NEW YORK STATE | Office of General Services

DESIGN & CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242

ADDENDUM NO. 2 TO PROJECT NO. 47230

CONSTRUCTION, PLUMBING, HVAC, AND ELECTRICAL WORK
RENOVATE WARD BATHROOMS, BUILDING 5
NEW YORK PSYCHIATRIC INSTITUTE
1051 RIVERSIDE DRIVE
NEW YORK, NY

September 5, 2025

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

COMMON DOCUMENTS - APPENDIX

1. RENOVATIONS SURVEY FOR ASBESTOS-CONTAINING MATERIALS, LEAD-BASED PAINT & PCBs: Discard the Survey bound in the Project Manual and use the accompanying Survey, noted "Revised 09/04/2025".

END OF ADDENDUM

Brady M. Sherlock, P.E.
Director, Division of Design
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Revised 09/04/2025

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

PERFORMED AT:

New York Psychiatric Institute
1051 Riverside Drive
New York, New York 10032
Adelaide Project #ARCH-DS:22146.00-IN
OGS Project #47230

PREPARED FOR:

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May 20, 2022

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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, on May 11, 2022, for Architectural Resources throughout 3rd, 4th & 5th Floor Ward Bathrooms within Building 5 of the New York Psychiatric Institute, located at 1051 Riverside Drive, New York, New York 10032. The survey included 1) review of building/structure plans, provided by Architectural Resources (no date on drawings), for references to the proposed Building 5 4th and 5th floor Ward Bathrooms renovations project work potentially affecting hazardous materials used in construction, renovation or repair; 2) work scope was shown and described by Scott from Architectural Resources, work is limited to specific bathrooms being renovated as detailed in drawings provide on the 4th and 5th floors. The 3rd floor above ceilings below 4th floor bathrooms was included in this inspection; and 3.) a visual inspection/assessment for hazardous materials throughout accessible interior spaces of the building/structure or portion thereof identified to be demolished, renovated, remodeled or repaired. Certified **Adelaide** personnel (Appendix E), Louis N. Johnson III (NYS Asbestos Inspector/Cert. #08-05954 and EPA Lead-based Paint Risk Assessor/Inspector/Cert. #LBP-R-I151914-2), performed the visual assessment throughout inspection area(s) identified.

1.2 Executive Summary

Adelaide inspected all areas that will be affected by the proposed building 5, 4th & 5th floor ward bathrooms renovation work for suspect ACM, LBP and PCBs. **Adelaide** collected forty-three (43) suspect asbestos samples/layers, fifty-four (54) XRF readings [including calibrations] and zero (0) PCB samples from the above-mentioned area(s). Zero (0) samples/homogenous areas tested positive for asbestos and zero (0) XRF readings tested positive for lead-based paint.

The following indicates assumed materials due to live electrical – lighting, outlet, etc. wiring/insulation and any components that will be impacted by renovation work. The work scope was limited to the bathrooms specified in drawings on the 4th & 5th floors only of building 5. If the scope of work changes, an additional visit may be required to sample any materials not sampled in this report and/or materials would need to be Presumed Asbestos-Containing Materials (PACM), or abated, removed, and disposed of by a licensed abatement contractor.

There are **assumed 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.

1.2.1 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.

1.2.2 Asbestos-containing Materials (ACM)

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

- There are assumed 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.

1.2.3 Lead-based Paint (LBP)

- This survey concluded that the materials listed in Appendix D tested ***negative for lead-based paint.***

1.2.4 PolyChlorinated Biphenyls (PCB)

- This survey concluded that no suspect PCB-containing materials were observed to be impacted by the above-mentioned scope of work.

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 11, 2022

HA	Identified ACM	ACM Location(s)	Approx. Qty.	Condition	Friable? (Yes or No)
Assumed	Electrical Wiring/ Insulation/Components	4th & 5th Floor Ward Bathrooms Throughout	50 LF Each	Good	No

2.2 Summary of Identified Non-ACM

Samples collected by **Adelaide** May 11, 2022

Identified Non-ACM	Sample Location(s) & HA's
2" x 2" Ceiling Tiles	5th Floor Hallway HA 01
	3rd Floor Hallway HA 01
Pipe Insulation Wrap/Covering	5th Floor Bathroom 5613 HA 02
	4th Floor Hallway HA 02
	3rd Floor Hallway HA 02
Sheetrock Ceiling & Joint Compound	5th Floor Bathroom 5631 HA 04 & 07
	4th Floor Bathroom 4613 HA 04 & 07
Sheetrock Walls & Joint Compound	5th Floor Room 5616 HA 05 & 08
	4th Floor Room 4631 HA 05 & 08
Cement Board	5th Floor Bathroom 5616 HA 05
	4th Floor Bathroom 4613 HA 05
Ceramic Wall Tile Grout & Adhesive	5th Floor Bathroom 5616 HA 06 & 11
	4th Floor Bathroom 4613 HA 06 & 11
Cove Base Molding & Adhesive	5th Floor Room 5616 HA 09 & 10
	4th Floor Room 4613 HA 09 & 10
Marble/Terrazzo	4th Floor Bathroom 4126 HA 12
Waterproofing Membrane	4th Floor Bathroom 4126 HA 13
	5th Floor Bathroom 5631 HA 14
	5th Floor Bathroom Shower 5616 HA 15
	4th Floor Bathroom Shower 4613 HA 15
Ceramic Floor Tile Grout & Mudset	5th Floor Bathroom/Shower 5616 HA 16, 17 & 18
	4th Floor Bathroom/Shower 4613 HA 16, 17 & 18
Concrete Slab	5th Floor Room 5616 HA 19
	4th Floor Room 4613 HA 19
12"x 12" Floor Tile & Mastic	5th Floor Room 5616 HA 20 & 21
	4th Floor Room 4613 HA 20 & 21

2.3 ACM Photos

Assumed Typical Light Fixture in Ward Bathrooms – Electrical Wiring/Insulation & Components	
Assumed Typical Outlet Covering in Ward Bathrooms - Electrical Wiring/Insulation & Components	

2.4 Summary of Identified LBP

Based on review of the data generated by the Heuresis (Viken) Corp. Pb200i 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 11, 2022

Location of LBP	LBP Component	Substrate	Color	Condition	Readings (mg/cm2)
NO Lead-based Paints identified above HUD/EPA standards of readings collected in reference to the above-mentioned scope of work.					

2.5 Summary of Identified PCB-containing Materials

Samples collected by **Adelaide** May 11, 2022

Sample #	Location / Description	Material Matrix	Color	Substrate	Analytical Result
NO suspect PCB-containing materials were observed to be impacted by the above-mentioned scope of work.					

2.6 Observations

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.

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:

- Ceiling Materials – Sheetrock, Joint Compound and Ceiling Tiles.
- Wall Materials – Sheetrock, Joint Compound, Cement Boards, Ceramic Tile System (ie. grout, adhesive, mortar, etc.), and Cove Base Molding & Adhesive.
- Flooring Materials – Marble/Terrazzo, Waterproofing Membrane (multiple types), 12" x 12" Floor Tile & Mastic, Ceramic Tile Systems (ie. grouts, mudsets, etc.) and Concrete Slab.
- Thermal System Insulation – Pipe Insulation Wrap/Covering, Mudded Fittings.
- Non-suspect Materials (not sampled) – Fiberglass Insulation, 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.

NEW YORK CITY

Asbestos Control Program (ACP), Title 15, Chapter 1 of the New York City Department of Environmental Protection (NYCDEP) regulates all asbestos abatement activities occurring within the City of New York. The ACR regulations also require asbestos surveys and abatement work to be performed by a NYCDEP certified asbestos investigator and asbestos workers, respectively.

