

**Admiral's House Rehabilitation**

RFP Responses to questions received from proposers

October 22, 2021

**To:** RFP Proposers

**From:** Nicole De Feo, Senior Project Manager, Design + Construction

**Subject:** Responses to questions received from RFP Proposers for the Admiral's House Rehabilitation

**Intent:** This clarification is a part of the Contract Documents and modifies the original RFP Documents. Acknowledge receipt of this clarification by initialing in the space provided below and returning a copy with your proposal. Failure to do so may subject the RFP Proposer to disqualification.

**Documents\*:** RFP Responses to Questions  
Attachment A: ALC Asbestos Survey

*\*Please also refer to all documents and reports provided by the link in Exhibit J of the RFP document.*

## Admiral's House Rehabilitation RFP Responses to Questions

October 22, 2021

1 Barry Road, Nolan Park  
Governors Island

RFI#	Date	Question	Response	Dwg
1	10.13.2021	Please confirm the Admiral's House will be closed for the duration of construction	Confirmed, the non-profit tenant will out of the house after 10.31.2021	
2	10.13.2021	The bid sheet indicates a line item for "Sanitary Facilities"; however, article 5.14 on page 7 of the General Conditions states that the contractor is not expected to provide their own portable restroom facilities. Please clarify if portable restroom facilities should be included.	Contractor is responsible for providing their own portable restroom facilities.	
3	10.13.2021	Drawing G-001.00 "Asbestos Abatement" notes reference the Asbestos Survey for scope. The asbestos survey indicates asbestos at several locations, yet does not indicate any quantities. Please clarify the extent of asbestos abatement scope on this project.	All areas of asbestos shown within the report are to remain undisturbed. Contractor to refer to Asbestos Survey filed by ALC Environmental. If asbestos must be removed, no more than 10 SF or 25 LF of ACM containing materials may be removed per DEP regulations. All ACM must be removed by an abatement contractor and all waste handled and disposed of in full accordance with applicable regulations. For pricing assume all asbestos will remain undisturbed and/or encapsulated.	Asbestos Survey (AS)
4	10.13.2021	If the ACM indicated in the Asbestos Survey is to be abated, please clarify the extent of flooring scope to be included, as there is no flooring specified outside the wood floor repairs.	There is no flooring scope outside of wood floor repairs. Refer to Asbestos Survey for Asbestos related information.	AS
5	10.13.2021	Drawing G-001.00 references the Lead Survey, which states that the majority of surfaces contain lead. Please clarify the encapsulation and/or abatement procedure.	Lead Encapsulation and abatement is not required for this project unless otherwise indicated by ownership. If required, GC shall follow NYC DEP procedure.	AS
6	10.13.2021	Drawing G-001.00 references a Mold Assessment Report that indicates 10,850SF of recommended plaster removal & repair and 120SF of damaged wood floor repair. Please clarify the extent of plaster removal, mold remediation and wood flooring scope (replacement/repairs and refinishing) that should be included.	Repairs/replacement of wood flooring to be included at areas of missing floorboards or where the walking surface creates a change greater than 1/2". SF of damaged plaster is indicated within the report - assume the SF amount as stated in report for repair work. Report was completed in 2018, current conditions may differ from conditions at the time of the report. Extent of mold remediation to be reviewed with the Trust.	Mold Assessment Report
7	10.13.2021	Please identify the existing species of wood flooring to match in each room requiring wood flooring replacement and repairs.	For purposes of pricing, assume plain-sawn, white oak. Floors to be stitched into existing floor and finish to match all joint floor surface	ECAR: 78-98
8	10.13.2021	Gutters, downspouts, flashing repairs and asphalt membrane repairs are mentioned, though there is no specification for flashing or roofing, nor are any quantities indicated. The ECAR indicates the slope at the flat roofs is inadequate to drain, which implies the entire flat roof must be replaced to correct the drainage issues. Please clarify the extent of roofing scope that we should include and if a manufacturer warranty is required.	The ECAR is meant for reference and does not define the scope of work. Please refer to the drawing notes for the extent of roof work. Entire flat roof will not be replaced. In areas where flashing needs to be repairs, refer to ECAR for location and amount and assume a 7 year manufacturer warranty. GC to survey roof completely and produce recommendation for ownership consultation.	A-104; ECAR: 23-29
9	10.13.2021	Please confirm all existing interior painted surfaces should be figured for new paint.	All interior surfaces should not be figured for new paint. Encapsulate/stabilize areas of interior deterioration only. Fully priming and painting all interior surfaces is not part of this scope	
10	10.13.2021	There is a specification for interior paint; however, the scope of exterior painting is not clear. The ECAR indicates 100% of metal railing & window guards should be abrasively cleaned & painted and that 100% of the exterior wood elements should be stripped & painted. Please confirm the extent of exterior painting scope that is required and specify the finish materials.	Exterior Painting is not part of scope unless otherwise indicated by ownership. The ECAR is meant for reference and does not define the scope of work.	
11	10.13.2021	The anticipated schedule is indicted as January 2022 through Spring 2022. This seems to indicate that the entire duration for this scope is less than six months. As the exterior work is weather sensitive and this period is throughout winter, please clarify the required completion date and expected duration.	RFP proposers are required to submit a schedule as part of their RFP response. The Trust expects the building to be ready to use by June 1, 2022.	
12	10.13.2021	Please specify faucet(s) and advise the extent of faucet & control valve replacement we should include in our proposal.	Faucet(s) to be tested by GC to confirm if replacement is needed. Faucet replacement to be match existing or approved equal.	A100- A103
13	10.13.2021	Please confirm the address for the building that should be used to locate the property within the NYC BIS and advise if there will be any filings that require permits. As all of the work consists of repairs with no new modifications, it seems like the only permit required is for the updates to the electrical service. Please clarify which permits are required.	Project address is: 1 Barry Road, Governors Island, Manhattan, NY 10004. The Trust will coordinate any reviews and approvals for Landmarks Preservation Commission, if required. Contractors are responsible for all permits as required.	
14	10.13.2021	Drawing A-600.00 indicates that all sagging shutters should be removed, stored & protected. Please clarify the extent of protection required and the storage location to which they must be delivered.	Shutters to be moved to a basement level room. Place all hardware in resealable bag to prevent parts from rusting or getting lost. Store shutters horizontally in a flat dry area of the basement where water cannot reach them. Store off the basement floor to reduce risk of water damage. Room to be determined by TGI. Cover with a tarp to keep free of dust.	A600
15	10.13.2021	The ECAR indicates damaged and missing glazing and screens at the storm glazing. This scope is not indicated on the drawings. Please confirm if any storm glazing scope should be included.	Storm glazing is not part of project scope. Any missing glazing lites are to be replaced in kind.	A600
16	10.13.2021	The only structural steel scope included appears to be adding brackets to support the steel beams in the basement below the portico; however, the ECAR indicates that the steel lintel above the kitchen entrance door should be replaced. Please advise if the kitchen entrance lintel should be included. If so, please advise the lintel size.	This is not part of the project scope.	

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17	10.13.2021	The ECAR indicates repairs to existing exterior wood elements at the eaves, cornice and columns, yet there is no carpentry specification, nor does this scope seem to be included on the drawings. Please clarify the extent of exterior carpentry scope we should include.	This is not part of the project scope.
18	10.13.2021	The ECAR indicates recommended repair and replacement of light fixtures; however, there appears to be no light fixture scope included within the bid documents. Please clarify whether any light fixture repair or replacement should be included.	Any fixture replacement, if required, will be furnished by the owner.

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## **Attachment A**

Identify

Evaluate

**INSPECTION REPORT FOR  
ASBESTOS-CONTAINING MATERIALS**

*Performed at:*

**Admiral House Building #1  
Governors Island  
"Asbestos Survey"  
New York, NY**

*Performed for:*

**Alexander Gorlin Architects  
137 Varick Street, 5th Floor  
New York, NY 10013**

*Prepared by:*

**ALC Environmental  
121 West 27<sup>th</sup> Street, Suite 402  
New York, NY 10001  
Ph: 212.675.5544**

**February 20, 2018**

Solve

Execute

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## **APPENDICES:**

**APPENDIX A: Laboratory Analytical Reports, Chain of Custody & Accreditations**

**APPENDIX B: Asbestos Handling License & Asbestos Certifications**

**APPENDIX C: Survey Sample Location Drawing**

## **DISCLAIMER**

No other party shall have the right to use or rely on this document without written consent or interpretation from ALC. All recommendations, findings, and conclusions stated in this report are based upon facts and circumstances as they existed at the time of the inspection and at the time that this report was prepared. **Quantities of asbestos material are approximate. Contractor shall verify amount of asbestos materials. This document is not to be used as a specification for asbestos abatement purposes.**

LIMITED INSPECTION FOR  
ASBESTOS-CONTAINING MATERIALS

## 1.0 Introduction

**Building Address:** Admiral House Building #1 Governors Island, New York, NY  
"Asbestos Survey"  
**Year Built:** 1843  
**Date of Inspection:** February 12, 2018

At the request of Alexander Gorlin Architects, ALC Environmental (ALC) conducted a limited asbestos survey for the presence of Asbestos-Containing Materials (ACM) of all areas of the current project at the above subject property building/structure.

The asbestos investigator and/or inspector(s) responsible for this project were:

Octavius Whitehead: NYS DOL #98-06998; NYCDEP #116797  
Chinomso Oriala: NYS DOL #10-20156; NYCDEP #146198  
Hyaat Ali: NYS DOL #10-09136

## 2.0 Field Procedures and Analysis Methodology

A limited asbestos survey is a thorough inspection for, and identification of, all Presumed Asbestos Containing Material (PACM), suspect Miscellaneous Asbestos-Containing Material (ACM), or other asbestos material throughout the building/structure or portion thereof, prior to alteration, modification, demolition, or plumbing work occurs, or changes in such work occurs. (See Subpart 56-5, 12 NYCRR Part 56). PACM is all Thermal System Insulations and Surfacing Materials found in buildings constructed no later than 1980, and is considered to be ACM unless proven otherwise by appropriate bulk sampling and laboratory analyses. Asbestos Containing Material (ACM) is any material containing greater than one percent (1%) of asbestos, also known as Asbestos Material.

### **Guidelines for Bulk Sampling:**

Guidelines used for the inspection were established by the Environmental Protection Agency (EPA) entitled *Asbestos in Buildings: Simplified Sampling Scheme for Friable Surfacing Materials* (Office of Pesticides and Toxic Substances, Doc. #560/5-85-030a), *Guidance for Controlling Asbestos-Containing Materials in Buildings* (Office of Pesticide and Toxic Substances, Doc. #560/5-85-024); Federal Register 40 CFR Part 763, Asbestos Hazard Emergency Response Act (AHERA); Part 56 of Title 12 of the Official Compilation of Codes, Rules and Regulations of the State of New York (12 NYCRR Part 56); and Chapter 1 of Title 15 of the Rules of the City of New York Governing the Asbestos Control Program (15 RCNY 1-01 et seq.).

Field information was organized as per the AHERA concept of homogeneous areas. That is, PACM, Miscellaneous ACM, and other suspect ACM with similar age, appearance, and texture were grouped together sampled and assessed for condition. The definition of inspection adopted in the revised EPA's Model Accreditation Program (MAP), is based upon the core inspection activities identified in the Schools Rule at §763.85(a). EPA's

recommendations are cited in the Toxic Substance Control Act (TSCA) section 206(a)(1) & (3); under the Asbestos School Abatement Reauthorization Act (ASHARA) in reference to inspection accreditation requirements of Public and Commercial Buildings.

### **Laboratory Analysis & Reporting Methodology**

Bulk samples of suspect ACM were analyzed and reported utilizing Polarized Light Microscopy (PLM), in accordance with EPA Interim Method for the Determination of Asbestiform Materials in Bulk Insulation Samples found in 40 CFR Part 763, Subpart F, Appendix A, and the State of New York Department of Health - Environmental Laboratory Approval Program (NYSDOH - ELAP).

The State of New York Department of Health ELAP has determined that analysis of Non-friable, Organically Bound Materials (NOB) is not reliably performed by PLM. (i.e. floor tiles, caulking, roof membrane, etc.). Therefore, the current EPA bulk sampling methodology cited at Method EPA 600/M4/82/020 has been adopted by the NYSDOH-ELAP as cited in Method 198.1 in the ELAP certification manual for analysis of friable ACM, meaning any material containing more than 1% asbestos, which when dry may be crumbled, pulverized, or reduced to powder by hand pressure, including damaged non-friable ACM which has become friable and may be disturbed.

Hence, all Non-friable (NOB) must be analyzed utilizing the PLM-NOB method cited as Method 198.6 in the ELAP certification manual. If the PLM-NOB analysis yields inconclusive results for a non-friable material, it must be further analyzed by Transmission Electron Microscopy (TEM) cited at TEM-NOB Method 198.4 in the ELAP certification manual.

All samples were analyzed by Metro Analytical Laboratories, LLC located at 255 West 36<sup>th</sup> Street, Suite 203, New York, NY. Metro Analytical Laboratories is approved by the New York State Department of Health Environmental Laboratory Approval Program (NYSDOH-ELAP) for the selected asbestos analysis methodology. Metro Analytical Laboratories' ELAP accreditation number is 12003.

### **3.0 Scope of Work**

ALC performed a limited asbestos survey to determine the presence or absence of Asbestos-Containing Materials (ACM) in building materials which may be disturbed by the proposed renovation, modification, and other work within select areas throughout the interior and exterior of the above referenced building/structure.

This survey was based on the contract scope of work provided by the Client during the time of the investigation. The survey involved a close visual inspection physically touching, and bulk sampling of Presumed Asbestos Containing Materials (PACM), Suspect Miscellaneous Asbestos-Containing Materials (ACM), and other suspect ACM that were accessible during the inspection, these materials were assessed for condition, sampled, and quantified.



#### 4.0 Summary of Inspection Results

On February 12, 2018, ALC Environmental collected a total of one hundred and seven (107) bulk samples at the subject property.

