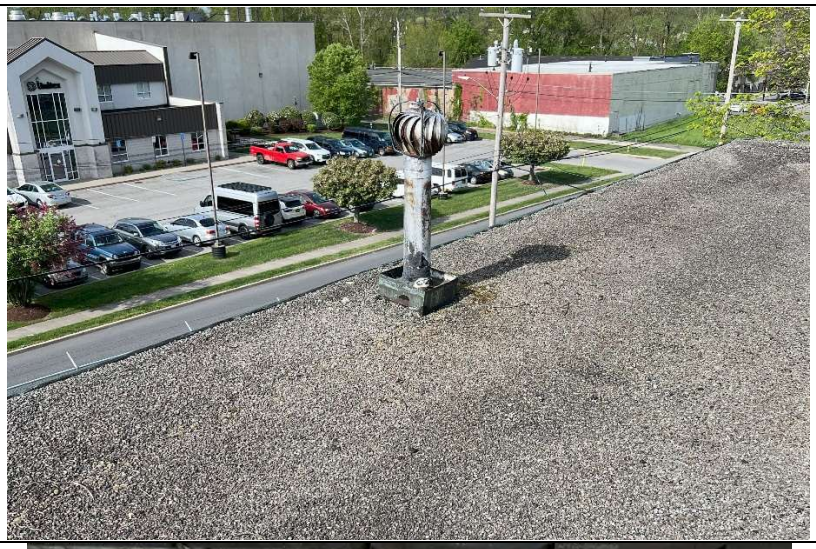
DRAWING PREPARED BY:
JPF

SL-01

APPENDIX C

ACM PHOTO(S)

HA #6 Perimeter Flashing Tar 1.8% of Chrysotile	
HA #8 Black Repair Tar 3.4% of Chrysotile	
HA #9 Roof Drain Tar 2.1% of Chrysotile	

HA #10 Pitch Pocket Tar 2.8% of Chrysotile	
HA #14 & 15 Roof Drain Insulation and Fittings 3.5% and 30.8% of Chrysotile	

APPENDIX D

ASBESTOS ANALYTICAL RESULTS

Client Name: Adelaide Environmental Health

Table I
Summary of Bulk Asbestos Analysis Results

OGS: 24105.00-IN; DOT Region 8; 112 Dickson St., Newburgh, NY 12550

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	1	1	0.200	92.5	3.4	4.2	NAD	NAD
Location: R. - Office Roof - Top Layer - Asphalt								
02	2	2	----	----	----	----	NAD	NA
Location: R. - Office Roof - Perlite Insulation								
03	3	3	0.206	95.3	1.3	3.4	NAD	NAD
Location: R. - Office Roof - Felt On Iso Board								
04	4	4	0.425	96.3	1.9	1.8	NAD	NAD
Location: R. - Office Roof - Asphalt On Deck								
05	5	5	----	----	----	----	NAD	NA
Location: R. - Office Roof - Concrete Deck								
06	6	6	0.378	94.0	2.1	3.9	NAD	NA
Location: R. - Office Roof - Perimeter Flashing Tar								
07	7	7	0.190	50.8	7.9	41.4	NAD	NAD
Location: R. - Office Roof - Silver Repair Tar								
08	8	8	0.166	94.1	2.2	3.7	NAD	NAD
Location: R. - Office Roof - Black Repair Tar								
09	9	1	0.200	91.9	3.2	5.0	NAD	NAD
Location: R. - Mechanics Roof - Top Layer - Asphalt								
10	10	2	----	----	----	----	NAD	NA
Location: R. - Mechanics Roof - Perlite Insulation								
11	11	3	0.194	94.5	5.1	0.5	NAD	NAD
Location: R. - Mechanics Roof - Felt On Iso Board								
12	12	4	0.341	96.8	1.0	2.1	NAD	NAD
Location: R. - Mechanics Roof - Asphalt On Deck								
13	13	5	----	----	----	----	NAD	NA
Location: R. - Mechanics Roof - Concrete Deck								
14	14	6	0.252	83.3	4.3	10.6	Chrysotile 1.8	NA
Location: R. - Mechanics Roof - Perimeter Flashing Tar								
15	15	7	0.136	38.3	9.4	52.4	NAD	NAD
Location: R. - Mechanics Roof - Silver Repair Tar								
16	16	8	0.643	47.5	41.6	7.5	Chrysotile 3.4	NA
Location: R. - Mechanics Roof - Black Repair Tar								