The New York City Department of Buildings (NYCDOB) requires an ACP notification to be included with the renovation/demolition permit applications. The notification is performed using an ACP 5 or ACP 20/21 forms.

All confirmed ACM will need to be removed prior to any building renovation or demolition. The removal and disposal of ACM must be performed by a NYS-DOL licensed asbestos handling contractor in accordance with Federal, state, and local regulations. Proper notifications must be filed with the US-EPA, NYS-DOL, NYC-DEP and other regulatory agencies prior to performing such activities.

As required by the NYS-DOL and NYC-DEP regulations, the abatement project must be monitored by a NYS-DOL certified project monitor. The project monitor oversees contractor's work practices and also performs pre, during, and final clearance post abatement air sampling in accordance with the state and city regulations.

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

Heuresis (Viken) Corp. Pb200i 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 Heuresis (Viken) Corp. Pb200i 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 Heuresis (Viken) Corp. Pb200i X-Ray Fluorescence (XRF) Analyzer(s) Serial Number 2104, Source date 2/15/21, Serial number 2231, Source date 4/5/19, Serial number 2595, Source date 1/31/20 and/or Serial number 2901, Source date 2/15/21.

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.

<u>CAULK SAMPLE COLLECTION</u>
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 York Analytical Laboratories, Inc., 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.

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.

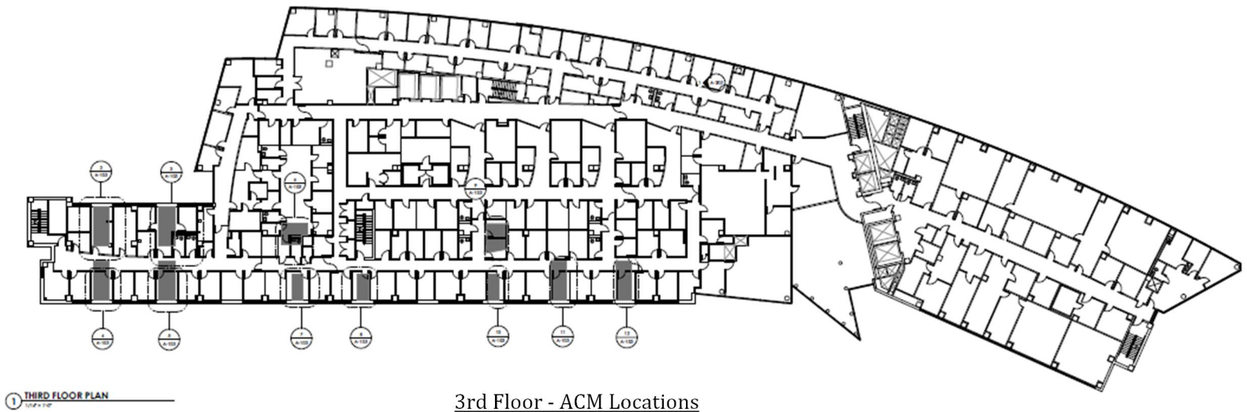
This inspection report is not intended to be used as the sole basis for soliciting pricing for asbestos abatement. An abatement plan, specification, drawing and/or Variances should be developed to identify scope, timing, phasing, and remediation means & methods for any asbestos project. The Linear and/or Square Footages (LF / SF) listed within this Report are only approximates. Abatement Contractor(s) are required to visit the building(s) in order to take actual field measurements within each listed location.

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

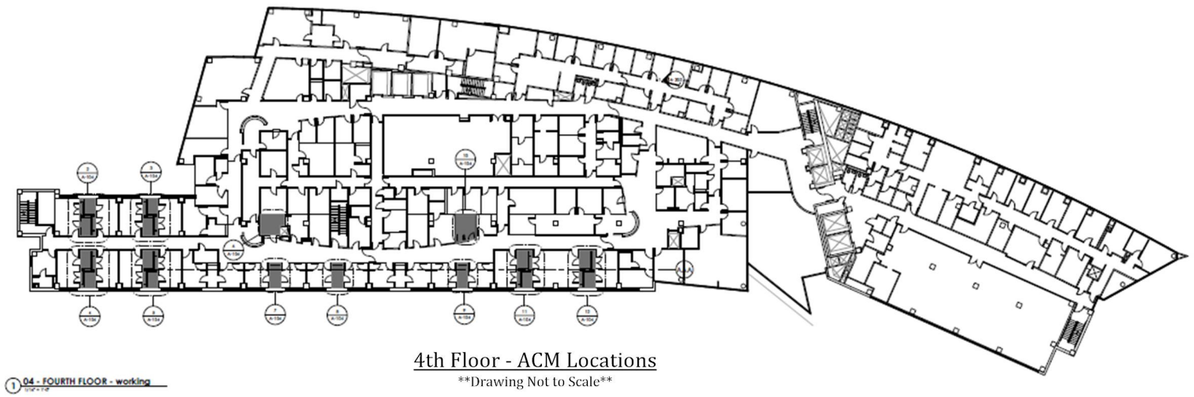
ACM LOCATION MAP(S)

Revised 09/04/2025



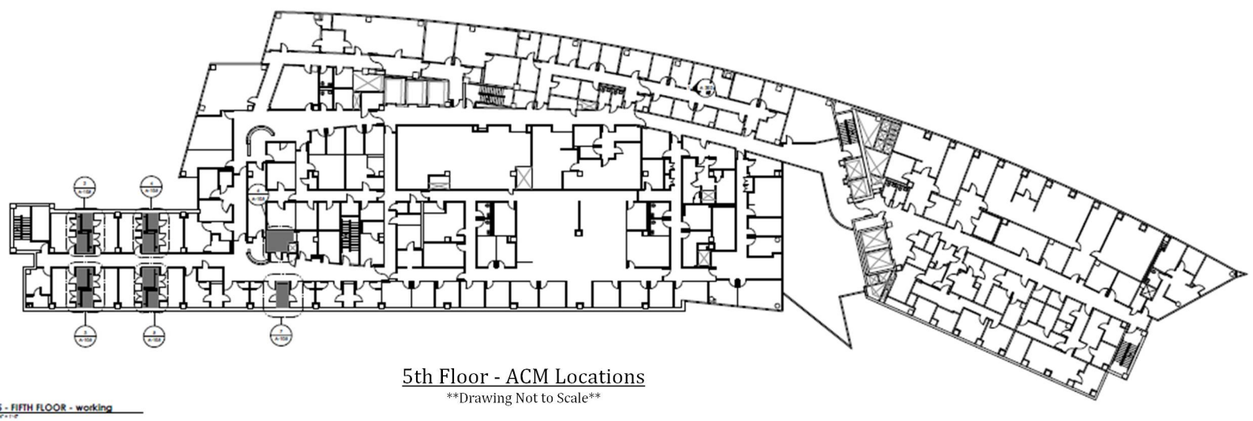
3rd Floor - ACM Locations
Drawing Not to Scale

ACM LEGEND: (see report for details)	
PACM	PACM all Electrical Wiring/Insulation & Components Throughout..



4th Floor - ACM Locations
Drawing Not to Scale

ACM LEGEND: (see report for details)	
PACM	PACM all Electrical Wiring/Insulation & Components Throughout..



5th Floor - ACM Locations
Drawing Not to Scale

ACM LEGEND: (see report for details)	
PACM	PACM all Electrical Wiring/Insulation & Components Throughout..

