



April 3, 2025

Ms. Kristen **O'Neil**
Turin Management
Email: kristen@turinmanagement.com

RE: REPORT OF ASBESTOS SURVEY, FORMER REMINGTON ARMS, 14 HOEFLER AVENUE, ILION, NEW YORK (HRP PROJECT TUR3500.BA)

Dear Ms. **O'Neil**:

HRP Associates, Inc. (HRP) is pleased to provide the attached report of asbestos survey of the referenced site above. This report updates the reports previously transmitted to Turin Management. The field work occurred from December 13, 2024 through January 17, 2025. Previous asbestos surveys were not available for review. Various historical building plans were available for review on site. As a result of the survey, the following building materials were identified as asbestos containing materials (ACM):

- Thermal pipe insulation throughout the site buildings
- Floor tiles and vapor barrier underlayment
- Window caulking and glazing on window interior and exterior
- Joint compound on drywall
- Cementitious panels on mechanical equipment
- Equipment insulation and gaskets

Assumed ACM

- Electrical wire jackets, insulators, fire and elevator door cores, elevator brake shoes, and roofing.

A separate mobilization was conducted on January 17, 2025 to complete an asbestos survey for the on-site steam plant (known as 11 Remington Avenue). The results of the steam plan survey are included in Attachment B. No tested materials were identified as ACM.

Assumed ACM

- Roofing is assumed to be asbestos containing.

The location and estimated amounts of ACM are described in the attached surveys in Appendices A and B.

Please note the following limitations and qualifications.

- Roofing material was not sampled due to the presence of snow and ice during the survey period. However, information regarding roof replacement projects for the site was provided by Carlisle Construction Materials, included as Attachment C. Roofing materials shall be consider suspect ACM until surveyed and tested.

Ms. Kristen O'Neil

April 3, 2025

Page 2

- The piping located in the yard between buildings is believed to be mostly insulated with fiberglass and was inaccessible due to the elevation of pipes and excessive snow on the ground.
- Suspect materials such as thermal system insulation were reported to be present in steam and/or hot water lines below floor slabs in crawl spaces, utility tunnels, and other recessed and inaccessible areas throughout the complex; these materials and other materials are assumed to be ACM.
- Some areas described above were not accessible at the time of the survey including but not limited to electrical rooms/vaults, pipe tunnels, chases and may contain ACM.
- The surveys are not intended for the use of planning the scope, timing, phasing, and/or remediation methods for suspect or identified ACM.

Based on the results of this survey, HRP recommends the following:

- Prior to any renovation or demolition activities, a copy of the asbestos survey should be provided to the renovation contractor and local asbestos control board.
- Maintain a copy of this asbestos survey with the property.
- If unassessed suspect ACM is identified during renovation or demolition activities, retain an asbestos building inspector to sample and test the material(s) following NYS requirements.
- One copy of this report must be immediately transmitted by the building owner, or their agent, to the local government entity charged with issuing a permit for such demolition, renovation, remodeling or repair work under applicable NY State or local laws.
- The completed asbestos survey for controlled demolition (as per Subpart 56-11.5) or pre-demolition asbestos projects shall also be submitted to the appropriate Asbestos Control Bureau district office.

If you have any questions or require additional information, please feel free to contact us at (518) 877-7101.

Sincerely,
HRP Associates, Inc.



Jesse Zahn, CHMM, PG

Regional Manager

Attachment A Remington Arms Asbestos Survey

Attachment B Remington Arms Asbestos Survey Steam Plant

Attachment C Roofing Information from Carlisle

Attachment D Limitations on Work Product



Attachment A

Remington Arms Asbestos Survey

Pre-renovation/Demolition Survey for Asbestos Containing Materials

Report Date: January 28, 2025
REST Project # 24-33-010

Project Dates: December 13, 2024 – January 17, 2025

Former Remington Arms
14 Hoefler Ave
Ilion NY 13357



Prepared for:

Jesse Zahn, P.G., CHMM
HRP Associates
1 Fairfield Square, Suite 10
Clifton Park, NY 12065

Prepared by:

Rome Environmental Solutions & Testing, LLC
8041 River Road, Rome NY 13440
315-794-7946

M. Eric Dousharm / Owner
Rome Environmental Solution & Testing, LLC

1/28/2025
Date

TABLE OF CONTENTS

1.1 INTRODUCTION 3

2.1 BACKGROUND..... 3

3.1 METHODS AND ANALYSIS..... 5

4.1 LIMITATIONS 5

5.1 FINDINGS..... 6

6.1 LOCATION AND QUANTITIES OF ACM..... 8

7.1 BULK SAMPLE LOG/HOMOGENIOUS MATERIALS..... 11

APPENDICES

SITE MAPAPPENDIX A

DRAWINGS SHOWING ACM LOCATIONSAPPENDIX B

- TSI LOCATIONS – LEVEL 1, LEVEL 2, LEVEL 3, LEVEL 4, LEVEL 5&6
- MISCELANIOUS – LEVEL 1, LEVEL 2, LEVEL 3, LEVEL 4, LEVEL 5&6

LABORATORY ANALYSIS RESULTSAPPENDIX C

ACCREDITATIONSAPPENDIX D

1.1 INTRODUCTION

Rome Environmental Solutions & Testing, LLC (REST) was hired under contract by the HRP Associates to perform an asbestos building pre-renovation/demolition survey for multiple structures, known as Remington Arms located at 14 Hoefler Avenue in the village of Ilion, New York. An initial site visit and walkthrough of the structures was conducted on December 12, 2024. The purpose of the site visit was to develop a strategy and sampling plan. REST toured the facility to assess building conditions and access restrictions, if Any. At the time of the visit, REST was provided access to review drawings of the buildings. The survey was performed during a period beginning December 13, 2024 through January 17, 2025. REST Employees that performed the survey included M. Eric Dousharm (New York State Accredited Inspector, Number 24-6L8PO-SHAB), Brenda Card (24-6ZVEL-SHAB) and John Rehbein (23-6TSGN-SHAB). All work was completed in compliance with New York State Department of Labor 12 NYCRR Part 56, and U.S. Environmental Protection Agency (USEPA) 40 CFR 61 NESHAP Subpart M.

2.1 BACKGROUND

The facility formerly known as Remington Arms occupies two parcels identified as 120.37-5-16 and 120.37-5-8 totaling 27.87 acres. The property consists of multiple industrial buildings with one to four stories totaling approximately 980,000 square feet, surrounded by paved parking, driveway areas and village owned streets. At the time of the survey, the Property was no longer being used by Remington Arms for the design, manufacturing, testing, and distribution of Remington firearms. The facility shut down operations in March of 2024, but the plant was still occupied in very limited capacity to facilitate the moving and cleaning of the facility. Based on an inventory of buildings provided to REST, there are 44 industrial buildings that once facilitated the manufacturing of firearms. Known basements and other subgrade areas included the 200-yard firing range, Building 60 Annex, Building 53 basement, and two areas beneath the floor in Building 85 catacombs/former kilns had limited access. Areas such as the hydraulic elevator pits, elevator chases, and

electrical rooms, were not accessible for inspection.

Operations at the facility during its manufacturing days included the use of a central steam plant for facility heating, administrative offices, research and development, cold forging, turning, and other parts machining, heat treatment of steel, parts washing, steel and wood finish coating, indoor test firing, process water and wastewater treatment, raw material storage, petroleum and chemical bulk storage, storage of non-hazardous and hazardous waste, product storage and distribution. They also operated a custom shop, store, and a historical museum.

Remington Arms began manufacturing in Ilion in 1828. Many of the current buildings on site were constructed in the early 20th century (1901 – 1930^s). A few of the buildings were constructed in the modern era between 1977 and 2005. Although approximately 44 buildings are noted, many of the buildings are adjoining and believed to be of the same vintage with like construction. There are a few standalone buildings constructed individually of varying vintages. Many of the buildings are steel framed construction with anchored brick veneer walls. Some buildings are concrete block wall construction with steel joists and metal decking. One building believed to be the oldest (Bldg. 85) is wood timber construction with clay pyro bar and brick. The buildings use a steam heating system with fin tube and cast-iron radiators throughout. Ground floors are concrete slab on grade and upper floors are wood. A large portion of the steam piping is asbestos containing, however significant portion has been removed and re-insulated with fiberglass and pvc fitting jackets. Some of the domestic water pipes were also found to be insulated with asbestos covering. The windows are aluminum and framed and most of them appear to have been installed during the same period newer than the original construction date. Both interior and exterior window caulking and glazing was observed. The roof was observed at the time of inspection to be rubberized membrane manufactured by Carlisle. Due to winter conditions the roof was not tested and for the purposes of this survey shall be assumed to be asbestos containing. The elevator penthouse located on the roof was also not accessed at the time of the inspection, however it is assumed that the elevator brake shoes are

asbestos containing. Given the structure was constructed prior to 1974 and the proposed renovations will disturb building materials an asbestos survey is required prior to any renovations or demolition.

3.1 METHODS AND ANALYSIS

The purpose of the survey is to identify approximate locations and quantities of asbestos containing materials. The inspection included limited destructive testing to determine if any materials were buried behind walls or above fixed ceilings. The inspection included all materials that were accessible during the time of the inspection. All samples were analyzed per New York State Environmental Laboratory Protocol (NYSELAP). Friable bulk samples were analyzed using the Polarized Light Microscopy (PLM) NYS ELAP Method 198.1. Non-friable organically bound samples were analyzed utilizing gravimetric reduction with PLM analysis (NYS ELAP Method 198.6) and Transmission Electron Microscopy (TEM) confirmation of all PLM negatives (NYS ELAP Method 198.4). In accordance with the New York State Department of Health as of April of 2011 all ceiling tiles that contain cellulose must be analyzed by TEM method 198.6/198.4

4.1 LIMITATIONS

This survey is not intended for the use of planning the scope, timing, phasing, and/or remediation methods on any asbestos containing materials identified herein. The Owner and/or their representatives are responsible for verifying exact quantities, types, and locations prior to any renovation or demolition work. Some areas described above were not accessible at the time of the survey including but not limited to electrical rooms/vaults, pipe tunnels, chases. The piping located in the yard between buildings are believed to be mostly insulated with fiberglass and were inaccessible due to elevation of pipes and excessive snow on the ground. The roof was not tested due to winter conditions. The steam plant was not completed prior to the release of this report and shall be included in a separate report.

5.1 FINDINGS

A. **Asbestos Containing Materials (ACM)**

The following materials were tested and found to be asbestos containing. "Asbestos-containing materials" as defined by the EPA as any materials that contain more than 1% asbestos by weight:

1. Thermal System Insulation (TSI)

Thermal system insulation includes all insulation material applied to pipes, fittings, boilers, breeching, tanks, ducts or other structural components to prevent heat gain or loss. **Thermal pipe insulation associated with the steam pipes and domestic water and thermal tank insulation in various locations are identified as asbestos containing material.**

2. Surfacing Materials

Materials that are sprayed-on, troweled-on, or otherwise applied to surfaces such as acoustical or finished plaster on ceilings and walls, and fireproofing materials on structural members, or other materials on surfaces for acoustical, fireproofing, or other purposes. No Surfacing Materials were identified during the survey.

3. Miscellaneous Materials

Materials not identified as either TSI or Surfacing are considered miscellaneous. Included are some of the materials tested such as vinyl floor tile, various types of floor mastic, gypsum/joint compound, wall mastics and adhesives, cove base/mastic, sheet vinyl flooring, lay-in ceiling tiles, felts and roofing materials. **Several types of flooring materials were identified as asbestos containing including all 9x9 vinyl floor tile, some 12x12 floor tiles, vapor barriers under 12x12 vinyl composite floor tile, Black Mastic under 12x12 vinyl composite floor tile. Other materials include interior/exterior window caulk and glazing, joint compound on drywall, transite panels on out building, transite panels on mechanical equipment, machine insulation and equipment gaskets.**

4. Assumed Asbestos Materials

Materials that were either not accessible or unable to be tested are assumed to be asbestos containing. **Coated electrical wire and insulators, fire doors, elevator doors and elevator brake shoes. The roofs were not tested and are assumed to be asbestos containing.**

B. Non-Asbestos Containing Materials

The following materials were either tested and found not to contain asbestos or observed not to be suspect materials:

1. Thermal pipe fitting insulation, fiberglass pipe jackets, foam rubber pipe jackets, batt insulation, foam sound panel glue, some 12x12 floor tiles, carpet glue, cove base and mastic, lay-in ceiling tiles, spline ceiling tiles, plaster walls, drywall (Joint compound is positive in one building), insulation blanket, duct sealant, mortars, expansion joint caulk, ceramic tile grout and mastic, various glues and mastics (Refer to Table 2.0, Homogeneous Materials List).
2. Materials observed and not considered to be suspect asbestos containing materials are Fiberglass insulation, electrical wire (NM Cable) is plastic coated or armor shielded, silicone caulking.

6.1 LOCATIONS AND QUANTITIES OF ACM

Table 1.0

Bldg	Floor Tile	Surfacing	Windows	Other - Desc	Other Sq FT /LF Ft*	TSI Piping			
						1	2	3	4
44	No	No	Yes	No	-	-	No	-	-
45	598	No	Yes	No	-	No	No	No	No
46	877	No	Yes	No	-	No	408	328	306
47	1718	No	Yes	Tank Insul	320	102	90	99	78
48	263	No	Yes	No	-	28	253	315	886
49	No	No	Yes	No	-	No	184	62	No
50	No	No	Yes	No	-	No	180	656	470
51	No	No	Yes	No	-	80	227	297	34
52A	3110	No	Yes	Tank Insul	60	132	98	292	140
				Panel Glue	480				
52B	500	No	Yes	No	-	No	68	290	80
52C	No	No	Yes	No	-	No	79	399	120
52D	No	No	Yes	No	-	No	No	312	80
52E	204	No	Yes	No	-	37	40	261	94
52F	No	No	Yes	No	-	No	No	250	No
52G	No	No	Yes	No	-	No	No	130	No
52H	No	No	No	No	-	No	No	-	-
53	No	No	Yes	No	-	10	No	-	-
54	No	No	Yes	No	-	78	-	-	-
55	No	No	Yes	No	-	No	-	-	-
56	No	No	Yes	No	-	No	-	-	-
57	No	No	Yes	No	-	No	-	-	-
58	No	No	Yes	No	-	No	-	-	-
59	No	No	No	No	-	-	-	-	-
60S	No	No	Yes	No	-	48	-	-	-
60N	No	No	Yes	No	-	142	-	-	-
61	No	No	No	No	-	No	-	-	-
62	No	No	Yes	No	-	No	-	-	-
63	No	No	Yes	No	-	No	-	-	-
64									
65	No	No	Yes	No	-	No	-	-	-
66	2108	No	Yes	No	-	331	-	-	-
	Mastic Only								
67									
68									
69									
70									
71									
72	710	No	Yes	Tank Insul	60	No	73	6	128
73									

Asbestos Survey
Former Remington Arms
Project # 24-33-010

Bldg	Floor Tile	Surfacing	Windows	Other - Desc	Other Sq FT /LF Ft*	TSI Piping			
						1	2	3	4
74	No	No	Yes	No	-	671	-	-	-
75	No	No	Yes	No	-	70	-	-	-
75A	No	No	Yes	Joint Compound	1230	No	-	-	-
76	No	No	Yes	No	-	62	670	393	-
77	No	No	Yes	Tank Insul	110	No	5	No	No access High voltage
78			Yes		-	395	206		
79	No	No	No	No	-	No	-	-	-
80			Yes		-	310			
81	760	No	Yes	No	-	5	No	-	-
82			Yes	Duct Tape	90	736	204	-	-
83	No	No	Yes	No	-	40	63	No	6
84	1152		Yes		-	308	327	15	No
85			Yes	Transite Equip sub basement 1&2	768	90	No	-	-
86			Yes	Tank Insul	220	3	318	31	No
		Mech insul		90					
		Gaskets		60*					
87									
88	No	No	Yes	No	-	No			
89	No	No	Yes	No	-	No			
2525	No	No	No	Transite Wall	356	No	-	-	-
Overpasses									
OP 52-2G->46-2	No	No	No	No	-	-	No	-	-
OP 2 52.3R->50-3	No	No	No	No	-	-	-	208	-
OP 3 46-3->84-2	No	No	Yes	No	-	-	-	45	-
OP 4 48-3->82-1	No	No	Yes	No	-	-	-	No	-
OP 552-4E->50-4	No	No	Yes	No	-	-	-	-	No
OP 6 46-4->84-3	No	No	Yes	No	-	-	-	-	No
OP 7 45-4->82-2	No	No	Yes	No	-	-	-	-	No

Asbestos Survey
 Former Remington Arms
 Project # 24-33-010

Bldg	Floor Tile	Surfacing	Windows	Other - Desc	Other Sq FT /LF Ft*	TSI Piping			
						1	2	3	4
OP 8 50-482-2	No	No	Yes	No	-	-	-	-	184
Exterior TSI	-	-	-	-	-	150	-	-	-

ⁱ Friable = F, Non-Friable = NF, NOB = Non-Friable Organically Bound

ⁱⁱ Quantities are estimated. It is the responsibility of the Owner/Owners Representative to verify that quantities and locations are accurate.