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results

OGS: 24105.00-IN; DOT Region 8; 112 Dickson St., Newburgh, NY 12550

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	17	9	0.283	64.9	15.3	17.7	Chrysotile 2.1	NA
Location: R. - Mechanics Roof - Roof Drain Tar								
18	18	9	0.289	73.4	9.5	17.1	NA/PS	NA
Location: R. - Mechanics Roof - Roof Drain Tar								
19	19	10	0.152	80.3	6.4	10.5	Chrysotile 2.8	NA
Location: R. - Mechanics Roof - Pitch Pocket Tar								
20	20	10	0.134	80.8	5.7	13.5	NA/PS	NA
Location: R. - Mechanics Roof - Pitch Pocket Tar								
21	21	11	0.405	25.1	70.1	4.8	NAD	NAD
Location: R. - Cold Storage Roof - Sealant Above Counter Flashing								
22	22	11	0.264	24.7	71.6	3.8	NAD	NAD
Location: R. - Cold Storage Roof - Sealant Above Counter Flashing								
23	23	12	0.139	28.8	16.7	54.5	NAD	NAD
Location: R. - Mechanics Roof - White Sealant Between Flashing Metal								
24	24	12	0.150	43.6	9.0	47.4	NAD	NAD
Location: R. - Mechanics Roof - White Sealant Between Flashing Metal								
25	25	13	----	----	----	----	NAD	NA
Location: R. - Exterior - Brick Mortar								
26	26	13	----	----	----	----	NAD	NA
Location: R. - Exterior - Brick Mortar								
27	27	14	----	----	----	----	Chrysotile 3.5	NA
Location: R. - Mechanics Garage - Roof Drain Insulation								
28	28	14	----	----	----	----	NA/PS	NA
Location: R. - Mechanics Garage - Roof Drain Insulation								
29	29	14	----	----	----	----	NA/PS	NA
Location: R. - Mechanics Garage - Roof Drain Insulation								
30	30	15	----	----	----	----	Chrysotile 30.8	NA
Location: R. - Mechanics Garage - Roof Drain Fitting								
31	31	15	----	----	----	----	NA/PS	NA
Location: R. - Mechanics Garage - Roof Drain Fitting								
32	32	15	----	----	----	----	NA/PS	NA
Location: R. - Mechanics Garage - Roof Drain Fitting								

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results

OGS: 24105.00-IN; DOT Region 8; 112 Dickson St., Newburgh, NY 12550

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM

Analyzed by: Marwan A. Alahiri 

Date: 5/6/2024

Reviewed by: Marwan A. Alahiri 

**Quantitative Analysis (Semi/Full); Bulk Asbestos Analysis - PLM by Appd E to Subpt E, 40 CFR 763 or NYSDOH ELAP 198.1 for New York friable samples or NYSDOH ELAP 198.6 for New York NOB samples; TEM (Semi/Full) by EPA 600/R-93/116 (or NYSDOH ELAP 198.4; for New York samples). Analysis using Hitachi, Model H600-Noran 7 System, Microscope, Serial #: 600-27-6. NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses): NVLAP (PLM) 200546-0, NYSDOH ELAP Lab 11480, NJ Lab ID #NY031.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogenous materials).

AmeriSci New York
117 EAST 30TH ST.
NEW YORK, NY 10016
TEL: (212) 679-8600 • FAX: (212) 679-3114

PLM Bulk Asbestos Report

Adelaide Environmental Health
Attn: John Soter
1511 Rte. 22, Suite C24

Brewster, NY 10509

Date Received 05/06/24
Date Examined 05/06/24
ELAP # 11480

AmeriSci Job # 224051403
P.O. #
Page 1 **of** 6

RE: OGS: 24105.00-IN; DOT Region 8; 112 Dickson St., Newburgh, NY 12550

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
1	224051403-01	***No***	NAD
1	**Location:** R. - Office Roof - Top Layer - Asphalt		(by NYS ELAP 198.6) by Valeriu Voicu on 05/06/24
Analyst Description: Black, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 3%, Non-fibrous 1.2%			
2	224051403-02	***No***	NAD
2	**Location:** R. - Office Roof - Perlite Insulation		(by NYS ELAP 198.1) by Valeriu Voicu on 05/06/24
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 15%, Non-fibrous 85%			
3	224051403-03	***No***	NAD
3	**Location:** R. - Office Roof - Felt On Iso Board		(by NYS ELAP 198.6) by Valeriu Voicu on 05/06/24
Analyst Description: Black/Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 3.4%			
4	224051403-04	***No***	NAD
4	**Location:** R. - Office Roof - Asphalt On Deck		(by NYS ELAP 198.6) by Valeriu Voicu on 05/06/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 1.8%			
5	224051403-05	***No***	NAD
5	**Location:** R. - Office Roof - Concrete Deck		(by NYS ELAP 198.1) by Valeriu Voicu on 05/06/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Cellulose Trace, Non-fibrous 100%			