Adelaide ENVIRONMENTAL HEALTH
1511 Route 22
Brewster, NY 10509
Phone: (845) 278-7710
Fax: (845) 278-7750

CLIENT: **Douglas Scheu Architectural Resources**
505 Franklin Street
Buffalo, New York 14202

(Client)Project #47230

SURVEY LOCATION:
New York Psychiatric Institute
1051 Riverside Drive
New York, New York 10032

DATE: 05/20/2022

DRAWING VERSION: No. 1

ISSUED FOR:
Limited HazMat Survey

ADELAIDE PROJECT NO.:
ARCH:22146.00-IN

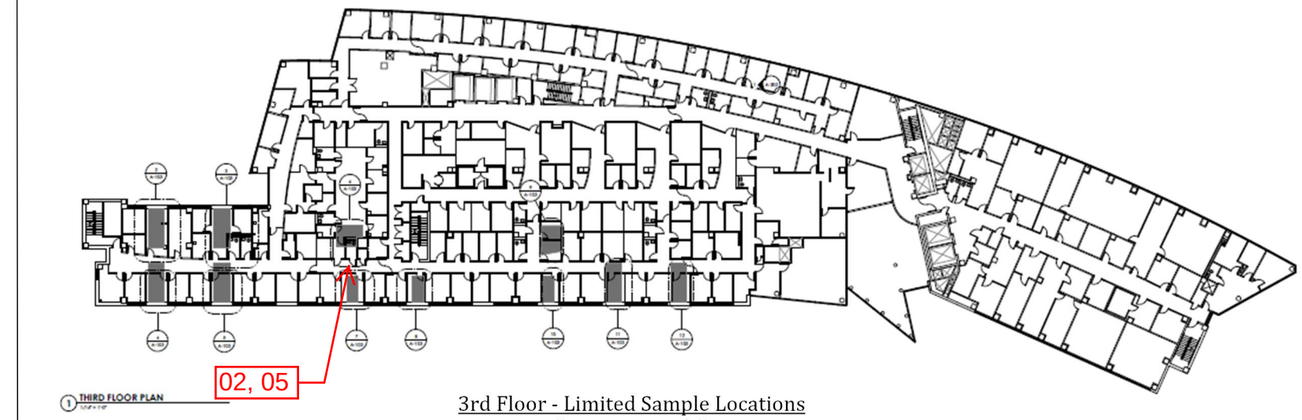
DRAWING PREPARED BY:
LNJ3

ASB-01

APPENDIX B

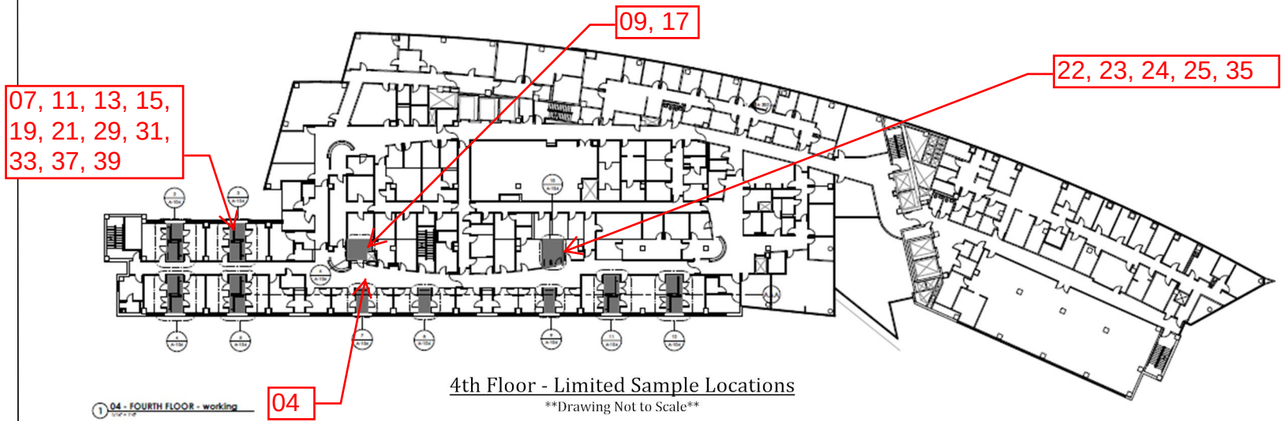
SAMPLE LOCATION MAP(S)

Revised 09/04/2025



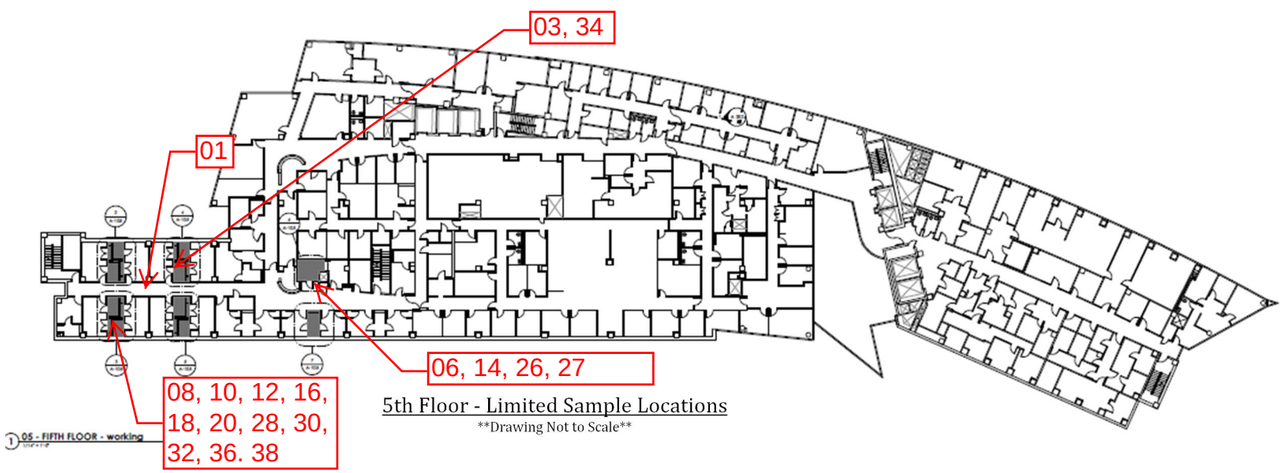
3rd Floor - Limited Sample Locations

Drawing Not to Scale



4th Floor - Limited Sample Locations

Drawing Not to Scale



5th Floor - Limited Sample Locations

Drawing Not to Scale

Adelaide ENVIRONMENTAL HEALTH
1511 Route 22
Brewster, NY 10509
Phone: (845) 278-7710
Fax: (845) 278-7750

CLIENT: **Douglas Scheu**
Architectural Resources
505 Franklin Street
Buffalo, New York 14202

(Client)Project #47230

SURVEY LOCATION:
New York Psychiatric Institute
1051 Riverside Drive
New York, New York 10032

DATE: 05/20/2022

DRAWING VERSION: No. 1

ISSUED FOR:
Limited HazMat Survey

ADELAIDE PROJECT NO.:
ARCH:22146.00-IN

DRAWING PREPARED BY:
LNJ3

SL-01

APPENDIX C

ASBESTOS ANALYTICAL RESULTS

AmeriSci Job #: **222052095**

Client Name: Adelaide Environmental Health

Table I
Summary of Bulk Asbestos Analysis Results

ARCH: 22146.00-IN; NYPI Bldg. 4 - Wall Bathrooms; 1051 Riverside Drive, New York, NY 10032, Client Project#: 47230 (Report Amended 5/13/2022)