Below is a summary table of laboratory results of suspect building material samples:

Analytical Results of Asbestos Building Materials Report:			
Sample ID	Location	Material	Asbestos Type & Percentage
1-2	1 <sup>st</sup> Floor Conservatory Brick Fire Place Mantle & 2 <sup>nd</sup> Bedroom #4 Floor Brick Fire Place Mantle	Mortar (Light Grey/White)	NAD
3-4	1 <sup>st</sup> Floor Drawing Room Fire Place Mantel & 2 <sup>nd</sup> Floor Bedroom #3 Fire Place Mantle	Fire Brick	NAD
5-6	2 <sup>nd</sup> Floor Bedroom #1 & Bedroom #2 Floor/Base of Brick Mantle	Mortar (Grey)	NAD
7-8	2 <sup>nd</sup> Floor Bedroom #3 & Bedroom #1 Floor/Base of Brick Mantle	Fire Brick (Red)	NAD
9-10	1 <sup>st</sup> Floor Conservatory Bathroom	Wall Paper (Light Beige/Flower Pattern) with (Beige) Glue	NAD
11-12	1 <sup>st</sup> Floor Throughout & 2 <sup>nd</sup> Floor Throughout	Gypsum Board Walls	NAD
13-14	1 <sup>st</sup> Floor & 2 <sup>nd</sup> Floor	Joint Compound Material (White) associated with Gypsum Board	NAD
15-16	1 <sup>st</sup> Floor Conservatory Bathroom	Mastic/Glue (Black/Beige) underneath 9X9 VFT	NAD
17-18	1 <sup>st</sup> Floor Conservatory Bathroom	9X9 (Black) Vinyl Floor Tile (2 <sup>nd</sup> Layer)	NAD
19-20	1 <sup>st</sup> Floor Conservatory Bathroom	Glue (Tan) underneath 12X12 VFT	NAD
21-22	1 <sup>st</sup> Floor Conservatory Bathroom	12X12 (Beige) Vinyl Floor Tile (Top Layer)	NAD
23-25	1 <sup>st</sup> Floor Conservatory Bathroom, 2 <sup>nd</sup> Floor Bathroom Between Bedroom #1/ Bedroom #2 & Attic Bathroom	Pipe Insulation (Brown Paper Piping Insulation)	4.0% Chrysotile
26-28	1 <sup>st</sup> Floor Conservatory Bathroom	Horse Hair Pipe Insulation (Brown)	NAD
29-30	2 <sup>nd</sup> Floor Bedroom #3 Bathroom & Bedroom #4 Bathroom	Backing Adhesive (Grey) Ceramic Wall Tile	NAD
31-32	2 <sup>nd</sup> Floor Bedroom #3 Bathroom	Wall Paper (Flower Pattern/White)	NAD
33-34	2 <sup>nd</sup> Floor Bathroom Between Bedroom #5 & Bedroom #6	Wall Paper (Flower Pattern) with Glue behind	NAD

Analytical Results of Asbestos Building Materials Report:			
Sample ID	Location	Material	Asbestos Type & Percentage
35-36	2 <sup>nd</sup> Floor Bedroom #2 Bathroom	Backing Adhesive (Beige) Ceramic Wall Tile	NAD
37-38	2 <sup>nd</sup> Floor Bathroom Between Bedroom #5, Bedroom #6 & 2 <sup>nd</sup> Floor Bedroom #6 Bathroom	Backing Adhesive (White) Ceramic Wall Tile	NAD
39-40	2 <sup>nd</sup> Floor All Bathrooms	Grout (White/Light Grey) Ceramic Wall Tile	NAD
41-42	2 <sup>nd</sup> Floor Bedroom #1 Bathroom & 2 <sup>nd</sup> Floor Bathroom Between Bedroom #5 & Bedroom #6	Grout (Grey) Ceramic Floor Tile	NAD
43-44	2 <sup>nd</sup> Floor Bedroom #3 Bathroom	9X9 (Grey) Vinyl Floor Tile (2 <sup>nd</sup> Layer)	2.0% Anthophyllite 10.2% Chrysotile
45-46	2 <sup>nd</sup> Floor Bedroom #3 Bathroom	Linoleum Flooring (Light Beige/Grey) (Top Layer)	ACM Contaminated
47-48	Attic Bathroom	Backing Adhesive (Grey/Beige) Ceramic Wall Tile	NAD
49-50	2 <sup>nd</sup> Floor Bedroom #3	Waterproofing Mastic (Black) Perimeter Wall Behind Plaster	2.8% Chrysotile
51-57	Basement, 1 <sup>st</sup> Floor, 2 <sup>nd</sup> Floor, & Attic Throughout	Wall & Ceiling Plaster (Brown Coat)	NAD
58-64	Basement, 1 <sup>st</sup> Floor, 2 <sup>nd</sup> Floor, & Attic Throughout	Wall & Ceiling Plaster (White Coat)	NAD
65-66	2 <sup>nd</sup> Floor Bathroom Foyer by Bedroom #6	Vapor Barrier (Grey) Underneath Wood Floor	NAD
67-68	2 <sup>nd</sup> Floor & 1 <sup>st</sup> Floor Exterior Window & Door Frame	Caulk (Grey/Light Grey)	NAD
69-70	2 <sup>nd</sup> Floor & 1 <sup>st</sup> Floor Exterior Window & Door Sash	Glazing (White)	NAD
71-72	Roof Brick Chimney Stack Flue	Mortar (Grey)	NAD
73-74	Roof Chimney Stack Flue	Fire Brick (Red)	NAD
75-76	Roof Base of Chimney Stack	Tar Flashing (Black)	NAD
77-78	Roof Base of Chimney Flue	Caulk (Grey)	NAD
79-80	1 <sup>st</sup> Floor & 2 <sup>nd</sup> Floor Brick Façade	Mortar (Grey)	NAD
81-82	1 <sup>st</sup> Floor Kitchen	12X12 (Black) Vinyl Floor Tile with Glue (Tan/Beige)	NAD
83-84	1 <sup>st</sup> Floor Kitchen	12X12 (White) Vinyl Floor Tile with Glue (Tan/Beige)	NAD
85-86	1 <sup>st</sup> Floor Kitchen & Pantry	Compressed Floor Board (Grey)	NAD

Analytical Results of Asbestos Building Materials Report:			
Sample ID	Location	Material	Asbestos Type & Percentage
87-88	1 <sup>st</sup> Floor Kitchen	Backing Adhesive (Grey/White) Ceramic Wall Tile	NAD
89-90	1 <sup>st</sup> Floor Kitchen & Pantry	Sink Undercoat (Black)	2.4% Chrysotile
91-92	1 <sup>st</sup> Floor Kitchen	Cove Base (Black) with Glue (Beige)	NAD
93-94	1 <sup>st</sup> Floor Pantry	Cove Base (Beige) with Glue (Beige)	NAD
95-96 Floor Tile	Basement East Room	9X9 (Orange) Vinyl Floor Tile with Mastic (Black)	2.8% Chrysotile
95-96 Mastic	Basement East Room	9X9 (Orange) Vinyl Floor Tile with Mastic (Black)	ACM Contaminated
97-98	Basement West	Waterproofing Mastic (Black) Over Brick & Stone Perimeter Wall	4.8% Chrysotile
99-101	Basement Boiler Room	Boiler Breecher Insulation (Grey) Exhaust Flue	NAD
102-104	Basement Hallway & East Room	Air Cell to Pipe (Light Grey)	6.0% Chrysotile
105-107	Basement Hallway & East Room	Insulation to Fittings	4.0% Chrysotile

Field Comments:

- 2 SF of assumed braided wire observed in attic level, platform.
- Samples #17-18 was also observed in bedroom #3, bathroom & base landing stairwell (north) to basement level.
- Samples #23-25 was observed in wall (vertical) by bathrooms.
- Samples \$49-50 was observed & sampled in bedroom #3 but, is amused to be throughout.
- Wall & ceiling plaster are homogenous.
- Samples #81-84 are side by side next to each other.
- Samples #95-96 were observed in basement level, stairwell (north) base/landing (top layer).

Key: 1) "NAD" means No Asbestos Detected

2) "Trace" means the percentage of asbestos less than one percent, less than <1% asbestos material

3) "NA" means Not Analyzed. (i.e. associated material Group is ACM)

4) "ACM" means any material containing greater than >1% asbestos

5) "CACM" means Contaminated Asbestos-Containing Material. The material cannot be separated from ACM.

6) "Assumed ACM" means not sampled. (i.e. inaccessible at the time of the survey)

7) "Non-Suspect" means not a building materials classified by USEPA as suspect for ACM testing (e.g. wood, metal, rubber, glass, etc...)

## 5.0 Conclusion & Recommendations

1. By definition, building materials containing greater than 1% asbestos are classified as *Asbestos-Containing Materials (ACM)*. The following materials collected at the subject property were determined to be **ACM** via laboratory analysis:

Admiral House Building #1 Governors Island				
Sample ID	ACM	Location	Quantities	% of ACM
23-25	Pipe Insulation (Brown Paper Piping Insulation)	1 <sup>st</sup> Floor Conservatory Bathroom, 2 <sup>nd</sup> Floor Bathroom Between Bedroom #1/ Bedroom #2 & Attic Bathroom	65 LF	4.0% Chrysotile
43-44	9X9 (Grey) Vinyl Floor Tile (2 <sup>nd</sup> Layer)	2 <sup>nd</sup> Floor Bedroom #3 Bathroom	35 SF	2.0% Anthophyllite 10.2% Chrysotile
45-46	Linoleum Flooring (Light Beige/Grey) (Top Layer)	2 <sup>nd</sup> Floor Bedroom #3 Bathroom		ACM Contaminated
49-50	Waterproofing Mastic (Black) Perimeter Wall Behind Plaster	2 <sup>nd</sup> Floor Bedroom #3	1,440 SF	2.8% Chrysotile
89-90	Sink Undercoat (Black)	1 <sup>st</sup> Floor Kitchen & Pantry	6 SF	2.4% Chrysotile
95-96 Floor Tile	9X9 (Orange) Vinyl Floor Tile with Mastic (Black)	Basement East Room	280 SF	2.8% Chrysotile
95-96 Mastic	9X9 (Orange) Vinyl Floor Tile with Mastic (Black)	Basement East Room		ACM Contaminated
97-98	Waterproofing Mastic (Black) Over Brick & Stone Perimeter Wall	Basement West	560 SF	4.8% Chrysotile
102-104	Air Cell to Pipe (Light Grey)	Basement Hallway & East Room	300 LF	6.0% Chrysotile
105-107	Insulation to Fittings	Basement Hallway & East Room	145 LF	4.0% Chrysotile
Total ACM			2, 321 SF/510 LF	

Note: Any Non-ACM (negative material) which is layered or a composite material in any group or system of Non-friable Asbestos-Containing Material (ACM) which has been determined to be feasible to separate from a Non-friable ACM, or which may cause Non-friable ACM to become friable prior to abatement, and any contaminated ACM shall be properly disposed of as Asbestos-Containing Waste.

All suspect building materials were observed to be in good condition at the time of our survey.

Prior to any other (not including this project) construction, alteration, modification, renovation/demolition, changes or plumbing work, which may disturb any ACM in the area under scrutiny or neighboring areas, the ACM shall be properly abated utilizing recognized safety procedures prior to the commencement of work, and in full compliance with applicable federal, state, city and local rules and regulations, including proper notification of the agencies having jurisdiction to this work, such as US/EPA, State of New York-Department of Labor, and the City of New York-Department of Environmental Protection Agency.

If the Owner, or Owner's representative, observes any suspect asbestos-containing material which is concealed and exposed during demolition practices, then work shall immediately stop, the work area shall be cordoned off, and the owner's environmental consultant shall be immediately notified. All work shall be suspended until determination of all new suspect building materials is performed by the environmental consultant and a report is issued to the owner.

**If a building or structure (or portion thereof) is determined to be free of ACM or the amount of ACM to be abated constitutes a minor project than the NYCDEP-certified asbestos investigator shall prepare an *Asbestos Assessment Report Form ACP-5* and submit to NYCDEP prior to issuance of NYCDOB building permit for proposed renovation plans.**

## **6.0 Limitations and Exclusions**

*The inspection was conducted solely to identify Asbestos-Containing Materials (ACM) in accessible client designated areas of the subject property. Additional asbestos-containing materials/quantities may be present in concealed survey areas, as well as in areas not included in this survey. Suspect materials encountered during future construction activities that have not been tested should be assumed to be ACM and treated as such.*

*The professional opinions presented in this report are based solely on the scope of work conducted and sources referred to in the report. The data presented by ALC in this report was collected and analyzed using generally accepted industry methods and practices at the time the report was generated. This report represents the conditions, locations, and materials that were observed at the time the fieldwork was conducted. The scope of work for this project did not include an assessment of other environmental conditions, which might exist on the premises. No inferences regarding other conditions, locations, or materials, at a later or earlier time may be made based on the contents of the report. No other warranty, express or limited is made. ALC's liability and that of its contractors and subcontractors, arising from any services rendered hereunder, shall not exceed the total fee paid by the client to ALC for this project. This report was prepared for the sole use of our client. The use of this report by anyone other than our client or ALC is strictly prohibited without the expressed written consent of ALC. Portions of this report may not be used independent of the entire report.*

### **Only for NYC:**

**Asbestos Assessment Report (ACP-5 Form).** If, after the asbestos survey is completed a NYC-DEP certified asbestos investigator, it is determined that the building (or portion thereof) affected by the work is **free of asbestos-containing material, or the amount of ACM to be abated constitutes a minor project,** said asbestos investigator shall complete and submit the Asbestos Assessment Report (ACP-5 Form) to the NYC-DEP for processing with the appropriate fee and generate the ACP-5 "Control Number" which shall be submitted to the New York City Department of Buildings for approval of a building permit in accordance with section 1-22(b)(1) of the NYC DEP rules.

Enclosed with this correspondence, please find the laboratory report with chain of custody form. Should you have any questions or require additional information please contact our office at 212-675-5544.

*Sincerely,*

*ALC Environmental*



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*Prepared By*  
*Bianca Colon*  
*Report Coordinator*



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*Approved By*  
*Octavius Whitehead*  
*Project Manager/ C.A.I*

## **APPENDIX A**

### **Laboratory Analytical Reports, Chain of Custody & Accreditations**

# ASBESTOS ANALYSIS of BULK SAMPLE by POLARIZED LIGHT MICROSCOPY and TRANSMISSION ELECTRON MICROSCOPY

Client: **ALC Environmental**  
Address: 121 West 27th Street  
New York NY 10001  
P: (212) 675-5544 F: (212) 675-4698  
  
Contact: **Octavius Whitehead**  
M: (646) 388-3714  
E: [octavius.whitehead@alcenvironmental.com](mailto:octavius.whitehead@alcenvironmental.com)

Contract: **Liro Group**  
Client Job #:  
Location: **Governor's Island  
Bldg. #1  
NY NY**  
  
Sampled By: C.O., H.A.  
Sampled Date: 02/12/2018  
Turnaround Time: 24 hrs

Metro Lab ID #: **B18020335**  
  
Sample Received: 02/12/2018  
PLM Analysis Date: 02/13/2018  
TEM Analysis Date: 02/13/2018  
Amended By: Turiana Moreira  
Amended Date: 02/17/2018

## Summary of Analysis

LAB ID #	Client Sample #	Sample Description	Test	Fibrous Material	Non-Fibrous Material	Asbestos	Total Asbestos
1	1	Grey Homogenous Fine Grained	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		1 - MORTAR (L. GREY/WHITE) BRICK	NY ELAP 198.6				
		FIREPLACE MANTLE, CONSERVATORY	NY ELAP 198.4				
2	2	Grey Homogenous Fine Grained	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		2 - MORTAR (L. GREY/WHITE) BRICK	NY ELAP 198.6				
		FIREPLACE MANTLE, BED RM. #4	NY ELAP 198.4				
3	3	Brown Homogenous Cementitious	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		1 - FIRE BRICK, FIREPLACE MANTLE,	NY ELAP 198.6				
		DRAWING ROOM	NY ELAP 198.4				
4	4	Brown Homogenous Cementitious	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		2 - FIRE BRICK, FIREPLACE MANTLE, BED	NY ELAP 198.6				
		RM. #3	NY ELAP 198.4				
5	5	Grey Homogenous Cementitious	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		3 - MORTAR (GREY) FLOOR / BASE OF	NY ELAP 198.6				
		BRICK FIRE MANTLE, BED RM. #1	NY ELAP 198.4				
6	6	Grey Homogenous Cementitious	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		3 - MORTAR (GREY) FLOOR / BASE OF	NY ELAP 198.6				
		BRICK FIRE MANTLE, BED RM. #2	NY ELAP 198.4				
7	7	Red Homogenous Cementitious	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		2 - FIRE BRICK (RED) FLOOR / BASE OF	NY ELAP 198.6				
		FIREPLACE MANTLE, BED RM. #3	NY ELAP 198.4				
8	8	Red Homogenous Cementitious	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		2 - FIRE BRICK (RED) FLOOR / BASE OF	NY ELAP 198.6				
		FIREPLACE MANTLE, BED RM. #1	NY ELAP 198.4				
9	9	Beige Homogenous NOB	NY ELAP 198.1			Inconclusive	
		1 - WALL PAPER (L. BGE/FLOWER PATTERN)	NY ELAP 198.6			None Detected	
		WITH (BGE) GLUE, CONSERVATORY BTRM	NY ELAP 198.4			None Detected	
10	10	Beige Homogenous NOB	NY ELAP 198.1			Inconclusive	
		1 - WALL PAPER (L. BGE/FLOWER PATTERN)	NY ELAP 198.6			None Detected	
		WITH (BGE) GLUE, CONSERVATORY BTRM	NY ELAP 198.4			None Detected	