7.1 BULK SAMPLE LOG / HOMOGENEOUS MATERIALS

Table 2.0

SAMPLE #	HOMO ID #	PLM Results	TEM Results	Friables	NOR	SAMPLE LOCATION	MATERIAL SAMPLED
AmeriSci # 224122667							
52-1A-01	1	NAD	NAD		x	Bldg. 52-1A Shot Catcher Rm	Foam Panel Glue
52-1A-02	1	NAD	NAD		x	Bldg. 52-1A Shot Catcher Rm	Foam Panel Glue
52-1A-03	2	2.1	NA		x	Bldg. 52-1A Shot Catcher Rm	Acoustic Panel Glue
52-1A-04	2	NA/PS	NA		x	Bldg. 52-1A Shot Catcher Rm	Acoustic Panel Glue
52-1A-05	3	NAD	NAD		x	Bldg. 52-1A Shot Catcher Rm	Acoustic Panel
52-1A-06	3	NAD	NAD		x	Bldg. 52-1A Shot Catcher Rm	Acoustic Panel
52-1A-07	4	NAD	NAD		x	Bldg. 52-1A Hall By Stairs	4" Brown Covebase
52-1A-08	5	NAD	NAD		x	Bldg. 52-1A Hall By Stairs	"Brown Covebase" Mastic (Brown)
52-1A-09	6	NAD	NAD		x	Bldg. 52-1A LG Room	4" Black Covebase
52-1A-010	7	NAD	NAD		x	Bldg. 52-1A LG Room	"Black Covebase" Mastic (Yellow)
52-1A-011	8	NAD	NAD		x	Bldg. 52-1A LG Room	12" x 12" Beige Marbled Floor Tile
52-1A-012	9	<0.3	2		x	Bldg. 52-1A Gun Shelf Room	12" x 12" Dk Yellow Floor Tile
52-1A-013	10	NAD	NAD		x	Bldg. 52-1A Gun Shelf Room	Black Floor Tile Mastic
52-1A-014	11	NAD	NA	x		Bldg. 52-1A Gun Shelf Room	Floor Leveler / Underlayment
52-1A-015	12	NAD	NA	x		Bldg. 52-1A LG Room	Joint Compound
52-1A-016	13	NAD	NA	x		Bldg. 52-1A LG Room	Gypsum Wallboard
52-1A-017	14	NAD	NAD		x	Bldg. 52-1A Ammo Loading Rm	12" x 12" Tan W/ Black Marble Floor Tile
52-1A-018	15	NAD	NAD		x	Bldg. 52-1A Ammo Loading Rm	Floor Tile Mastic (Brown)
52-2A-019	12	NAD	NA	x		Bldg. 52-1A	Joint Compound
52-2A-020	13	NAD	NA	x		Bldg. 52-1A	Gypsum Wallboard
52-2A-021	16	NAD	NAD		x	Bldg. 52-1A	12" x 12" Tan W/ Brown Streaks Floor Tile
52-2A-022	17	NAD	NAD		x	Bldg. 52-1A	Floor Tile Mastic (Yellow On Wood)
52-2A-023	18	NAD	NAD		x	Bldg. 52-1A	3' x 3' Tan Sheet Floor
52-2A-024	19	NAD	NAD		x	Bldg. 52-1A	Floor Mastic Under 3' x 3' (Black)
52-3A-025	12	NAD	NA	x		Bldg. 52-3A	Joint Compound
52-3A-026	13	NAD	NA	x		Bldg. 52-3A	Gypsum Wallboard
52-2A-027	18	NAD	NAD		x	Bldg. 52-2A	3' x 3' Tan Sheet Floor
52-2A-028	19	NAD	NAD		x	Bldg. 52-2A	Floor Mastic Under 3' x 3' (Black)
52-3A-029	20	NAD	NAD		x	Bldg. 52-3A	Interior Window Caulk (Primary)
52-3A-030	21	NAD	NAD		x	Bldg. 52-3A	Exterior Window Caulk (Primary)
52-3A-031	22	4.2	NA		x	Bldg. 52-3A	Window Glazing (Trans / Scent Panels)
52-4A-032	16	NAD	NAD		x	Bldg. 52-4A	12"x12" Tan W/ Brown Streaks Floor Tile
52-4A-033	23	NAD	NAD		x	Bldg. 52-4A	Vapor Barrier Under 12" x 12"
52-4A-034	23	NAD	NAD		x	Bldg. 52-4A	Vapor Barrier Under 12" x 12"
52-4A-035	24	NAD	NA	x		Bldg. 52-4A	Fiberglass Pipe Jacket Low Pressure Steam
52-4A-036	12	NAD	NA	x		Bldg. 52-4A	Joint Compound
52-4A-037	13	NAD	NA	x		Bldg. 52-4A	Gypsum Wallboard
52-4A-038	8	NAD	NAD		x	Bldg. 52-4A	12" x 12" Beige Marbled Floor Tile
52-4A-039	25	NAD	NAD		x	Bldg. 52-4A	Floor Mastic Under 12"x12" (Black/Yellow)

Asbestos Survey
Former Remington Arms
Project # 24-33-010

SAMPLE #	HOMO ID #	PLM Results	TEM Results	Friables	NOR	SAMPLE LOCATION	MATERIAL SAMPLED
AmeriSci # 224122668							
52-1G-01	12	NAD	NA	x		Bldg. 52-1G	Joint Compound
52-1G-02	13	NAD	NA	x		Bldg. 52-1G	Gypsum Wallboard
52-3G-03	12	NAD	NA	x		Bldg. 52-3G	Joint Compound
52-3G-04	13	NAD	NA	x		Bldg. 52-3G	Gypsum Wallboard
52-4G-05	32	NAD	NAD		x	Bldg. 52-4G, I.T. Room	2 x 2 Raised Floor White W/ Specs
52-4G-06	32	NAD	NAD		x	Bldg. 52-4G, I.T. Room	2 x 2 Raised Floor White W/ Specs
52-4G-07	33	NAD	NA	x		Bldg. 52-4G, I.T. Room	2 x 4 Gypsum Ceiling Panel
52-4G-08	33	NAD	NA	x		Bldg. 52-4G, I.T. Room	2 x 4 Gypsum Ceiling Panel
52-3G-09	34	NAD	NA	x		Bldg. 52-3G	Fitting Insul. Low Pressure Return
52-3G-10	34	NAD	NA	x		Bldg. 52-3G	Fitting Insul. Low Pressure Condensate
52-3G-11	34	NAD	NA	x		Bldg. 52-3G	Fitting Insul. Low Pressure Condensate
52-3G-12	24	NAD	NA	x		Bldg. 52-3G	Lg. Fiberglass Pipe Jacket Low Pressure
52-3G-13	24	NAD	NA	x		Bldg. 52-3G	Lg. Fiberglass Pipe Jacket Low Pressure
52-3G-14	24	NAD	NA	x		Bldg. 52-3G	Lg. Fiberglass Pipe Jacket Low Pressure
52-3G-15	34	NAD	NA	x		Bldg. 52-3G	8" Pipe Fitting Insulation Low Pressure
52-3G-16	34	NAD	NA	x		Bldg. 52-3G	8" Pipe Fitting Insulation Low Pressure
52-3G-17	34	NAD	NA	x		Bldg. 52-3G	8" Pipe Fitting Insulation Low Pressure
AmeriSci # 224122836							
52-4D-01	16	NAD	NAD		x	Bldg. 52-4D	12" X 12" Tan / Brown Streaks Floor Tile
52-4D-02	23	NAD	NAD		x	Bldg. 52-4D	Floor Tile Vapor Barrier
52-4D-03	8	NAD	NAD		x	Bldg. 52-4D	12" X 12" Beige Marbled Floor Tile
52-4D-04	12	NAD	NA	x		Bldg. 52-4D	Joint Compound
52-4D-05	13	NAD	NA	x		Bldg. 52-4D	Gypsum Wall Board
52-4D-06	26	NAD	NA	x		Bldg. 52-4D Corridor	Fiberglass Pipe Jacket 3" Vertical
52-4D-07	29	NAD	NAD		x	Bldg. 52-4D	Carpet Glue
52-3D-08	12	NAD	NA	x		Bldg. 52-3D	Joint Compound
52-3D-09	13	NAD	NA	x		Bldg. 52-3D	Gypsum Wall Board
52-3D-10	35	NAD	NAD		x	Bldg. 52-3D	Partition Wall Board (White)
52-3D-11	35	NAD	NA	x		Bldg. 52-3D	Fabric Wall Board Covering
52-3D-12	20	1.9	NA		x	Bldg. 52-3D	Interior Window Caulk
AmeriSci # 224122835							
52-1F-01	12	NAD	NA	x		Bldg.52-1F	Joint Compound
52-1F-02	13	NAD	NA	x		Bldg.52-1F	Gypsum Wall Board
52-3F-03	12	NAD	NA	x		Bldg.52-3F	Joint Compound
52-3F-04	13	NAD	NA	x		Bldg.52-3F	Gypsum Wall Board
52-4F-05	12	NAD	NA	x		Bldg.52-4F	Joint Compound
52-4F-06	13	NAD	NA	x		Bldg.52-4F	Gypsum Wall Board
AmeriSci # 224122838							
52-2B-01	12	NAD	NA	x		Bldg. 52-2B	Joint Compound
52-2B-02	13	NAD	NA	x		Bldg. 52-2B	Gypsum Wall Board
52-4B-03	8	NAD	NAD		x	Bldg. 52-4B	12" X 12" Beige Marbled Floor Tile
52-4B-04	15	NAD	NAD		x	Bldg. 52-4B	Floor Tile Mastic (Brown)
52-4B-05	12	NAD	NA	x		Bldg. 52-4B	Joint Compound
52-4B-06	13	NAD	NA	x		Bldg. 52-4B	Gypsum Wall Board

Asbestos Survey
Former Remington Arms
Project # 24-33-010

SAMPLE #	HOMO ID #	PLM Results	TEM Results	Friables	NOR	SAMPLE LOCATION	MATERIAL SAMPLED
AmeriSci # 224122838 continued							
52-1B-07	12	NAD	NA	x		Bldg. 52-1B	Joint Compound
52-1B-08	13	NAD	NA	x		Bldg. 52-1B	Gypsum Wall Board
52-1B-09	36	NAD	NAD		x	Bldg. 52-1B	2 X 4 Ceiling Tile - White Fissured
52-1B-10	20	3.1	NA		x	Bldg. 52-1B	Interior Window Caulk
52-1B-11	36	NAD	NAD		x	Bldg. 52-1B	2 X 4 Ceiling Tile - White Fissured
AmeriSci # 224122837							
52-2E-01	30	3.6	NA		x	Bldg. 52-2E	9" X 9" Green Floor Tile
52-2E-02	29	NAD	NAD		x	Bldg. 52-2E	Carpet Glue (Yellow)
52-2E-03	12	NAD	NA	x		Bldg. 52-2E	Joint Compound
52-2E-04	13	NAD	NA	x		Bldg. 52-2E	Gypsum Wall Board
52-2E-05	8	NAD	<1.0		x	Bldg. 52-2E Under Carpet	12" X 12" Beige Marbled Floor Tile
52-1E-06	12	NAD	NA	x		Bldg. 52-1E	Joint Compound
52-1E-07	13	NAD	NA	x		Bldg. 52-1E	Gypsum Wall Board
52-3E-08	12	NAD	NA	x		Bldg. 52-3E	Joint Compound
52-3E-09	13	NAD	NA	x		Bldg. 52-3E	Gypsum Wall Board
52-3E-10	31	NAD	NA	x		Bldg. 52-3E	Black Countertop On Wood
52-3E-11	31	NAD	NA	x		Bldg. 52-3E	Black Countertop On Wood
52-4E-12	26	NAD	NA	x		Bldg. 52-4E	Fiberglass Pipe Jacket
52-2E-13	30	NA/PS	NA		x	Bldg. 42-2E	9" X 9" Green Floor Tile
AmeriSci # 224122996							
82-1-01	60	NAD	NA	x		Bldg. 82-1 NE Corner	Gypsum Wall Board
82-1-02	61	NAD	NA	x		Bldg. 82-1 NE Corner	Joint Compound
82-2-03	62	NAD	NA	x		Bldg. 82-2 NW Corner	Insulation Board
82-2-04	63	NAD	NA	x		Bldg. 82-2 NW Corner	Insulation Board
82-2-05	60	NAD	NA	x		Bldg. 82-2 North Side	Gypsum Wall Board
82-2-06	61	NAD	NA	x		Bldg. 82-2 North Side	Joint Compound
82-2-07	64	NAD	NAD		x	Bldg. 82-2 North Side	Glue Puck Under Foam Sound Panels
82-2-08	64	NAD	NAD		x	Bldg. 82-2 North Side	Glue Puck Under Foam Sound Panels
82-2-09	65	NAD	NAD		x	Bldg. 82-2 North Side	Interior Window Caulk
82-2-10	66	NAD	NAD		x	Bldg. 82-2 North Side	Window Glazing
AmeriSci # 224122993							
47-2-01	51	28	NA	x		Bldg. 47-2	Tank Insulation
47-2-02	52	30	NA	x		Bldg. 47-2	Pipe Insulation
47-1-03	51	NA/PS	NA	x		Bldg. 47-1	Tank Insulation
47-1-04	52	NA/PS	NA	x		Bldg. 47-1	Pipe Insulation
47-1-05	51	NA/PS	NA	x		Bldg. 47-1	Tank Insulation
47-1-06	52	NA/PS	NA	x		Bldg. 47-1	Pipe Insulation
47-1-07	38	NAD	NA	x		Bldg. 47-1	Joint Compound
47-1-08	37	NAD	NA	x		Bldg. 47-1	Gypsum
47-1-09	41	9.4	NA		x	Bldg. 47-1	12 x 12 Tan w/Brown Streaks
47-1-10	50	NAD	NAD		x	Bldg. 47-1	12 x 12 Black Mastic
47-1-11	54	NAD	NAD		x	Bldg. 47-1	Gray Epoxy Floor
47-1-12	54	NAD	NAD		x	Bldg. 47-1	Gray Epoxy Floor
48-2-01	55	NAD	NAD		x	Bldg. 48-2	12 x 12 Beige w/White Streak

Asbestos Survey
Former Remington Arms
Project # 24-33-010

SAMPLE #	HOMO ID #	PLM Results	TEM Results	Friables	NOR	SAMPLE LOCATION	MATERIAL SAMPLED
AmeriSci # 224122993 continued							
48-2-02	56	NAD	NAD		x	Bldg. 48-2	Fiberglass Batt Insulation
48-2-03	56	NAD	NAD		x	Bldg. 48-2	Fiberglass Batt Insulation
48-2-04	38	NAD	NA	x		Bldg. 48-2	Joint Compound
48-2-05	37	NAD	NA	x		Bldg. 48-2	Gypsum Wall
AmeriSci # 224122995							
83-4-01	60	NAD	NA	x		Bldg. 83-4	Gypsum Wall
83-4-02	61	NAD	NA	x		Bldg. 83-4	Joint Compound
83-3-03	60	NAD	NA	x		Bldg. 83-3	Gypsum Wall
83-3-04	61	NAD	NA	x		Bldg. 83-3	Joint Compound
83-2-05	67	NAD	NA	x		Bldg. 83-2	2"x2" Ceramic Tile (Oak Red)
83-2-06	68	NAD	NA	x		Bldg. 83-2	Ceramic Tile Grout
83-2-07	69	<0.3	<1.0		x	Bldg. 83-2	Ceramic Tile Mastic
83-2-08	60	NAD	NA	x		Bldg. 83-2	Gypsum Wall
83-2-09	61	NAD	NA	x		Bldg. 83-2	Joint Compound
AmeriSci # 224122996							
65-2-01	79	NAD	NAD		x	Bldg. 65-2	Ceiling Tile 2x4 White W/ Fissures
65-2-02	79	NAD	NAD		x	Bldg. 65-2	Ceiling Tile 2x4 White W/ Fissures
65-2-03	80	NAD	NA	x		Bldg. 65-2	Gypsum Wall
65-2-04	81	NAD	NA	x		Bldg. 65-2	Joint Compound
65-2-05	82	NAD	NAD		x	Bldg. 65-2	Rubber Floor - Brown
65-2-06	83	NAD	NAD		x	Bldg. 65-2	Yellow Floor Mastic
66-1-01	84	NAD	NAD		x	Bldg. 66-1	Insulation Blanket
66-1-02	84	NAD	NAD		x	Bldg. 66-1	Insulation Blanket
AmeriSci # 224123058							
MB-1-100	97	NAD	NA	x		Maintenance Bldg.	Spray-On White
MB-1-101	97	NAD	NA	x		Maintenance Bldg.	Spray-On White
MB-EXT-102	98	NAD	NAD		x	Maintenance Bldg. West Side	Exterior Door Caulk
44-1-01	99	NAD	NA	x		44-1	Wall Insulation
44-1-02	99	NAD	NA	x		44-1	Wall Insulation
52D-EXT-100	21	NAD	NAD		x	52-D-Ext South Side	Exterior Window Caulk
52D-EXT-101	21	<0.3	<1.0		x	52-D-Ext South Side	Exterior Caulk
52C-EX-102	100	NAD	NAD		x	52-C-Ext South Side	Exterior Door Caulk
53-EXT-100	101	3.0	NA		x	53 - Ext SW Corner	Exterior Window Caulk
53-EXT-101	102	NAD	<1.0		x	53 - Ext SW Corner	Glazing
63 - 1 - 01	103	NAD	NA	x		63-1	Gypsum
63 - 1 - 02	104	NAD	NA	x		63-1	Joint Compound
66-EXT-100	105	NAD	NAD		x	66-Ext West Side	Expansion Joint
75-EXT-100	106	NAD	Trace		x	75-Ext East Side	Ext Window Caulk
75-EXT-101	107	NAD	NAD		x	75-Ext East Side	Glazing
2525-EXT-01	108	18	NA	x		2525-Ext East Side	Ext Wall Board
2525-EXT-02	108	25	NA	x		2525-Ext East Side	Ext Wall Board
2525.1.03	109	36	NA	x		2525-1	Interior Wall Board

Asbestos Survey
Former Remington Arms
Project # 24-33-010

SAMPLE #	HOMO ID #	PLM Results	TEM Results	Friables	NOR	SAMPLE LOCATION	MATERIAL SAMPLED
AmeriSci # 224123058 continued							
2525.1.04	109	28	NA	x		2525-1	Interior Wall Board
2525-EXT-05	110	NAD	NAD		x	Roof	Tar Paper
2525-EXT-06	110	NAD	NAD		x	Roof	Tar Paper
76-EXT-100	111	NAD	NAD		x	76-Ext East Side	Louver Caulk
76-EXT-101	111	NAD	NAD		x	76-Ext East Side	Louver Caulk
76-EXT-102	112	2.2	NA		x	76-Ext East Side	Window Caulk (White)
76-EXT-103	112	2.1	NA		x	76-Ext East Side	Window Caulk (White)
AmeriSci # 224122994							
72-2-01	85	5.3	NA		x	Bldg. 72-2	9 X 9 Floor Tile Tan (Light)
72-2-02	86	3.7	NA		x	Bldg. 72-2	9 X 9 Black Mastic
72-2-03	87	7.5	NA		x	Bldg. 72-2	9 X 9 Floor Tile Tan (Dark)
72-2-04	86	NA/PS	NA		x	Bldg. 72-2	9 X 9 Black Mastic
72-2-05	88	NAD	NA	x		Bldg. 72-2	Gypsum Wall
72-2-06	89	NAD	NA	x		Bldg. 72-2	Joint Compound
72-2-07	90	NAD	NAD		x	Bldg. 72-2	Woven Wallboard (Tan)
72-2-08	91	NAD	NAD		x	Bldg. 72-2	Interior Window Caulk
72-2-09	92	<0.3	<1.0		x	Bldg. 72-2	Interior Window Glazing
72-3-10	93	NAD	NAD		x	Bldg. 72-3	Woven Wallboard (Brown)
72-3-11	93	NAD	NAD		x	Bldg. 72-3	Woven Wallboard (Brown)
72-3-12	94	NAD	NAD		x	Bldg. 72-3	12 X 12 Floor Tile (Light Beige)
72-3-13	95	NAD	NAD		x	Bldg. 72-3	12 X 12 Yellow Mastic
72-3-14	85	NA/PS	NA		x	Bldg. 72-3	9 X 9 Floor Tile (Light Beige)
72-3-15	86	NA/PS	NA		x	Bldg. 72-3	9 X 9 Black Mastic
72-3-16	87	NA/PS	NA		x	Bldg. 72-3	9 X 9 Floor Tile (Dark Brown)
72-3-17	86	NA/PS	NA		x	Bldg. 72-3	9 X 9 Black Mastic
72-4-18	91	<0.3	1.4		x	Bldg. 72-4	Interior Window Caulk
72-4-19	92	<0.3	<1.0		x	Bldg. 72-4	Interior Window Glazing
72-4-20	96	NAD	NA	x		Bldg. 72-4	Plaster / Wall
72-1-21	88	NAD	NA	x		Bldg. 72-4	Gypsum Wall
72-1-22	89	NAD	NA	x		Bldg. 72-4	Joint Compound
AmeriSci # 224123059							
75-3-1	113	NAD	NAD		x	Bldg. 75-3	Ceiling Tile 2x4 White W/ Dots & Fissures
75-3-02	113	NAD	NAD		x	Bldg. 75-3	Ceiling Tile 2x4 White W/ Dots & Fissures
75A-3-01	114	NAD	NA	x		Bldg. 75A-3	Gypsum Wall Board
75A-3-02	115	1.5	NA	x		Bldg. 75A-3	Joint Compound
76-2-01	114	NAD	NA	x		Bldg. 76-2	Gypsum Wall Board
76-2-02	115	NAD	NA	x		Bldg. 76-2	Joint Compound
76-2-03	92	<0.3	1.6		x	Bldg. 76-2	Interior Window Glazing
76-3-04	114	NAD	NA	x		Bldg. 76-3	Gypsum Wall Board
76-3-05	115	NAD	NA	x		Bldg. 76-3	Joint Compound
77-2-01	116	NAD	NAD		x	Bldg. 77-2	Interior Window Caulk
77-2-02	117	NAD	NAD		x	Bldg. 77-2	12x12 Floor Tile - Light Cream Pattern
77-2-03	118	NAD	NAD		x	Bldg. 77-2	12x12 Black Mastic
77-3-04	119	NAD	NAD		x	Bldg. 77-3	4" x 4" Ceramic Tile - Yellow