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	0.513	14.1	49.3	36.6	NAD	NAD
Location: 5th Floor, Hallway Suspended 2 x 2 - Ceiling Tiles								
02	2	1	0.222	13.0	56.3	30.7	NAD	NAD
Location: 3rd Floor, Hallway Suspended 2 x 2 - Ceiling Tiles								
03	3	2	----	----	----	----	NAD	NA
Location: 5th Floor, Room 5613 Bath Above Sheetrock On FG Insulation - Pipe Wrap								
04	4	2	----	----	----	----	NAD	NA
Location: 4th Floor, Hallway Above Suspended Tiles ON FG Insulation - Pipe Wrap								
05	5	2	----	----	----	----	NAD	NA
Location: 3rd Floor, Hallway Above Suspended Tiles ON FG Insulation - Pipe Wrap								
06	6	3	----	----	----	----	NAD	NA
Location: 5th Floor, Rm 5631, Ceiling - Sheetrock								
07	7	3	----	----	----	----	NAD	NA
Location: 4th Floor, Rm 4613, Ceiling - Sheetrock								
08	8	4	----	----	----	----	NAD	NA
Location: 5th Floor, Rm 5616, Wall - Sheetrock								
09	9	4	----	----	----	----	NAD	NA
Location: 4th Floor, Rm 4631, Wall - Sheetrock								
10	10	5	----	----	----	----	NAD	NA
Location: 5th Floor, Rm 5616 Bath Wall - Cement Board								
11	11	5	----	----	----	----	NAD	NA
Location: 4th Floor, Rm 4613 Bath Wall - Cement Board								
12	12	6	----	----	----	----	NAD	NA
Location: 5th Floor, Rm 5616 Bath Wall - Ceramic Tile - Grout								
13	13	6	----	----	----	----	NAD	NA
Location: 4th Floor, Rm 4613 Bath Wall - Ceramic Tile - Grout								
14	14	7	----	----	----	----	NAD	NA
Location: 5th Floor, Rm 5631 On Sheetrock Ceiling - Joint Compound								
15	15	7	----	----	----	----	NAD	NA
Location: 4th Floor, Rm 4613 On Sheetrock Ceiling - Joint Compound								
16	16	8	----	----	----	----	NAD	NA
Location: 5th Floor, Rm 5616 On Sheetrock Ceiling - Joint Compound								

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results

ARCH: 22146.00-IN; NYPI Bldg. 4 - Wall Bathrooms; 1051 Riverside Drive, New York, NY 10032, Client Project#: 47230 (Report Amended 5/13/2022)

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	8	----	----	----	----	NAD	NA
Location: 4th Floor, Rm 4631 On Sheetrock Ceiling - Joint Compound								
18L1	18	9/10	0.301	36.9	62.7	0.5	NAD	NAD
Location: 5th Floor, Rm 5616 On Sheetrock Wall - Cove Base Molding & Adhesive - Cove Base								
18L2	18	9/10	0.313	28.3	50.4	21.3	NAD	NAD
Location: 5th Floor, Rm 5616 On Sheetrock Wall - Cove Base Molding & Adhesive - Adhesive								
19L1	19	9/10	0.206	52.0	37.5	10.5	NAD	NAD
Location: 4th Floor, Rm 4613 On Sheetrock Wall - Cove Base Molding & Adhesive - Cove Base								
19L2	19	9/10	0.215	46.0	36.6	17.4	NAD	NAD
Location: 4th Floor, Rm 4613 On Sheetrock Wall - Cove Base Molding & Adhesive - Adhesive								
20	20	11	0.229	21.1	63.2	15.7	NAD	NAD
Location: 5th Floor, Rm 5616, On Cement Board Wall - Ceramic Tile - Adhesive								
21	21	11	0.313	19.3	59.3	21.3	NAD	NAD
Location: 4th Floor, Rm 4613, ON Cement Board Wall - Ceramic Tile - Adhesive								
22	22	12	----	----	----	----	NAD	NA
Location: 4th Floor, Rm 4126 Shower Bann - Marble / Terrazzo								
23	23	12	----	----	----	----	NAD	NA
Location: 4th Floor, Rm 4126 Shower Bann - Marble / Terrazzo								
24	24	13	0.272	79.9	14.3	5.8	NAD	NAD
Location: 4th Floor, Rm 4126 Floor Bottom Layer - Water Proofing Membrane								
25	25	13	0.200	83.5	9.0	7.5	NAD	NAD
Location: 4th Floor, Rm 4126 Floor Bottom Layer - Water Proofing Membrane								
26	26	14	0.160	76.0	20.9	3.1	NAD	NAD
Location: 5th Floor, Rm 5631 Floor Under Ceramic Tile - Waterproofing Membrane								
27	27	14	0.191	68.2	28.4	3.4	NAD	NAD
Location: 5th Floor, Rm 5631 Floor Under Ceramic Tile - Waterproofing Membrane								
28	28	15	0.335	84.3	8.1	7.6	NAD	NAD
Location: 5th Floor, Rm 5616 Shower Under Ceramic Tile Floor - Waterproofing Membrane								
29	29	15	0.443	69.4	14.0	16.7	NAD	NAD
Location: 4th Floor, Rm 4613 Shower Under Ceramic Tile Floor - Waterproofing Membrane								
30	30	16	----	----	----	----	NAD	NA
Location: 5th Floor, Rm 5616 Shower Bottom Layer Floor Ceramic Tile - Mudset								

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results

ARCH: 22146.00-IN; NYPI Bldg. 4 - Wall Bathrooms; 1051 Riverside Drive, New York, NY 10032, Client Project#: 47230 (Report Amended 5/13/2022)

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
31	31	16	----	----	----	----	NAD	NA
Location: 4th Floor, Rm 4613 Shower Bottom Layer Floor Ceramic Tile - Mudset								
32	32	17	----	----	----	----	NAD	NA
Location: 5th Floor, Rm 5616 Bath / Shower Floor - Ceramic Tile - Grout								
33	33	17	----	----	----	----	NAD	NA
Location: 4th Floor, Rm 4613 Bath / Shower Floor - Ceramic Tile - Grout								
34	34	18	----	----	----	----	NAD	NA
Location: 5th Floor, Rm 5613 Bath Floor - Ceramic Tile - Mudset								
35	35	18	----	----	----	----	NAD	NA
Location: 4th Floor, Rm 4126 Bath Floor - Ceramic Tile - Mudset								
36	36	19	----	----	----	----	NAD	NA
Location: 5th Floor, Rm 5616 Floor - Concrete Slab								
37	37	19	----	----	----	----	NAD	NA
Location: 4th Floor, Rm 4613 Floor - Concrete Slab								
38L1	38	20/21	0.342	12.5	83.2	4.3	NAD	NAD
Location: 5th Floor, Rm 5616 Floor - 12 x 12 - Floor Tile & Mastic - Floor Tile								
38L2	38	20/21	0.334	34.9	46.6	18.6	NAD	NAD
Location: 5th Floor, Rm 5616 Floor - 12 x 12 - Floor Tile & Mastic - Mastic								
39L1	39	20/21	0.240	12.8	83.1	4.1	NAD	NAD
Location: 4th Floor, Rm 4613 Floor - 12 x 12 - Floor Tile & Mastic - Floor Tile								
39L2	39	20/21	0.314	56.0	23.2	20.8	NAD	NAD
Location: 4th Floor, Rm 4613 Floor - 12 x 12 - Floor Tile & Mastic - Mastic								

See Reporting notes on last page

AmeriSci Job #: **222052095**

Client Name: Adelaide Environmental Health

Table I
Summary of Bulk Asbestos Analysis Results

ARCH: 22146.00-IN; NYPI Bldg. 4 - Wall Bathrooms; 1051 Riverside Drive, New York, NY 10032, Client Project#: 47230 (Report Amended 5/13/2022)

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: Khaalid W. Perine
Date: 5/13/2022

Reviewed by: Paul J. Mucha

**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 H7000-Noran 7 System, Microscope, Serial #: 747-05-06. 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).