Comments No Adhesive Obsrvd, Anylzd as Friable; Smples #35-38, 47-48, 87 & 88. Add. Samp. Sbmtd 81G-84G, 90 & 96 on 2/15/18 Anylzd by:MS

Zlatan Dimitrijevic  
Laboratory Director

Moe Soliman / Mike Isaac  
PLM Analyst

Sylvia Choi  
TEM Analyst

NYS ELAP ID # 12003

NVLAP Lab Code 500081-0



# ASBESTOS ANALYSIS of BULK SAMPLE by POLARIZED LIGHT MICROSCOPY and TRANSMISSION ELECTRON MICROSCOPY

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Contact: **Octavius Whitehead**  
M: (646) 388-3714  
E: [octavius.whitehead@alcenvironmental.com](mailto:octavius.whitehead@alcenvironmental.com)

Contract: **Liro Group**  
Client Job #: **Governor's Island**  
Location: **Bldg. #1**  
**NY**  
Sampled By: **C.O., H.A.**  
Sampled Date: **02/12/2018**  
Turnaround Time: **24 hrs**

Metro Lab ID #: **B18020335**  
  
Sample Received: 02/12/2018  
PLM Analysis Date: 02/13/2018  
TEM Analysis Date: 02/13/2018  
Amended By: Turiana Moreira  
Amended Date: 02/17/2018

## Summary of Analysis

LAB ID #	Client Sample #	Sample Description	Test	Fibrous Material	Non-Fibrous Material	Asbestos	Total Asbestos
11	11	White / Brown Inhomogenous Fibrous	NY ELAP 198.1	10% Cellulose	90% Gypsum	None Detected	
		1 - GYPSUM BOARD WALLS, THROUGHOUT	NY ELAP 198.6				
			NY ELAP 198.4				
12	12	White / Brown Inhomogenous Fibrous	NY ELAP 198.1	15% Cellulose	85% Gypsum	None Detected	
		2 - GYPSUM BOARD WALLS, THROUGHOUT	NY ELAP 198.6				
			NY ELAP 198.4				
13	13	White Homogenous Fine Grained	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		1 - JOINT COMPOUND MATERIAL (WHITE)	NY ELAP 198.6				
		ASSOC / WITH GYPSUM BOARD	NY ELAP 198.4				
14	14	White Homogenous Fine Grained	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		2 - JOINT COMPOUND MATERIAL (WHITE)	NY ELAP 198.6				
		ASSOC / WITH GYPSUM BOARD	NY ELAP 198.4				
15	15	Black Homogenous NOB	NY ELAP 198.1			Inconclusive	
		1 - MASTIC / GLUE (BLK/BGE) UNDERNEATH	NY ELAP 198.6			None Detected	
		9X9 VFT, CONSERVATORY BATH RM.	NY ELAP 198.4			None Detected	
16	16	Black Homogenous NOB	NY ELAP 198.1			Inconclusive	
		1 - MASTIC / GLUE (BLK/BGE) UNDERNEATH	NY ELAP 198.6			None Detected	
		9X9 VFT, CONSERVATORY BATH RM.	NY ELAP 198.4			None Detected	
17	17	Black Homogenous NOB	NY ELAP 198.1			Inconclusive	
		1 - 9X9 (BLACK) VINYL FLOOR TILE (2ND	NY ELAP 198.6			None Detected	
		LAYER), CONSERVATORY BATH RM.	NY ELAP 198.4			None Detected	
18	18	Black Homogenous NOB	NY ELAP 198.1			Inconclusive	
		1 - 9X9 (BLACK) VINYL FLOOR TILE (2ND	NY ELAP 198.6			None Detected	
		LAYER), CONSERVATORY BATH RM.	NY ELAP 198.4			None Detected	
19	19	Brown Homogenous NOB	NY ELAP 198.1			Inconclusive	
		1 - GLUE (TAN) UNDERNEATH 12X12 VFT,	NY ELAP 198.6			None Detected	
		CONSERVATORY BATH RM.	NY ELAP 198.4			None Detected	
20	20	Brown Homogenous NOB	NY ELAP 198.1			Inconclusive	
		1 - GLUE (TAN) UNDERNEATH 12X12 VFT,	NY ELAP 198.6			None Detected	
		CONSERVATORY BATH RM.	NY ELAP 198.4			None Detected	

Comments No Adhesive Obsrvd, Anylzd as Friable; Smpls #35-38, 47-48, 87 & 88. Add. Samp. Sbmtd 81G-84G, 90 & 96 on 2/15/18 Anylzd by:MS

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Contract: **Liro Group**  
Client Job #:  
Location: **Governor's Island  
Bldg. #1  
NY NY**  
  
Sampled By: C.O., H.A.  
Sampled Date: 02/12/2018  
Turnaround Time: 24 hrs

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Amended By: Turiana Moreira  
Amended Date: 02/17/2018

## Summary of Analysis

LAB ID #	Client Sample #	Sample Description	Test	Fibrous Material	Non-Fibrous Material	Asbestos	Total Asbestos
21	21	Beige Homogenous NOB	NY ELAP 198.1			Inconclusive	None Detected
		1 - 12X12 (BEIGE) VINYL FLOOR TILE (TOP LAYER) CONSERVATORY BATH RM.	NY ELAP 198.6			None Detected	
			NY ELAP 198.4				
22	22	Homogenous NOB	NY ELAP 198.1			Inconclusive	None Detected
		1 - 12X12 (BEIGE) VINYL FLOOR TILE (TOP LAYER) CONSERVATORY BATH RM.	NY ELAP 198.6			None Detected	
			NY ELAP 198.4				
23	23	Brown Homogenous Fibrous	NY ELAP 198.1	86% Cellulose	10% Gypsum	4.0% Chrysotile	4.0%
		1 - PIPE INSULATION (BRN PAPER PIPING INSULATION) CONSERVATORY BATH RM.	NY ELAP 198.6				
			NY ELAP 198.4				
24	24		NY ELAP 198.1			Positive Stop	Not Analyzed
		2 - PIPE INSULATION (BRN PAPER PIPING INSUL) BATH RM BETWEEN BED RM. #1 & 2	NY ELAP 198.6				
			NY ELAP 198.4				
25	25		NY ELAP 198.1			Positive Stop	Not Analyzed
		A - PIPE INSULATION (BRN PAPER PIPING INSULATION) CONSERVATORY BATH RM.	NY ELAP 198.6				
			NY ELAP 198.4				
26	26	Brown Homogenous Fibrous	NY ELAP 198.1	100% Hair		None Detected	
		1 - HORSE HAIR PIPE INSULATION (BROWN) CONSERVATORY BATH RM.	NY ELAP 198.6				
			NY ELAP 198.4				
27	27	Brown Homogenous Fibrous	NY ELAP 198.1	100% Hair		None Detected	
		1 - HORSE HAIR PIPE INSULATION (BROWN) CONSERVATORY BATH RM.	NY ELAP 198.6				
			NY ELAP 198.4				
28	28	Brown Homogenous Fibrous	NY ELAP 198.1	100% Hair		None Detected	
		1 - HORSE HAIR PIPE INSULATION (BROWN) CONSERVATORY BATH RM.	NY ELAP 198.6				
			NY ELAP 198.4				
29	29	Grey Homogenous NOB	NY ELAP 198.1			Inconclusive	None Detected
		2 - BACKING ADHESIVE (GREY) CERAMIC WALL TILE, BED RM. #3 BATH RM.	NY ELAP 198.6			None Detected	
			NY ELAP 198.4				
30	30	Grey Homogenous NOB	NY ELAP 198.1			Inconclusive	None Detected
		2 - BACKING ADHESIVE (GREY) CERAMIC WALL TILE, BED RM. #4 BATH RM.	NY ELAP 198.6			None Detected	
			NY ELAP 198.4			None Detected	

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## Summary of Analysis

LAB ID #	Client Sample #	Sample Description	Test	Fibrous Material	Non-Fibrous Material	Asbestos	Total Asbestos
31	31	Beige / White Homogenous NOB	NY ELAP 198.1			Inconclusive	None Detected
		2 - WALL PAPER (FLOWER PATTERN/WHITE)	NY ELAP 198.6				
		BED RM. #3 BATH RM.	NY ELAP 198.4			None Detected	
32	32	Beige / White Homogenous NOB	NY ELAP 198.1			Inconclusive	None Detected
		2 - WALL PAPER (FLOWER PATTERN/WHITE)	NY ELAP 198.6				
		BED RM. #3 BATH RM.	NY ELAP 198.4			None Detected	
33	33	Beige Homogenous NOB	NY ELAP 198.1			Inconclusive	None Detected
		2 - W PAPER (FLOWER PATTERN) WITH	NY ELAP 198.6				
		GLUE BEHIND, BATH RM. BTWN BED RM #5	NY ELAP 198.4			None Detected	
34	34	Beige Homogenous NOB	NY ELAP 198.1			Inconclusive	None Detected
		2 - W PAPER (FLOWER PATTERN) WITH	NY ELAP 198.6				
		GLUE BEHIND, BATH RM. BTWN BED RM #5	NY ELAP 198.4			None Detected	
35	35	White / Beige Homogenous Cementitious	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		2 - BACKING ADHESIVE (BGE) CERAMIC	NY ELAP 198.6				
		WALL TILE, BED RM. #1 BATH RM.	NY ELAP 198.4				
36	36	White / Beige Homogenous Cementitious	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		2 - BACKING ADHESIVE (BGE) CERAMIC	NY ELAP 198.6				
		WALL TILE, BED RM. #1 BATH RM.	NY ELAP 198.4				
37	37	White Homogenous Granular	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		2 - BACKING ADHESIVE (WHT) CERAMIC	NY ELAP 198.6				
		WALL TILE, BATH RM. BTWN BD RM. #5 & 6	NY ELAP 198.4				
38	38	White Homogenous Granular	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		2 - BACKING ADHESIVE (WHT) CERAMIC	NY ELAP 198.6				
		WALL TILE, BED RM. #6 BATH RM.	NY ELAP 198.4				
39	39	Grey Homogenous Granular	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		2 - GROUT (WHITE/LIGHT GRAY) CERAMIC	NY ELAP 198.6				
		WALL TILE, ALL BATH RM.'S	NY ELAP 198.4				
40	40	Grey Homogenous Granular	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		2 - GROUT (WHITE/LIGHT GRAY) CERAMIC	NY ELAP 198.6				
		WALL TILE, ALL BATH RM.'S	NY ELAP 198.4				

Comments No Adhesive Obsrvd, Anylyzd as Friable; Smples #35-38, 47-48, 87 & 88. Add. Samp. Sbmtd 81G-84G, 90 & 96 on 2/15/18 Anylyzd by:MS

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Location: **Bldg. #1**  
**NY**  
Sampled By: **C.O., H.A.**  
Sampled Date: **02/12/2018**  
Turnaround Time: **24 hrs**

Metro Lab ID #: **B18020335**  
  
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PLM Analysis Date: 02/13/2018  
TEM Analysis Date: 02/13/2018  
Amended By: Turiana Moreira  
Amended Date: 02/17/2018

## Summary of Analysis

LAB ID #	Client Sample #	Sample Description	Test	Fibrous Material	Non-Fibrous Material	Asbestos	Total Asbestos
41	41	Grey Homogenous Granular 2 - GROUT (GREY) CERAMIC FLOOR TILE, BED RM. #1 BATH RM.	NY ELAP 198.1 NY ELAP 198.6 NY ELAP 198.4		100% Non-Fibrous	None Detected	
42	42	Grey Homogenous Granular 2 - GROUT (GREY) CERAMIC FLOOR TILE, BATH RM. BETWEEN BED RM. #5 & 6	NY ELAP 198.1 NY ELAP 198.6 NY ELAP 198.4		100% Non-Fibrous	None Detected	
43	43	Beige Homogenous NOB 2 - 9X9 (GREY) VINYL FLOOR TILE (2ND LAYER) BED RM. #3 BATH RM.	NY ELAP 198.1 NY ELAP 198.6 NY ELAP 198.4			Inconclusive 2.0% Anthophyllite None Detected 10.2% Chrysotile	12.2%
44	44	Beige Homogenous NOB 2 - 9X9 (GREY) VINYL FLOOR TILE (2ND LAYER) BED RM. #3 BATH RM.	NY ELAP 198.1 NY ELAP 198.6 NY ELAP 198.4			Inconclusive Positive Stop None Detected Not Analyzed	
45	45	Beige Homogenous NOB 2 - LINOLEUM FLOORING (LIGHT BEIGE / GREY) (TOP LAYER), BED RM. #3 BATH RM.	NY ELAP 198.1 NY ELAP 198.6 NY ELAP 198.4			Inconclusive None Detected None Detected	
46	46	Beige Homogenous NOB 2 - LINOLEUM FLOORING (LIGHT BEIGE / GREY) (TOP LAYER), BED RM. #3 BATH RM.	NY ELAP 198.1 NY ELAP 198.6 NY ELAP 198.4			Inconclusive None Detected None Detected	
47	47	White Homogenous Cementitious A - BACKING ADHESIVE (GREY/BEIGE) CERAMIC WALL TILE, BATH RM.	NY ELAP 198.1 NY ELAP 198.6 NY ELAP 198.4		100% Non-Fibrous	None Detected	
48	48	White Homogenous Cementitious A - BACKING ADHESIVE (GREY/BEIGE) CERAMIC WALL TILE, BATH RM.	NY ELAP 198.1 NY ELAP 198.6 NY ELAP 198.4		100% Non-Fibrous	None Detected	
49	49	Black Homogenous NOB 2 - WATERPROOFING MSTC (BLK) PERIMETER WALL, BEHIND PLASTER, BED	NY ELAP 198.1 NY ELAP 198.6 NY ELAP 198.4			2.8% Chrysotile Not Analyzed	2.8%
50	50	Black Homogenous NOB 2 - WATERPROOFING MSTC (BLK) PERIMETER WALL, BEHIND PLASTER, BED	NY ELAP 198.1 NY ELAP 198.6 NY ELAP 198.4			Positive Stop Not Analyzed Not Analyzed	