Asbestos Survey
Former Remington Arms
Project # 24-33-010

SAMPLE #	HOMO ID #	PLM Results	TEM Results	Friables	NOR	SAMPLE LOCATION	MATERIAL SAMPLED
AmeriSci # 224123059 continued							
77-3-05	120	NAD	NAD		x	Bldg. 77-3	Ceramic Tile Mastic - Yellow
81-2-01	121	6.8	NA		x	Bldg. 81-2	9" x 9" Floor Tile - White
81-2-02	122	NAD	NAD		x	Bldg. 81-2	9" x 9" Black Mastic
81-2-03	121	7.9	NA		x	Bldg. 81-2	9" x 9" Floor Tile - Brown
81-2-04	122	NAD	NAD		x	Bldg. 81-2	9" x 9" Black Mastic
81-2-05	123	NAD	NA	x		Bldg. 81-2	Gypsum Wall Board
89-1-01	124	NAD	NA	x		Bldg. 89-1	4" x 4" Ceramic Tile - Green
89-1-02	125	NAD	NAD		x	Bldg. 89-1	Ceramic Tile Mastic - Yellow
AmeriSci # 224122996							
52-1H-01	HA1	NAD	NA	x		Bldg. 52H, 1st Floor	Gypsum Wall, Top Layer
52-1H-02	HA1	NAD	NA	x		Bldg. 52H, 1st Floor	Gypsum Wall, Top Layer
52-1H-03	HA2	NAD	NA	x		Bldg. 52H, 1st Floor	Gypsum Wall, Bottom Layer
52-1H-04	HA2	NAD	NA	x		Bldg. 52H, 1st Floor	Gypsum Wall, Bottom Layer
52-1H-05	HA3	NAD	NA	x		Bldg. 52H, 1st Floor	Joint Compound
52-1H-06	HA3	NAD	NA	x		Bldg. 52H, 1st Floor	Joint Compound
52-1H-07	HA4	NAD	NAD		x	Bldg. 52H, 1st Floor	12 x 12 Floor Tile, Brown / Light Brown
52-1H-08	HA4	NAD	NAD		x	Bldg. 52H, 1st Floor	12 x 12 Floor Tile, Brown / Light Brown
52-1H-09	HA5	NAD	NAD		x	Bldg. 52H, 1st Floor	12 x 12 Yellow Mastic
52-1H-10	HA5	NAD	NAD		x	Bldg. 52H, 1st Floor	12 x 12 Yellow Mastic
52-1H-11	HA6	NAD	NAD		x	Bldg. 52H, 1st Floor	Black Cove Base
52-1H-12	HA6	NAD	NAD		x	Bldg. 52H, 1st Floor	Brown Cove Base
52-1H-13	HA6	NAD	NAD		x	Bldg. 52H, 1st Floor	Brown Cove Base
52-1H-14	HA7	NAD	NAD		x	Bldg. 52H, 1st Floor	12 x 12 Spline Ceiling Tile
52-1H-15	HA8	NAD	NAD		x	Bldg. 52H, 1st Floor	2' x 2' Ceiling Tile White / Smooth
52-1H-16	HA8	NAD	NAD		x	Bldg. 52H, 1st Floor	2' x 2' Ceiling Tile White / Smooth
52-1H-17	HA9	NAD	NAD		x	Bldg. 52H, 1st Floor	2' x 2' Ceiling Tile White W/ Fissures
52-1H-18	HA9	NAD	NAD		x	Bldg. 52H, 1st Floor	2' x 2' Ceiling Tile White W/ Fissures
52-2H-19	HA6	NAD	NAD		x	Bldg. 52H, 2nd Floor	Black Cove Base
52-2H-20	HA7	NAD	NAD		x	Bldg. 52H, 2nd Floor	12 x 12 Spline Ceiling Tile
52-2H-21	HA10	NAD	NAD		x	Bldg. 52H, 2nd Floor	2 x 4 Ceiling Tile White W/ Fissures
52-2H-22	HA10	NAD	NAD		x	Bldg. 52H, 2nd Floor	2 x 4 Ceiling Tile White W/ Fissures
52-2H-23	HA1	NAD	NA	x		Bldg. 52H, 2nd Floor	Gypsum Wall
52-2H-24	HA1	NAD	NA	x		Bldg. 52H, 2nd Floor	Gypsum Wall
52-2H-25	HA3	NAD	NA	x		Bldg. 52H, 2nd Floor	Joint Compound
52-2H-26	HA3	NAD	NA	x		Bldg. 52H, 2nd Floor	Joint Compound
AmeriSci # 224122996							
47-1-13	126	NAD	NA	x		Bldg. 47-1	Black Foam Pipe Insulation
48-1-06	126	NAD	NA	x		Bldg. 48-1	Black Foam Pipe Insulation
48-1-08	127	NAD	NA	x		Bldg. 48-1	Pipe Spray Covering
48-1-09	127	NAD	NA	x		Bldg. 48-1	Pipe Spray Covering
57-1-01	126	NAD	NA	x		Bldg. 57-1	Black Foam Pipe Insulation
66-1-03	77	NAD	NA	x		Bldg. 66-1	Fitting on Fiberglass (Coupler Cover)

Asbestos Survey
Former Remington Arms
Project # 24-33-010

SAMPLE #	HOMO ID #	PLM Results	TEM Results	Friables	NOR	SAMPLE LOCATION	MATERIAL SAMPLED
AmeriSci # 224122996 continued							
66-1-04	77	NAD	NA	x		Bldg. 66-1	Fitting on Fiberglass (Coupler Cover)
66-1-05	77	NAD	NA	x		Bldg. 66-1	Fitting on Fiberglass (Coupler Cover)
AmeriSci # 225011465							
82-1-11	128	57	NA	x		Bldg. 82, 1st Floor	Duct Tape
82-1-12	128	NA/PS	NA	x		Bldg. 82, 1st Floor	Duct Tape
82-1-13	128	NA/PS	NA	x		Bldg. 82, 1st Floor	Duct Tape
82-2-14	129	NAD	NA	x		Bldg. 82, 2nd FI Shot Latch	Gypsum Deck
82-2-15	129	NAD	NA	x		Bldg. 82, 2nd FI Shot Latch	Gypsum Deck
82-2-16	130	<0.3	NA	x		Bldg. 82, 2nd Floor	Plaster Ceiling
82-2-17	130	<0.3	NA	x		Bldg. 82, 2nd Floor	Plaster Ceiling
82-2-18	130	<0.3	NA	x		Bldg. 82, 2nd Floor	Plaster Ceiling
82-2-19	131	NAD	NAD		x	Bldg. 82, 2nd FI Shooting Range	Insulation Board Glue
82-2-20	131	NAD	NAD		x	Bldg. 82, 2nd FI Shooting Range	Insulation Board Glue
88-1-01	132	<0.3	<1.0		x	Bldg. 88 1st Floor	Interior Window Glazing
88-1-02	132	<0.3	1.5		x	Bldg. 88 1st Floor	Interior Window Glazing
AmeriSci # 225011466							
84-1-15	133	4.5	NA	x		Bldg. 84, 1st Floor	Pipe Insulation
84-1-16	133	NA/PS	NA	x		Bldg. 84, 1st Floor	Pipe Insulation
84-1-17	133	NA/PS	NA	x		Bldg. 84, 1st Floor	Pipe Insulation
84-3-18	134	NAD	NAD		x	Bldg. 84, 3rd Floor	12 x 12 Spline Ceiling Tile
84-3-19	134	NAD	NAD		x	Bldg. 84, 3rd Floor	12 x 12 Spline Ceiling Tile
85-2-14	66	NAD	NAD		x	Bldg. 85, 2nd Floor	Interior Window Glazing
85-2-15	66	NAD	NAD		x	Bldg. 85, 2nd Floor	Interior Window Glazing
86-4-13	135	5.3	NA	x		Bldg. 85, 4th Floor	Machine Insulation
86-4-14	135	NA/PS	NA	x		Bldg. 85, 4th Floor	Machine Insulation
86-4-15	135	NA/PS	NA	x		Bldg. 85, 4th Floor	Machine Insulation
86-4-16	136	25	NA	x		Bldg. 85, 4th Floor	Machine Gaskets
86-4-17	136	NA/PS	NA	x		Bldg. 85, 4th Floor	Machine Gaskets
AmeriSci # 225011467							
46-3-32	137	1.5	NA	x		Bldg. 46 3rd Floor	Pipe Insulation
47-1-14	137	40	NA	x		Bldg. 47 1st Floor	Pipe Insulation
47-1-15	137	NA/PS	NA	x		Bldg. 47 1st Floor	Pipe Insulation
47-4-16	137	36	NA	x		Bldg. 47 4th Floor	Pipe Insulation
48-1-10	137	6.8	NA	x		Bldg. 48 1st Floor	Pipe Insulation
48-4-11	137	5	NA	x		Bldg. 48 4th Floor	Pipe Insulation
51-3-9	138	NAD	NA	x		Bldg. 51 3rd Floor	Pipe Insulation
51-3-10	138	NAD	NA	x		Bldg. 51 3rd Floor	Pipe Insulation
51-3-11	138	NAD	NA	x		Bldg. 51 3rd Floor	Pipe Insulation
51-1-12	137	16	NA	x		Bldg. 51 1st Floor	Pipe Insulation
53-1-03	139	NAD	NAD		x	Bldg. 53 3rd Floor	Pipe Jacket
53-1-04	140	NAD	NA	x		Bldg. 53 1st Floor	Tank Insulation
53-01-01	141	NAD	NA	x		Bldg. 53 1st Floor	Exhaust Pipe Insulation
53-1-02	141	NAD	NA	x		Bldg. 53 1st Floor	Exhaust Pipe Insulation

Asbestos Survey
Former Remington Arms
Project # 24-33-010

SAMPLE #	HOMO ID #	PLM Results	TEM Results	Friables	NOR	SAMPLE LOCATION	MATERIAL SAMPLED
AmeriSci # 225011467							
54-1-01	137	40	NA	x		Bldg. 54 1st Floor	Pipe Insulation
54-1-02	137	NA/PS	NA	x		Bldg. 54 1st Floor	Pipe Insulation
60-1N-01	142	NAD	NA	x		Bldg. 60 1st Floor	Mudded Elbow
60-1N-02	138	NAD	NA	x		Bldg. 60 1st Floor	Pipe Insulation
60-1S-03	138	NAD	NA	x		Bldg. 60 1st Floor	Pipe Insulation
66-1-06	138	NAD	NA	x		Bldg. 66 1st Floor	Pipe Insulation
66-2-07	143	NAD	NAD		x	Bldg. 66 2nd Floor	2' x 2' Ceiling Tile White / Fissures
66-2-08	144	NAD	NA	x		Bldg. 66 2nd Floor	Gypsum Wall
66-2-09	144	NAD	NA	x		Bldg. 66 2nd Floor	Gypsum Wall
66-2-10	145	NAD	NAD		x	Bldg. 66 2nd Floor	12 x 12 Floor Tile Tan Patterned
66-2-11	146	2.9	NA		x	Bldg. 66 2nd Floor	12 x 12 Black Mastic
66-1-12	147	NAD	NA	x		Bldg. 66 1st Floor	Black Foam Pipe Insulation City Water
66-1-13	147	NAD	NA	x		Bldg. 66 1st Floor	Black Foam Pipe Insulation Well Water
66-2-14	143	NAD	NAD		x	Bldg. 66 2nd Floor	2 x 2 Ceiling Tile White / Fissures
66-2-15	144	NAD	NA	x		Bldg. 66 2nd Floor	Gypsum Wall
66-2-16	148	<0.3	NA	x		Bldg. 66 2nd Floor	Joint Compound
66-2-17	145	NAD	<1.0		x	Bldg. 66 2nd Floor	12 x 12 Floor Tile Tan Patterned
66-2-18	146	NA/PS	NA		x	Bldg. 66 2nd Floor	12 x 12 Black Mastic
72-4-23	149	NAD	NA	x		Bldg. 72-4	Plaster Wall
72-4-24	149	NAD	NA	x		Bldg. 72-4	Plaster Wall
85-5-09	150	22	NA	x		Bldg. 85 Sub Basement	Transite Wall Board
85-5-10	150	24	NA	x		Bldg. 85 Sub Basement	Transite Wall Board
85-5-11	151	57	NA	x		Bldg. 85 Sub Basement	Pipe Insulation -Aircell
85-5-12	152	13	NA	x		Bldg. 85 Sub Basement	Pipe Insulation - MAG
85-5-13	153	NAD	NA	x		Bldg. 85 Sub Basement	Plaster Wall
85-Ext-100	154	NAD	NA	x		Bldg. 85 Exterior	Exterior Mortar
85-EXT-101	154	NAD	NA	x		Bldg. 85 Exterior	Exterior Mortar
86-4-10	155	21	NA	x		Bldg. 86-4	Tank Insulation
86-4-11	155	5.3	NA	x		Bldg. 86-4	Tank Insulation
86-4-12	155	2.3	NA	x		Bldg. 86-4	Tank Insulation
AmeriSci # 224122988							
85-1-01	73	NAD	NA	x		Bldg. 85-1 Center	Terracotta Wall
85-1-02	73	NAD	NA	x		Bldg. 85-1 North End	Terracotta Wall
85-1-03	74	NAD	NA	x		Bldg. 85-1 South End	Decorative Wall Covering (Brown)
85-1-04	75	NAD	NA	x		Bldg. 85-1 South End	Decorative Wall Covering (Woven)
85-1-05	76	NAD	NA	x		Bldg. 85-1 South End	Plaster Wall (Brown)
85-1-06	74	NAD	NA	x		Bldg. 85-1 South End	Decorative Wall Covering (Brown)
85-1-07	75	NAD	NA	x		Bldg. 85-1 South End	Decorative Wall Covering (Woven)
85-1-08	76	NAD	NA	x		Bldg. 85-1 South End	Plaster Wall
86-1-01	65	NAD	NAD		x	Bldg. 86-1	Interior Window Caulk
86-1-02	66	NAD	NAD		x	Bldg. 86-1	Window Glazing
86-1-03	26	NAD	NA	x		Bldg. 86-1	Fiberglass Pipe Jacket
86-2-04	78	NAD	NAD		x	Bldg. 86-2	Duct Sealant

Asbestos Survey
Former Remington Arms
Project # 24-33-010

SAMPLE #	HOMO ID #	PLM Results	TEM Results	Friables	NOR	SAMPLE LOCATION	MATERIAL SAMPLED
AmeriSci # 224122988 continued							
86-2-05	78	NAD	NAD		x	Bldg. 86-2	Duct Sealant
86-4-06	60	NAD	NA	x		Bldg. 86-4	Gypsum Wall
86-4-07	61	NAD	NA	x		Bldg. 86-4	Joint Compound
86-4-08	65	NAD	NAD		x	Bldg. 86-4	Interior Window Caulk
86-4-09	66	<0.3	<1.0		x	Bldg. 86-4	Window Glazing
AmeriSci # 224122989EEE							
46-1-01	37	NAD	NA	x		Bldg. 46-1 NW Side	Gypsum Wall Board
46-1-02	38	NAD	NA	x		Bldg. 46-1 NW Side	Joint Compound
46-1-03	39	NAD	NAD		x	Bldg. 46-1 NE Side	Glue Puck
46-1-04	39	NAD	NAD		x	Bldg. 46-1 NE Side	Glue Puck
46-2-05	40	NAD	NA	x		Bldg. 46-2 West Side	Thin Wall Board
46-2-06	40	NAD	NA	x		Bldg. 46-2 West Side	Thin Wall Board
46-2-07	37	NAD	NA	x		Bldg. 46-2 West Side	Gypsum Wall Board
46-2-08	38	NAD	NA	x		Bldg. 46-2 West Side	Joint Compound
46-2-09	41	NAD	NA	x		Bldg. 46-2 East Side	12" X 12" FT Tan W/ Brown Streaks
46-2-10	42	NAD	NAD		x	Bldg. 46-2 East Side	Floor Tile Mastic (Yellow)
46-2-11	43	NAD	NAD		x	Bldg. 46-2 East Side	12" X 12" FT Brown (Top Layer)
46-2-12	44	3.6	NA		x	Bldg. 46-2 East Side	12" X 12" FT White (Bottom Layer)
46-2-13	45	2.4	NA		x	Bldg. 46-2 East Side	Vapor Barrier / Felt Paper (Under 9X9 FT)
46-2-14	46	5.5	NA		x	Bldg. 46-2 East Side	9" X 9" Floor Tile (Lt Tan)
46-2-15	45	NA/PS	NA		x	Bldg. 46-2 East Side	Vapor Barrier / Felt Paper (Under 9X9 FT)
46-2-16	43	NAD	NAD		x	Bldg. 46-2 East Side	12" X 12" FT Brown (Top Layer)
46-2-17	44	NA/PS	NA		x	Bldg. 46-2 East Side	White Floor Tile (Bottom Layer)
46-2-18	45	NA/PS	NA		x	Bldg. 46-2 East Side	Vapor Barrier / Felt Paper (Under FT)
46-2-19	26	NAD	NA		x	Bldg. 46-2 East Side	Fiberglass Pipe Jacket
46-3-20	41	5.8	NA		x	Bldg. 46-3 East Side	12" X 12" FT Tan W/ Brown Streaks
46-3-21	42	NAD	NAD		x	Bldg. 46-3 East Side	12" X 12" FT Mastic Black
46-3-22	37	NAD	NA	x		Bldg. 46-3 East Side	Gypsum Wall Board
46-3-23	38	NAD	NA	x		Bldg. 46-3 East Side	Joint Compound
46-4-24	47	NAD	NAD		x	Bldg. 46-4 South End Office	12" X 12" FT Tan Marbled
46-4-25	42	NAD	NAD		x	Bldg. 46-4 South End Office	12" X 12" Floor Mastic Yellow
46-4-26	47	NAD	NAD		x	Bldg. 46-4 South End Office	12" X 12" FT Tan Marbled
46-4-27	42	NAD	NAD		x	Bldg. 46-4 South End Office	12" X 12" Floor Mastic Yellow
46-4-28	38	NAD	NA	x		Bldg. 46-4 South End Office	Joint Compound
46-4-29	48	2.5	NA		x	Bldg. 46-4 South End Office	Window Caulk Interior
46-4-30	49	4	NA		x	Bldg. 46-4 South End Office	Window Caulk Exterior
46-4-31	50	<0.3	<1.0		x	Bldg. 46-4 South End Office	Window Glazing
AmeriSci # 224122990							
84-2-01	60	NAD	NA	x		Bldg. 84-2 Center	Gypsum Wall Board
84-2-02	65	2.8	NA		x	Bldg. 84-2 Center	Interior Window Caulk
84-2-03	66	NAD	NAD		x	Bldg. 84-2 Center	Window Glazing
84-2-04	61	NAD	NA	x		Bldg. 84-2 South End	Joint Compound
84-1-05	60	NAD	NA	x		Bldg. 84-1 Center	Gypsum Wall Board
84-1-06	61	NAD	NA	x		Bldg. 84-1 Center	Joint Compound