See Reporting notes on last page

PLM Bulk Asbestos Report

OGS: 24105.00-IN; DOT Region 8; 112 Dickson St.,
Newburgh, NY 12550

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
6 6	224051403-06 **Location:** R. - Office Roof - Perimeter Flashing Tar	***No***	NAD (by NYS ELAP 198.6) by Valeriu Voicu on 05/06/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 3.9%			
7 7	224051403-07 **Location:** R. - Office Roof - Silver Repair Tar	***No***	NAD (by NYS ELAP 198.6) by Valeriu Voicu on 05/06/24
Analyst Description: Silver, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 5%, Non-fibrous 36.4%			
8 8	224051403-08 **Location:** R. - Office Roof - Black Repair Tar	***No***	NAD (by NYS ELAP 198.6) by Valeriu Voicu on 05/06/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 3.7%			
9 1	224051403-09 **Location:** R. - Mechanics Roof - Top Layer - Asphalt	***No***	NAD (by NYS ELAP 198.6) by Valeriu Voicu on 05/06/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 5%			
10 2	224051403-10 **Location:** R. - Mechanics Roof - Perlite Insulation	***No***	NAD (by NYS ELAP 198.1) by Valeriu Voicu on 05/06/24
Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 35%, Non-fibrous 65%			
11 3	224051403-11 **Location:** R. - Mechanics Roof - Felt On Iso Board	***No***	NAD (by NYS ELAP 198.6) by Valeriu Voicu on 05/06/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 0.5%			

See Reporting notes on last page

PLM Bulk Asbestos Report

OGS: 24105.00-IN; DOT Region 8; 112 Dickson St.,
Newburgh, NY 12550

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
12 4	224051403-12 **Location:** R. - Mechanics Roof - Asphalt On Deck	***No***	NAD (by NYS ELAP 198.6) by Valeriu Voicu on 05/06/24
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 2.1%			
13 5	224051403-13 **Location:** R. - Mechanics Roof - Concrete Deck	***No***	NAD (by NYS ELAP 198.1) by Valeriu Voicu on 05/06/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Cellulose Trace, Non-fibrous 100%			
14 6	224051403-14 **Location:** R. - Mechanics Roof - Perimeter Flashing Tar	***Yes***	1.8% (by NYS ELAP 198.6) by Valeriu Voicu on 05/06/24
Analyst Description: Black, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 1.8 % **Other Material:** Fibrous glass 3%, Non-fibrous 7.6%			
15 7	224051403-15 **Location:** R. - Mechanics Roof - Silver Repair Tar	***No***	NAD (by NYS ELAP 198.6) by Valeriu Voicu on 05/06/24
Analyst Description: Silver, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 3%, Non-fibrous 49.4%			
16 8	224051403-16 **Location:** R. - Mechanics Roof - Black Repair Tar	***Yes***	3.4% (by NYS ELAP 198.6) by Valeriu Voicu on 05/06/24
Analyst Description: Black, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 3.4 % **Other Material:** Non-fibrous 7.5%			
17 9	224051403-17 **Location:** R. - Mechanics Roof - Roof Drain Tar	***Yes***	2.1% (by NYS ELAP 198.6) by Valeriu Voicu on 05/06/24
Analyst Description: Black/Gray, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 2.1 % **Other Material:** Fibrous glass 2%, Non-fibrous 15.7%			

See Reporting notes on last page

PLM Bulk Asbestos Report

OGS: 24105.00-IN; DOT Region 8; 112 Dickson St.,
Newburgh, NY 12550

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
18 9	224051403-18 **Location:** R. - Mechanics Roof - Roof Drain Tar		NA/PS
	Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**		
19 10	224051403-19 **Location:** R. - Mechanics Roof - Pitch Pocket Tar	***Yes***	2.8% (by NYS ELAP 198.6) by Valeriu Voicu on 05/06/24
	Analyst Description: Black, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 2.8 % **Other Material:** Non-fibrous 10.5%		
20 10	224051403-20 **Location:** R. - Mechanics Roof - Pitch Pocket Tar		NA/PS
	Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**		
21 11	224051403-21 **Location:** R. - Cold Storage Roof - Sealant Above Counter Flashing	***No***	NAD (by NYS ELAP 198.6) by Valeriu Voicu on 05/06/24
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 4.8%		
22 11	224051403-22 **Location:** R. - Cold Storage Roof - Sealant Above Counter Flashing	***No***	NAD (by NYS ELAP 198.6) by Valeriu Voicu on 05/06/24
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 3.8%		
23 12	224051403-23 **Location:** R. - Mechanics Roof - White Sealant Between Flashing Metal	***No***	NAD (by NYS ELAP 198.6) by Valeriu Voicu on 05/06/24
	Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 54.5%		