Revised 09/04/2025

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 05/12/22
Date Examined 05/12/22
ELAP # 11480

AmeriSci Job # 222052095
P.O. #
Page 1 **of** 8

RE: ARCH: 22146.00-IN; NYPI Bldg. 4 - Wall Bathrooms; 1051 Riverside Drive, New York, NY 10032, Client Project#: 47230 (Report Amended 5/13/2022)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
1 1	222052095-01 **Location:** 5th Floor, Hallway Suspended 2 x 2 - Ceiling Tiles	***No***	NAD (by NYS ELAP 198.6) by Khaalid W. Perine on 05/12/22
Analyst Description: White/Grey, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 36.6%			
2 1	222052095-02 **Location:** 3rd Floor, Hallway Suspended 2 x 2 - Ceiling Tiles	***No***	NAD (by NYS ELAP 198.6) by Khaalid W. Perine on 05/12/22
Analyst Description: White/Grey, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 30.7%			
3 2	222052095-03 **Location:** 5th Floor, Room 5613 Bath Above Sheetrock On FG Insulation - Pipe Wrap	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/12/22
Analyst Description: White/Silver, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 45%, Fibrous glass 20%, Non-fibrous 35%			
4 2	222052095-04 **Location:** 4th Floor, Hallway Above Suspended Tiles ON FG Insulation - Pipe Wrap	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/13/22
Analyst Description: White/Silver, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 45%, Fibrous glass 15%, Non-fibrous 40%			
5 2	222052095-05 **Location:** 3rd Floor, Hallway Above Suspended Tiles ON FG Insulation - Pipe Wrap	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/13/22
Analyst Description: White/Silver, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 45%, Fibrous glass 20%, Non-fibrous 35%			

See Reporting notes on last page

AmeriSci Job #: **222052095**
Client Name: Adelaide Environmental Health

PLM Bulk Asbestos Report

ARCH: 22146.00-IN; NYPI Bldg. 4 - Wall Bathrooms; 1051 Riverside Drive, New York, NY 10032, Client Project#: 47230
(Report Amended 5/13/2022)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
6 3	222052095-06 **Location:** 5th Floor, Rm 5631, Ceiling - Sheetrock	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/13/22
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose Trace, Fibrous glass 10%, Non-fibrous 90%			
7 3	222052095-07 **Location:** 4th Floor, Rm 4613, Ceiling - Sheetrock	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/13/22
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 5%, Fibrous glass 10%, Non-fibrous 85%			
8 4	222052095-08 **Location:** 5th Floor, Rm 5616, Wall - Sheetrock	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/13/22
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 5%, Fibrous glass 5%, Non-fibrous 90%			
9 4	222052095-09 **Location:** 4th Floor, Rm 4631, Wall - Sheetrock	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/13/22
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 5%, Fibrous glass 5%, Non-fibrous 90%			
10 5	222052095-10 **Location:** 5th Floor, Rm 5616 Bath Wall - Cement Board	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/13/22
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
11 5	222052095-11 **Location:** 4th Floor, Rm 4613 Bath Wall - Cement Board	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/13/22
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			

See Reporting notes on last page

PLM Bulk Asbestos Report

ARCH: 22146.00-IN; NYPI Bldg. 4 - Wall Bathrooms; 1051 Riverside Drive, New York, NY 10032, Client Project#: 47230
(Report Amended 5/13/2022)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
12 6	222052095-12 **Location:** 5th Floor, Rm 5616 Bath Wall - Ceramic Tile - Grout	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/13/22
Analyst Description: White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
13 6	222052095-13 **Location:** 4th Floor, Rm 4613 Bath Wall - Ceramic Tile - Grout	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/13/22
Analyst Description: White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
14 7	222052095-14 **Location:** 5th Floor, Rm 5631 On Sheetrock Ceiling - Joint Compound	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/13/22
Analyst Description: Lt. Grey, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
15 7	222052095-15 **Location:** 4th Floor, Rm 4613 On Sheetrock Ceiling - Joint Compound	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/13/22
Analyst Description: Lt. Grey, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
16 8	222052095-16 **Location:** 5th Floor, Rm 5616 On Sheetrock Ceiling - Joint Compound	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/13/22
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
17 8	222052095-17 **Location:** 4th Floor, Rm 4631 On Sheetrock Ceiling - Joint Compound	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/13/22
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			

See Reporting notes on last page

PLM Bulk Asbestos Report

ARCH: 22146.00-IN; NYPI Bldg. 4 - Wall Bathrooms; 1051 Riverside Drive, New York, NY 10032, Client Project#: 47230
(Report Amended 5/13/2022)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
18 9/10	222052095-18L1 **Location:** 5th Floor, Rm 5616 On Sheetrock Wall - Cove Base Molding & Adhesive - Cove Base	***No***	NAD (by NYS ELAP 198.6) by Khaalid W. Perine on 05/13/22
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 0.5%			
18 9/10	222052095-18L2 **Location:** 5th Floor, Rm 5616 On Sheetrock Wall - Cove Base Molding & Adhesive - Adhesive	***No***	NAD (by NYS ELAP 198.6) by Khaalid W. Perine on 05/13/22
Analyst Description: Cream, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 21.3%			
19 9/10	222052095-19L1 **Location:** 4th Floor, Rm 4613 On Sheetrock Wall - Cove Base Molding & Adhesive - Cove Base	***No***	NAD (by NYS ELAP 198.6) by Khaalid W. Perine on 05/13/22
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 10.5%			
19 9/10	222052095-19L2 **Location:** 4th Floor, Rm 4613 On Sheetrock Wall - Cove Base Molding & Adhesive - Adhesive	***No***	NAD (by NYS ELAP 198.6) by Khaalid W. Perine on 05/13/22
Analyst Description: Cream, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 17.4%			
20 11	222052095-20 **Location:** 5th Floor, Rm 5616, On Cement Board Wall - Ceramic Tile - Adhesive	***No***	NAD (by NYS ELAP 198.6) by Khaalid W. Perine on 05/13/22
Analyst Description: Lt. Grey, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 15.7%			
21 11	222052095-21 **Location:** 4th Floor, Rm 4613, ON Cement Board Wall - Ceramic Tile - Adhesive	***No***	NAD (by NYS ELAP 198.6) by Khaalid W. Perine on 05/13/22
Analyst Description: Lt. Grey, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 21.3%			

See Reporting notes on last page

PLM Bulk Asbestos Report

ARCH: 22146.00-IN; NYPI Bldg. 4 - Wall Bathrooms; 1051 Riverside Drive, New York, NY 10032, Client Project#: 47230
(Report Amended 5/13/2022)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
22 12	222052095-22 **Location:** 4th Floor, Rm 4126 Shower Bann - Marble / Terrazzo	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/13/22
Analyst Description: White/Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
23 12	222052095-23 **Location:** 4th Floor, Rm 4126 Shower Bann - Marble / Terrazzo	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/13/22
Analyst Description: White/Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
24 13	222052095-24 **Location:** 4th Floor, Rm 4126 Floor Bottom Layer - Water Proofing Membrane	***No***	NAD (by NYS ELAP 198.6) by Khaalid W. Perine on 05/13/22
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 5.8%			
25 13	222052095-25 **Location:** 4th Floor, Rm 4126 Floor Bottom Layer - Water Proofing Membrane	***No***	NAD (by NYS ELAP 198.6) by Khaalid W. Perine on 05/13/22
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 7.5%			
26 14	222052095-26 **Location:** 5th Floor, Rm 5631 Floor Under Ceramic Tile - Waterproofing Membrane	***No***	NAD (by NYS ELAP 198.6) by Khaalid W. Perine on 05/13/22
Analyst Description: Orange, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 3.1%			
27 14	222052095-27 **Location:** 5th Floor, Rm 5631 Floor Under Ceramic Tile - Waterproofing Membrane	***No***	NAD (by NYS ELAP 198.6) by Khaalid W. Perine on 05/13/22
Analyst Description: Orange, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 3.4%			