Asbestos Survey
 Former Remington Arms
 Project # 24-33-010

SAMPLE #	HOMO ID #	PLM Results	TEM Results	Friables	NOR	SAMPLE LOCATION	MATERIAL SAMPLED
AmeriSci # 224122990 continued							
84-1-07	70	7.6	NA		x	Bldg. 84-1 Center	9" X 9" FT Green
84-1-08	71	6.1	NA		x	Bldg. 84-1 Center	9" X 9" FT White
84-1-09	72	NAD	NAD		x	Bldg. 84-1 South End	Floor Tile Mastic Black
84-1-10	72	NAD	NAD		x	Bldg. 84-1 South End	Floor Tile Mastic Black
84-3-11	60	NAD	NA	x		Bldg. 84-3 SE Side	Gypsum Wall Board
84-3-12	61	NAD	NA	x		Bldg. 84-3 SE Side	Joint Compound
84-4-13	60	NAD	NA	x		Bldg. 84-43 South End	Gypsum Wall Board
84-4-14	61	NAD	NA	x		Bldg. 84-43 South End	Joint Compound
AmeriSci # 224122991							
49-2-01	41	NAD	NAD		x	Bldg. 49-2	12 X 12 Tan W/ Brown Streaks
49-2-02	42	NAD	NAD		x	Bldg. 49-2	12 X 12 Yellow Mastic
49-2-03	38	NAD	NA	x		Bldg. 49-2	Joint Compound
49-2-04	37	NAD	NA	x		Bldg. 49-2	Gypsum Wall Board
50-2-01	38	NAD	NA	x		Bldg. 50-2	Joint Compound
50-2-02	37	NAD	NA	x		Bldg. 50-2	Gypsum Wall Board
50-2-03	41	NAD	NAD		x	Bldg. 50-2	12 X 12 Tan W/ Brown Streaks
50-2-04	42	NAD	NAD		x	Bldg. 50-2	Yellow Mastic
51-2-01	57	NAD	NA	x		Bldg. 51-2	Ceramic Tile - Pink
51-2-02	58	NAD	NA	x		Bldg. 51-2	Tile Mastic
51-2-03	59	NAD	NA	x		Bldg. 51-2	Ceramic Tile - Stone
51-2-04	58	NAD	NAD		x	Bldg. 51-2	Tile Mastic
51-2-05	37	NAD	NA	x		Bldg. 51-2	Gypsum Wall Board
51-2-06	38	NAD	NA	x		Bldg. 51-2	Joint Compound
51-4-07	37	NAD	NA	x		Bldg. 51-4	Gypsum Wall Board
51-4-08	38	NAD	NA	x		Bldg. 51-4	Joint Compound
AmeriSci # 225011735EP							
52-1B-12	156	NAD	NA	x		Bldg. 52-1B	Mudded Fitting
52-1B-13	156	NAD	NA	x		Bldg. 52-1B	Mudded Fitting
52-1B-14	156	NAD	NA	x		Bldg. 52-1B	Mudded Fitting
63-1-01	157	NAD	NA	x		Bldg. 63.1	Duct Tape
72-4-26	158	8.3	NA	x		Bldg. 72-4 side room	Tank Insulation
72-4-27	158	NA/PS	NA	x		Bldg. 72-4 side room	Tank Insulation
72-4-28	158	NA/PS	NA	x		Bldg. 72-4 side room	Tank Insulation
72-2-25	159	8.3	NA	x		Bldg. 72-2	Pipe Insulation
72-4-29	159	NA/PS	NA	x		Bldg. 72-4	Pipe Insulation
72-4-30	159	NA/PS	NA	x		Bldg. 72-4	Pipe Insulation
77-1-06	160	20	NA	x		Bldg. 77-1 chase	Tank Insulation
77-1-07	160	NA/PS	NA	x		Bldg. 77-1 chase	Tank Insulation
77-1-08	160	NA/PS	NA	x		Bldg. 77-1 chase	Tank Insulation

*LEGEND:

ACM = Asbestos Containing Material – Contains Greater than 1 % asbestos by weight ; **Trace**= Asbestos was NOT detected above the regulatory limit of 1% by weight.; **NAD** = No Asbestos Detected ; **NA/PS** = Sample was not analyzed, but is grouped with another that tested positive for asbestos. ; **N/A** = Sample was not analyzed. Either a NOB sample that tested positive under PLM, or friable sample that is not analyzed by TEM.

APPENDIX A
Site Map

ROUTE 51

OTSEGO STREET

WEST CLARK ST.

ROUTE 55

W. STATE ST.

HOPE ST.

REMINGTON ARMS
PARKING LOT

REMINGTON ARMS
PARKING LOT

52-A

52-B

52-C

52-D

52-E

52-F

52-G

BLDG.
52-H

OLD MAIN STREET

HOEFLER AVENUE

EAST MAIN ST.

AVE.

ARLINGTON

REMINGTON AVENUE

BLDG. 80

BLDG. 78

BLDG. 79

BLDG. 75

BLDG. 76

BLDG. 74

BLDG. 77

BLDG. 65

BLDG. 66

BLDG. 65

BLDG. 60

BLDG. 60

BLDG. 53

BLDG. 58

BLDG. 50

BLDG. 54

BLDG. 55

BLDG. 48

BLDG. 56

BLDG. 57

BLDG. 46

BLDG. 84

BLDG. 85

BLDG. 82

BLDG. 82

BLDG. 83

BLDG. 86

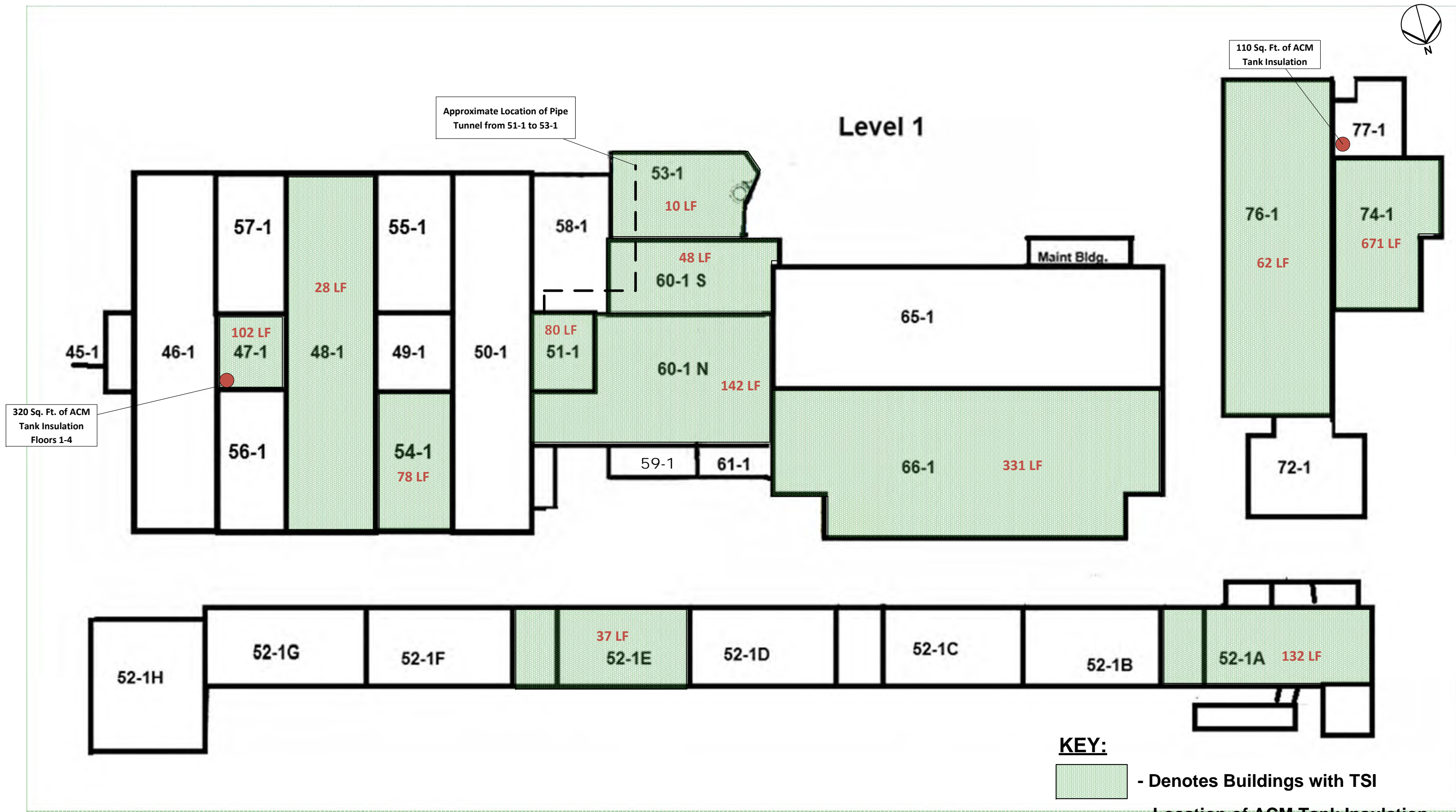
BLDG. 87

BLDG. 88

APPENDIX B
Drawings Showing ACM Locations



Level 1



KEY:

- Denotes Buildings with TSI
- Location of ACM Tank Insulation (Refer to Summary of ACM Table 2.0)
- Approx. Location of Pipe Tunnel

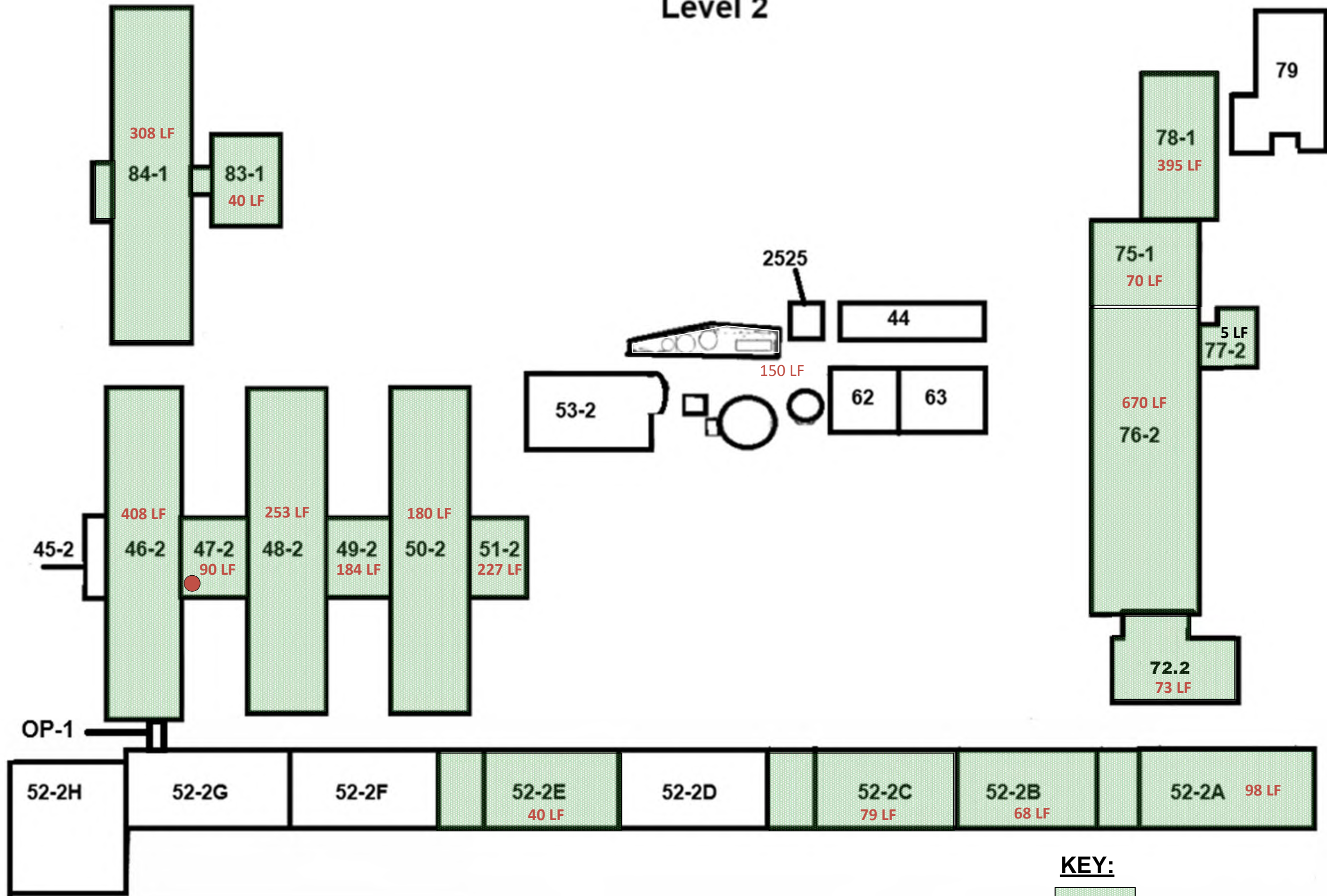


ROME ENVIRONMENTAL SOLUTIONS & TESTING, LLC
 8041 River Road, Rome NY 13440
 edousharm@romeenv.com
 (315) 794-7946

TITLE
REMINGTON ARMS SURVEY
 14 Hoefler Ave, Ilion, New York 13357

DESCRIPTION	SCALE	REPORT DATE	INSPECTOR	NYS DOL CERTIFICATION NO.
ACM Location by Building – Thermal System Insulation (TSI)	NOT TO SCALE	JANUARY 27, 2025	M. ERIC DOUSHARM	24-6L8PO-SHAB

Level 2



KEY:

- Denotes Buildings with TSI
- Location of ACM Tank Insulation (Refer to Summary of ACM Table 2.0)



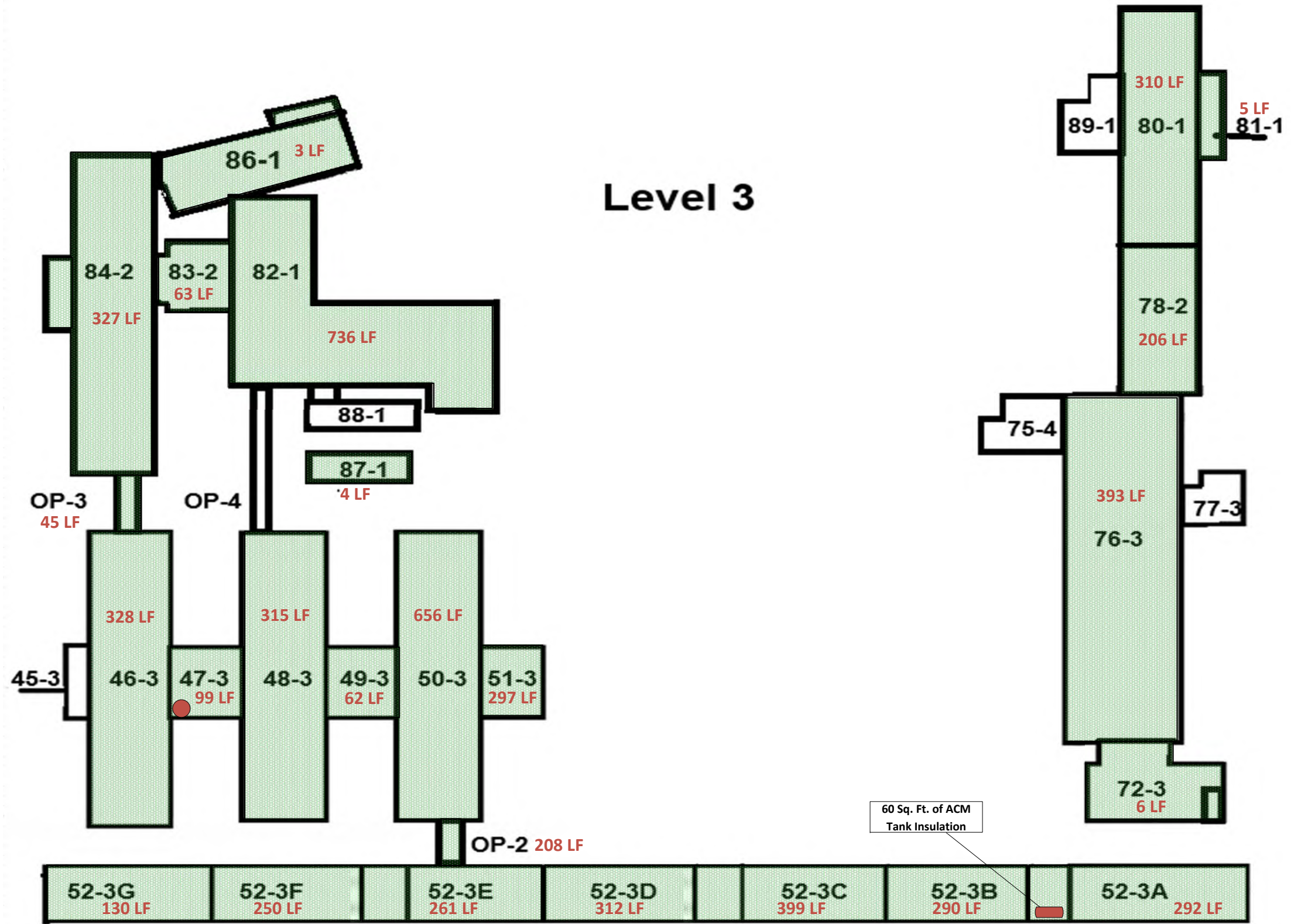
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 (315) 794-7946

TITLE
 REMINGTON ARMS SURVEY
 14 Hoefler Ave, Ilion, New York 13357

DESCRIPTION	SCALE	REPORT DATE	INSPECTOR	NYS DOL CERTIFICATION NO.
ACM Location by Building – Thermal System Insulation (TSI)	NOT TO SCALE	JANUARY 27, 2025	M. ERIC DOUSHARM	24-6L8PO-SHAB



Level 3



60 Sq. Ft. of ACM Tank Insulation

KEY:

- Denotes Buildings with TSI
- Location of ACM Tank Insulation (Refer to Summary of ACM Table 2.0)



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 edousharm@romeenv.com
 (315) 794-7946

TITLE
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DESCRIPTION
 ACM Location by Building – Thermal System Insulation (TSI)