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## Summary of Analysis

LAB ID #	Client Sample #	Sample Description	Test	Fibrous Material	Non-Fibrous Material	Asbestos	Total Asbestos
51	51	Brown Homogenous Granular B - WALL & CEILING PLASTER (BROWN COAT) THROUGHOUT	NY ELAP 198.1 NY ELAP 198.6 NY ELAP 198.4		100% Non-Fibrous	None Detected	
52	52	Brown Homogenous Granular 1 - WALL & CEILING PLASTER (BROWN COAT) THROUGHOUT	NY ELAP 198.1 NY ELAP 198.6 NY ELAP 198.4		100% Non-Fibrous	None Detected	
53	53	Brown Homogenous Granular 2 - WALL & CEILING PLASTER (BROWN COAT) THROUGHOUT	NY ELAP 198.1 NY ELAP 198.6 NY ELAP 198.4		100% Non-Fibrous	None Detected	
54	54	Brown Homogenous Granular A - WALL & CEILING PLASTER (BROWN COAT) THROUGHOUT	NY ELAP 198.1 NY ELAP 198.6 NY ELAP 198.4		100% Non-Fibrous	None Detected	
55	55	Brown Homogenous Granular B - WALL & CEILING PLASTER (BROWN COAT) THROUGHOUT	NY ELAP 198.1 NY ELAP 198.6 NY ELAP 198.4		100% Non-Fibrous	None Detected	
56	56	Brown Homogenous Granular 1 - WALL & CEILING PLASTER (BROWN COAT) THROUGHOUT	NY ELAP 198.1 NY ELAP 198.6 NY ELAP 198.4		100% Non-Fibrous	None Detected	
57	57	Brown Homogenous Granular 2 - WALL & CEILING PLASTER (BROWN COAT) THROUGHOUT	NY ELAP 198.1 NY ELAP 198.6 NY ELAP 198.4		100% Non-Fibrous	None Detected	
58	58	White Homogenous Fine Grained B - WALL & CEILING PLASTER WHITE COAT) THROUGHOUT	NY ELAP 198.1 NY ELAP 198.6 NY ELAP 198.4		100% Non-Fibrous	None Detected	
59	59	White Homogenous Fine Grained 1 - WALL & CEILING PLASTER WHITE COAT) THROUGHOUT	NY ELAP 198.1 NY ELAP 198.6 NY ELAP 198.4		100% Non-Fibrous	None Detected	
60	60	White Homogenous Fine Grained 2 - WALL & CEILING PLASTER WHITE COAT) THROUGHOUT	NY ELAP 198.1 NY ELAP 198.6 NY ELAP 198.4		100% Non-Fibrous	None Detected	
Comments No Adhesive Obsrvd, Anylzd as Friable; Smpls #35-38, 47-48, 87 & 88. Add. Samp. Sbmtd 81G-84G, 90 & 96 on 2/15/18 Anylzd by:MS							

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## Summary of Analysis

LAB ID #	Client Sample #	Sample Description	Test	Fibrous Material	Non-Fibrous Material	Asbestos	Total Asbestos
61	61	White Homogenous Fine Grained	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		A - WALL & CEILING PLASTER WHITE COAT)	NY ELAP 198.6				
		THROUGHOUT	NY ELAP 198.4				
62	62	White Homogenous Fine Grained	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		B - WALL & CEILING PLASTER WHITE COAT)	NY ELAP 198.6				
		THROUGHOUT	NY ELAP 198.4				
63	63	White Homogenous Fine Grained	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		1 - WALL & CEILING PLASTER WHITE COAT)	NY ELAP 198.6				
		THROUGHOUT	NY ELAP 198.4				
64	64	White Homogenous Fine Grained	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		2 - WALL & CEILING PLASTER WHITE COAT)	NY ELAP 198.6				
		THROUGHOUT	NY ELAP 198.4				
65	65	Brown Homogenous NOB	NY ELAP 198.1			Inconclusive	
		2 - VAP BARR (GREY) UNDERNEATH WOOD	NY ELAP 198.6			None Detected	
		FL, BATH RM. FOYER BY BED RM. #6	NY ELAP 198.4			None Detected	
66	66	Brown Homogenous NOB	NY ELAP 198.1			Inconclusive	
		2 - VAP BARR (GREY) UNDERNEATH WOOD	NY ELAP 198.6			None Detected	
		FL, BATH RM. FOYER BY BED RM. #6	NY ELAP 198.4			None Detected	
67	67	White Homogenous NOB	NY ELAP 198.1			Inconclusive	
		2 - CAULK (GREY / LIGHT GREY) EXTERIOR	NY ELAP 198.6			None Detected	
		WINDOW & DOOR FRAME	NY ELAP 198.4			None Detected	
68	68	White Homogenous NOB	NY ELAP 198.1			Inconclusive	
		1 - CAULK (GREY / LIGHT GREY) EXTERIOR	NY ELAP 198.6			None Detected	
		WINDOW & DOOR FRAME	NY ELAP 198.4			None Detected	
69	69	White Homogenous NOB	NY ELAP 198.1			Inconclusive	
		2 - GLAZING (WHITE) EXTERIOR WINDOW &	NY ELAP 198.6			None Detected	
		DOOR SASH	NY ELAP 198.4			None Detected	
70	70	White Homogenous NOB	NY ELAP 198.1			Inconclusive	
		1 - GLAZING (WHITE) EXTERIOR WINDOW &	NY ELAP 198.6			None Detected	
		DOOR SASH	NY ELAP 198.4			None Detected	

Comments No Adhesive Obsrvd, Anylzd as Friable; Smples #35-38, 47-48, 87 & 88. Add. Samp. Sbmtd 81G-84G, 90 & 96 on 2/15/18 Anylzd by:MS

Zlatan Dimitrijevic  
Laboratory Director

Moe Soliman / Mike Isaac  
PLM Analyst

Sylvia Choi  
TEM Analyst

NYS ELAP ID # 12003

NVLAP Lab Code 500081-0

# ASBESTOS ANALYSIS of BULK SAMPLE by POLARIZED LIGHT MICROSCOPY and TRANSMISSION ELECTRON MICROSCOPY

Client: **ALC Environmental**  
Address: 121 West 27th Street  
New York NY 10001  
P: (212) 675-5544 F: (212) 675-4698  
  
Contact: **Octavius Whitehead**  
M: (646) 388-3714  
E: [octavius.whitehead@alcenvironmental.com](mailto:octavius.whitehead@alcenvironmental.com)

Contract: **Liro Group**  
Client Job #: **Governor's Island**  
Location: **Bldg. #1**  
**NY**  
Sampled By: **C.O., H.A.**  
Sampled Date: **02/12/2018**  
Turnaround Time: **24 hrs**

Metro Lab ID #: **B18020335**  
  
Sample Received: 02/12/2018  
PLM Analysis Date: 02/13/2018  
TEM Analysis Date: 02/13/2018  
Amended By: Turiana Moreira  
Amended Date: 02/17/2018

## Summary of Analysis

LAB ID #	Client Sample #	Sample Description	Test	Fibrous Material	Non-Fibrous Material	Asbestos	Total Asbestos
71	71	Grey Homogenous Granular	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		R - MORTAR (GRY) BRICK CHIMNEY STACK FLUE	NY ELAP 198.6				
			NY ELAP 198.4				
72	72	Grey Homogenous Granular	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		R - MORTAR (GRY) BRICK CHIMNEY STACK FLUE	NY ELAP 198.6				
			NY ELAP 198.4				
73	73	Red Homogenous Cementitious	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		R - FIRE BRICK (RED) CHIMNEY STACK FLUE	NY ELAP 198.6				
			NY ELAP 198.4				
74	74	Red Homogenous Cementitious	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		R - FIRE BRICK (RED) CHIMNEY STACK FLUE	NY ELAP 198.6				
			NY ELAP 198.4				
75	75	Black Homogenous NOB	NY ELAP 198.1			Inconclusive	
		R - TAR FLASHING (BLACK) BASE OF CHIMNEY STACK FLUE	NY ELAP 198.6			None Detected	
			NY ELAP 198.4			None Detected	
76	76	Black Homogenous NOB	NY ELAP 198.1			Inconclusive	
		R - TAR FLASHING (BLACK) BASE OF CHIMNEY STACK FLUE	NY ELAP 198.6			None Detected	
			NY ELAP 198.4			None Detected	
77	77	Grey Homogenous NOB	NY ELAP 198.1			Inconclusive	
		R - CAULK (GREY) BASE OF CHIMNEY STACK FLUE	NY ELAP 198.6			None Detected	
			NY ELAP 198.4			None Detected	
78	78	Grey Homogenous NOB	NY ELAP 198.1			Inconclusive	
		R - CAULK (GREY) BASE OF CHIMNEY STACK FLUE	NY ELAP 198.6			None Detected	
			NY ELAP 198.4			None Detected	
79	79	Grey Homogenous Granular	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		1 - MORTAR (GREY) BRICK FACADE	NY ELAP 198.6				
			NY ELAP 198.4				
80	80	Grey Homogenous Granular	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		2 - MORTAR (GREY) BRICK FAÇADE	NY ELAP 198.6				
			NY ELAP 198.4				

Comments No Adhesive Obsrvd, Anlyzd as Friable; Smpls #35-38, 47-48, 87 & 88. Add. Samp. Sbmtd 81G-84G, 90 & 96 on 2/15/18 Anlyzd by:MS

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Contract: **Liro Group**  
Client Job #: **Governor's Island**  
Location: **Bldg. #1**  
**NY**  
Sampled By: **C.O., H.A.**  
Sampled Date: **02/12/2018**  
Turnaround Time: **24 hrs**

Metro Lab ID #: **B18020335**  
  
Sample Received: 02/12/2018  
PLM Analysis Date: 02/13/2018  
TEM Analysis Date: 02/13/2018  
Amended By: Turiana Moreira  
Amended Date: 02/17/2018

## Summary of Analysis

LAB ID #	Client Sample #	Sample Description	Test	Fibrous Material	Non-Fibrous Material	Asbestos	Total Asbestos
81	81-FLOOR TILE	Black Homogenous NOB	NY ELAP 198.1			Inconclusive	None Detected
		1 - 12X12 (BLACK) VINYL FLOOR TILE W / GLUE (TAN / BEIGE) KITCHEN	NY ELAP 198.6			None Detected	
			NY ELAP 198.4				
82	82- FLOOR TILE	Black Homogenous NOB	NY ELAP 198.1			Inconclusive	None Detected
		1 - 12X12 (BLACK) VINYL FLOOR TILE W / GLUE (TAN / BEIGE) KITCHEN	NY ELAP 198.6			None Detected	
			NY ELAP 198.4				
83	81-GLUE	Beige Homogenous NOB	NY ELAP 198.1			Inconclusive	None Detected
		1 - 12X12 (BLACK) VINYL FLOOR TILE W / GLUE (TAN / BEIGE) KITCHEN	NY ELAP 198.6			None Detected	
			NY ELAP 198.4				
84	82-GLUE	Black Homogenous NOB	NY ELAP 198.1			Inconclusive	None Detected
		1 - 12X12 (BLACK) VINYL FLOOR TILE W / GLUE (TAN / BEIGE) KITCHEN	NY ELAP 198.6			None Detected	
			NY ELAP 198.4				
85	83-FLOOR TILE	Beige Homogenous NOB	NY ELAP 198.1			Inconclusive	None Detected
		- 12X12 (WHITE) VINYL FLOOR TILE W / GLUE (TAN / BEIGE) KITCHEN	NY ELAP 198.6			None Detected	
			NY ELAP 198.4				
86	84-FLOOR TILE	Beige Homogenous NOB	NY ELAP 198.1			Inconclusive	None Detected
		- 12X12 (WHITE) VINYL FLOOR TILE W / GLUE (TAN / BEIGE) KITCHEN	NY ELAP 198.6			None Detected	
			NY ELAP 198.4				
87	83-GLUE	Tan Homogenous NOB	NY ELAP 198.1			Inconclusive	None Detected
		- 12X12 (WHITE) VINYL FLOOR TILE W / GLUE (TAN / BEIGE) KITCHEN	NY ELAP 198.6			None Detected	
			NY ELAP 198.4				
88	84-GLUE	Tan Homogenous NOB	NY ELAP 198.1			Inconclusive	None Detected
		- 12X12 (WHITE) VINYL FLOOR TILE W / GLUE (TAN / BEIGE) KITCHEN	NY ELAP 198.6			None Detected	
			NY ELAP 198.4				
89	85	Brown Homogenous NOB	NY ELAP 198.1			Inconclusive	None Detected
		1 - COMPRESSED FLOOR BOARD (GREY) PANTRY	NY ELAP 198.6			None Detected	
			NY ELAP 198.4				
90	86	Brown Homogenous NOB	NY ELAP 198.1			Inconclusive	None Detected
		1 - COMPRESSED FLOOR BOARD (GREY) PANTRY	NY ELAP 198.6			None Detected	
			NY ELAP 198.4				

Comments No Adhesive Obsrvd, Anylzd as Friable; Smpis #35-38, 47-48, 87 & 88. Add. Samp. Sbmtd 81G-84G, 90 & 96 on 2/15/18 Anylzd by:MS

Zlatan Dimitrijevic  
Laboratory Director

Moe Soliman / Mike Isaac  
PLM Analyst

Sylvia Choi  
TEM Analyst

NYS ELAP ID # 12003

NVLAP Lab Code 500081-0



# ASBESTOS ANALYSIS of BULK SAMPLE by POLARIZED LIGHT MICROSCOPY and TRANSMISSION ELECTRON MICROSCOPY

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Contact: **Octavius Whitehead**  
M: (646) 388-3714  
E: [octavius.whitehead@alcenvironmental.com](mailto:octavius.whitehead@alcenvironmental.com)

Contract: **Liro Group**  
Client Job #:  
Location: **Governor's Island  
Bldg. #1  
NY NY**  
  
Sampled By: C.O., H.A.  
Sampled Date: 02/12/2018  
Turnaround Time: 24 hrs

Metro Lab ID #: **B18020335**  
  
Sample Received: 02/12/2018  
PLM Analysis Date: 02/13/2018  
TEM Analysis Date: 02/13/2018  
Amended By: Turiana Moreira  
Amended Date: 02/17/2018

## Summary of Analysis

LAB ID #	Client Sample #	Sample Description	Test	Fibrous Material	Non-Fibrous Material	Asbestos	Total Asbestos
91	87	Grey / White Inhomogenous Cementitious	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		1 - BACKING ADHESIVE (GREY / WHITE)	NY ELAP 198.6				
		CERAMIC WALL TILE, KITCHEN	NY ELAP 198.4				
92	88	Grey / White Inhomogenous Cementitious	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		1 - BACKING ADHESIVE (GREY / WHITE)	NY ELAP 198.6				
		CERAMIC WALL TILE, KITCHEN	NY ELAP 198.4				
93	89	Black Homogenous NOB	NY ELAP 198.1			2.4% Chrysotile	2.4%
		1 - SINK UNDERCOAT (BLACK) KITCHEN	NY ELAP 198.6			Not Analyzed	
			NY ELAP 198.4				
94	90	Black Homogenous NOB	NY ELAP 198.1			4.2% Chrysotile	4.2%
		1 - SINK UNDERCOAT (BLACK) PANTRY	NY ELAP 198.6			Not Analyzed	
			NY ELAP 198.4				
95	91-COVE BASE	Black Homogenous NOB	NY ELAP 198.1			Inconclusive	
		1 - COVE BASE (BLACK) W / GLUE (BEIGE)	NY ELAP 198.6			None Detected	
		KITCHEN	NY ELAP 198.4			None Detected	
96	92-COVE BASE	Black Homogenous NOB	NY ELAP 198.1			Inconclusive	
		1 - COVE BASE (BLACK) W / GLUE (BEIGE)	NY ELAP 198.6			None Detected	
		KITCHEN	NY ELAP 198.4			None Detected	
97	91-GLUE	Beige Homogenous NOB	NY ELAP 198.1			Inconclusive	
		1 - COVE BASE (BLACK) W / GLUE (BEIGE)	NY ELAP 198.6			None Detected	
		KITCHEN	NY ELAP 198.4			None Detected	
98	92-GLUE	Beige Homogenous NOB	NY ELAP 198.1			Inconclusive	
		1 - COVE BASE (BLACK) W / GLUE (BEIGE)	NY ELAP 198.6			None Detected	
		KITCHEN	NY ELAP 198.4			None Detected	
99	93-COVE BASE	Beige Homogenous NOB	NY ELAP 198.1			Inconclusive	
		1 - COVE BASE (BEIGE) W / GLUE (BEIGE)	NY ELAP 198.6			None Detected	
		PANTRY	NY ELAP 198.4			None Detected	
100	94-COVE BASE	Beige Homogenous NOB	NY ELAP 198.1			Inconclusive	
		1 - COVE BASE (BEIGE) W / GLUE (BEIGE)	NY ELAP 198.6			None Detected	
		PANTRY	NY ELAP 198.4			None Detected	

Comments No Adhesive Obsrvd, Anylzd as Friable; Smples #35-38, 47-48, 87 & 88. Add. Samp. Sbmtd 81G-84G, 90 & 96 on 2/15/18 Anylzd by:MS