See Reporting notes on last page

PLM Bulk Asbestos Report

OGS: 24105.00-IN; DOT Region 8; 112 Dickson St.,
Newburgh, NY 12550

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
24 12	224051403-24 **Location:** R. - Mechanics Roof - White Sealant Between Flashing Metal	***No***	NAD (by NYS ELAP 198.6) by Valeriu Voicu on 05/06/24
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 47.4%			
25 13	224051403-25 **Location:** R. - Exterior - Brick Mortar	***No***	NAD (by NYS ELAP 198.1) by Valeriu Voicu on 05/06/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Cellulose Trace, Non-fibrous 100%			
26 13	224051403-26 **Location:** R. - Exterior - Brick Mortar	***No***	NAD (by NYS ELAP 198.1) by Valeriu Voicu on 05/06/24
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Cellulose Trace, Non-fibrous 100%			
27 14	224051403-27 **Location:** R. - Mechanics Garage - Roof Drain Insulation	***Yes***	3.5% (ELAP 400 PC) by Valeriu Voicu on 05/06/24
Analyst Description: Gray/Brown, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 3.5 % **Other Material:** Animal hair 5%, Cellulose 80%, Non-fibrous 11.5%			
28 14	224051403-28 **Location:** R. - Mechanics Garage - Roof Drain Insulation		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
29 14	224051403-29 **Location:** R. - Mechanics Garage - Roof Drain Insulation		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			

See Reporting notes on last page

PLM Bulk Asbestos Report

OGS: 24105.00-IN; DOT Region 8; 112 Dickson St.,
Newburgh, NY 12550

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
30 15	224051403-30 **Location:** R. - Mechanics Garage - Roof Drain Fitting	***Yes***	30.8% (by NYS ELAP 198.1) by Valeriu Voicu on 05/06/24
	Analyst Description: Off-White/Gray, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 30.8 % **Other Material:** Cellulose 5%, Non-fibrous 64.2%		
31 15	224051403-31 **Location:** R. - Mechanics Garage - Roof Drain Fitting		NA/PS
	Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**		
32 15	224051403-32 **Location:** R. - Mechanics Garage - Roof Drain Fitting		NA/PS
	Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**		

Reporting Notes:

Analyzed by: Valeriu Voicu
Date: 5/6/2024

Reviewed by: Marwan A. Alahiri

*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop, (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; PLM Bulk Asbestos Analysis using Olympus, Model BH-2 Pol Scope, Microscope, Serial #: 229915, by Appd E to Subpt E, 40 CFR 763 quantified by either CVES or 400 pt ct as noted for each analysis (NVLAP 200546-0), ELAP PLM Method 198.1 for NY friable samples, which includes the identification and quantitation of vermiculite, or ELAP 198.6 for NOB samples, or EPA 400 pt ct by EPA 600-M4-82-020 (NY ELAP Lab 11480); Note:PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,146,38970,8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab.This PLM report relates ONLY to the items tested. RI Cert AAL-094, CT Cert PH-0186, Mass Cert AA000054, NJ Lab ID #NY031.

_____END OF REPORT_____

Adelaide Environmental Health Associates, Inc

1454 Rte. 22, Suite B202
Brewster, NY 10509
845-278-7710
845-278-7750 - fax

224051403

Site Address: DOT Region 8	Date: 5/3/24	Inspector: **Jason Fullum**
112 Dickson St.	Client Project #	
Newburgh, NY 12550	Project #: 065:24105:00-IN	

Sample ID #	Homogeneous Area	Floor Level	Sample Location/Description	Quantity (In Feet)	Friable Non Friable	Condition g, d, sd
1	1	R	Office Roof - Top Layer - Asphalt	15,000SF	NF	D
2	2	R	Office Roof - Perlite Insulation	↓	F	↓
3	3	R	- Felt on Iso Board	↓	NF	↓
4	4	R	- Asphalt on Deck	↓	NF	↓
5	5	R	- Concrete Deck	↓	F	↓
6	6	R	- Perimeter Flashing Tar	1,000SF	NF	D
7	7	R	- Silver Repair Tar	150SF	NF	D
8	8	R	- Black Repair Tar	150SF	NF	D
9	1	R	Maintenance Roof - Top Layer - Asphalt	15,000SF	NF	D
10	2	R	Mechanics - Perlite Insulation	↓	F	↓
11	3	R	- Felt on Iso Board	↓	NF	↓
12	4	R	- Asphalt on Deck	↓	NF	↓
13	5	R	- Concrete Deck	↓	F	↓
14	6	R	- Perimeter Flashing Tar	1,000SF	NF	↓

Special Instructions/ Turnaround Time:

24 HR TAT

Stop at 1st Positive per Homogenous Area
Fax Results to 845-278-7750
E-Mail results to AdelaideLabResults@Adelaidellc.com and Jfullum@adelaidellc.com

Relinquished by:
Received by:
5/6/24 0910
Relinquished by:
Received by:

Adelaide Environmental Health Associates, Inc
1454 Rte. 22, Suite B202
Brewster, NY 10509
845-278-7710
845-278-7750 - fax

224051403

Site Address: DOT Region 8	Date: 5/3/24	Inspector: **Jason Fullum**
112 Dickson St.	Client Project #	
Newburgh, NY 12550	Project #: 065: 24105, 00 - IN	

Sample ID #	Homogeneous Area	Floor Level	Sample Location/Description	Quantity (In Feet)	Friable Non Friable	Condition g, d, sd
15	7	R	Mechanics Roof - Silver Repair Tar	150SF	NF	D
16	8	R	Black Repair Tar	150SF	NF	D
17	9	R	- Roof Drain Tar	24SF	NF	D
18	9	R		↓	↓	D
19	10	R	- Pitch Pocket Tar	2 SF	NF	D
20	10	R		↓	↓	↓
21	11	R	Cold Storage Roof - Sealant Above Counter Flashing	56 LF	NF	SD
22	11	R		↓	↓	↓
23	12	R	Mechanics Roof - White Sealant Between Flashing Metal	50 LF	↓	↓
24	12	R		↓	↓	↓
25	13	R	Exterior - Brick Mortar	1,800SF	NF	D
26	13	R		↓	↓	D

Special Instructions/ Turnaround Time:

24 HR TAT

Stop at 1st Positive per Homogenous Area
Fax Results to 845-278-7750
E-Mail results to AdelaideLabResults@Adelaidellc.com and Jfullum@adelaidellc.com

Relinquished by:
Received by:
Relinquished by: 5/6/24 0910
Received by:

Adelaide Environmental Health Associates, Inc
1454 Rte. 22, Suite B202
Brewster, NY 10509
845-278-7710
845-278-7750 - fax

224051403

Site Address: DOT Region 8	Date: 5/3/24	Inspector: **Jason Fullum**
112 Dickson St.	Client Project #	
Newburgh, NY 12550	Project #: 065:24105.00-IN	

Sample ID #	Homogeneous Area	Floor Level	Sample Location/Description	Quantity (In Feet)	Friable Non Friable	Condition g, d, sd
27	14	1	Mechanics Garage - Roof Drain-Insulation	30LF	F	G
28	14	1	↓	↓	↓	↓
29	14	1	↓	↓	↓	↓
30	15	1	-Fitting	12 Fittings	F	G
31	15	1	↓	↓	↓	↓
32	15	1	↓	↓	↓	↓

Special Instructions/ Turnaround Time:

Stop at 1st Positive per Homogenous Area 24 HR **TAT**
Fax Results to 845-278-7750
E-Mail results to AdelaideLabResults@Adelaidellc.com and Jfullum@adelaidellc.com

Relinquished by:
Received by:
Relinquished by: 5/6/24 0910
Received by:

APPENDIX E

XRF READINGS

Adelaide Environmental Heath Associates Inc.
1511 Route 22, Suite C-24
Brewster, New York 10509
Adelaide Project# OGS:24105.00-IN
Project Name: DOT Region 8, Orange County Roof
Inspector: Jason Fullum

Reading #	Date	Time	Space Type	Floor	Room	Component	Side	Substrate	Color	Condition	Lead Concentration (mg/cm2)	Result
1	5/3/2024	10:23:20	Office		Calibration						1	Positive
2	5/3/2024	10:23:40	Office		Calibration						1	Positive
3	5/3/2024	10:23:59	Office		Calibration						1.1	Positive
4	5/3/2024	10:27:24	Office	roof	Roof	vent		Metal	Silver	Intact	0.1	Negative
5	5/3/2024	10:27:46	Office	roof	Roof	vent		Metal	Silver	Intact	0.1	Negative
6	5/3/2024	10:30:39	Office	Ground	Exterior	Door Lintel		Metal	Yellow	Intact	0.3	Negative
7	**5/3/2024**	**10:32:56**	**Office**	**Ground**	**Exterior**	**corner guard**		**Metal**	**Yellow**	**Intact**	**11.6**	**Positive**
8	**5/3/2024**	**10:33:30**	**Office**	**Ground**	**Exterior**	**corner guard**		**Metal**	**Yellow**	**Intact**	**14.4**	**Positive**
9	**5/3/2024**	**10:34:40**	**Office**	**Ground**	**Exterior**	**corner guard**		**Metal**	**Yellow**	**Intact**	**3.4**	**Positive**
10	5/3/2024	10:39:38	Office		Calibration						1.1	Positive
11	5/3/2024	10:39:58	Office		Calibration						1.1	Positive
12	5/3/2024	10:40:17	Office		Calibration						1.1	Positive

APPENDIX F

PCB ANALYTICAL RESULTS

PHOENIX
Environmental Laboratories, Inc.