SCALE
 NOT TO SCALE

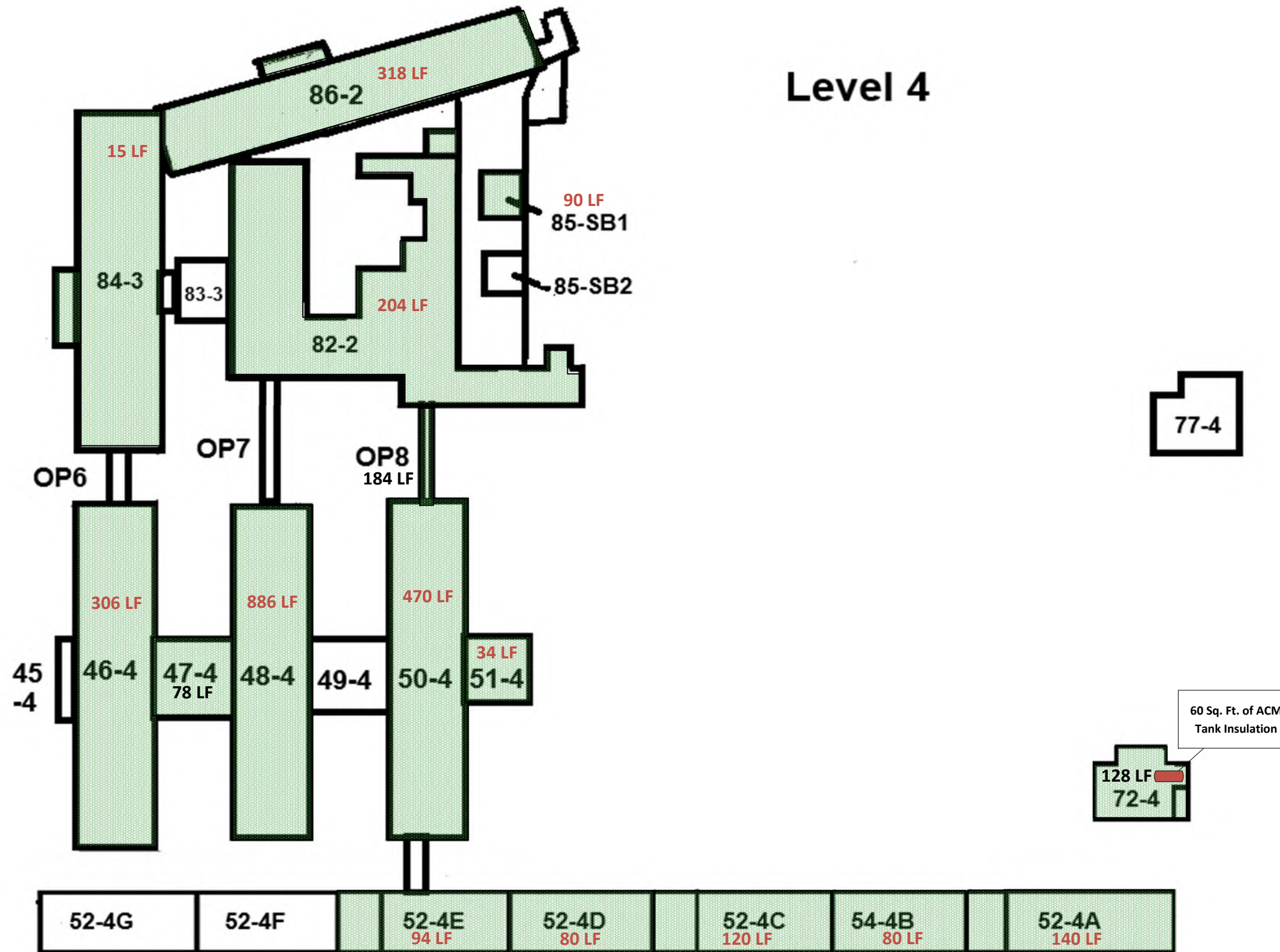
REPORT DATE
 JANUARY 27, 2025

INSPECTOR
 M. ERIC DOUSHARM

NYS DOL CERTIFICATION NO.
 24-6L8PO-SHAB



Level 4



KEY:

- Denotes Buildings with TSI
- Location of ACM Tank Insulation (Refer to Summary of ACM Table 2.0)



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 edousharm@romeenv.com
 (315) 794-7946

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DESCRIPTION
 ACM Location by Building – Thermal System Insulation (TSI)

SCALE
 NOT TO SCALE

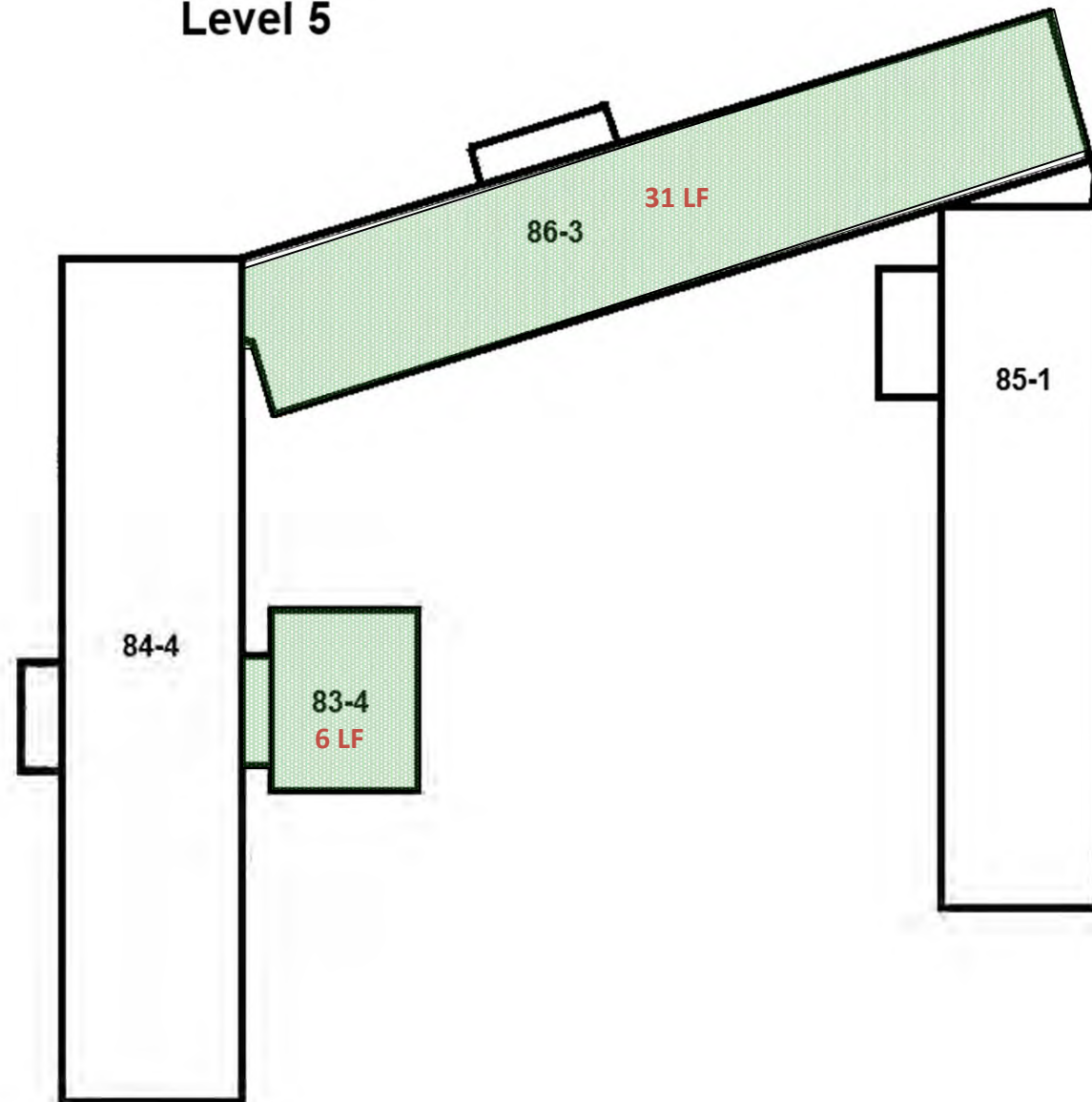
REPORT DATE
 JANUARY 27, 2025

INSPECTOR
 M. ERIC DOUSHARM

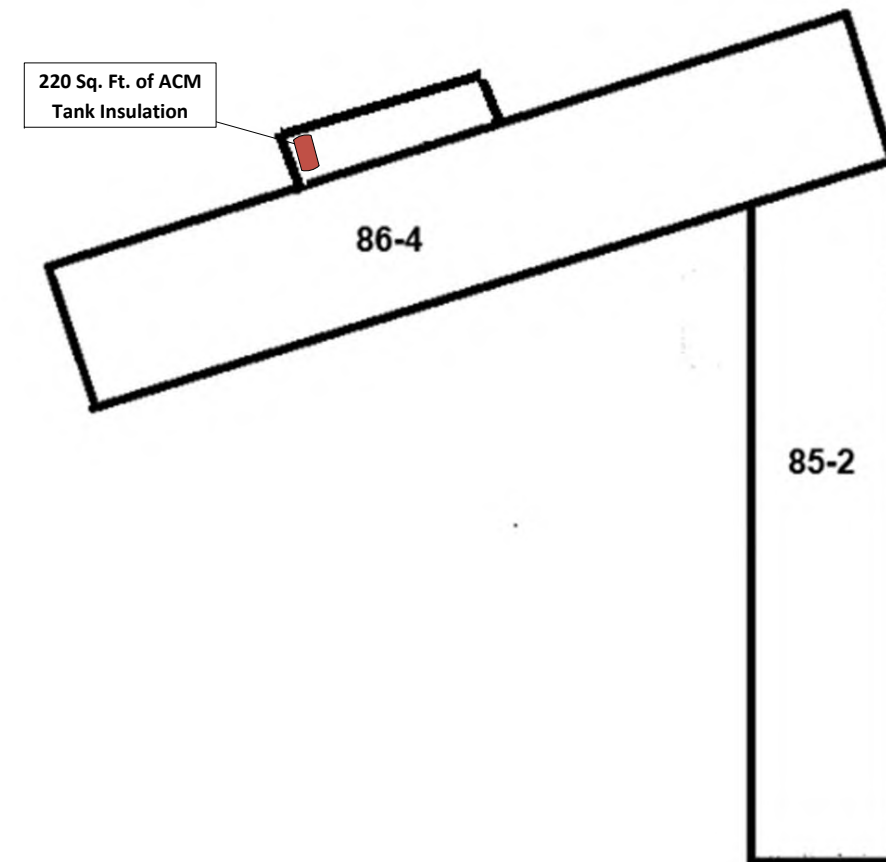
NYS DOL CERTIFICATION NO.
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Level 5



Level 6



KEY:

 - Denotes Buildings with TSI

 - Location of ACM Tank Insulation
(Refer to Summary of ACM Table 2.0)

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8041 River Road, Rome NY 13440
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(315) 794-7946



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DESCRIPTION
ACM Location by Building – Thermal System Insulation (TSI)

SCALE
NOT TO SCALE

REPORT DATE
JANUARY 27, 2025

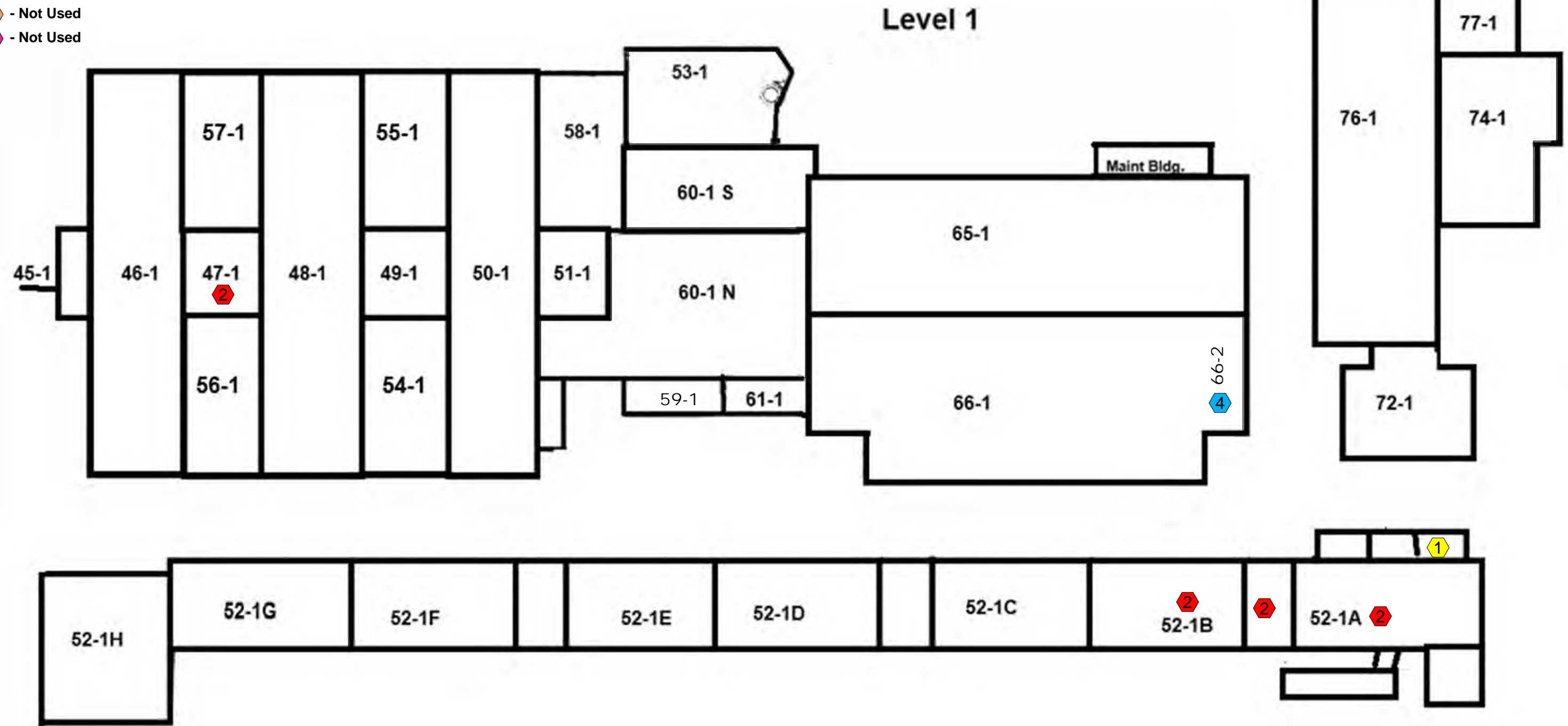
INSPECTOR.
M. ERIC DOUSHARM

NYS DOL CERTIFICATION NO.
24-6L8PO-SHAB

KEY:

- 1 - Acoustic Panel Glue
- 2 - 12"x12" Vinyl Asbestos Floor Tile
- 3 - 9"x9" Vinyl Asbestos Floor Tile
- 4 - Black Floor Tile Mastic under 12"x12" Tile
- 5 - Not Used
- 6 - Not Used
- 7 - Not Used
- 8 - Not Used
- 9 - Not Used
- 10 - Not Used

REFER TO TABLE 1.0 IN SECTION 6.1 OF THE REPORT FOR QUANTITIES OF ACM

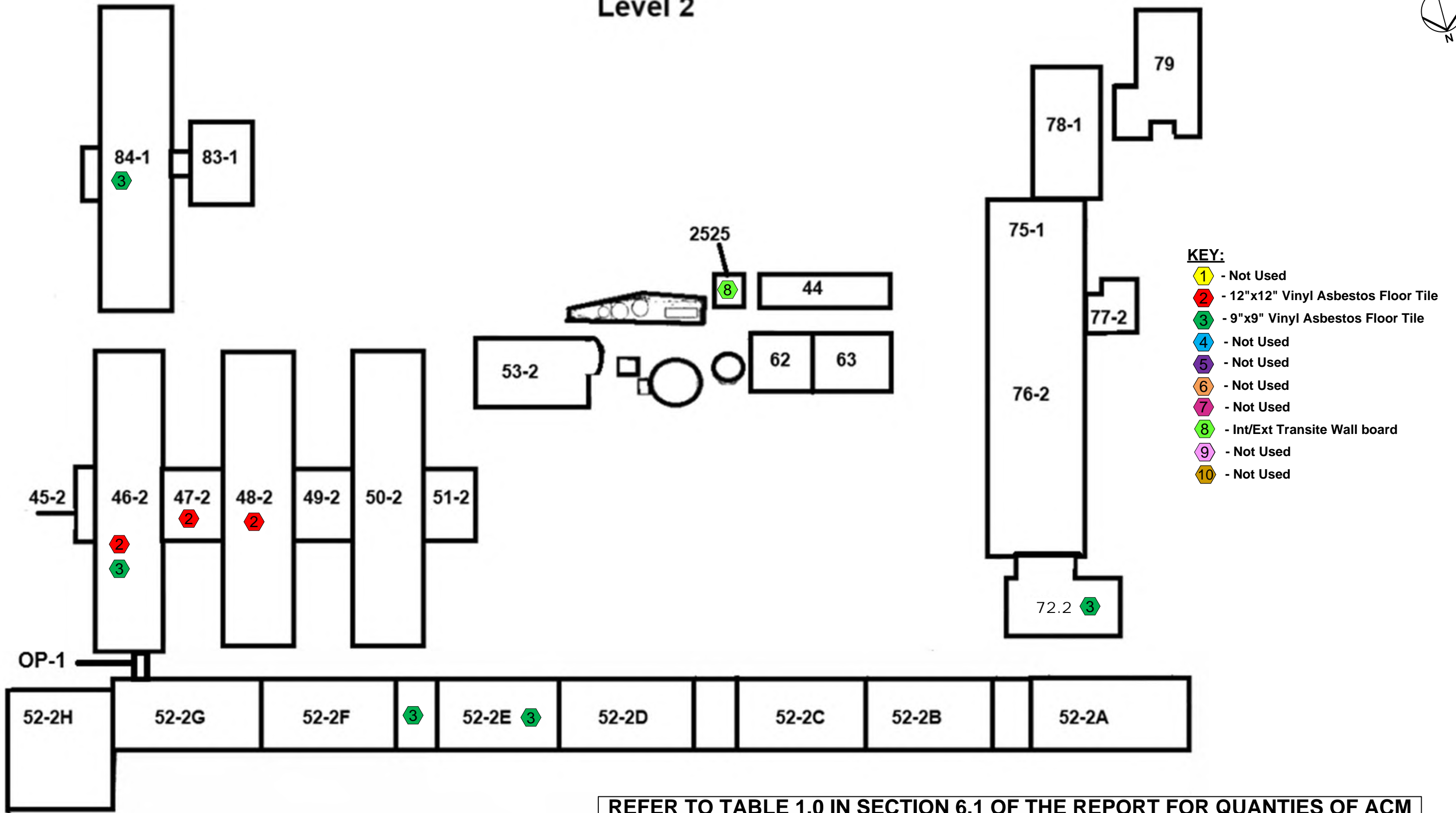


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 edousharm@romeenv.com
 (315) 794-7946

TITLE
REMINGTON ARMS SURVEY
 14 Hoefler Ave, Ilion, New York 13357

DESCRIPTION ACM Location by Building – Miscellaneous Materials	SCALE NOT TO SCALE	REPORT DATE JANUARY 28, 2025	INSPECTOR. M. ERIC DOUSHARM	NYS DOL CERTIFICATION NO. 24-6L8PO-SHAB
---	-----------------------	---------------------------------	--------------------------------	--

Level 2



- KEY:**
- 1 - Not Used
 - 2 - 12"x12" Vinyl Asbestos Floor Tile
 - 3 - 9"x9" Vinyl Asbestos Floor Tile
 - 4 - Not Used
 - 5 - Not Used
 - 6 - Not Used
 - 7 - Not Used
 - 8 - Int/Ext Transite Wall board
 - 9 - Not Used
 - 10 - Not Used