See Reporting notes on last page

PLM Bulk Asbestos Report

ARCH: 22146.00-IN; NYPI Bldg. 4 - Wall Bathrooms; 1051 Riverside Drive, New York, NY 10032, Client Project#: 47230
(Report Amended 5/13/2022)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
28 15	222052095-28 **Location:** 5th Floor, Rm 5616 Shower Under Ceramic Tile Floor - Waterproofing Membrane	***No***	NAD (by NYS ELAP 198.6) by Khaalid W. Perine on 05/13/22
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 7.6%			
29 15	222052095-29 **Location:** 4th Floor, Rm 4613 Shower Under Ceramic Tile Floor - Waterproofing Membrane	***No***	NAD (by NYS ELAP 198.6) by Khaalid W. Perine on 05/13/22
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 16.7%			
30 16	222052095-30 **Location:** 5th Floor, Rm 5616 Shower Bottom Layer Floor Ceramic Tile - Mudset	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/13/22
Analyst Description: Lt. Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
31 16	222052095-31 **Location:** 4th Floor, Rm 4613 Shower Bottom Layer Floor Ceramic Tile - Mudset	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/13/22
Analyst Description: Lt. Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
32 17	222052095-32 **Location:** 5th Floor, Rm 5616 Bath / Shower Floor - Ceramic Tile - Grout	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/13/22
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
33 17	222052095-33 **Location:** 4th Floor, Rm 4613 Bath / Shower Floor - Ceramic Tile - Grout	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/13/22
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			

See Reporting notes on last page

PLM Bulk Asbestos Report

ARCH: 22146.00-IN; NYPI Bldg. 4 - Wall Bathrooms; 1051 Riverside Drive, New York, NY 10032, Client Project#: 47230
(Report Amended 5/13/2022)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
34 18	222052095-34 **Location:** 5th Floor, Rm 5613 Bath Floor - Ceramic Tile - Mudset	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/13/22
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
35 18	222052095-35 **Location:** 4th Floor, Rm 4126 Bath Floor - Ceramic Tile - Mudset	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/13/22
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 10%, Non-fibrous 90%			
36 19	222052095-36 **Location:** 5th Floor, Rm 5616 Floor - Concrete Slab	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/13/22
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
37 19	222052095-37 **Location:** 4th Floor, Rm 4613 Floor - Concrete Slab	***No***	NAD (by NYS ELAP 198.1) by Khaalid W. Perine on 05/13/22
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
38 20/21	222052095-38L1 **Location:** 5th Floor, Rm 5616 Floor - 12 x 12 - Floor Tile & Mastic - Floor Tile	***No***	NAD (by NYS ELAP 198.6) by Khaalid W. Perine on 05/13/22
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 4.3%			
38 20/21	222052095-38L2 **Location:** 5th Floor, Rm 5616 Floor - 12 x 12 - Floor Tile & Mastic - Mastic	***No***	NAD (by NYS ELAP 198.6) by Khaalid W. Perine on 05/13/22
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 18.6%			

See Reporting notes on last page

AmeriSci Job #: **222052095**
Client Name: Adelaide Environmental Health

PLM Bulk Asbestos Report

ARCH: 22146.00-IN; NYPI Bldg. 4 - Wall Bathrooms; 1051 Riverside Drive, New York, NY 10032, Client Project#: 47230
(Report Amended 5/13/2022)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
39 20/21	222052095-39L1 **Location:** 4th Floor, Rm 4613 Floor - 12 x 12 - Floor Tile & Mastic - Floor Tile	***No***	NAD (by NYS ELAP 198.6) by Khaalid W. Perine on 05/13/22
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 4.1%			
39 20/21	222052095-39L2 **Location:** 4th Floor, Rm 4613 Floor - 12 x 12 - Floor Tile & Mastic - Mastic	***No***	NAD (by NYS ELAP 198.6) by Khaalid W. Perine on 05/13/22
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 20.8%			

Reporting Notes:

Analyzed by: Khaalid W. Perine
Date: 5/12/2022

Reviewed by: Paul J. Mucha

*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 Leicia, Model DMEP Pol Scope, Microscope, Serial #: 13595, 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_____

Revised 09/04/2025

Adelaide Environmental Health Associates, Inc
1511 Route 22, Suite C24
Brewster, NY 10509
845-278-7710
845-278-7750 - fax

222052095

Site Address: NYPI Bldg 4 - Bathrooms W2
1051 Riverside Drive
New York, NY. 10032

Date: 5/11/2022
Client Project #: 47230
Project #: ARCH. 22146.00-IN

Inspector(s): **Louis N. Johnson III**

Sample ID #	Homogeneous Area	Floor Level	Sample Location/Description	Quantity (In Feet)	Friable NonFriable	Condition g, d, sd
1	1	5th	Hallway suspended 2x2 - Ceiling Tiles		F	G
2	1	3rd	" " " - " "		F	G
3	2	5th	Room 5613 Bath Above sheetrock on FG Insulation - Pipe wrap		F	
4	2	4th	Hallway above suspended Tiles on FS Insulation - "		"	
5	2	3rd	" " " " " " " " - "		"	
6	3	5th	Rm 5631, Ceiling - Sheetrock		"	
7	3	4th	Rm 4613, " - "		"	
8	4	5th	Rm 5616, Wall - "		"	
9	4	4th	Rm 4631, Wall - "		"	
10	5	5th	Rm 5616 Bath Wall - Cement Board		"	
11	5	4th	Rm 4613 " " - " "		"	
12	6	5th	Rm 5616 " " Ceramic Tile - Grout		"	P
13	6	4th	Rm 4613 " " " " - "		"	

Special Instructions/ Turnaround Time:

2 Y/AR TAT

Stop at 1st Positive per Homogenous Area

E-Mail Results to AdelaideLabResults@adelaidellc.com & ljohnson@adelaidellc.com

Relinquished by:
Received by: J Byrne 5/12/22 1100
Relinquished by:
Received by:

Revised 09/04/2025

Adelaide Environmental Health Associates, Inc
1511 Route 22, Suite C24
Brewster, NY 10509
845-278-7710
845-278-7750 - fax

222052095

Site Address: NYPI Bldg 4 – Bathrooms	Date: 5/11/2022	Inspector(s): Louis N. Johnson III
1051 Riverside Drive	Client Project #: 47230	
New York NY 10032	Project #: ARCH: 22146.00 IN	

Sample ID #	Homogeneous Area	Floor Level	Sample Location/Description	Quantity (In Feet)	Friable NonFriable	Condition g, d, sd
14	7	5th	Rm 5631 on Sheetrock Ceiling – Joint Compound		F	G
15	7	4th	Rm 4613 on " " – " "		"	
16	8	5th	Rm 5616 " " Wall – " "		"	
17	8	4th	Rm 4631 " " " – " "		"	
18	9/10	5th	Rm 5616 on Sheetrock wall – Cove Base Molding Adhesive		NF	
19	9/10	4th	Rm 4613 " " " – " "		"	
20	11	5th	Rm 5616, on Cement Board wall ceramic Tile – Adhesive		"	
21	11	4th	Rm 4613, " " " " " " – "		"	
22	12	4th	Rm 4126 Shower Base – Marble/Terrazzo		F	
23	12	"	" " " " – " "		"	
24	13	"	" " Floor Bottom Layer – waterproofing membrane		NF	
25	13	"	" " " " " – " "		"	