Friday, May 10, 2024

Attn: Stephanie Soter
Adelaide Environmental Health Assoc,Inc
1511 Route 22, Suite C24
Brewster, NY 10509

Project ID: DOT REGION 8 NEWBURGH NY ROOF
SDG ID: GCQ67060
Sample ID#s: CQ67060 - CQ67061

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

May 10, 2024

SDG I.D.: GCQ67060

Project ID: DOT REGION 8 NEWBURGH NY ROOF

Client Id	Lab Id	Matrix
1P-SEALANT ABOVE COUNTERFLASHING	CQ67060	BULK
2P-WHITE SEALANT BETWEEN PANELS	CQ67061	BULK

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 10, 2024

FOR: Attn: Stephanie Soter
Adelaide Environmental Health Assoc,Inc
1511 Route 22, Suite C24
Brewster, NY 10509

Sample Information		Custody Information		Date	Time
Matrix:	BULK	Collected by:		05/03/24	
Location Code:	ADELAIDE	Received by:	B	05/06/24	16:05
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	YONK:22193.12-IN				

Laboratory Data

SDG ID: GCQ67060
Phoenix ID: CQ67060

Project ID: DOT REGION 8 NEWBURGH NY ROOF
Client ID: 1P-SEALANT ABOVE COUNTERFLASHING

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Caulk Extraction for PCB	Completed				05/07/24	J/RB	SW3540C
Polychlorinated Biphenyls							
PCB-1016	ND	540	ug/Kg	1	05/09/24	SC	SW8082A
PCB-1221	ND	540	ug/Kg	1	05/09/24	SC	SW8082A
PCB-1232	ND	540	ug/Kg	1	05/09/24	SC	SW8082A
PCB-1242	ND	540	ug/Kg	1	05/09/24	SC	SW8082A
PCB-1248	ND	540	ug/Kg	1	05/09/24	SC	SW8082A
PCB-1254	ND	540	ug/Kg	1	05/09/24	SC	SW8082A
PCB-1260	ND	540	ug/Kg	1	05/09/24	SC	SW8082A
PCB-1262	ND	540	ug/Kg	1	05/09/24	SC	SW8082A
PCB-1268	ND	540	ug/Kg	1	05/09/24	SC	SW8082A
QA/QC Surrogates							
% DCBP	76		%	1	05/09/24	SC	30 - 150 %
% DCBP (Confirmation)	52		%	1	05/09/24	SC	30 - 150 %
% TCMX	44		%	1	05/09/24	SC	30 - 150 %
% TCMX (Confirmation)	34		%	1	05/09/24	SC	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

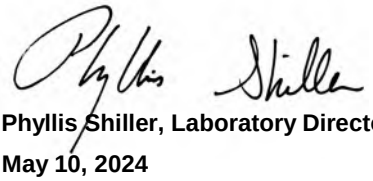
Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

PCB Comment:
For PCBs, in order to reach the desired RL, multiple cleanup steps were performed. The extract was cleaned up with a combination of sulfuric acid, potassium permanganate, copper powder and additional florisil.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 10, 2024

Reviewed and Released by: Anil Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 10, 2024

FOR: Attn: Stephanie Soter
Adelaide Environmental Health Assoc,Inc
1511 Route 22, Suite C24
Brewster, NY 10509

Sample Information		Custody Information		Date	Time
Matrix:	BULK	Collected by:		05/03/24	
Location Code:	ADELAIDE	Received by:	B	05/06/24	16:05
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	YONK:22193.12-IN				

Laboratory Data

SDG ID: GCQ67060
Phoenix ID: CQ67061

Project ID: DOT REGION 8 NEWBURGH NY ROOF
Client ID: 2P-WHITE SEALANT BETWEEN PANELS

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Caulk Extraction for PCB	Completed				05/08/24	J/RB	SW3540C
Polychlorinated Biphenyls							
PCB-1016	ND	930	ug/Kg	1	05/09/24	SC	SW8082A
PCB-1221	ND	930	ug/Kg	1	05/09/24	SC	SW8082A
PCB-1232	ND	930	ug/Kg	1	05/09/24	SC	SW8082A
PCB-1242	ND	930	ug/Kg	1	05/09/24	SC	SW8082A
PCB-1248	ND	930	ug/Kg	1	05/09/24	SC	SW8082A
PCB-1254	ND	930	ug/Kg	1	05/09/24	SC	SW8082A
PCB-1260	ND	930	ug/Kg	1	05/09/24	SC	SW8082A
PCB-1262	ND	930	ug/Kg	1	05/09/24	SC	SW8082A
PCB-1268	ND	930	ug/Kg	1	05/09/24	SC	SW8082A
QA/QC Surrogates							
% DCBP	46		%	1	05/09/24	SC	30 - 150 %
% DCBP (Confirmation)	49		%	1	05/09/24	SC	30 - 150 %
% TCMX	34		%	1	05/09/24	SC	30 - 150 %
% TCMX (Confirmation)	44		%	1	05/09/24	SC	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