Zlatan Dimitrijevic  
Laboratory Director

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PLM Analyst

Sylvia Choi  
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E: [octavius.whitehead@alcenvironmental.com](mailto:octavius.whitehead@alcenvironmental.com)

Contract: **Liro Group**  
Client Job #: **Governor's Island**  
Location: **Bldg. #1**  
**NY**  
Sampled By: **C.O., H.A.**  
Sampled Date: **02/12/2018**  
Turnaround Time: **24 hrs**

Metro Lab ID #: **B18020335**  
  
Sample Received: 02/12/2018  
PLM Analysis Date: 02/13/2018  
TEM Analysis Date: 02/13/2018  
Amended By: Turiana Moreira  
Amended Date: 02/17/2018

## Summary of Analysis

LAB ID #	Client Sample #	Sample Description	Test	Fibrous Material	Non-Fibrous Material	Asbestos	Total Asbestos
101	93-GLUE	Beige Homogenous NOB	NY ELAP 198.1			Inconclusive	None Detected
		1 - COVE BASE (BEIGE) W / GLUE (BEIGE)	NY ELAP 198.6			None Detected	
		PANTRY	NY ELAP 198.4			None Detected	
102	94-GLUE	Beige Homogenous NOB	NY ELAP 198.1			Inconclusive	None Detected
		1 - COVE BASE (BEIGE) W / GLUE (BEIGE)	NY ELAP 198.6			None Detected	
		PANTRY	NY ELAP 198.4			None Detected	
103	95-FLOOR TILE	Orange Homogenous NOB	NY ELAP 198.1			2.8% Chrysotile	2.8%
		B - 9X9 (ORANGE) VINYL FLOOR TILE W /	NY ELAP 198.6			Not Analyzed	
		MASTIC (BLACK) EAST ROOM	NY ELAP 198.4				
104	96-FLOOR TILE	Orange Homogenous NOB	NY ELAP 198.1			Positive Stop	Not Analyzed
		B - 9X9 (ORANGE) VINYL FLOOR TILE W /	NY ELAP 198.6			Not Analyzed	
		MASTIC (BLACK) EAST ROOM	NY ELAP 198.4			Not Analyzed	
105	95-MASTIC	Black Homogenous NOB	NY ELAP 198.1			Inconclusive	None Detected
		B - 9X9 (ORANGE) VINYL FLOOR TILE W /	NY ELAP 198.6			Chrysotile - Trace	
		MASTIC (BLACK) EAST ROOM	NY ELAP 198.4				
106	96-MASTIC	Black Homogenous NOB	NY ELAP 198.1			Inconclusive	None Detected
		B - 9X9 (ORANGE) VINYL FLOOR TILE W /	NY ELAP 198.6			Chrysotile - Trace	
		MASTIC (BLACK) EAST ROOM	NY ELAP 198.4				
107	97	Black Homogenous NOB	NY ELAP 198.1			4.8% Chrysotile	4.8%
		B - WATERPROOFING MASTIC (BLACK)	NY ELAP 198.6			Not Analyzed	
		OVER BRICK AND STONE PERIMETER WALL,	NY ELAP 198.4				
108	98	Black Homogenous NOB	NY ELAP 198.1			Positive Stop	Not Analyzed
		B - WATERPROOFING MASTIC (BLACK)	NY ELAP 198.6			Not Analyzed	
		OVER BRICK AND STONE PERIMETER WALL,	NY ELAP 198.4				
109	99	Grey Homogenous Cementitious	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		B - BOILER BREECHER INSULATION (GREY)	NY ELAP 198.6				
		EXHAUST FLUE, BOILER RM.	NY ELAP 198.4				
110	100	Grey Homogenous Cementitious	NY ELAP 198.1		100% Non-Fibrous	None Detected	
		B - BOILER BREECHER INSULATION (GREY)	NY ELAP 198.6				
		EXHAUST FLUE, BOILER RM.	NY ELAP 198.4				

Comments No Adhesive Obsrvd, Anyzld as Friable; Smples #35-38, 47-48, 87 & 88. Add. Samp. Sbmtd 81G-84G, 90 & 96 on 2/15/18 Anyzld by:MS

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NYS ELAP ID # 12003

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by POLARIZED LIGHT MICROSCOPY and  
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Contract: **Liro Group**

Client Job #: **Governor's Island Bldg. #1**

Location: **NY**

Sampled By: **C.O., H.A.**

Sampled Date: **02/12/2018**

Turnaround Time: **24 hrs**

Metro Lab ID #: **B18020335**

Sample Received: 02/12/2018

PLM Analysis Date: 02/13/2018

TEM Analysis Date: 02/13/2018

Amended By: Turiana Moreira

Amended Date: 02/17/2018

Summary of Analysis								
LAB ID #	Client Sample #	Sample Description	Test	Fibrous Material	Non-Fibrous Material	Asbestos		Total Asbestos
111	101	Grey Homogenous Cementitious	NY ELAP 198.1		100% Non-Fibrous	None Detected		
		B - BOILER BREECHER INSULATION - GREY	NY ELAP 198.6					
		EXHAUST BOILER FUEL ROOM	NY ELAP 198.4					
112	102	Grey Homogenous Fibrous	NY ELAP 198.1	84% Cellulose	10% Gypsum	6.0% Chrysotile		6.0%
		B - AIRCELL TO PIPE LIGHT GREY - HALLWAY	NY ELAP 198.6					
			NY ELAP 198.4					
113	103	B - AIRCELL TO PIPE LIGHT GREY - HALLWAY	NY ELAP 198.1			Positive Stop	Not Analyzed	
			NY ELAP 198.6					
			NY ELAP 198.4					
114	104	B - AIRCELL TO PIPE LIGHT GREY - HALLWAY	NY ELAP 198.1			Positive Stop	Not Analyzed	
			NY ELAP 198.6					
			NY ELAP 198.4					
115	105	Grey Homogenous Fibrous	NY ELAP 198.1	56% Cellulose	40% Gypsum	4.0% Chrysotile		4.0%
		B - INSULATION TO FITTINGS - HALLWAY	NY ELAP 198.6					
			NY ELAP 198.4					
116	106	B - INSULATION TO FITTINGS - HALLWAY	NY ELAP 198.1			Positive Stop	Not Analyzed	
			NY ELAP 198.6					
			NY ELAP 198.4					
117	107	B - INSULATION TO FITTINGS - EAST ROOM	NY ELAP 198.1			Positive Stop	Not Analyzed	
			NY ELAP 198.6					
			NY ELAP 198.4					
Comments    No Adhesive Obsrvd, Anlyzsd as Friable; Smppls #35-38, 47-48, 87 & 88. Add. Samp. Sbmtrd 81G-84G, 90 & 96 on 2/15/18 Anlyzsd by:MS								



Zlatan Dimitrijevic  
Laboratory Director



Moe Soliman / Mike Isaac  
PLM Analyst



Sylvia Choi  
TEM Analyst

NYS ELAP ID # 12003

NVLAP Lab Code 500081-0

## General Notes and Disclaimers

- The samples analyzed in this report were not collected by this laboratory - they were received from the client, or an agent of the client, in good condition, unless otherwise noted.
- All results are calculated based on client-provided measurements.
- The report shall not be reproduced, except in full, without the written approval of the laboratory.
- This report relates only to the samples tested. It may not be used by the client to claim project endorsement by NVLAP, NYS ELAP, or any other government agency.
- All samples will be properly disposed of after 60 days.
- Quality Control data (including 95% confidence limits, laboratory / analysis accuracy and precision) is available upon request.

## Notes Regarding Asbestos Testing

- Air Sample Analysis by Phase Contrast Microscopy (PCM) adheres to Method NIOSH-7400. Results  $< 7$  fibers /  $\text{mm}^2$  are statistically insignificant.
- Percentages are calculated using the EPA equivalent Stratified Point-Count Method.
- Bulk Sample Analysis by Polarized Light Microscopy (PLM) Friable adheres to EPA/600/M4-082-20 or NYS ELAP 198.1.
- Bulk Sample Analysis by Polarized Light Microscopy (PLM) NOB adheres to NYS ELAP 198.6. This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.
- All inhomogeneous layers of the bulk samples were analyzed separately.
- Analytical results are sometimes based on the residue percentage(s) provided by the client along with the filters. Trace denotes asbestos detected at  $< 1\%$ . Similarly, samples below quantitation limit (RL) are reported with a less than sign ( $<$ ).
- Polarized Light Microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.
- Bulk Sample Analysis by Transmission Electron Microscopy (TEM) NOB adheres to NYS ELAP Method 198.4.
- Air Sample Analysis by Transmission Electron Microscopy (TEM) adheres to Method EPA CFR Part 763 Final Rule (AHERA).
- Air Sample Analysis by Transmission Electron Microscopy (TEM) Worksheets are available upon request.



B18020 335

PAGE 1 of 11

Environmental, Inc.  
121 West 27th Street, 4th Floor  
New York, NY 10001  
Phone: (212) 675-5544 Fax: (212) 675-6718

# ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LABORATORY NAME:

Metro

255 W 36 Street, New York NY

EAP 112003

Laboratory Job #

CLIENT NAME: Lico Group  
PROJECT NAME/LOCATION: Governors Island, BLOG 1  
SCOPE OF WORK: NY  
DATE OF INSPECTION: 2-12-18  
INVESTIGATOR / INSPECTOR NAME(S): C. Oriola H. Ali

10:00 AM - 5 PM  
RUSH 3 Hr. 24 Hr. 48 Hr. 72 Hr. (TA)  
PLM PLM-NOR TEM-NOR (Circle)  
1st Positive Stop - Per. Each HA Group

SAMPLE ID NUMBER	FLOOR AREA	SAMPLED MATERIAL LOCATION & SAMPLED MATERIAL DESCRIPTION	HA GROUP	QUANTITY SF/LF	CONDITION	LAB RESULTS
1	1st	Mortar (Light Gray/White) Brick fire place conservatory mantle	1A	200sf	F	SAEP
2	2nd	↓ ( ↓ ) ↓ Bed Rm #4	↓	↓	↓	↓
3	1st	Fire Brick, fire place mantle, Drawing Room	1B	↓	↓	↓
4	2nd	↓ ↓ Bed Rm #3	↓	↓	↓	↓
5	↓	Mortar (Gray) Floor/Base of Brick fire mantle, Bed Rm #2	2A	70sf	↓	SAEP
6	↓	↓ ( ↓ ) ↓ Bed Rm #2	↓	↓	↓	↓
7	↓	Fire Brick (Red) Floor/Base of fire place mantle, Bed Rm #3	2B	↓	↓	↓
8	↓	↓ ( ↓ ) ↓ Bed Rm #2	↓	↓	↓	↓
9	1st	Wall Paper (Light Flower pattern) w/ (Beise) Glue, conservatory	3	210sf	↓	↓
10	1st	↓ ( ↓ ) ↓ ( ↓ ) ↓ Bath Rm	3	↓	↓	↓

ADDITIONAL COMMENTS:

SAEP = Stop At First Positive. 2 sf of Assumed Braided wire observed in Attic Level, Platform.

RELINQUISHED BY:

NAME: C. Oriola SIGNATURE:  Time: Date: 2/12/18

RELINQUISHED BY:

NAME: SIGNATURE: Time: Date:

RECEIVED BY:

NAME: SIGNATURE:  Time: 2:05 PM Date: 2-12-18

ANALYZED BY:

NAME: SIGNATURE: Time: Date:

Sample #15-22 was also observed in Game Rm Bath Rm FLOOR

Email Results to: chino.oriola@alcenv.com; sergey.shulyak@alcenv.com; pat.mullo@alcenv.com; bianca.colon@alcenv.com; adriana.tula@alcenv.com; rene.delgado@alcenv.com

Condition Assessment: G-Good F-Fair P-Poor



B18020335

PAGE 2 of 11

ALC Environmental, Inc.

121 West 27th Street, 4th Floor

New York, NY 10001

Phone: (212) 675-5544 Fax: (212) 675-6718

## ASBESTOS BULK SAMPLING

## CHAIN OF CUSTODY

LABORATORY NAME:

Metro

255 W 36 Street, New York NY

ELAP #12003

Laboratory Job #

CLIENT NAME: Liro Group  
PROJECT NAME/LOCATION: Governors Island NY, BLDG-210 AM - 5 PM  
RUSH 3 Hr. 24 Hr. 48 Hr. 72 Hr. (TAT)

SCOPE OF WORK:

DATE OF INSPECTION: 2-12-18

PLM PLM-NOB TEM-NOB (Circle)

INVESTIGATOR / INSPECTOR NAME(S): C. Oriola / H. Ali

1st Positive Stop - Per. Each HA Group

SAMPLE ID NUMBER	FLOOR AREA	SAMPLED MATERIAL LOCATION & SAMPLED MATERIAL DESCRIPTION	HA GROUP	Quantity SF/LF	CONDITION	LAB RESULTS
11	1 <sup>st</sup>	Gypsum board walls, Throughout	4A	8,000 SF	F	
12	2 <sup>nd</sup>	↓ ↓	↓	↓	↓	
13	1 <sup>st</sup>	Joint-Compound material (white) <sup>ASS</sup> with gypsum board	4B	↓	↓	
14	2 <sup>nd</sup>	↓ (↓) ↓	↓	↓	↓	
15	1 <sup>st</sup>	Mastic / Glue (Black / Beige) <sup>under</sup> 9x9 VFT, <sup>Conservatory</sup> Bath Rm	5A	140 SF		SAFP
16	1 <sup>st</sup>	↓ (↓) ↓ ↓	↓	↓	↓	
17	1 <sup>st</sup>	9x9 (Black) Vinyl floor tile (2 <sup>nd</sup> Layer)	5B	140 SF	↓	
18	1 <sup>st</sup>	↓ (↓) ↓ (↓)	↓	↓	↓	
19	1 <sup>st</sup>	Glue (Tan) <sup>under</sup> 12x12 VFT	5C	40 SF	↓	
20	1 <sup>st</sup>	↓ (↓) ↓	↓	↓	↓	

## ADDITIONAL COMMENTS:

Sample #17-18 was also observed in Bed Rm #3 Bath Rm &amp; Base / Landing of stair well (North) to Basement Level.