Special Instructions/ Turnaround Time:

Stop at 1st Positive per Homogenous Area 24HR TAT

E-Mail Results to AdelaideLabResults@adelaidellc.com & ljohnson@adelaidellc.com

Relinquished by:
Received by: J. Byrne 5/12/22 1100
Relinquished by:
Received by:

Adelaide Environmental Health Associates, Inc
1511 Route 22, Suite C24
Brewster, NY 10509
845-278-7710
845-278-7750 - fax

222052095

Site Address: NYPI Bldg 4 - Bathrooms
1051 Riverside Drive
New York, NY 10032

Date: 5/11/2022

Client Project #: 47230

Project #: ARCH.22146.00-IN

Inspector(s): **Louis N. Johnson III**

Sample ID #	Homogeneous Area	Floor Level	Sample Location/Description	Quantity (In Feet)	Friable NonFriable	Condition g, d, sd
26	14	5th	Rm 5631 Floor under ceramic Tile - Water Proofing membrane		NF	G
27	14	11	11 11 11 11 11 11 - 11 11 11		11	
28	15	11	Rm 5616 Shower under ceramic Tile Floor - 11 11		11	
29	15	4th	Rm 4613 11 11 11 11 11 - 11 11		11	
30	16	5th	Rm 5616 Shower Bottom Layer Floor - ceramic Tile - Mudset		F	
31	16	4th	Rm 4613 11 11 11 11 - 11 11 - 11		11	
32	17	5th	Rm 5616 Bath/Shower Floor - ceramic Tile - grout		F	
33	17	4th	Rm 4613 11 11 - 11 11 - 11		11	
34	18	5th	Rm 5613 Bath Floor - ceramic Tile - Mudset		11	
35	18	4th	Rm 4126 11 11 - 11 11 - 11		11	
36	19	5th	Rm 5616 Floor - concrete slab		11	
37	19	4th	Rm 4613 11 - 11 11		11	

Special Instructions/ Turnaround Time:

Stop at 1st Positive per Homogenous Area 24HR TAT

E-Mail Results to AdelaideLabResults@adelaidellc.com & ljohnson@adelaidellc.com

Relinquished by:

Received by: J. Byrne 5/12/22 1100

Relinquished by:

Received by:

Revised 09/04/2025

Adelaide Environmental Health Associates, Inc
1511 Route 22, Suite C24
Brewster, NY 10509
845-278-7710
845-278-7750 - fax

222052095

Site Address: NYPI Bldg 4 - Bathrooms
1051 Riverside Drive
New York, NY 10032

Date: 5-11-2022
Client Project #: 47230
Project #: ARCHI 22146.00-IN

Inspector(s): **Louis N. Johnson III**

Sample ID #	Homogeneous Area	Floor Level	Sample Location/Description	Quantity (In Feet)	Friable NonFriable	Condition g, d, sd
38	20/21	5th	Rm 5616 - Floor, 12x12 - Floor Tile + mastic		NF	G
39	2+21	4th	Rm 4613 - 1t, 11 - 11 11 + 11		11	G

Special Instructions/ Turnaround Time:

Stop at 1st Positive per Homogenous Area 24Hr TAT

E-Mail Results to AdelaideLabResults@adelaidellc.com & ljohnson@adelaidellc.com

Relinquished by:
Received by: J Byrne 5/12/22 1100
Relinquished by:
Received by:

APPENDIX D

XRF READINGS

Adelaide Environmental Heath Associates Inc.
1511 Route 22, Suite C-24
Brewster, New York 10509
Adelaide Project #ARCH:22146.00-IN
OGS Project #47230
Project Name: New York Psychiatric Institute – Building 5
Renovate Ward Bathrooms 4th & 5th Floors
Inspector: Louis N. Johnson III

Reading #	Date	Time	Space Type	Floor	Room	Component	Side	Substrate	Color	Condition	Lead Concentration (mg/cm2)	Result
1	**5/11/2022**	**12:01:16**			**Calibration**						**1.1**	**Positive**
2	**5/11/2022**	**12:01:54**			**Calibration**						**1.1**	**Positive**
3	**5/11/2022**	**12:02:31**			**Calibration**						**1.1**	**Positive**
4	5/11/2022	12:04:40	NYPI	5th Floor	Bathroom 5616	Wall Upper		Concrete	White	Intact	0.3	Negative
5	5/11/2022	12:05:12	NYPI	5th Floor	Bathroom 5616	Wall Lower		Ceramic	White	Intact	-0.1	Negative
6	5/11/2022	12:05:51	NYPI	5th Floor	Bathroom 5616	Wall Lower		Ceramic	Blue	Intact	-0.1	Negative
7	5/11/2022	12:06:36	NYPI	5th Floor	Bathroom 5616	Ceiling		Sheetrock	White	Intact	0.2	Negative
8	5/11/2022	12:07:05	NYPI	5th Floor	Bathroom 5616	Wall		Sheetrock	White	Intact	0	Negative
9	5/11/2022	12:07:45	NYPI	5th Floor	Bathroom 5616	Door Case		Metal	White	Intact	0.3	Negative
10	5/11/2022	12:09:34	NYPI	5th Floor	Bathroom 5613	Door Case		Metal	White	Intact	0.1	Negative
11	5/11/2022	12:10:04	NYPI	5th Floor	Bathroom 5613	Wall		Sheetrock	White	Intact	0.1	Negative
12	5/11/2022	12:10:28	NYPI	5th Floor	Bathroom 5613	Ceiling		Sheetrock	White	Intact	0	Negative
13	5/11/2022	12:11:04	NYPI	5th Floor	Bathroom 5613	Wall Upper		Concrete	White	Intact	0.3	Negative
14	5/11/2022	12:11:31	NYPI	5th Floor	Bathroom 5613	Wall Lower		Ceramic	White	Intact	-0.4	Negative
15	5/11/2022	12:12:02	NYPI	5th Floor	Bathroom 5613	Wall Lower		Ceramic	Blue	Intact	-0.2	Negative
16	5/11/2022	12:12:33	NYPI	5th Floor	Bathroom 5613	Floor		Ceramic	Grey	Intact	0.2	Negative
17	5/11/2022	12:13:40	NYPI	5th Floor	Hallway	Wall		Sheetrock	White	Intact	0.1	Negative
18	5/11/2022	12:14:00	NYPI	5th Floor	Hallway	Wall		Sheetrock	White	Intact	0.1	Negative
19	5/11/2022	12:15:15	NYPI	5th Floor	Bathroom 5623	Wall		Sheetrock	White	Intact	0	Negative
20	5/11/2022	12:15:49	NYPI	5th Floor	Bathroom 5623	Ceiling		Sheetrock	White	Intact	0.3	Negative
21	5/11/2022	12:16:24	NYPI	5th Floor	Bathroom 5623	Wall Upper		Concrete	White	Intact	0.3	Negative
22	5/11/2022	12:16:55	NYPI	5th Floor	Bathroom 5623	Wall Lower		Ceramic	White	Intact	0	Negative
23	5/11/2022	12:17:27	NYPI	5th Floor	Bathroom 5623	Wall Lower		Ceramic	Blue	Intact	-0.1	Negative
24	5/11/2022	12:17:57	NYPI	5th Floor	Bathroom 5623	Floor		Ceramic	Grey	Intact	0.4	Negative
25	5/11/2022	12:18:46	NYPI	5th Floor	Bathroom 5623	Door Case		Metal	White	Intact	0.2	Negative
26	5/11/2022	12:20:04	NYPI	5th Floor	Bathroom 5631	Floor		Ceramic	Red	Intact	-0.1	Negative
27	5/11/2022	13:22:06	NYPI	4th Floor	Bathroom 4617	Floor		Ceramic	Grey	Intact	0.5	Negative
28	5/11/2022	13:22:45	NYPI	4th Floor	Bathroom 4617	Wall Lower		Ceramic	Blue	Intact	0	Negative
29	5/11/2022	13:23:24	NYPI	4th Floor	Bathroom 4617	Wall Lower		Ceramic	White	Intact	-0.1	Negative
30	5/11/2022	13:24:08	NYPI	4th Floor	Bathroom 4617	Wall Upper		Concrete	Grey	Intact	0.2	Negative
31	5/11/2022	13:24:42	NYPI	4th Floor	Bathroom 4617	Wall		Sheetrock	White	Intact	0.2	Negative
32	5/11/2022	13:25:07	NYPI	4th Floor	Bathroom 4617	Ceiling		Sheetrock	White	Intact	0.4	Negative
33	5/11/2022	13:26:33	NYPI	4th Floor	Bathroom 4617	Toilet		porcelain	White	Intact	0	Negative
34	5/11/2022	13:27:32	NYPI	4th Floor	Bathroom 4617	Sink		porcelain	White	Intact	-0.5	Negative
35	5/11/2022	13:47:15	NYPI	4th Floor	Bathroom 4126	Sink		porcelain	White	Intact	0.1	Negative
36	5/11/2022	13:48:04	NYPI	4th Floor	Bathroom 4126	Tub		Metal	White	Intact	0.1	Negative
37	5/11/2022	13:48:58	NYPI	4th Floor	Bathroom 4126	Floor		Ceramic	Grey	Intact	0.2	Negative
38	5/11/2022	13:49:43	NYPI	4th Floor	Bathroom 4126	Wall Lower		Ceramic	White	Intact	-0.1	Negative
39	5/11/2022	13:50:11	NYPI	4th Floor	Bathroom 4126	Wall Upper		Concrete	White	Intact	0.4	Negative