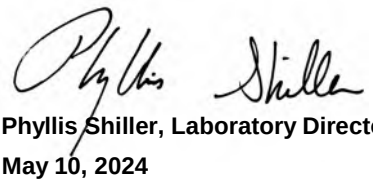
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
May 10, 2024
Reviewed and Released by: Anil Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

QA/QC Report

May 10, 2024

QA/QC Data

SDG I.D.: GCQ67060

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 730281 (ug/Kg), QC Sample No: CQ63616 10X (CQ67060)										
Polychlorinated Biphenyls - Bulk										
PCB-1016	ND	170	94	97	3.1				40 - 140	30
PCB-1221	ND	170							40 - 140	30
PCB-1232	ND	170							40 - 140	30
PCB-1242	ND	170							40 - 140	30
PCB-1248	ND	170							40 - 140	30
PCB-1254	ND	170							40 - 140	30
PCB-1260	ND	170	96	97	1.0				40 - 140	30
PCB-1262	ND	170							40 - 140	30
PCB-1268	ND	170							40 - 140	30
% DCBP (Surrogate Rec)	92	%	91	92	1.1				30 - 150	30
% DCBP (Surrogate Rec) (Confirm	94	%	92	95	3.2				30 - 150	30
% TCMX (Surrogate Rec)	87	%	84	86	2.4				30 - 150	30
% TCMX (Surrogate Rec) (Confirm	88	%	88	88	0.0				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 730599 (ug/Kg), QC Sample No: CQ67061 10X (CQ67061)										
Polychlorinated Biphenyls - Bulk										
PCB-1016	ND	170	104	100	3.9				40 - 140	30
PCB-1221	ND	170							40 - 140	30
PCB-1232	ND	170							40 - 140	30
PCB-1242	ND	170							40 - 140	30
PCB-1248	ND	170							40 - 140	30
PCB-1254	ND	170							40 - 140	30
PCB-1260	ND	170	95	88	7.7				40 - 140	30
PCB-1262	ND	170							40 - 140	30
PCB-1268	ND	170							40 - 140	30
% DCBP (Surrogate Rec)	98	%	102	96	6.1				30 - 150	30
% DCBP (Surrogate Rec) (Confirm	93	%	98	92	6.3				30 - 150	30
% TCMX (Surrogate Rec)	95	%	92	88	4.4				30 - 150	30
% TCMX (Surrogate Rec) (Confirm	101	%	100	97	3.0				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

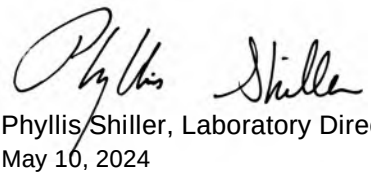
QA/QC Data

SDG I.D.: GCQ67060

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference



Phyllis Shiller, Laboratory Director
May 10, 2024

Friday, May 10, 2024

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCQ67060 - ADELAIDE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

May 10, 2024 SDG I.D.: GCQ67060

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

May 10, 2024

SDG I.D.: GCQ67060

The samples in this delivery group were received at 2.5°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐
Temp. 2.5 °C Pg of

NY/NJ/PA CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: Makrina Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Contact Options:
☐ Phone:
☐ Fax:
☐ Email: adelaidelabresults@adelaidellc.com

Customer: Adelaide Environmental
Address: 1511 Route 22
Brewster, NY 10509

Project: DOT Region 8, Newburgh, NY Roof
Report to:
Invoice to:
QUOTE # :

Project P.O: YONK:22193.12-IN

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature] Date: 5/3/24

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	PCB's	GL Amber 8 oz. [ ] w/H_3PO_4 [ ] $NAHSO_4$	Soil VOA Vials [ ] methanol [ ] H_2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H_2SO_4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H_2SO_4 [ ] 250ml [ ] 500ml	PL NAOH 250ml	PL HNO_3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
670600	1P - Sealant Above Counterflashing	Bulk	5/3/2024			x						1							
670601	2P - White Sealant Between Panels	Bulk	5/3/2024			x						1							

BAT

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	5/6/24	1415
[signature]	[signature]	5-6-24	14:50
[signature]	[signature]	5/6/24	1605

Comments, Special Requirements or Regulations:

***MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.**

Data Format:
☐ Phoenix Std Report ☐ EQuIS
☐ Excel ☐ NJ Hazsite EDD
☐ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 4 Days*
☐ 5 Days*
☒ Standard
SURCHARGE APPLIES

Data Package:
☐ NJ Reduced Deliv. * ☐ Other
☐ NY Enhanced (ASP B) *

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

NY
☐ TOGS GW
☐ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential Restricted Soil
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected? NY