REFER TO TABLE 1.0 IN SECTION 6.1 OF THE REPORT FOR QUANTITIES OF ACM

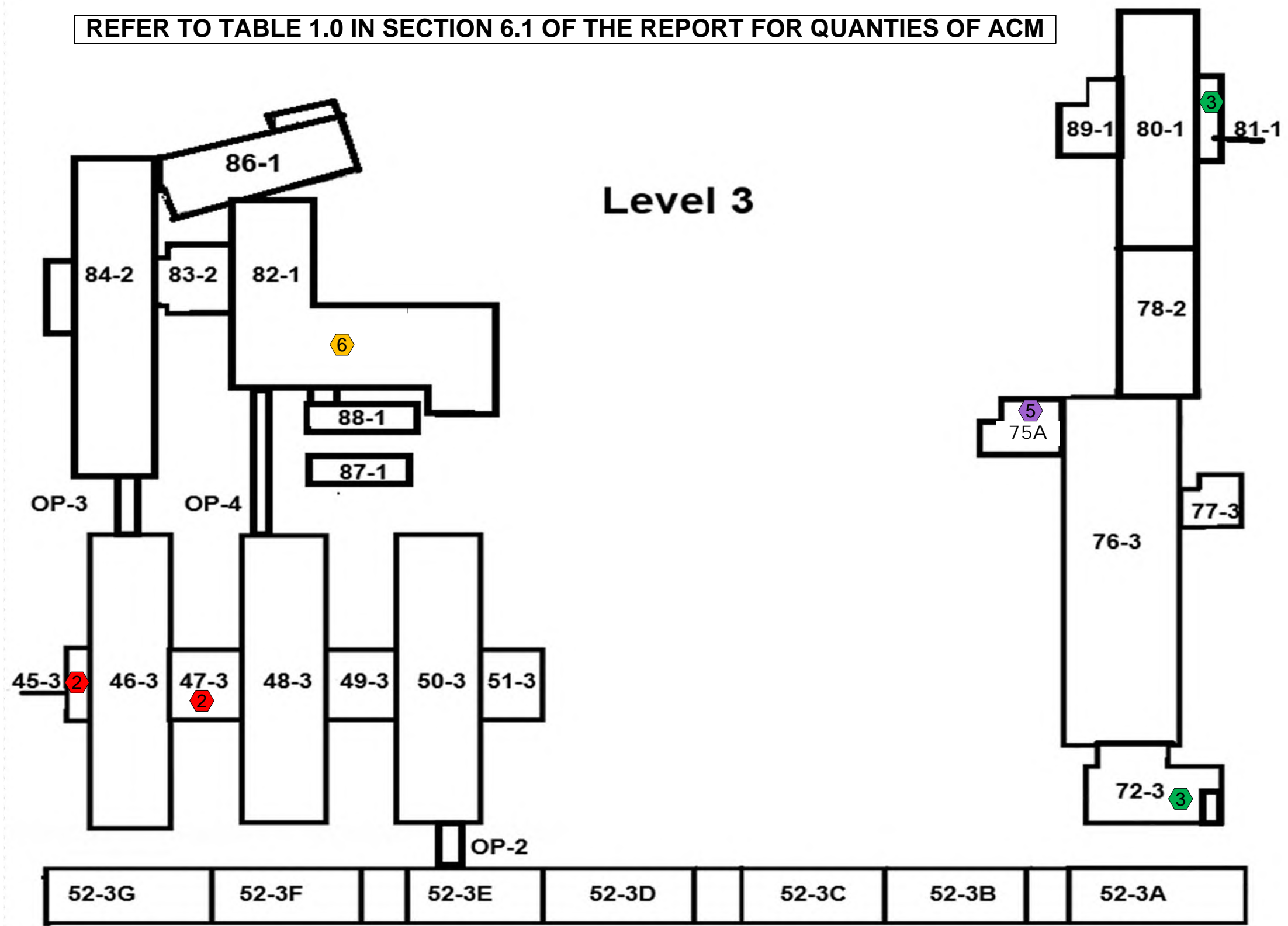
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 edousharm@romeenv.com
 (315) 794-7946

TITLE REMINGTON ARMS SURVEY 14 Hoefler Ave, Ilion, New York 13357	DESCRIPTION ACM Location by Building – Miscellaneous Materials	SCALE NOT TO SCALE	REPORT DATE JANUARY 28, 2025	INSPECTOR M. ERIC DOUSHARM	NYS DOL CERTIFICATION NO. 24-6L8PO-SHAB
---	---	-----------------------	---------------------------------	-------------------------------	--

REFER TO TABLE 1.0 IN SECTION 6.1 OF THE REPORT FOR QUANTITIES OF ACM



Level 3



- KEY:**
- ◆ 1 - Not Used
 - ◆ 2 - 12"x12" Vinyl Asbestos Floor Tile
 - ◆ 3 - 9"x9" Vinyl Asbestos Floor Tile
 - ◆ 4 - Not Used
 - ◆ 5 - Joint Compound and Gypsum Wallboard
 - ◆ 6 - Round Metal Duct Joint Tape
 - ◆ 7 - Not Used
 - ◆ 8 - Not Used
 - ◆ 9 - Not Used
 - ◆ 10 - Not Used



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DESCRIPTION
 ACM Location by Building – Miscellaneous Materials

SCALE
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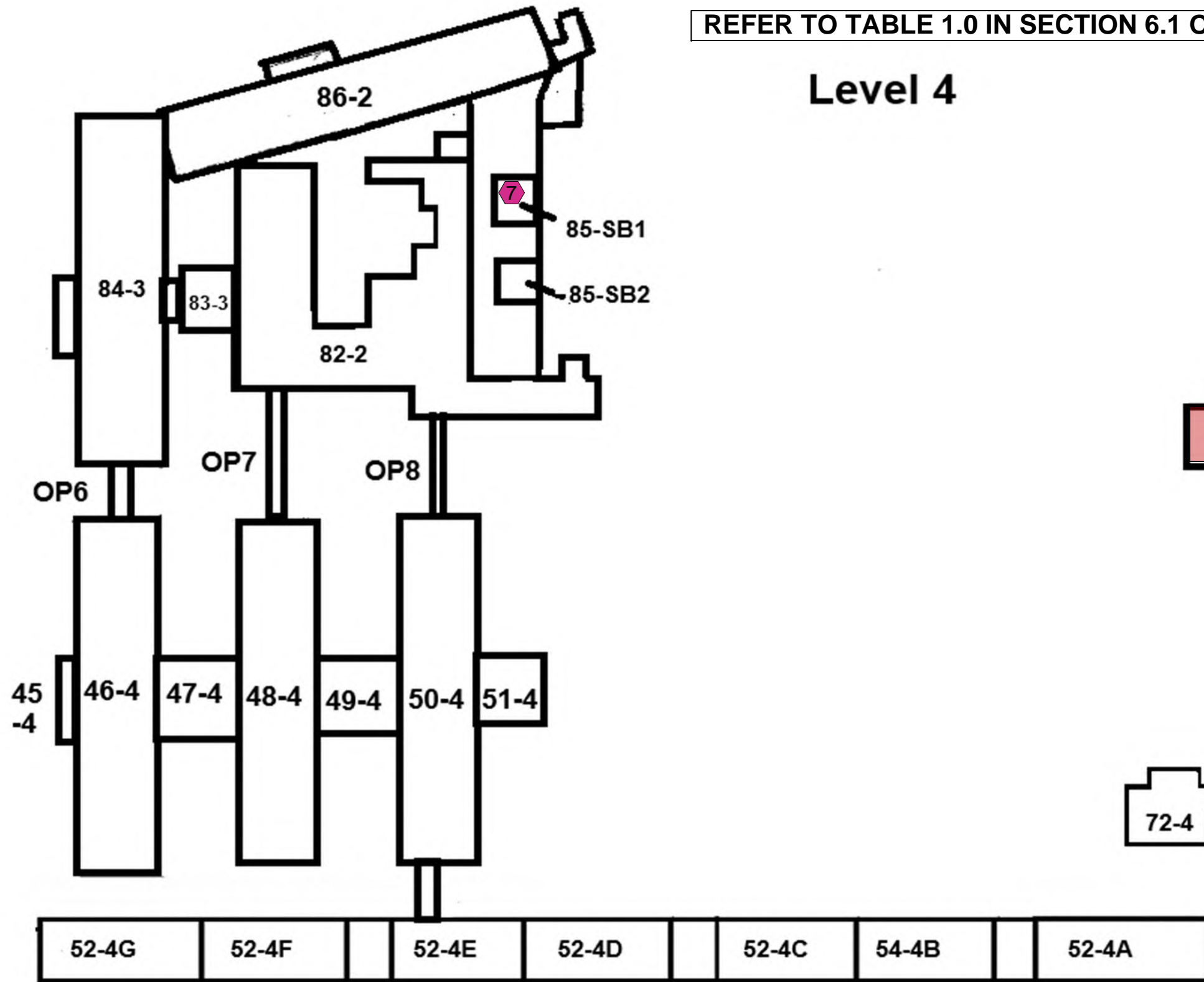
INSPECTOR.
 M. ERIC DOUSHARM

NYS DOL CERTIFICATION NO.
 24-6L8PO-SHAB

REFER TO TABLE 1.0 IN SECTION 6.1 OF THE REPORT FOR QUANTITIES OF ACM



Level 4



- KEY:**
- 1 - Not Used
 - 2 - Not Used
 - 3 - Not Used
 - 4 - Not Used
 - 5 - Not Used
 - 6 - Not Used
 - 7 - Transite Panels on Mechanical Equipment
 - 8 - Not Used
 - 9 - Not Used
 - 10 - Not Used
 - Red Square - No Access, High Voltage Area

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DESCRIPTION
 ACM Location by Building – Miscellaneous Materials

SCALE
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REPORT DATE
 JANUARY 28, 2025

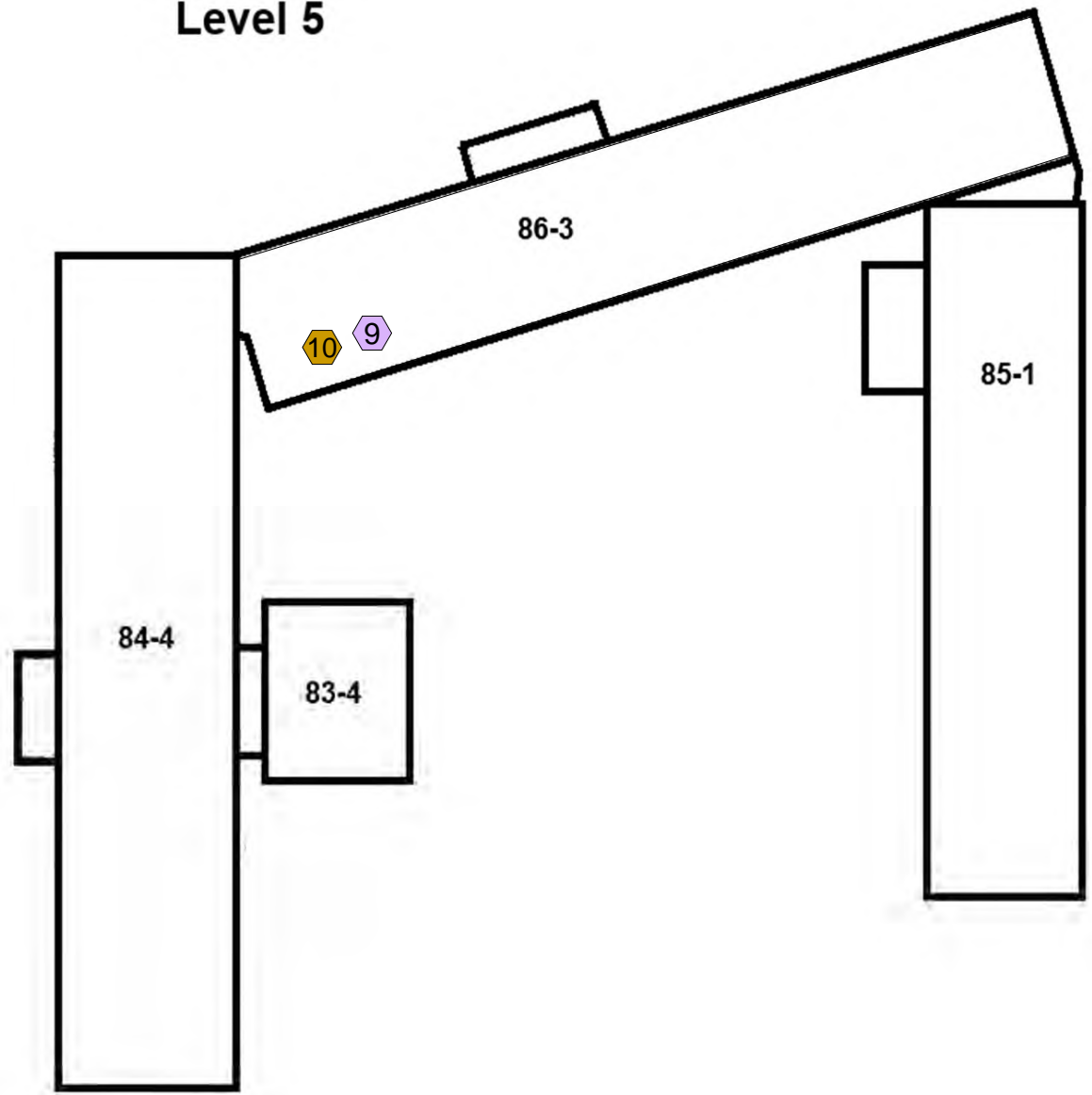
INSPECTOR
 M. ERIC DOUSHARM

NYS DOL CERTIFICATION NO.
 24-6L8PO-SHAB

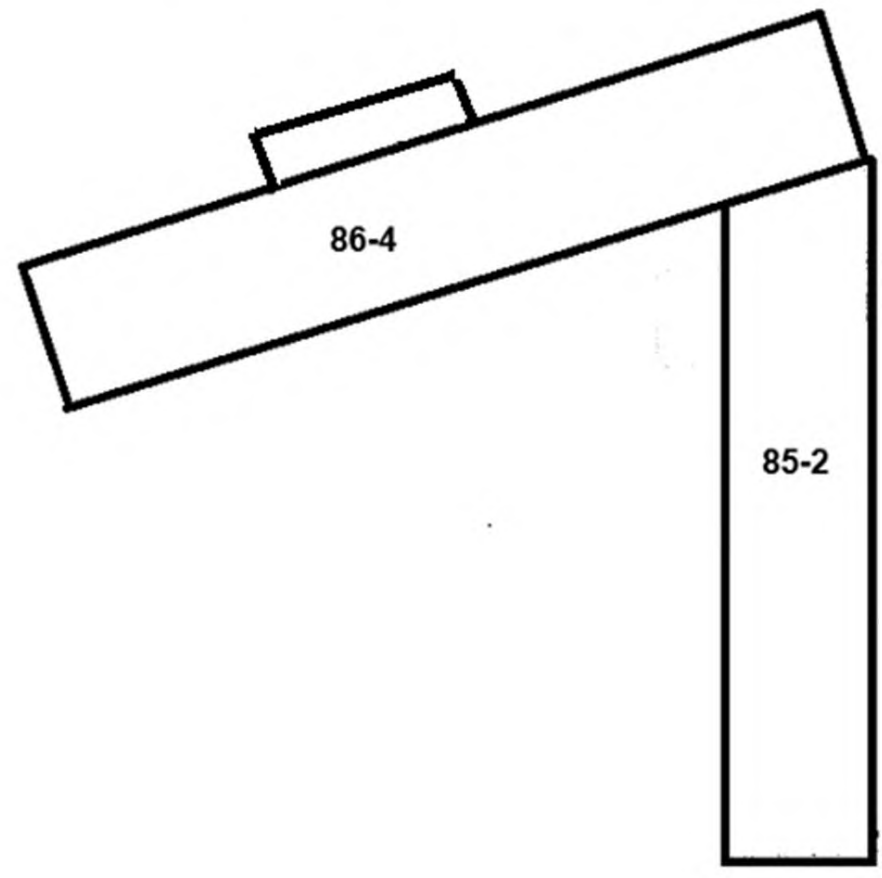
REFER TO TABLE 1.0 IN SECTION 6.1 OF THE REPORT FOR QUANTITIES OF ACM



Level 5



Level 6



- KEY:**
- 1 - Not Used
 - 2 - Not Used
 - 3 - Not Used
 - 4 - Not Used
 - 5 - Not Used
 - 6 - Not Used
 - 7 - Not Used
 - 8 - Not Used
 - 9 - Machine Insulation
 - 10 - Machine Door Gaskets



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 edousharm@romeenv.com
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TITLE
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 14 Hoefler Ave, Ilion, New York 13357

DESCRIPTION
 ACM Location by Building – Miscellaneous Materials

SCALE
 NOT TO SCALE

REPORT DATE
 JANUARY 28, 2025

INSPECTOR
 M. ERIC DOUSHARM

NYS DOL CERTIFICATION NO.
 24-6L8PO-SHAB

APPENDIX C
Laboratory Analysis Results



Date/Time: 12/16/04 - 3pm
 Date/Time: 12/13/24 0930
 Date/Time:
 Date/Time:

Relinquished By: M. Eric Dousharm
 Received By: JE
 Relinquished By:
 Received By:

Company: HRP Associates, Inc.
 HRP Project No: TUR3500.BA Task 02
 Project Address: Ilion, NY
 Project Manger: Jesse Zahn
 Analysis: PLM Only TEM Only NY ELAP PLM/TEM
 ASTM Dust (microvac) ASTM Dust (Wipe) Other (describe in Comments)

Street Address: One Fairchild Square, Suite 110
 City: Clifton Park State: NY Zip: 12065
 Phone: 518-441-7588 Fax: 518-877-8561
 Material Type: Bulk Dust Water

Site/Secondary Fax #:
 Turnaround Time: 5 DAY TAT
 Date Sampled: 12/17/24

Results to: Jesse.zahn@hrpassociates.com / edousharm@ameriscinc.com
 Special Instructions or Comments:

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
52-1A-01	Bldg 52-1A Shot Catcher Rm	Foam Panel Glove	01
52-1A-02	↓	" "	01
52-1A-03	↓	Acoustic Panel Glove	02
52-1A-04	↓	" "	02
52-1A-05	↓	Acoustic Panel	03
52-1A-06	↓	" "	03
52-1A-07	↓	4" Brown Covebase	04
52-1A-08	52-1A Hall by Stairs ↓	"Brown Covebase" mastic (brown)	05
52-1A-09	↓	4" Black Covebase	06
52-1A-010	↓	"Black Covebase" mastic (yellow)	07
52-1A-011	↓	12" x 12" Beige Marble Floor Tile	08
52-1A-012	52-1A Gunshelf Room ↓	12" x 12" Dk Yellow floor tile	09
52-1A-013	↓	Black floor tile mastic	10
52-1A-014	↓	floor leveler/underlayment	11
52-1A-015	52-1A Lg Room ↓	Joint Compound	12
52-1A-016	↓	Gypsum wall board	13
52-1A-017	52-1A Ammo Loading Rm ↓	12" x 12" Tan w/Black Marble Floor tile	14



Relinquished By: *M. Eric Dousharm* Date/Time: 12/21/04 3pm
 Received By: *Jesse Zahn* Date/Time: 12/23/04 0930
 Relinquished By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

AMERISCI # **#224122667**

HRP Project No: TUR3500.BA Task 02

Project Address: Iilon, NY

Project Manger: Jesse Zahn

Analysis: PLM Only TEM Only NY ELAP PLM/TEM
 ASTM Dust (microvac) ASTM Dust (Wipe) Other (describe in Comments)

Material Type: Bulk Dust
 Water

Turnaround Time: 5 DAY TAT Date Sampled: 12/17/04

Sampled By: M. Eric Dousharm

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
52-1A-018	Bldg 52-1A - Ammo Loading Rm	Floor tile mastic (brown)	15
52-2A-019	52-2A	Joint Compound	12
52-2A-020		Gypsum wall board	13
52-2A-021		12"X12" TAN w/grow streaks floor tile	16
52-2A-022		Floor tile mastic (yellow on wood)	17
52-2A-023		3'X3' TAN Sheet floor	18
52-2A-024		floor mastic under 3'X3' (black)	19
52-3A-025		Joint Compound	12
52-3A-026		Gypsum wall board	13
52-2A-027		3'X3' TAN Sheet floor	18
52-2A-028		floor mastic under 3'X3' (black)	19
52-3A-029		Interior window caulk (primary)	20
52-3A-030		Exterior window caulk (primary)	21
52-3A-031		Window Glazing (translucent panels)	22
52-4A-032		12"X12" TAN w/grow streaks floor tile	16
52-4A-033		Vapor Barrier under 12"X12"	23
52-4A-034		" "	23