RELINQUISHED BY:

NAME: C. Oriola SIGNATURE:  Time: Date: 2/12/18

RELINQUISHED BY:

NAME: SIGNATURE: Time: Date:

RECEIVED BY:

NAME: SIGNATURE:  Time: 7:00 PM Date: 2-12-18

ANALYZED BY:

NAME: SIGNATURE: Time: Date:

Email Results to: chino.oriola@alcenv.com; sergey.shulyak@alcenv.com; pat.mullo@alcenv.com; bianca.colon@alcenv.com; arriana.tula@alcenv.com; rene.delgado@alcenv.com

Condition Assessment: G-Good F-Fair P-Poor



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ASBESTOS BULK SAMPLING  
CHAIN OF CUSTODY

B18020335

PAGE 3 of 11

LABORATORY NAME: Metro Analytical Laboratories 255 W 36 Street, New York NY				ELAP #12003  Laboratory Job #							
CLIENT NAME: Liro Group				10 AM - 5 PM							
PROJECT NAME/LOCATION: Governors Island NY, BLDG-1				RUSH	3 Hr.	24 Hr.	48 Hr.	72 Hr.	(TAT)		
SCOPE OF WORK:											
DATE OF INSPECTION: 2-12-18				PLM	PLM-NOB	TEM-NOB	(Circle)				
Investigator/ Inspector Name(s) Chinomso Oriala/Sergey Shulyak H. ALI				1st Positive Stop - Per. Each HA Group							
SAMPLE ID NUMBER	FLOOR AREA	SAMPLED MATERIAL LOCATION & SAMPLED MATERIAL DESCRIPTION				HA GROUP	Quantity SF/LF	CONDI TION	LAB RESULTS		
21	1st	12x12 (Beige) Vinyl Floor tile (Top Layer) Conservatory Bath Rm				5D	40 SF	F	↓		
22	1st	↓ ( ↓ ) ↓ ( ↓ ) ↓				↓	↓	↓	↓		
23	1st	Pipe Insulation (Brown paper piping insulation) Conservatory Bath Rm				6	65 LF				
24	2nd	( ↓ ) Bath Rm Between Bed Rm #1 & 2				↓	↓				
25	Attic	( ↓ ) Bath Rm				↓	↓				
26	1st	Horse Hair pipe insulation (brown) Conservatory Bath Rm				7	35 LF				
27	↓	( ↓ ) ↓				↓	↓				
28	↓	↓ ( ↓ ) ↓				↓	↓				
29	2nd	Backing Adhesive (Gray) ceramic wall Tile, Bed Rm #3 Bath Rm				8	120 SF				
30	↓	↓ ( ↓ ) ↓ Bed Rm #4 Bath Rm				8	↓	↓			
ADDITIONAL COMMENTS: sample #23-25 was observed in walls (vertical) by Bath Room's.											
RELINQUISHED BY: Sergey Shulyak					RELINQUISHED BY:						
NAME: Schulyak C. Oriala		SIGNATURE:		Time:	Date: 2/12/18		NAME:		SIGNATURE:	Time:	Date:
RECEIVED BY:					ANALYZED BY:						
NAME:		SIGNATURE:		Time: 7:05 PM	Date: 2-12-18		NAME:		SIGNATURE:	Time:	Date:

Email Results to: chino.oriala@alcenv.com; sergey.shulyak@alcenv.com; pat.mullo@alcenv.com; bianca.colon@alcenv.com; adriana.tula@alcenv.com; irene.delgado@alcenv.com

Condition Assessment: G-Good F-Fair P-Poor



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ASBESTOS BULK SAMPLING  
CHAIN OF CUSTODY

B18020335

PAGE 4 of 11

CLIENT NAME: <u>Liro Group</u>		LABORATORY NAME: <u>Metro Analytical Laboratories</u> 255 W 36 Street, New York NY		ELAP #12003 Laboratory Job #			
PROJECT NAME/LOCATION: <u>Governors Island NY, BLDG 1</u>		10 AM - 5 PM					
SCOPE OF WORK:		RUSH	3 Hr.	24 Hr.	48 Hr. 72 Hr. (TAT)		
DATE OF INSPECTION: <u>2-12-18</u>		PLM	PLM-NOB	TEM-NOB	(Circle)		
Investigator/ Inspector Name(s) <u>Chinomso Oriala/Sergey Shulyak</u>		1st Positive Stop - Per. Each HA Group					
SAMPLE ID NUMBER	FLOOR AREA	SAMPLED MATERIAL LOCATION & SAMPLED MATERIAL DESCRIPTION		HA GROUP	Quantity SF/LF	CONDI TION	LAB RESULTS
31	2nd	wall paper (Flower pattern/white) Bed Rm #3 Bath Rm		9	90 sf	F	
32		↓ ( ↓ ) ↓		9	↓		
33		wall paper (Flower pattern) with Glue Behind Bath Rm Between Bed Rm #5 & 6		10	95 sf		
34		↓ ( ↓ ) ↓		10	↓		
35		Backing Adhesive (Beige) ceramic wall tile, Bed Rm #2 Bath Rm		11	85 sf		
36		↓ ( ↓ ) ↓		11	↓		
37		↓ (white) ↓ Bath Rm Between Bed Rm #5 & 6		12	110 sf		
38		↓ ( ↓ ) ↓ Bed Rm #6 Bath Rm		12	↓		
39		Grout (White/Light Gray) ceramic wall tile, All Bath Rm's		13	560 sf		
40	✓	↓ ( ↓ ) ↓		13	↓	✓	
ADDITIONAL COMMENTS:							
RELINQUISHED BY: <u>Sergey Shulyak</u>				RELINQUISHED BY:			
NAME: <u>Schulyak</u>		SIGNATURE: <u>C. Oriala</u>		NAME:		SIGNATURE:	
Time:		Date: <u>2/12/18</u>		Time:		Date:	
RECEIVED BY:				ANALYZED BY:			
NAME:		SIGNATURE: <u>SW</u>		NAME:		SIGNATURE:	
Time:		Date: <u>2-12-18</u>		Time:		Date:	

Email Results to: chino.oriala@alcenv.com; sergey.shulyak@alcenv.com; pat.mullo@alcenv.com; bianca.colon@alcenv.com; adriana.tula@alcenv.com; irene.delgado@alcenv.com

Condition Assessment: G-Good F-Fair P-Poor



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ASBESTOS BULK SAMPLING  
CHAIN OF CUSTODY

B18020335

PAGE 5 of 11

LABORATORY NAME: Metro  
255 W 36 Street, New York NY

ELAP #12003  
Laboratory Job #

10 AM - 5 PM  
RUSH 3 Hr. 24 Hr. 48 Hr. 72 Hr. (TAT)

PLM PLM-NOB TEM-NOB (Circle)  
1st Positive Stop - Per. Each HA Group

CLIENT NAME: Liro Group  
PROJECT NAME/LOCATION: Governors Island NY, BLDG 2  
SCOPE OF WORK:  
DATE OF INSPECTION: 2-12-18  
INVESTIGATOR / INSPECTOR NAME(S): C. Oriola / H. Ali

SAMPLE ID NUMBER	FLOOR AREA	SAMPLED MATERIAL LOCATION & SAMPLED MATERIAL DESCRIPTION	HA GROUP	Quantity SF/LF	CONDIT ION	LAB RESULTS
41	2nd	Grout (Gray) Floor Tile - Bed Rm #1	14	125 sf	F	
42	2nd	↓ (↓) ↓ Bath Rm	14	↓		
43	2nd	9x9 (Gray) Vinyl Floor tile (2nd Layer) Bed Rm #3	15A	35 sf		SAFP
44	2nd	↓ (↓) ↓ (↓)	↓	↓		↓
45	↓	Linoleum Flooring (Light Beige / Gray) (Top Layer)	15B	↓		↓
46	↓	↓ (↓) ↓ (↓)	↓	↓		↓
47	Attic	Backing Adhesive (Gray/Beige) Ceramic wall Tile, Bath Rm	16	90 sf		
48	Attic	↓ (↓) ↓	↓	↓		
49	2nd	water proofing mastic (Black) Perimeter Behind Bed Rm #3	17	1,440 sf		
50	↓	↓ (↓) ↓	17	↓		

ADDITIONAL COMMENTS:

sample #49-50 was observed & sampled in Bed Rm #3, But is Assumed to be Throughout

RELINQUISHED BY:		RELINQUISHED BY:	
NAME: C. Oriola	SIGNATURE:	NAME:	SIGNATURE:
RECEIVED BY:	Time: 7:05 PM	ANALYZED BY:	Time:
NAME:	SIGNATURE:	NAME:	SIGNATURE:
Time: 2-12-18	Date: 2-12-18	Time:	Date:

Email Results to: chino.oriola@alcenv.com; sergey.shulyak@alcenv.com; pat.mullo@alcenv.com; blanca.colon@alcenv.com; adriana.tula@alcenv.com; rene.delgado@alcenv.com

Condition Assessment: G-Good F-Fair P-Poor



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ASBESTOS BULK SAMPLING  
CHAIN OF CUSTODY

B18020335

PAGE 6 of 11

CLIENT NAME: <u>Lico Group</u>		LABORATORY NAME: <u>Metro Analytical Laboratories</u>		ELAP #12003			
PROJECT NAME/LOCATION: <u>Governors Island NY, BLDG 2</u>		255 W 36 Street, New York NY		Laboratory Job #			
SCOPE OF WORK:		10 AM - 5 PM					
DATE OF INSPECTION: <u>2-12-18</u>		RUSH	3 Hr.	24 Hr.	48 Hr.	72 Hr.	(TAT)
Investigator/ Inspector Name(s) <u>Chinomso Oriala / Sergey Shulyak - H. ALI</u>		PLM	PLM-NOB	TEM-NOB	(Circle)		
SAMPLE ID NUMBER		FLOOR AREA	SAMPLED MATERIAL LOCATION & SAMPLED MATERIAL DESCRIPTION	HA GROUP	Quantity SF/LF	CONDI TION	LAB RESULTS
51	Basement	Wall & Ceiling Plaster (Brown Coat) Throughout	18A	20,000 SF	F	S A F P	
52	1st						
53	2nd						
54	Attic						
55	Bsm+						
56	1st						
57	2nd						
58	Bsm+	(White Coat)	18B				
59	1st						
60	2nd						
ADDITIONAL COMMENTS: <u>Wall &amp; Ceiling Plaster is Homogenous.</u>							
RELINQUISHED BY: <u>Sergey Shulyak</u>				RELINQUISHED BY:			
NAME: <u>Schulyak</u>		SIGNATURE: <u>C. Oriala</u>		NAME:		SIGNATURE:	
Time:		Date: <u>2/12/18</u>		Time:		Date:	
RECEIVED BY:				ANALYZED BY:			
NAME:		SIGNATURE: <u>SL</u>		NAME:		SIGNATURE:	
Time: <u>7:05 PM</u>		Date: <u>2-12-18</u>		Time:		Date:	

Email Results to: chino.oriala@alcenv.com; sergey.shulyak@alcenv.com; pat.mullo@alcenv.com; bianca.colon@alcenv.com; adriana.tula@alcenv.com; irene.delgado@alcenv.com

Condition Assessment: G-Good F-Fair P-Poor



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ASBESTOS BULK SAMPLING  
CHAIN OF CUSTODY

B18020335 PAGE 7 of 11

LABORATORY NAME: Metro  
255 W 36 Street, New York NY  
ELAP #12003  
Laboratory Job #  
10 AM - 5 PM  
RUSH 3 Hr. 24 Hr. 48 Hr. 72 Hr. (TA)  
PLM PLM-NOB TEM-NOB (Click)  
1st Positive Stop - Per. Each HA Group

CLIENT NAME: Liro Group  
PROJECT NAME/LOCATION: Governors Island NY, BLDG 1  
SCOPE OF WORK:  
DATE OF INSPECTION: 2-12-18  
INVESTIGATOR / INSPECTOR NAME(S): C. Oriola / H. Ali

SAMPLE ID NUMBER	FLOOR AREA	SAMPLED MATERIAL LOCATION & SAMPLED MATERIAL DESCRIPTION	HA GROUP	Quantity SF/LF	CONDITION	LAB RESULTS
61	Attic	Wall & Ceiling Plaster (White Coat) Throughout	18B		F	
62	Bsmt					
63	1st					
64	2nd					
65	2nd	Vapor Barrier (Gray) Underneath Bathrm floor by wood floor, Bedrm #6	19	15 SF		
66	2nd		19			
67	2nd	Caulk (Gray/Light Gray) Exterior window & door frame	20	90 SF		
68	1st		20			
69	2nd	Glazing (white) Exterior window & door sash	21	135 SF		
70	1st		21			

ADDITIONAL COMMENTS:

RELINQUISHED BY:	RELINQUISHED BY:
NAME: C. Oriola	NAME:
SIGNATURE:	SIGNATURE:
Time:	Time:
Date: 2/12/18	Date:
RECEIVED BY:	ANALYZED BY:
NAME:	NAME:
SIGNATURE:	SIGNATURE:
Time: 7:05 PM	Time:
Date: 2-12-18	Date:

Email Results to: chino.oriola@alcenv.com; sergey.shulyak@alcenv.com; pat.mullo@alcenv.com; blanca.colon@alcenv.com; adriana.tula@alcenv.com; rene.delgado@alcenv.com

Condition Assessment: G-Good F-Fair P-Poor



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ASBESTOS BULK SAMPLING  
CHAIN OF CUSTODY

B18020335 PAGE 8 of 11

CLIENT NAME: <u>Liro Group</u> PROJECT NAME/LOCATION: <u>Governors Island NY, BLDG 1</u> SCOPE OF WORK: DATE OF INSPECTION: <u>2-12-18</u> Investigator/ Inspector Name(s): <u>Chinomso Oriala/Sergey Shulyak - H.ALI</u>				LABORATORY NAME: Metro Analytical Laboratories 255 W 36 Street, New York NY		ELAP #12003  Laboratory Job #	
				10 AM - 5 PM RUSH    3 Hr. <u>24 Hr.</u> 48 Hr.    72 Hr.    (TAT)			
DATE OF INSPECTION: <u>2-12-18</u> Investigator/ Inspector Name(s): <u>Chinomso Oriala/Sergey Shulyak - H.ALI</u>				PLM    PLM-NOB    TEM-NOB    (Circle) 1st Positive Stop - Per. Each HA Group			
SAMPLE ID NUMBER	FLOOR AREA	SAMPLED MATERIAL LOCATION & SAMPLED MATERIAL DESCRIPTION	HA GROUP	Quantity SF/LF	CONDI TION	LAB RESULTS	
71	ROOF	Mortar (Gray) Brick Chimney stack Flue	22	420 sf	F		
72		↓ ( ↓ ) ↓	22	↓	↓		
73		Fire-Brick (Red) Chimney stack Flue	23	↓	↓		
74		↓ ( ↓ ) ↓	23	↓	↓		
75		Tar Flashing (Black) Base of Chimney stack	24	5 sf	↓		
76		↓ ( ↓ ) ↓	24	↓	↓		
77		caulk (Gray) Base of Chimney stack Flue	25	9 sf	↓		
78	↓	↓ ( ↓ ) ↓	25	↓	↓		
79	1 <sup>st</sup>	Mortar (Gray) Brick facade	26	40,000 sf	↓		
80	2 <sup>nd</sup>	↓ ( ↓ ) ↓	26	↓	↓		
ADDITIONAL COMMENTS:							
RELINQUISHED BY: <u>Sergey Shulyak</u> NAME: <u>S. Shulyak</u> SIGNATURE: <u>[Signature]</u> Time:    Date: <u>2/12/18</u>				RELINQUISHED BY: NAME:    SIGNATURE:    Time:    Date:			
RECEIVED BY: NAME:    SIGNATURE: <u>[Signature]</u> Time: <u>7:05P</u> Date: <u>2/12/18</u>				ANALYZED BY: NAME:    SIGNATURE:    Time:    Date:			

Email Results to: chino.oriala@alcenv.com; sergey.shulyak@alcenv.com; pat.mullo@alcenv.com; bianca.colon@alcenv.com; adriana.tula@alcenv.com; irene.delgado@alcenv.com

Condition Assessment: G-Good F-Fair P-Poor



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# ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

B18020335 PAGE 9 of 11

LABORATORY NAME: Metro  
255 W 36 Street, New York NY  
Laboratory Job #  
10 AM - 5 PM  
RUSH 3 Hr. 24 Hr. 48 Hr. 72 Hr. (TA)  
PLM PLM-NOB TEM-NOB (Circle)  
1st Positive Stop - Par. Each HA Group

CLIENT NAME: Liro Group  
PROJECT NAME/LOCATION: Governors Island NY, BLDG 1  
SCOPE OF WORK:  
DATE OF INSPECTION: 2-12-18  
INVESTIGATOR / INSPECTOR NAME(S): C. Oriola H. Ali

INVESTIGATOR / INSPECTOR NAME(S): C. Orland / H. A. E.	SAMPLE ID NUMBER	FLOOR AREA	SAMPLED MATERIAL LOCATION & SAMPLED MATERIAL DESCRIPTION				HA GROUP	Quantity SF/LF	CONDIT ION	LAB RESULTS	
	81	1 <sup>st</sup>	12x12 (Black)	Vinyl Floor Tile	w/ Glue	(Tan/Beige)	kitchen	27A	240 sf	F	SAEP
	82		( ↓ )			( ↓ )		↓			↓
	83		(White)			( ↓ )		27B			
	84		( ↓ )			( ↓ )		↓	↓		↓
	85		Compressed Floor Board	(Gray)			kitchen	28	300 sf		
	86		( ↓ )			( ↓ )	Pantry	28	↓		
	87		Backing Adhesive	(Gray/white)	ceramic		wall tile, kitchen	29	280 sf		
	88		( ↓ )	( ↓ )		( ↓ )		29	↓		
	89		Sink Undercoat	(Black)			kitchen	30	6 sf		
	90	✓	( ↓ )	( ↓ )			Pantry	30	↓	✓	
ADDITIONAL COMMENTS:											

## ADDITIONAL COMMENTS:

Sample #81-84 are side by side next to each other.