Adelaide Environmental Heath Associates Inc.
1511 Route 22, Suite C-24
Brewster, New York 10509
Adelaide Project #ARCH:22146.00-IN
OGS Project #47230
Project Name: New York Psychiatric Institute – Building 5
Renovate Ward Bathrooms 4th & 5th Floors
Inspector: Louis N. Johnson III

Reading #	Date	Time	Space Type	Floor	Room	Component	Side	Substrate	Color	Condition	Lead Concentration (mg/cm2)	Result
40	5/11/2022	13:50:39	NYPI	4th Floor	Bathroom 4126	Door		Metal	White	Intact	0.1	Negative
41	5/11/2022	13:51:16	NYPI	4th Floor	Bathroom 4126	Door Case		Metal	White	Intact	0.2	Negative
42	5/11/2022	13:51:47	NYPI	4th Floor	Bathroom 4126	Ceiling		Sheetrock	White	Intact	0	Negative
43	5/11/2022	13:52:21	NYPI	4th Floor	Hallway	Wall		Sheetrock	White	Intact	0	Negative
44	5/11/2022	13:52:39	NYPI	4th Floor	Hallway	Wall		Sheetrock	White	Intact	0	Negative
45	5/11/2022	13:53:54	NYPI	4th Floor	Bathroom 4119-4118	Wall		Concrete	White	Intact	0.4	Negative
46	5/11/2022	13:54:18	NYPI	4th Floor	Bathroom 4119-4118	Wall		Ceramic	White	Intact	-0.5	Negative
47	5/11/2022	13:54:48	NYPI	4th Floor	Bathroom 4119-4118	Ceiling		Sheetrock	White	Intact	0.2	Negative
48	5/11/2022	13:55:21	NYPI	4th Floor	Bathroom 4119-4118	Door Case		Metal	White	Intact	0.2	Negative
49	5/11/2022	13:56:13	NYPI	4th Floor	Bathroom 4119-4118	Floor		Ceramic	Grey	Intact	0.5	Negative
50	5/11/2022	13:57:48	NYPI	3rd Floor	Hallway	Wall		Sheetrock	White	Intact	0.1	Negative
51	5/11/2022	13:58:06	NYPI	3rd Floor	Hallway	Wall		Sheetrock	White	Intact	0.1	Negative
52	**5/11/2022**	**13:58:41**			**Calibration**						**1.1**	**Positive**
53	**5/11/2022**	**13:59:20**			**Calibration**						**1.2**	**Positive**
54	**5/11/2022**	**13:59:58**			**Calibration**						**1.1**	**Positive**

APPENDIX E

PERSONNEL AND LABORATORY CERTIFICATIONS

Revised 09/04/2025

New York State – Department of Labor
Division of Safety and Health
License and Certificate Unit
State Campus, Building 12
Albany, NY 12240

ASBESTOS HANDLING LICENSE

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

Brewster, NY 10509

FILE NUMBER: 99-0656
LICENSE NUMBER: 29305
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 06/02/2021
EXPIRATION DATE: 07/31/2022

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

SH 432 (8/12)

Revised 09/04/2025

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, 2022

NAT-15081-2

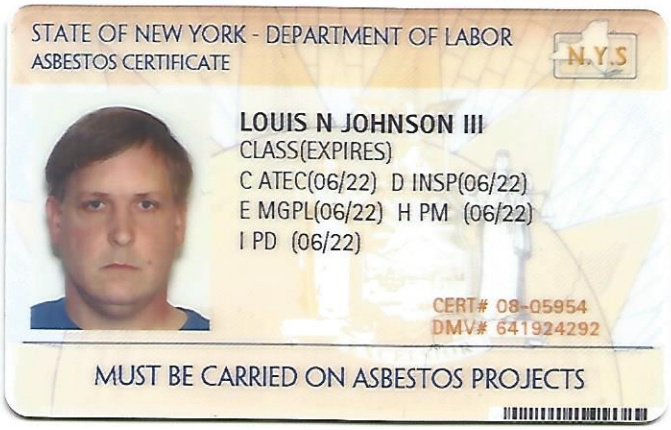
Certification #

June 21, 2017

Issued On

Michelle Price, Chief

Lead, Heavy Metals, and Inorganics Branch


STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE
N.Y.S
LOUIS N JOHNSON III
CLASS(EXPIRES)
C ATEC(06/22) D INSP(06/22)
E MGPL(06/22) H PM (06/22)
I PD (06/22)
CERT# 08-05954
DMV# 641924292
MUST BE CARRIED ON ASBESTOS PROJECTS

Revised 09/04/2025

United States Environmental Protection Agency

This is to certify that

Louis N Johnson III

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:

Inspector

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 March 31, 2024

LBP-I-I151914-2

Certification #

December 07, 2020

Issued On

Ben Conetta, Chief

Chemicals and Multimedia Programs Branch

Revised 09/04/2025

United States Environmental Protection Agency

This is to certify that

Louis N Johnson III

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 March 31, 2024

LBP-R-I151914-2
Certification #

December 07, 2020
Issued On

Ben Conetta, Chief
Chemicals and Multimedia Programs Branch

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2023
Issued April 01, 2022

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MR. PAUL J. MUCHA
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.: 64683