BULK SAMPLE SHEET
 117 EAST 30TH STREET
 NEW YORK, NY 10016
 TOLL FREE (800) 705-5227
 Fax (212) 679-3114



Relinquished By: *Jesse Zahn* Date/Time: *12/17/24 3p*
 Received By: _____ Date/Time: *12/23/24 0930*
 Relinquished By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

Company: HRP Associates, Inc. HRP Project No: TUR3500.BA Task 02 AMERISCI #: #224122667

Street Address: One Fairchild Square, Suite 110 Project Address: Iilon, NY
 City: Clifton Park State: NY Zip: 12065 Project Manger: Jesse Zahn
 Phone: 518-441-7588 Fax: 518-877-8561
 Analysis: PLM Only TEM Only NY ELAP PLM/TEM
 ASTM Dust (microvac) ASTM Dust (Wipe) Other (describe in Comments)
 Material Type: Bulk Dust
 Water
 Turnaround Time: 5 DAY TAT Date Sampled: *12/17/24*

Site/Secondary Fax #: _____
 Results to: *Jesse.zahn@hrpassociates.com* Sampled By: M. Eric Dousharm

Special Instructions or Comments:

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
<i>52-4A-035</i>	<i>Bldg 52-4A</i>	<i>Fiberglass Pipe Jacket - low pressure steam</i>	<i>24</i>
<i>52-4A-036</i>	<i>↓</i>	<i>Joint compound</i>	<i>12</i>
<i>52-4A-037</i>	<i>↓</i>	<i>Gypsum wall board</i>	<i>13</i>
<i>52-4A-038</i>	<i>↓</i>	<i>12"x12" beige marbled floor tile</i>	<i>08</i>
<i>52-4A-039</i>	<i>↓</i>	<i>floor mastic under 12"x12" (black/yellow)</i>	<i>25</i>



AmeriSci New York

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

PLM Bulk Asbestos Report

HRP Associates, Inc.
Attn: Jesse Zahn
1 Fairchild Square
Suite 110
Clifton Park, NY 12065

Date Received 12/23/2024 **AmeriSci Job #** 224122667
Date Examined 12/28/24 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 6
RE: TURN3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
52-1A-01 01 Location: Bldg 52-1A Shot Catcher Rm - Foam Panel Glue Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 7.4%	224122667-01	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1
52-1A-02 01 Location: Bldg 52-1A Shot Catcher Rm - Foam Panel Glue Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 7.1%	224122667-02	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1
52-1A-03 02 Location: Bldg 52-1A Shot Catcher Rm - Acoustic Panel Glue Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 2.1% Other Material: Non-fibrous 11%	224122667-03	Yes	2.1% (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	
52-1A-04 02 Location: Bldg 52-1A Shot Catcher Rm - Acoustic Panel Glue Analyst Description: Bulk Material Asbestos Types: Other Material:	224122667-04		NA/PS	
52-1A-05 03 Location: Bldg 52-1A Shot Catcher Rm - Acoustic Panel Analyst Description: White/Tan, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 10%	224122667-05	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1
52-1A-06 03 Location: Bldg 52-1A Shot Catcher Rm - Acoustic Panel Analyst Description: White/Tan, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 8.2%	224122667-06	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1

PLM Bulk Asbestos Report

TURN3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
52-1A-07 04 Location: Bldg 52-1A Hall By Stairs - 4" Brown Covebase Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 52%	224122667-07	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1
52-1A-08 05 Location: Bldg 52-1A Hall By Stairs - "Brown Covebase" Mastic (Brown) Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 45%	224122667-08	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1
52-1A-09 06 Location: Bldg 52-1A LG Room - 4" Black Covebase Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 2.0%	224122667-09	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1
52-1A-010 07 Location: Bldg 52-1A LG Room - "Black Covebase" Mastic (Yellow) Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 24%	224122667-10	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1
52-1A-011 08 Location: Bldg 52-1A LG Room - 12" x 12" Beige Marbled Floor Tile Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 3.6%	224122667-11	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1
52-1A-012 09 Location: Bldg 52-1A Gun Shelf Room - 12" x 12" Dk Yellow Floor Tile Analyst Description: Tan/Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <0.3 % pc Other Material: Non-fibrous 13%	224122667-12	Yes	Inconclusive - Trace Chrysotile detected at 1% or less (NOB by EPA 600/M4-82-020) by Ivan H. Reyes on 12/28/24	2
52-1A-013 10 Location: Bldg 52-1A Gun Shelf Room - Black Floor Tile Mastic Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 44%	224122667-13	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TURN3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
52-1A-014 11 Location: Bldg 52-1A Gun Shelf Room - Floor Leveler / Underlayment Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122667-14	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	
52-1A-015 12 Location: Bldg 52-1A LG Room - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100%	224122667-15	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	
52-1A-016 13 Location: Bldg 52-1A LG Room - Gypsum Wallboard Analyst Description: Off-White/Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 12%, Fibrous glass 2.0%, Non-fibrous 86%	224122667-16	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	
52-1A-017 14 Location: Bldg 52-1A Ammo Loading Rm - 12" x 12" Tan W/ Black Marble Floor Tile Analyst Description: Tan/Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 3.7%	224122667-17	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1
52-1A-018 15 Location: Bldg 52-1A Ammo Loading Rm - Floor Tile Mastic (Brown) Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 43%	224122667-18	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1
52-2A-019 12 Location: Bldg 52-1A - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100%	224122667-19	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	
52-2A-020 13 Location: Bldg 52-1A - Gypsum Wallboard Analyst Description: Off-White/Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 15%, Fibrous glass 2.0%, Non-fibrous 83%	224122667-20	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TURN3500.BA Task 02; Iilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
52-2A-021 16 Location: Bldg 52-1A - 12" x 12" Tan W/ Brown Streaks Floor Tile Analyst Description: Tan/Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 9.6%	224122667-21	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1
52-2A-022 17 Location: Bldg 52-1A - Floor Tile Mastic (Yellow On Wood) Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 0.7%	224122667-22	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1
52-2A-023 18 Location: Bldg 52-1A - 3' x 3' Tan Sheet Floor Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 11%	224122667-23	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1
52-2A-024 19 Location: Bldg 52-1A - Floor Mastic Under 3' x 3' (Black) Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 5.5%	224122667-24	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1
52-3A-025 12 Location: Bldg 52-3A - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100%	224122667-25	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	
52-3A-026 13 Location: Bldg 52-3A - Gypsum Wallboard Analyst Description: Off-White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 3.0%, Fibrous glass 2.0%, Non-fibrous 95%	224122667-26	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	
52-2A-027 18 Location: Bldg 52-2A - 3' x 3' Tan Sheet Floor Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 10%	224122667-27	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TURN3500.BA Task 02; Iilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
52-2A-028 19 Location: Bldg 52-2A - Floor Mastic Under 3' x 3' (Black) Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 4.3%	224122667-28	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1
52-3A-029 20 Location: Bldg 52-3A - Interior Window Caulk (Primary) Analyst Description: Gray, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass Trace, Non-fibrous 10%	224122667-29	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1
52-3A-030 21 Location: Bldg 52-3A - Exterior Window Caulk (Primary) Analyst Description: Gray, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass Trace, Non-fibrous 10%	224122667-30	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1
52-3A-031 22 Location: Bldg 52-3A - Window Glazing (Trans / Scent Panels) Analyst Description: Gray, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 4.2% Other Material: Non-fibrous 23%	224122667-31	Yes	4.2% (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	
52-4A-032 16 Location: Bldg 52-4A - 12" x 12" Tan W/ Brown Streaks Floor Tile Analyst Description: Tan/Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 11%	224122667-32	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1
52-4A-033 23 Location: Bldg 52-4A - Vapor Barrier Under 12" x 12" Analyst Description: Black, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 1.9%	224122667-33	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1
52-4A-034 23 Location: Bldg 52-4A - Vapor Barrier Under 12" x 12" Analyst Description: Black, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 20%	224122667-34	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1

PLM Bulk Asbestos Report

TURN3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
52-4A-035 24 Location: Bldg 52-4A - Fiberglass Pipe Jacket Low Pressure Steam Analyst Description: White/Brown, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 65%, Fibrous glass 5.0%, Non-fibrous 30%	224122667-35	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	
52-4A-036 12 Location: Bldg 52-4A - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100%	224122667-36	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	
52-4A-037 13 Location: Bldg 52-4A - Gypsum Wall Board Analyst Description: Off-White/Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 10%, Fibrous glass 2.0%, Non-fibrous 88%	224122667-37	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	
52-4A-038 08 Location: Bldg 52-4A - 12" x 12" Beige Marbled Floor Tile Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 1.3%	224122667-38	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1
52-4A-039 25 Location: Bldg 52-4A - Floor Mastic Under 12" x 12" (Black / Yellow) Analyst Description: Black/Yellow, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 20%	224122667-39	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1

Reporting Notes:

- (1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM
- (2) Trace <1% results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: Ivan H. Reyes
Date: 12/28/2024



Reviewed by: Marwan A. Alahiri



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

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4
 TURN3500.BA Task 02; Iilon, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	52-1A-01	01	0.209	52.1	40.6	7.4	NAD	NAD
Location: Bldg 52-1A Shot Catcher Rm - Foam Panel Glue								
02	52-1A-02	01	0.199	52.7	40.2	7.1	NAD	NAD
Location: Bldg 52-1A Shot Catcher Rm - Foam Panel Glue								
03	52-1A-03	02	0.197	48.1	38.6	11.3	Chrysotile 2.1	NA
Location: Bldg 52-1A Shot Catcher Rm - Acoustic Panel Glue								
04	52-1A-04	02	0.230	48.5	38.1	13.3	NA/PS	NA
Location: Bldg 52-1A Shot Catcher Rm - Acoustic Panel Glue								
05	52-1A-05	03	0.305	55.3	34.7	10.0	NAD	NAD
Location: Bldg 52-1A Shot Catcher Rm - Acoustic Panel								
06	52-1A-06	03	0.344	61.6	30.2	8.2	NAD	NAD
Location: Bldg 52-1A Shot Catcher Rm - Acoustic Panel								
07	52-1A-07	04	0.294	41.6	6.1	52.2	NAD	NAD
Location: Bldg 52-1A Hall By Stairs - 4" Brown Covebase								
08	52-1A-08	05	0.226	51.8	2.6	45.6	NAD	NAD
Location: Bldg 52-1A Hall By Stairs - "Brown Covebase" Mastic (Brown)								
09	52-1A-09	06	0.260	44.6	53.4	2.0	NAD	NAD
Location: Bldg 52-1A LG Room - 4" Black Covebase								
10	52-1A-010	07	0.330	66.3	9.7	24.0	NAD	NAD
Location: Bldg 52-1A LG Room - "Black Covebase" Mastic (Yellow)								
11	52-1A-011	08	0.253	14.8	81.6	3.6	NAD	NAD
Location: Bldg 52-1A LG Room - 12" x 12" Beige Marbled Floor Tile								
12	52-1A-012	09	0.242	25.0	61.7	11.4	Chrysotile <0.3	Chrysotile 2.0
Location: Bldg 52-1A Gun Shelf Room - 12" x 12" Dk Yellow Floor Tile								
13	52-1A-013	10	0.214	21.1	34.6	44.3	NAD	NAD
Location: Bldg 52-1A Gun Shelf Room - Black Floor Tile Mastic								
14	52-1A-014	11	----	----	----	----	NAD	NA
Location: Bldg 52-1A Gun Shelf Room - Floor Leveler / Underlayment								
15	52-1A-015	12	----	----	----	----	NAD	NA
Location: Bldg 52-1A LG Room - Joint Compound								
16	52-1A-016	13	----	----	----	----	NAD	NA
Location: Bldg 52-1A LG Room - Gypsum Wallboard								

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4
 TURN3500.BA Task 02; Ilion, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	52-1A-017	14	0.221	18.2	78.1	3.7	NAD	NAD
Location: Bldg 52-1A Ammo Loading Rm - 12" x 12" Tan W/ Black Marble Floor Tile								
18	52-1A-018	15	0.296	17.8	38.4	43.7	NAD	NAD
Location: Bldg 52-1A Ammo Loading Rm - Floor Tile Mastic (Brown)								
19	52-2A-019	12	----	----	----	----	NAD	NA
Location: Bldg 52-1A - Joint Compound								
20	52-2A-020	13	----	----	----	----	NAD	NA
Location: Bldg 52-1A - Gypsum Wallboard								
21	52-2A-021	16	0.257	16.3	74.2	9.6	NAD	NAD
Location: Bldg 52-1A - 12" x 12" Tan W/ Brown Streaks Floor Tile								
22	52-2A-022	17	0.386	94.0	5.3	0.7	NAD	NAD
Location: Bldg 52-1A - Floor Tile Mastic (Yellow On Wood)								
23	52-2A-023	18	0.210	59.8	29.2	11.0	NAD	NAD
Location: Bldg 52-1A - 3' x 3' Tan Sheet Floor								
24	52-2A-024	19	0.285	71.5	23.0	5.5	NAD	NAD
Location: Bldg 52-1A - Floor Mastic Under 3' x 3' (Black)								
25	52-3A-025	12	----	----	----	----	NAD	NA
Location: Bldg 52-3A - Joint Compound								
26	52-3A-026	13	----	----	----	----	NAD	NA
Location: Bldg 52-3A - Gypsum Wallboard								
27	52-2A-027	18	0.168	61.0	28.4	10.6	NAD	NAD
Location: Bldg 52-2A - 3' x 3' Tan Sheet Floor								
28	52-2A-028	19	0.266	80.3	15.4	4.3	NAD	NAD
Location: Bldg 52-2A - Floor Mastic Under 3' x 3' (Black)								
29	52-3A-029	20	0.206	51.4	37.9	10.7	NAD	NAD
Location: Bldg 52-3A - Interior Window Caulk (Primary)								
30	52-3A-030	21	0.206	45.8	43.9	10.3	NAD	NAD
Location: Bldg 52-3A - Exterior Window Caulk (Primary)								
31	52-3A-031	22	0.238	39.9	32.5	23.4	Chrysotile 4.2	NA
Location: Bldg 52-3A - Window Glazing (Trans / Scent Panels)								
32	52-4A-032	16	0.248	20.7	68.1	11.2	NAD	NAD
Location: Bldg 52-4A - 12" x 12" Tan W/ Brown Streaks Floor Tile								

Client Name: HRP Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4
 TURN3500.BA Task 02; Ilion, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
33	52-4A-033	23	0.231	90.5	7.6	1.9	NAD	NAD
Location: Bldg 52-4A - Vapor Barrier Under 12" x 12"								
34	52-4A-034	23	0.267	71.3	7.7	20.9	NAD	NAD
Location: Bldg 52-4A - Vapor Barrier Under 12" x 12"								
35	52-4A-035	24	----	----	----	----	NAD	NA
Location: Bldg 52-4A - Fiberglass Pipe Jacket Low Pressure Steam								
36	52-4A-036	12	----	----	----	----	NAD	NA
Location: Bldg 52-4A - Joint Compound								
37	52-4A-037	13	----	----	----	----	NAD	NA
Location: Bldg 52-4A - Gypsum Wall Board								
38	52-4A-038	08	0.233	16.0	82.6	1.3	NAD	NAD
Location: Bldg 52-4A - 12" x 12" Beige Marbled Floor Tile								
39	52-4A-039	25	0.124	53.6	25.7	20.7	NAD	NAD
Location: Bldg 52-4A - Floor Mastic Under 12" x 12" (Black / Yellow)								

Analyzed by: Marwan A. Alahiri
 Date: 12/28/2024



Reviewed by: Marwan A. Alahiri



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

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

BULK SAMPLE SHEET
 117 EAST 30TH STREET
 NEW YORK, NY 10016
 TOLL FREE (800) 705-5227
 Fax (212) 679-3114



Date/Time: 12/21/24 3pm
 Date/Time: 12/23/24 0930
 Date/Time:
 Date/Time:

Relinquished By: *Jesse Zahn*
 Received By:
 Relinquished By:
 Received By:

Company: HRP Associates, Inc. HRP Project No: TUR3500.BA Task 02
 Street Address: One Fairchild Square, Suite 110
 City: Clifton Park State: NY Zip: 12065
 Phone: 518-441-7588 Fax: 518-877-8561
 Site/Secondary Fax #:
 Results to: Jesse.zahn@hrpassociates.com
 Special Instructions or Comments:

Project Address: Ilion, NY
 Project Manger: Jesse Zahn
 Analysis: PLM Only TEM Only NY ELAP PLM/TEM
 ASTM Dust (microvac) ASTM Dust (Wipe) Other (describe in Comments)
 Turnaround Time: 5 DAY TAT
 Material Type: Bulk Dust
 Sampled By: M. Eric Dousharm Date Sampled: 12/20/24

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
52-1G-01	Bldg 52-1G	Joint Compound	
52-1G-02	↓	Gypsum wall board	
52-3G-03	52-3G	Joint Compound	
52-3G-04	↓	Gypsum wall board	
52-4G-05	52-4G I.T. Room	2x2 Raised floor white w/specs	
52-4G-06	↓	" " "	
52-4G-07	↓	" " "	
52-4G-08	↓	2x4 Gypsum ceiling panel	
52-3G-09	52-3G	" " "	
52-3G-10	↓	Fitting Insul. low pressure Return	
52-3G-11	↓	" " " Condensate	
52-3G-12	↓	" " " "	
52-3G-13	↓	Low Fiberglass Pipe Jacket low pressure	
52-3G-14	↓	" " " "	
52-3G-15	↓	" " " "	
52-3G-16	↓	8" Pipe fitting insulation low pressure	
52-3G-17	↓	" " " "	
52-3G-17	↓	" " " "	



PLM Bulk Asbestos Report

HRP Associates, Inc.
Attn: Jesse Zahn
1 Fairchild Square
Suite 110
Clifton Park, NY 12065

Date Received 12/23/2024 **AmeriSci Job #** 224122668
Date Examined 12/28/24 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 3
RE: TUR3500.BA Task 02; Illion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
52-1G-01	224122668-01	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	
Location: Bldg. 52-1G - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100%				
52-1G-02	224122668-02	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	
Location: Bldg. 52-1G - Gypsum Wallboard Analyst Description: Off-White/Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 15%, Fibrous glass 2.0%, Non-fibrous 83%				
52-3G-03	224122668-03	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	
Location: Bldg. 52-3G - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100%				
52-3G-04	224122668-04	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	
Location: Bldg. 52-3G - Gypsum Wallboard Analyst Description: Off-White/Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 18%, Fibrous glass 2.0%, Non-fibrous 80%				
52-4G-05	224122668-05	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1
Location: Bldg. 52-4G, I.T. Room - 2 x 2 Raised Floor White W/ Specs Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 2.3%				
52-4G-06	224122668-06	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Ivan H. Reyes on 12/28/24	1
Location: Bldg. 52-4G, I.T. Room - 2 x 2 Raised Floor White W/ Specs Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 2.3%				