RELINQUISHED BY:				RELINQUISHED BY:			
NAME: C. Oriola	SIGNATURE: <i>[Signature]</i>	Time:	Date: 2/12/18	NAME:	SIGNATURE:	Time:	Date:
RECEIVED BY:				ANALYZED BY:			
NAME:	SIGNATURE: <i>[Signature]</i>	Time: 7:05 PM	Date: 2-12-18	NAME:	SIGNATURE:	Time:	Date:

Email Results to: chino.oriola@alcenv.com; sergey.shulyak@alcenv.com; pat.mullo@alcenv.com; blanca.colon@alcenv.com; adriana.tula@alcenv.com; rene.dalgado@alcenv.com

Condition Assessment: G-Good F-Fair P-Poor



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**ASBESTOS BULK SAMPLING**
**CHAIN OF CUSTODY**

B18020335


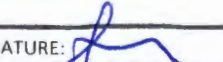
PAGE 10 of 11

<b>LABORATORY NAME:</b> Metro Analytical Laboratories 255 W 36 Street, New York NY	<b>ELAP #12003</b>  <b>Laboratory Job #</b>
--	---

<b>CLIENT NAME:</b> Liro Group	10 AM - 5 PM
<b>PROJECT NAME/LOCATION:</b> Governors Island NY, BLDG 1	RUSH 3 Hr. <u>24 Hr.</u> 48 Hr. 72 Hr. (TAT)
<b>SCOPE OF WORK:</b>	
<b>DATE OF INSPECTION:</b> 2-12-18	PLM PLM-NOB TEM-NOB (Circle)
<b>Investigator/ Inspector Name(s):</b> Chinomso Oriala/Sergey Shulyak H.ALI	1st Positive Stop - Per. Each HA Group

SAMPLE ID NUMBER	FLOOR AREA	SAMPLED MATERIAL LOCATION & SAMPLED MATERIAL DESCRIPTION	HA GROUP	Quantity SF/LF	CONDI TION	LAB RESULTS
91	1st	Cove Base (Black) w/ Glue (Beise) Kitchen	31	30 sf	F	
92		(↓) ↓	31	↓		
93		(Beise) ↓ (↓) Pantry	32	13 sf		
94	↓	↓ (↓) ↓ (↓) ↓	32	↓		
95	Bsm+	9x9 (Orange) Vinyl Floor w/ Mastic (Black) East Room	33	280 sf		
96		↓ (↓) ↓ (↓) ↓	33	↓		
97		Water proofing mastic (Black) Over Brick and stone perimeter wall, West	34	560 sf		
98		↓ (↓) ↓ ↓	34	↓		
99		Boiler Breacher Insulation (Gray) Exhaust Boiler Flue, rm	35	4 sf		
100	↓	(↓) ↓ ↓	35	↓		

**ADDITIONAL COMMENTS:**  
Sample #95-96 was also observed in Bsm+ Level, Stairwell (North) Base/Landing (Top Layer).

<b>RELINQUISHED BY:</b> Sergey Shulyak	<b>RELINQUISHED BY:</b>
NAME: Shulyak C. Oriala SIGNATURE:  Time: Date: 2/12/18	NAME: SIGNATURE: Time: Date:
<b>RECEIVED BY:</b>	<b>ANALYZED BY:</b>
NAME: SIGNATURE:  Time: 7:05 PM Date: 2/12/18	NAME: SIGNATURE: Time: Date:

Email Results to: chino.oriala@alcenv.com; sergey.shulyak@alcenv.com; pat.mullo@alcenv.com; bianca.colon@alcenv.com; adriana.tula@alcenv.com; irene.delgado@alcenv.com

Condition Assessment: G-Good F-Fair P-Poor



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## ASBESTOS BULK SAMPLING

## CHAIN OF CUSTODY

B8020335

PAGE 11 of 11

LABORATORY NAME:	ELAP #12003
Metro	Laboratory Job #
255 W 36 Street, New York NY	

CLIENT NAME: Liro Group	10 AM - 5 PM
PROJECT NAME/LOCATION: Governors Island NY, BLDG 1	RUSH 3 Hr. 24 Hr. 48 Hr. 72 Hr. (TAT)
SCOPE OF WORK:	
DATE OF INSPECTION: 2-12-18	PLM PLM-NOB TEM-NOB (Circle)
INVESTIGATOR / INSPECTOR NAME(S): O. Whitehead / HYATT Ali / C. Oriola	1st Positive Stop - Per. Each HA Group

SAMPLE ID NUMBER	FLOOR AREA	SAMPLED MATERIAL LOCATION & SAMPLED MATERIAL DESCRIPTION		HA GROUP	Quantity SF/LF	CONDIT ION	LAB RESULTS
101	BSMT	BE BOILER BREACHER INSULATION	GREY EXHAUST FUEL ROOM	35	↓	F	
102		AIR CEL TO PIPE - LIGHT GREY	- HALLWAY	36	300 LF		
103			↓	↓	↓		
104			EAST ROOM	↓	↓		
105		INSULATION TO FITTINGS	HALLWAY	37	145 LF		
106			↓	↓	↓		
107			East Room	↓	↓	↓	

## ADDITIONAL COMMENTS:

RELINQUISHED BY:				RELINQUISHED BY:			
NAME: HYATT Ali	SIGNATURE: FAI	Time:	Date: 2/12/18	NAME:	SIGNATURE:	Time:	Date:
RECEIVED BY: C. Oriola				ANALYZED BY:			
NAME:	SIGNATURE:	Time: 7:05 PM	Date: 2/12/18	NAME:	SIGNATURE:	Time:	Date:

Email Results to: chino.oriola@alcenv.com; sergey.shulyak@alcenv.com; pat.mullo@alcenv.com; bianca.colon@alcenv.com; adriana.tula@alcenv.com; irene.delgado@alcenv.com

Condition Assessment: G-Good F-Fair P-Poor

## **APPENDIX B**

### **Asbestos Handling License & Asbestos Certifications**



NYC DEP ASBESTOS CONTROL PROGRAM  
ASBESTOS CERTIFICATE



**WHITEHEAD,**  
OCTAVIUS L  
INVESTIGATOR  
116797

EXPIRES: 7/14/2019  
DOB: 7/14/1970 M 5' 10"

MUST BE CARRIED ON ALL ASBESTOS PROJECTS



**DMV ID: 406216085**

This certificate must be shown to a  
NYCDEP representative upon request.  
Report loss immediately to NYCDEP  
Asbestos Control Program, 8th floor  
59-17 Junction Blvd., Flushing, NY 11373



01213 00403376 72

STATE OF NEW YORK - DEPARTMENT OF LABOR  
ASBESTOS CERTIFICATE



**OCTAVIUS L WHITEHEAD**  
CLASS(EXPIRES)  
D INSP(07/18) I PD (07/18)

CERT# 98-06998  
DMV# 406216085

MUST BE CARRIED ON ASBESTOS PROJECTS



IF FOUND RETURN TO:

EYES BRO

HAIR BLK

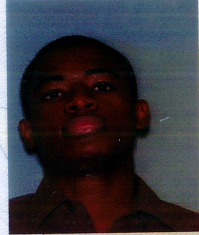
HGT 5' 10"

NYSDOL - L&C UNIT  
ROOM 161A BUILDING 12  
STATE OFFICE CAMPUS  
ALBANY NY 12240



01213 004335445 56

NYC DEP ASBESTOS CONTROL PROGRAM  
ASBESTOS CERTIFICATE



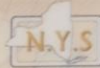
**ORIALA,**  
CHINOMSO  
INVESTIGATOR  
146198

EXPIRES: 7/19/2019  
DOB: 7/19/1992 M 5' 06"

MUST BE CARRIED ON ALL ASBESTOS PROJECTS



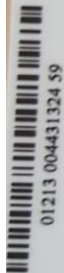
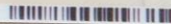
STATE OF NEW YORK - DEPARTMENT OF LABOR  
ASBESTOS CERTIFICATE



**HYAAT S ALL**  
CLASS(EXPIRES)  
D INSP(11/18)

CERT# 10-09136  
DMV# 789015122

MUST BE CARRIED ON ASBESTOS PROJECTS



01213 004431324 59

EYES BRO  
HAIR BLK  
HGT 6' 02"

IF FOUND RETURN TO:  
NYSOL - L&C UNIT  
ROOM 161A BUILDING 12  
STATE OFFICE CAMPUS  
ALBANY NY 12240



NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER



Expires 12:01 AM April 01, 2018  
Issued April 01, 2017

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**

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

**MR. ZLATAN DIMITRIJEVIC**  
**METRO ANALYTICAL LABORATORIES, LLC.**  
**255 WEST 36TH STREET SUITE 101**  
**NEW YORK, NY 10018-0022**

**NY Lab Id No: 12003**

*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
Lead in Dust Wipes	EPA 7000B
Lead in Paint	EPA 7000B

**Sample Preparation Methods**

EPA 3050B

**Serial No.: 56325**

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.



NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER



Expires 12:01 AM April 01, 2018  
Issued April 01, 2017

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**

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

MR. ZLATAN DIMITRIJEVIC  
METRO ANALYTICAL LABORATORIES, LLC.  
255 WEST 36TH STREET SUITE 101  
NEW YORK, NY 10018-0022

NY Lab Id No: 12003

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

**Metals I**

Lead, Total

NIOSH 7082

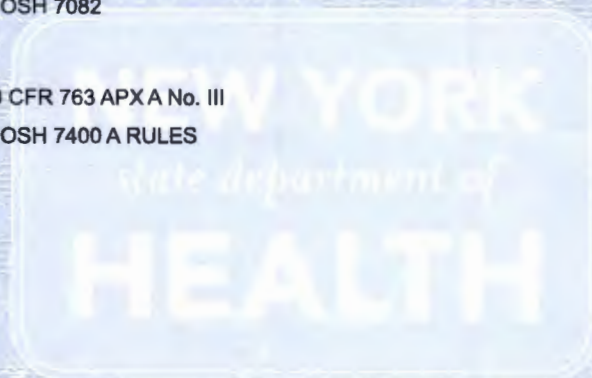
**Miscellaneous**

Asbestos

40 CFR 763 APX A No. III

Fibers

NIOSH 7400 A RULES



Serial No.: 56326

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

**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**

The ALC Group LLC dba ALC Environmental  
Suite 402  
121 West 27th Street  
New York, NY 10001

FILE NUMBER: 10-54123  
LICENSE NUMBER: 54123  
LICENSE CLASS: RESTRICTED  
DATE OF ISSUE: 07/20/2017  
EXPIRATION DATE: 07/31/2018

Duly Authorized Representative – Joshua Sarett:

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.



Eileen M. Franko, Director  
For the Commissioner of Labor

**APPENDIX C**

**Survey Sample Location Drawing**



# ALC Environmental

## UNIT DIAGRAM

PROJECT NAME: LIRD

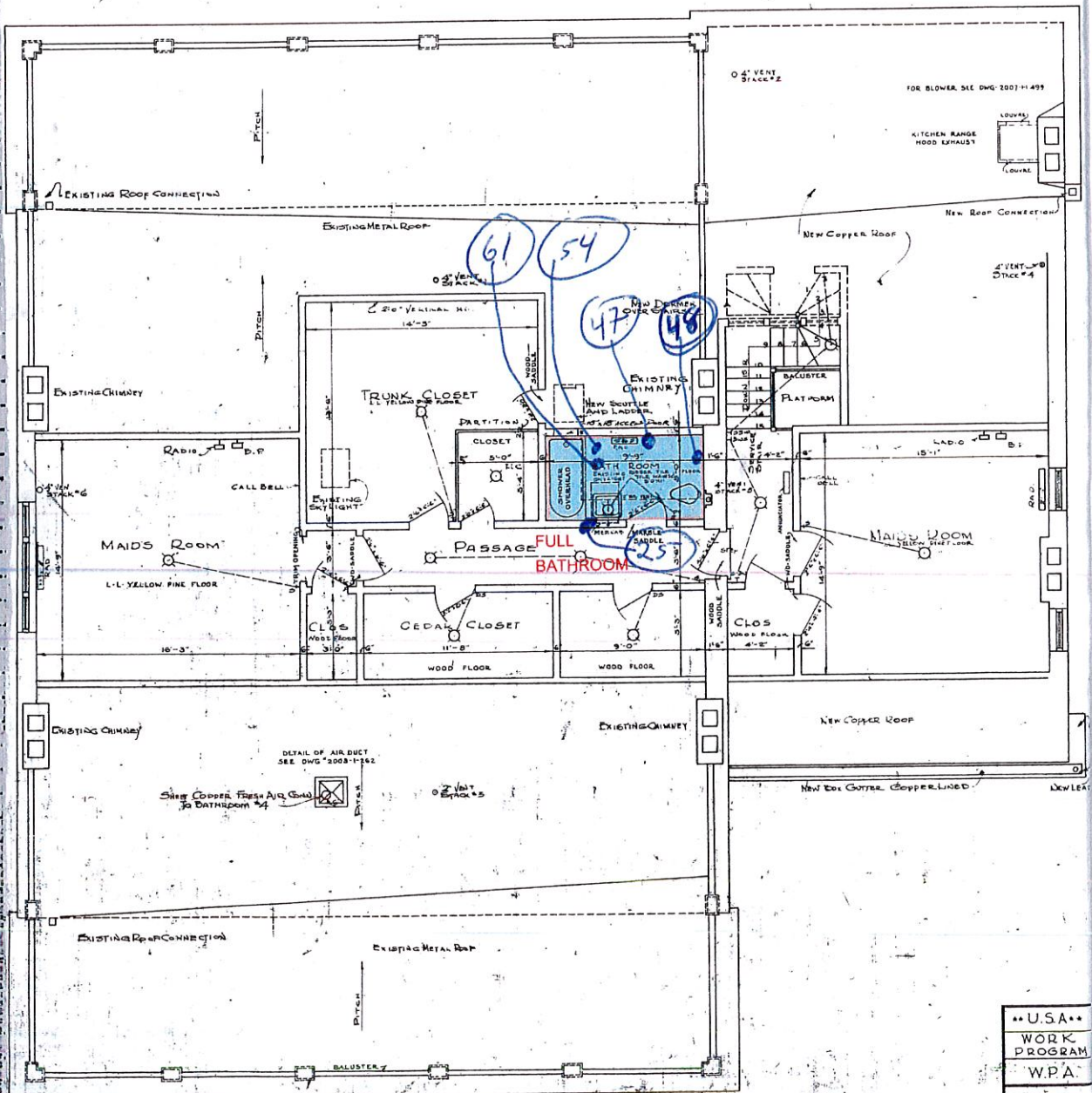
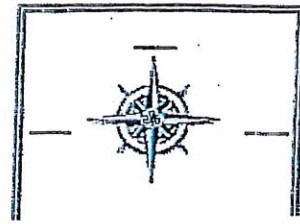
DATE 02.11.18

PROPERTY ADDRESS: ADMIRAL HOUSE BUILDING #1

CITY/BOROUGH: GOVERNORS ISLAND

STATE: NY

PROJECT



U.S.A.  
WORK  
PROGRAM  
W.P.A.