APPENDIX G

PERSONNEL AND LABORATORY CERTIFICATIONS

WE ARE YOUR DOL

NEW YORK STATE | Department of Labor

DIVISION OF SAFETY & HEALTH LICENSE AND CERTIFICATE UNIT, STATE OFFICE CAMPUS, BLDG. 12, ALBANY, NY 12226

ASBESTOS HANDLING LICENSE

Adelaide Environmental Health Associates, Inc.
1511 Route 22, Suite C24, Brewster, NY, 10509

License Number: 29305
License Class: RESTRICTED
Date of Issue: 06/07/2023
Expiration Date: 07/31/2024
Duly Authorized Representative: John Soter

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Amy Phillips, Director
For the Commissioner of Labor

United States Environmental Protection Agency

This is to certify that

ADELAIDE ENVIRONMENTAL HEALTH ASSOCIATES INC

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226

In the Jurisdiction of:

All EPA Administered Lead-based Paint Activities Program States, Tribes and Territories

This certification is valid from the date of issuance and expires September 08, 2025

LBP-15081-2

Certification #

August 25, 2022

Issued On

Michelle Price, Chief

Lead, Heavy Metals, and Inorganics Branch

United States Environmental Protection Agency

This is to certify that

Adelaide Environmental Health Associates, Inc

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint renovation, repair, and painting activities pursuant to 40 CFR Part 745.89

In the Jurisdiction of:

All EPA Administered States, Tribes, and Territories

This certification is valid from the date of issuance and expires December 05, 2027

NAT-15081-3

Certification #

August 03, 2022

Issued On

Michelle Price, Chief

Lead, Heavy Metals, and Inorganics Branch

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE

N.Y.S

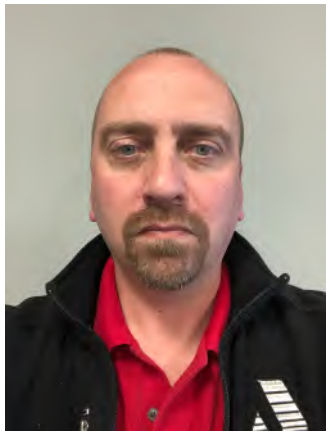
JASON FULLUM
CLASS(EXPIRES)
I PD (02/25) C ATEC (02/25)
D INSP (02/25) E MGPL (02/25)
H PM (02/25)

CERT# 24-6IUY7-SHAB
DMV# 375065936

MUST BE CARRIED ON ASBESTOS PROJECTS

United States Environmental Protection Agency

This is to certify that



Jason P Fullum

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as:

Risk Assessor

In the Jurisdiction of:

All EPA Administered Lead-based Paint Activities Program States, Tribes and Territories

This certification is valid from the date of issuance and expires July 11, 2026

LBP-R-12098-3

Certification #

July 07, 2023

Issued On

Ben Conetta, Chief

Chemicals and Multimedia Programs Branch

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2025
Issued April 01, 2024

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. KAROL H. LU
AMERICA SCIENCE TEAM NEW YORK, INC
117 EAST 30TH ST
NEW YORK, NY 10016

NY Lab Id No: 11480

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Miscellaneous

Asbestos in Friable Material	Item 198.1 of Manual
	EPA 600/M4/82/020
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)
Asbestos in Non-Friable Material-TEM	Item 198.4 of Manual

Serial No.: 68795

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2025
Issued April 01, 2024

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. PHYLLIS SHILLER
PHOENIX ENVIRONMENTAL LABS
587 EAST MIDDLE TURNPIKE
MANCHESTER, CT 06040

NY Lab Id No: 11301

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:

Polychlorinated Biphenyls

Aroclor 1262 (PCB-1262)	EPA 8082A
Aroclor 1262 (PCB-1262) in Oil	EPA 8082A
Aroclor 1268 (PCB-1268)	EPA 8082A
Aroclor 1268 (PCB-1268) in Oil	EPA 8082A
PCB 101	EPA 8082A
PCB 105	EPA 8082A
PCB 118	EPA 8082A
PCB 128	EPA 8082A
PCB 138	EPA 8082A
PCB 153	EPA 8082A
PCB 170	EPA 8082A
PCB 18	EPA 8082A
PCB 180	EPA 8082A
PCB 183	EPA 8082A
PCB 184	EPA 8082A
PCB 187	EPA 8082A
PCB 195	EPA 8082A
PCB 206	EPA 8082A
PCB 209	EPA 8082A
PCB 28	EPA 8082A
PCB 44	EPA 8082A
PCB 49	EPA 8082A
PCB 52	EPA 8082A
PCB 66	EPA 8082A
PCB 8	EPA 8082A
PCB 87	EPA 8082A
PCB Congeners, Total	EPA 8082A

Serial No.: 68722