N = North • S = South • E = East • W = West

RAD = Radiator

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ALC Environmental

UNIT DIAGRAM

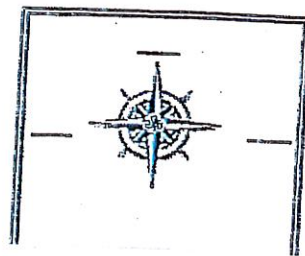
PROJECT NAME: LIRo

DATE 02-11-18

PROPERTY ADDRESS: ADMIRAL HOUSE BUILDING #1

CITY/BOROUGH: GOVERNORS ISLAND

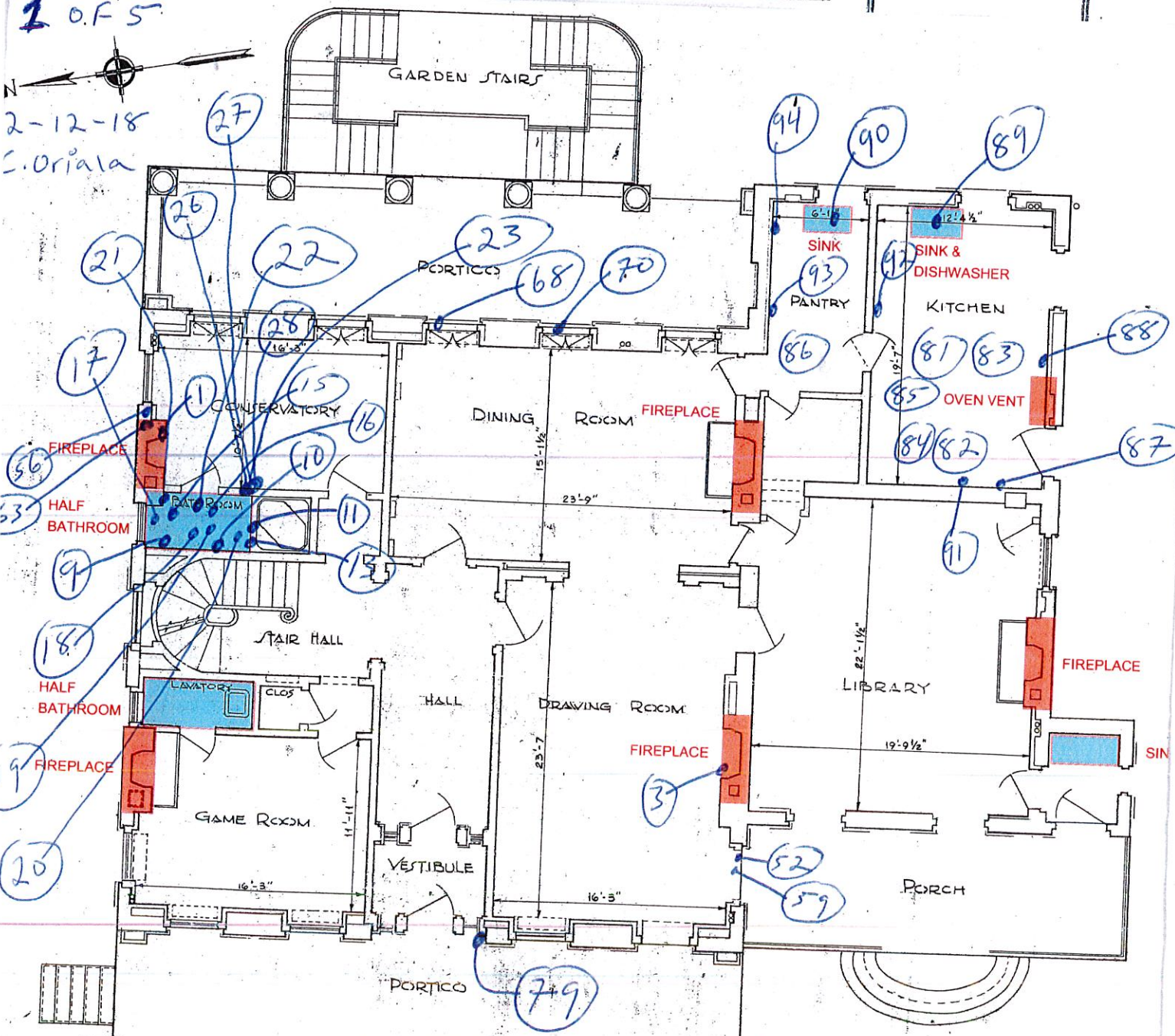
STATE: NY



1 OF 5



2-12-18  
S. Oriata





ALC Environmental

### UNIT DIAGRAM

PROJECT NAME: LIRD

DATE 02.11.18

PROPERTY ADDRESS: ADMIRAL HOUSE BUILDING # 1

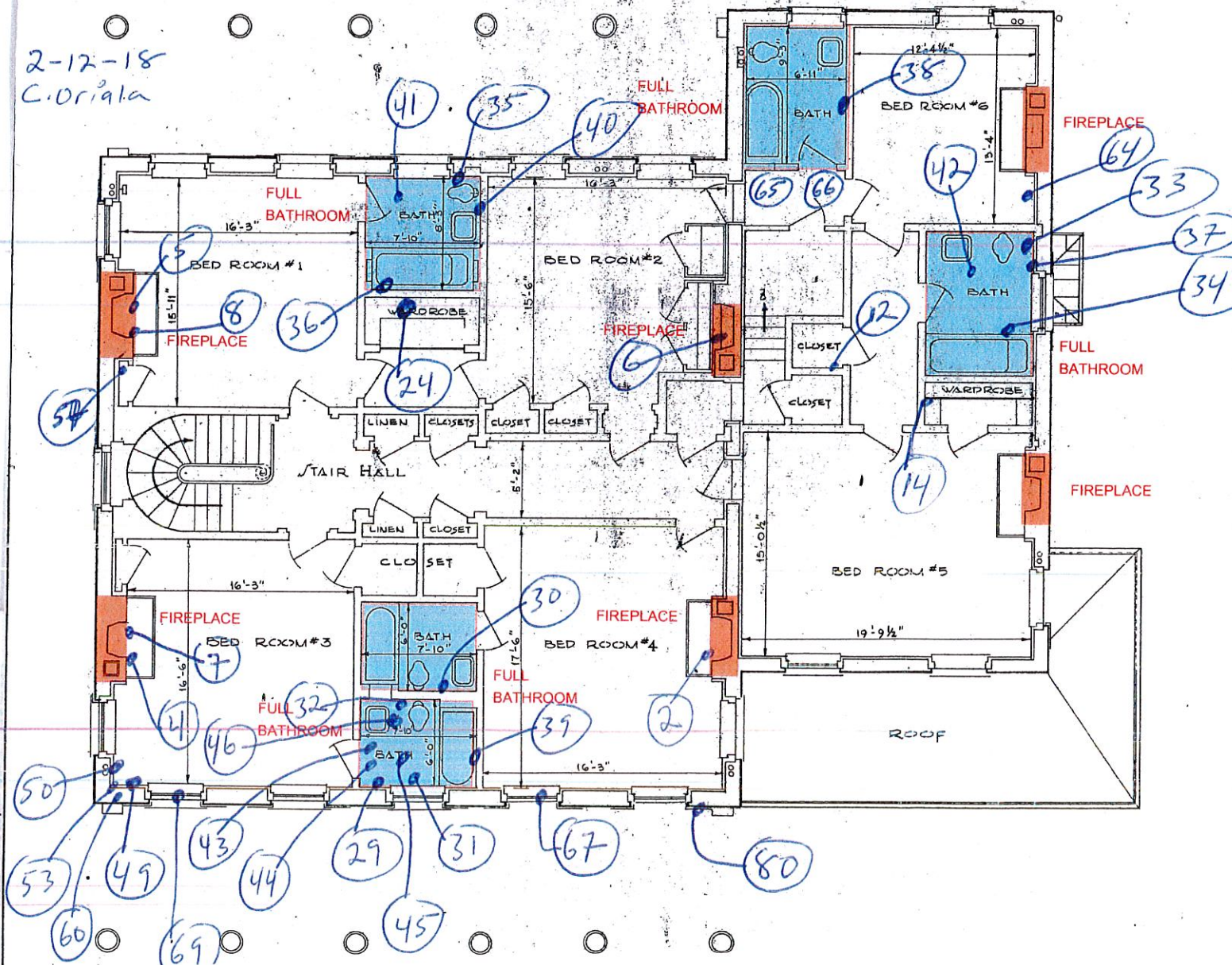
CITY/BOROUGH: Governors Island

STATE: NY

PROJECT MONITOR NAME: HYAAT ALI



**COMPASS** (When Applicable)





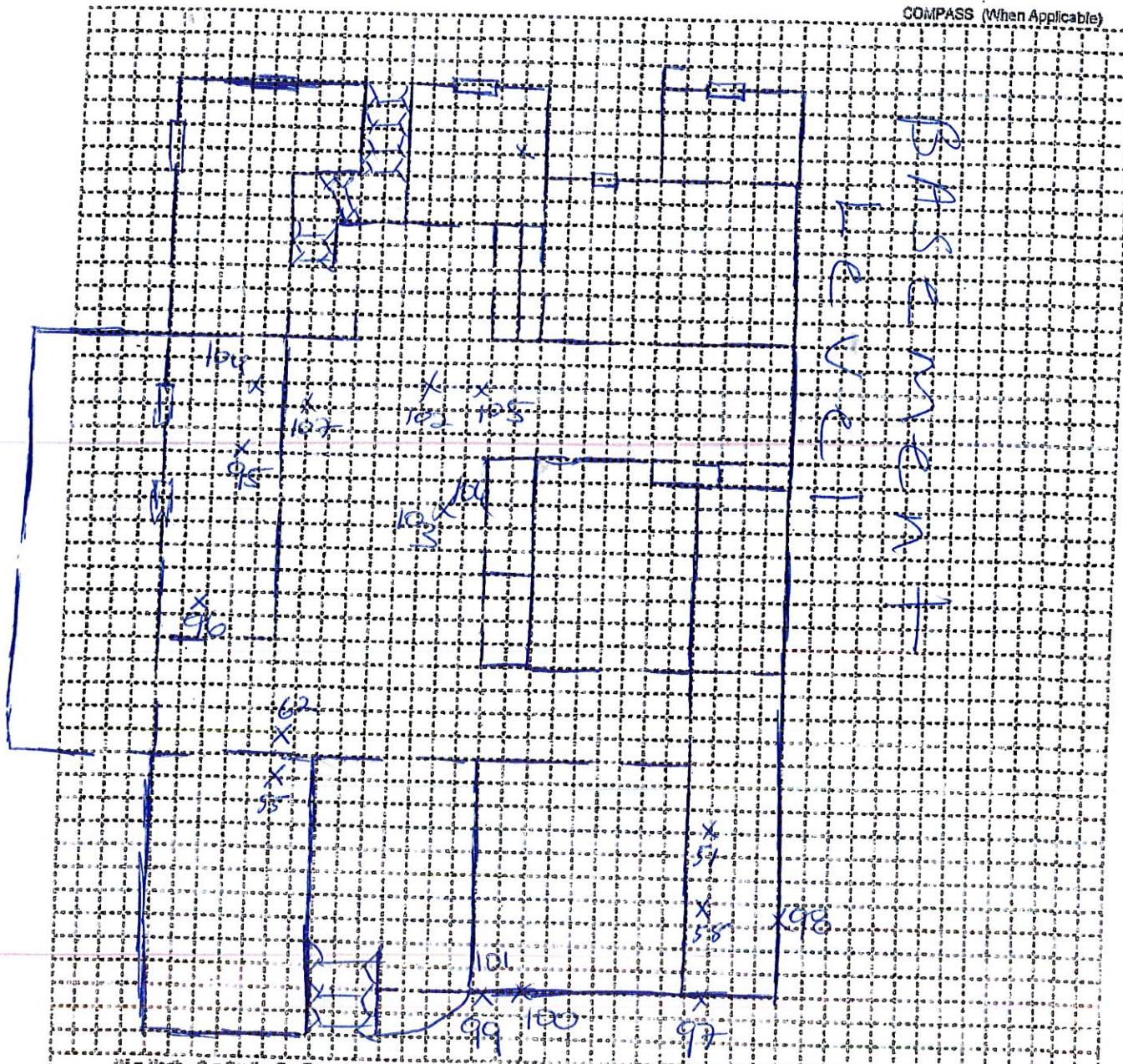
ALC Environmental

UNIT DIAGRAM

PROJECT NAME: LRO Group DATE: 02-18-18  
 PROPERTY ADDRESS: ADMIRALS HOUSE (BLDG 2)  
 CITY/BOROUGH: GOVERNORS ISLAND STATE: NEW YORK  
 PROJECT MONITOR NAME: HYATT AL / C. Oriola



COMPASS (When Applicable)



N = North • S = South • E = East • W = West

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RAD = Radial



ALC Environmental

UNIT DIAGRAM

PROJECT NAME: Lib Group

DATE 03-12-18

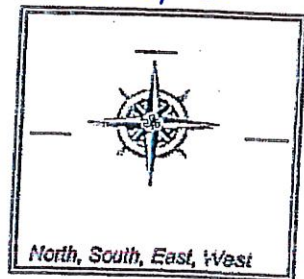
PROPERTY ADDRESS: ADMIRAL HALL (BLOG-1)

CITY/BOROUGH: GOVERNORS ISLAND

STATE: NEW YORK

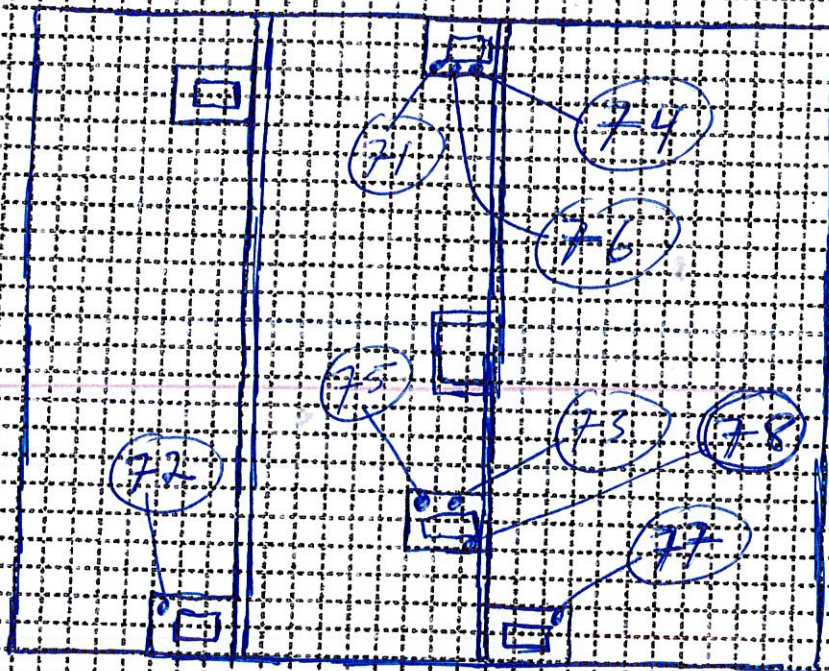
PROJECT MONITOR NAME: HYAAT ALI / C. Oriola

5 of 5



COMPASS (When Applicable)

ROOF LEVEL



Roof Hatch



CHIMNEY

Slope Roof

N = North S = South E = East W = West

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RAD = Radiator