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Illion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
52-4G-07	224122668-07	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	
Location: Bldg. 52-4G, I.T. Room - 2 x 4 Gypsum Ceiling Panel				
Analyst Description: Off-White/Brown, Homogeneous, Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Cellulose 15%, Fibrous glass 2.0%, Non-fibrous 83%				
52-4G-08	224122668-08	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	
Location: Bldg. 52-4G, I.T. Room - 2 x 4 Gypsum Ceiling Panel				
Analyst Description: Off-White/Brown, Homogeneous, Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Cellulose 20%, Fibrous glass 2.0%, Non-fibrous 78%				
52-3G-09	224122668-09	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	
Location: Bldg. 52-3G - Fitting Insul. Low Pressure Return				
Analyst Description: Gray, Homogeneous, Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Cellulose 10%, Fibrous glass 25%, Non-fibrous 65%				
52-3G-10	224122668-10	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	
Location: Bldg. 52-3G - Fitting Insul. Low Pressure Condensate				
Analyst Description: Gray, Homogeneous, Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Cellulose 8.0%, Fibrous glass 30%, Non-fibrous 62%				
52-3G-11	224122668-11	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	
Location: Bldg. 52-3G - Fitting Insul. Low Pressure Condensate				
Analyst Description: Gray, Homogeneous, Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Cellulose 10%, Fibrous glass 30%, Non-fibrous 60%				
52-3G-12	224122668-12	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	
Location: Bldg. 52-3G - Lg. Fiberglass Pipe Jacket Low Pressure				
Analyst Description: White/Tan, Heterogeneous, Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Cellulose 75%, Fibrous glass 5.0%, Non-fibrous 20%				
52-3G-13	224122668-13	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	
Location: Bldg. 52-3G - Lg. Fiberglass Pipe Jacket Low Pressure				
Analyst Description: White/Tan, Heterogeneous, Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Cellulose 65%, Fibrous glass 20%, Non-fibrous 15%				

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Illion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
52-3G-14	224122668-14	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	<p>Location: Bldg. 52-3G - Lg. Fiberglass Pipe Jacket Low Pressure</p> <p>Analyst Description: White/Tan, Heterogeneous, Fibrous, Bulk Material</p> <p>Asbestos Types:</p> <p>Other Material: Cellulose 55%, Fibrous glass 30%, Non-fibrous 15%</p>
52-3G-15	224122668-15	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	<p>Location: Bldg. 52-3G - 8" Pipe Fitting Insulation Low Pressure</p> <p>Analyst Description: Gray, Homogeneous, Fibrous, Bulk Material</p> <p>Asbestos Types:</p> <p>Other Material: Cellulose Trace, Fibrous glass 35%, Non-fibrous 65%</p>
52-3G-16	224122668-16	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	<p>Location: Bldg. 52-3G - 8" Pipe Fitting Insulation Low Pressure</p> <p>Analyst Description: Gray, Homogeneous, Fibrous, Bulk Material</p> <p>Asbestos Types:</p> <p>Other Material: Cellulose Trace, Fibrous glass 40%, Non-fibrous 60%</p>
52-3G-17	224122668-17	No	NAD (by NYS ELAP 198.1) by Ivan H. Reyes on 12/28/24	<p>Location: Bldg. 52-3G - 8" Pipe Fitting Insulation Low Pressure</p> <p>Analyst Description: Gray, Homogeneous, Fibrous, Bulk Material</p> <p>Asbestos Types:</p> <p>Other Material: Cellulose Trace, Fibrous glass 40%, Non-fibrous 60%</p>

Reporting Notes:

(1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: Ivan H. Reyes



Reviewed by: Marik Peysakhov



Date: 12/28/2024

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

_____END OF REPORT_____

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4
 TUR3500.BA Task 02; Illion, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	52-1G-01		---	---	---	---	NAD	NA
	Location: Bldg. 52-1G - Joint Compound							
02	52-1G-02		---	---	---	---	NAD	NA
	Location: Bldg. 52-1G - Gypsum Wallboard							
03	52-3G-03		---	---	---	---	NAD	NA
	Location: Bldg. 52-3G - Joint Compound							
04	52-3G-04		---	---	---	---	NAD	NA
	Location: Bldg. 52-3G - Gypsum Wallboard							
05	52-4G-05		0.245	95.9	1.8	2.3	NAD	NAD
	Location: Bldg. 52-4G, I.T. Room - 2 x 2 Raised Floor White W/ Specs							
06	52-4G-06		0.220	97.1	0.5	2.3	NAD	NAD
	Location: Bldg. 52-4G, I.T. Room - 2 x 2 Raised Floor White W/ Specs							
07	52-4G-07		---	---	---	---	NAD	NA
	Location: Bldg. 52-4G, I.T. Room - 2 x 4 Gypsum Ceiling Panel							
08	52-4G-08		---	---	---	---	NAD	NA
	Location: Bldg. 52-4G, I.T. Room - 2 x 4 Gypsum Ceiling Panel							
09	52-3G-09		---	---	---	---	NAD	NA
	Location: Bldg. 52-3G - Fitting Insul. Low Pressure Return							
10	52-3G-10		---	---	---	---	NAD	NA
	Location: Bldg. 52-3G - Fitting Insul. Low Pressure Condensate							
11	52-3G-11		---	---	---	---	NAD	NA
	Location: Bldg. 52-3G - Fitting Insul. Low Pressure Condensate							
12	52-3G-12		---	---	---	---	NAD	NA
	Location: Bldg. 52-3G - Lg. Fiberglass Pipe Jacket Low Pressure							
13	52-3G-13		---	---	---	---	NAD	NA
	Location: Bldg. 52-3G - Lg. Fiberglass Pipe Jacket Low Pressure							
14	52-3G-14		---	---	---	---	NAD	NA
	Location: Bldg. 52-3G - Lg. Fiberglass Pipe Jacket Low Pressure							
15	52-3G-15		---	---	---	---	NAD	NA
	Location: Bldg. 52-3G - 8" Pipe Fitting Insulation Low Pressure							
16	52-3G-16		---	---	---	---	NAD	NA
	Location: Bldg. 52-3G - 8" Pipe Fitting Insulation Low Pressure							

Client Name: HRP Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

TUR3500.BA Task 02; Illion, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	52-3G-17						NAD	NA

Location: Bldg. 52-3G - 8" Pipe Fitting Insulation Low Pressure

Analyzed by: Marik Peysakhov
 Date: 12/28/2024



Reviewed by: Marik Peysakhov



**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 heterogeneous materials).



PLM Bulk Asbestos Report

HRP Associates, Inc.
Attn: Jesse Zahn
1 Fairchild Square
Suite 110
Clifton Park, NY 12065

Date Received 12/27/2024 **AmeriSci Job #** 224122835
Date Examined 12/31/24 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 2
RE: TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
52-1F-01 12 Location: Bldg 52-1F - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100%	224122835-01	No	NAD (by NYS ELAP 198.1) by Valeriu Voicu on 12/31/24	
52-1F-02 13 Location: Bldg 52-1F - Gypsum Wall Board Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 12%, Fibrous glass Trace, Non-fibrous 88%	224122835-02	No	NAD (by NYS ELAP 198.1) by Valeriu Voicu on 12/31/24	
52-3F-03 12 Location: Bldg 52-3F - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100%	224122835-03	No	NAD (by NYS ELAP 198.1) by Valeriu Voicu on 12/31/24	
52-3F-04 13 Location: Bldg 52-3F - Gypsum Wall Board Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 15%, Fibrous glass Trace, Non-fibrous 85%	224122835-04	No	NAD (by NYS ELAP 198.1) by Valeriu Voicu on 12/31/24	
52-4F-05 12 Location: Bldg 52-4F - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122835-05	No	NAD (by NYS ELAP 198.1) by Valeriu Voicu on 12/31/24	
52-4F-06 13 Location: Bldg 52-4F - Gypsum Wall Board Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 15%, Fibrous glass Trace, Non-fibrous 85%	224122835-06	No	NAD (by NYS ELAP 198.1) by Valeriu Voicu on 12/31/24	

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Reporting Notes:

Analyzed by: Valeriu Voicu



Reviewed by: Valeriu Voicu



Date: 12/31/2024

*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 Nikon , Model Labophot Pol, Microscope, Serial #: 952062, 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_____



BULK SAMPLE SHEET
 117 EAST 30TH STREET
 NEW YORK, NY 10016
 TOLL FREE (800) 705-5227
 Fax (212) 679-3114

Relinquished By: M. Eric Dousharm Date/Time: 12/23/24
 Received By: [Signature] Date/Time: 12/27/24 CAP
 Relinquished By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

Company: HRP Associates, Inc. HRP Project No: TUR3500.BA Task 02 AMERISCI #: #224122836

Street Address: One Fairchild Square, Suite 110 Project Address: Ilion, NY
 City: Clifton Park State: NY Zip: 12065 Project Manager: Jesse Zahn
 Phone: 518-441-7588 Fax: 518-877-8561
 Analysis: PLM Only TEM Only NY ELAP PLM/TEM
 ASTM Dust (microvac) ASTM Dust (Wipe) Other (describe in Comments)

Site/Secondary Fax #: _____ Material Type: Bulk Dust
 Turnaround Time: 5 DAY TAT _____ Water
 Date Sampled: 12/23/24
 Results to: Jesse.zahn@hrpassociates.com / Leobuschem Remedy, Co. P Sampled By: M. Eric Dousharm

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
52-40-01	Bldg 52-40	12"x12" Tap/brown streaks Floor tile	16
52-40-02		Floor tile Vapor Barrier	25
52-40-03		12"x12" Beige marbled Floor tile (no marks)	08
52-40-04		Joint Compound	12
52-40-05		Gypsum wall Board	13
52-40-06	Corridor	Fiberglass Pipe Jacket 3" vertical	26
52-40-07		Carpet Glue	29
52-30-08	52-30	Joint Compound	12
52-30-09		Gypsum wall Board	13
52-30-10		Partition wall Board (white)	27
52-30-11		Fabric wall Board covering	28
52-30-12		Interior window caulk	20

**AmeriSci New York**117 EAST 30TH ST.
NEW YORK, NY 10016
TEL: (212) 679-8600 • FAX: (212) 679-3114**PLM Bulk Asbestos Report**HRP Associates, Inc.
Attn: Jesse Zahn
1 Fairchild Square
Suite 110
Clifton Park, NY 12065**Date Received** 12/27/2024 **AmeriSci Job #** 224122836
Date Examined 12/30/24 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 3
RE: TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
52-4D-01 16 Location: Bldg. 52-4D - 12" X 12" Tan / Brown Streaks Floor Tile Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 5.8%	224122836-01	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Jared C. Clarke on 12/30/24	1
52-4D-02 25 Location: Bldg. 52-4D - Floor Tile Vapor Barrier Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 6.0%	224122836-02	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Jared C. Clarke on 12/30/24	1
52-4D-03 08 Location: Bldg. 52-4D - 12" X 12" Beige Marbled Floor Tile (No Mastic) Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 1.5%	224122836-03	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Jared C. Clarke on 12/30/24	1
52-4D-04 12 Location: Bldg. 52-4D - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122836-04	No	NAD (by NYS ELAP 198.1) by Jared C. Clarke on 12/30/24	
52-4D-05 13 Location: Bldg. 52-4D - Gypsum Wall Board Analyst Description: Gray/Brown, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 15%, Non-fibrous 85%	224122836-05	No	NAD (by NYS ELAP 198.1) by Jared C. Clarke on 12/30/24	
52-4D-06 26 Location: Bldg. 52-4D Corridor - Fiberglass Pipe Jacket 3" Vertical Analyst Description: Silver/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 10%, Non-fibrous 90%	224122836-06	No	NAD (by NYS ELAP 198.1) by Jared C. Clarke on 12/30/24	

See Reporting notes on last page

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
52-4D-07 29 Location: Bldg. 52-4D - Carpet Glue Analyst Description: Yellowish Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 41%	224122836-07	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Jared C. Clarke on 12/30/24	1
52-3D-08 12 Location: Bldg. 52-3D - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122836-08	No	NAD (by NYS ELAP 198.1) by Jared C. Clarke on 12/30/24	
52-3D-09 13 Location: Bldg. 52-3D - Gypsum Wall Board Analyst Description: Gray/Brown, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 20%, Non-fibrous 80%	224122836-09	No	NAD (by NYS ELAP 198.1) by Jared C. Clarke on 12/30/24	
52-3D-10 27 Location: Bldg. 52-3D - Partition Wall Board (White) Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 27%	224122836-10	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Jared C. Clarke on 12/30/24	1
52-3D-11 28 Location: Bldg. 52-3D - Fabric Wall Board Covering Analyst Description: Beige, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Synthetic fibers 95%, Non-fibrous 5.0%	224122836-11	No	NAD (by NYS ELAP 198.1) by Jared C. Clarke on 12/30/24	
52-3D-12 20 Location: Bldg. 52-3D - Interior Window Caulk Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 1.9%, Anthophyllite <1. % pc Other Material: Fibrous Talc 2.0%, Non-fibrous 12%	224122836-12	Yes	1.9% (NOB by NYS ELAP 198.6) by Jared C. Clarke on 12/30/24	

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Reporting Notes:

(1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: Jared C. Clarke



Reviewed by: Karol H. Lu



Date: 12/30/2024

*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 Nikon, Model Labophot2 Pol Scope, Microscope, Serial #: 466274, 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_____

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

TUR3500.BA Task 02; Iilon, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	52-4D-01	16	0.241	22.0	72.2	5.8	NAD	NAD
Location: Bldg. 52-4D - 12" X 12" Tan / Brown Streaks Floor Tile								
02	52-4D-02	25	0.193	91.9	2.0	6.0	NAD	NAD
Location: Bldg. 52-4D - Floor Tile Vapor Barrier								
03	52-4D-03	08	0.229	15.3	83.2	1.5	NAD	NAD
Location: Bldg. 52-4D - 12" X 12" Beige Marbled Floor Tile (No Mastic)								
04	52-4D-04	12	----	----	----	----	NAD	NA
Location: Bldg. 52-4D - Joint Compound								
05	52-4D-05	13	----	----	----	----	NAD	NA
Location: Bldg. 52-4D - Gypsum Wall Board								
06	52-4D-06	26	----	----	----	----	NAD	NA
Location: Bldg. 52-4D Corridor - Fiberglass Pipe Jacket 3" Vertical								
07	52-4D-07	29	0.255	55.1	3.1	41.7	NAD	NAD
Location: Bldg. 52-4D - Carpet Glue								
08	52-3D-08	12	----	----	----	----	NAD	NA
Location: Bldg. 52-3D - Joint Compound								
09	52-3D-09	13	----	----	----	----	NAD	NA
Location: Bldg. 52-3D - Gypsum Wall Board								
10	52-3D-10	27	0.288	24.1	48.8	27.1	NAD	NAD
Location: Bldg. 52-3D - Partition Wall Board (White)								
11	52-3D-11	28	----	----	----	----	NAD	NA
Location: Bldg. 52-3D - Fabric Wall Board Covering								
12	52-3D-12	20	0.314	23.5	59.9	14.7	Chrysotile 1.9 Anthrophyllite <1.	NA
Location: Bldg. 52-3D - Interior Window Caulk								

Client Name: HRP Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

TUR3500.BA Task 02; Ilion, NY

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

Analyzed by: Karol H. Lu
Date: 12/31/2024



Reviewed by: Karol H. Lu



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

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



Relinquished By: [Signature] Date/Time: 12/23/24 5:00pm
 Received By: [Signature] Date/Time: 12/27/24 10:20
 Relinquished By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

Company: HRP Associates, Inc. HRP Project No: TUR3500.BA Task 02 AMERISCI #: #224122837

Street Address: One Fairchild Square, Suite 110 Project Address: Iilon, NY
 City: Clifton Park State: NY Zip: 12065 Project Manger: Jesse Zahn
 Phone: 518-441-7588 Fax: 518-877-8561
 Analysis: PLM Only TEM Only NY ELAP PLM/TEM
 ASTM Dust (microvac) ASTM Dust (Wipe) Other (describe in Comments)
 Turnaround Time: 5 DAY TAT Material Type: Bulk Dust
 Water

Site/Secondary Fax #: _____ Date Sampled: 12/23/24
 Results to: Jesse.zahn@hrpassociates.com / j.dousharm@comcast.com
 Sampled By: M. Eric Dousharm

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
52-2E-01	Bldg 52-2E	9'x9' Green Floor tile	30
52-2E-02		Carpet Glue (Yellow)	29
52-2E-03		Joint Compound	12
52-2E-04		Gypsum wall board	13
52-2E-05	Under Carpet	12'x12" beige marbled floor tile	08
52-1E-06	52-1E	Joint Compound	12
52-1E-07		Gypsum wall board	13
52-3E-08	52-3E	Joint Compound	12
52-3E-09		Gypsum wall board	13
52-3E-10		Black counter top on wood	31
52-3E-11		" " "	31
52-4E-12	52-4E	Fiberglass Pipe Jacket	26
52-2E-13	42-2E	9'x9' Green Floor tile	30



AmeriSci New York

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

PLM Bulk Asbestos Report

HRP Associates, Inc.
 Attn: Jesse Zahn
 1 Fairchild Square
 Suite 110
 Clifton Park, NY 12065

Date Received 12/27/2024 **AmeriSci Job #** 224122837
Date Examined 12/31/24 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 3
RE: TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
52-2E-01 30 Location: Bldg. 52-2E - 9" X 9" Green Floor Tile Analyst Description: Green, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 3.6% Other Material: Non-fibrous 19%	224122837-01	Yes	3.6% (NOB by NYS ELAP 198.6) by Emeline M. Frix on 12/31/24	
52-2E-02 29 Location: Bldg. 52-2E - Carpet Glue (Yellow) Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 18%	224122837-02	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/02/25	1
52-2E-03 12 Location: Bldg. 52-2E - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122837-03	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/02/25	
52-2E-04 13 Location: Bldg. 52-2E - Gypsum Wall Board Analyst Description: White/Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 5.0%, Non-fibrous 95%	224122837-04	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/02/25	
52-2E-05 08 Location: Bldg. 52-2E Under Carpet - 12" X 12" Beige Marbled Floor Tile Analyst Description: Pink, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 10%	224122837-05	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/02/25	1
52-1E-06 12 Location: Bldg. 52-1E - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122837-06	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/02/25	

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
52-1E-07 13 Location: Bldg. 52-1E - Gypsum Wall Board Analyst Description: White/Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 5.0%, Non-fibrous 95%	224122837-07	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/02/25	
52-3E-08 12 Location: Bldg. 52-3E - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122837-08	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/02/25	
52-3E-09 13 Location: Bldg. 52-3E - Gypsum Wall Board Analyst Description: White/Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 10%, Non-fibrous 90%	224122837-09	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/02/25	
52-3E-10 31 Location: Bldg. 52-3E - Black Countertop On Wood Analyst Description: Black/Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 95%, Non-fibrous 5.0%	224122837-10	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/02/25	
52-3E-11 31 Location: Bldg. 52-3E - Black Countertop On Wood Analyst Description: Black/Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 5.0%, Non-fibrous 95%	224122837-11	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/02/25	
52-4E-12 26 Location: Bldg. 52-4E - Fiberglass Pipe Jacket Analyst Description: White/Silver, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 60%, Fibrous glass 10%, Non-fibrous 30%	224122837-12	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/02/25	
52-2E-13 30 Location: Bldg. 42-2E - 9" X 9" Green Floor Tile Analyst Description: Bulk Material Asbestos Types: Other Material:	224122837-13		NA/PS	

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Reporting Notes:

- (1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: Emeline M. Frix



Reviewed by: Karol H. Lu



Date: 12/31/2024

*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 Motic, Model BA310 Pol Scope, Microscope, Serial #: 1190000538, 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_____

Client Name: HRP Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

TUR3500.BA Task 02; Iilon, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	52-2E-01	30	0.238	19.1	57.8	19.5	Chrysotile 3.6	NA
Location: Bldg. 52-2E - 9" X 9" Green Floor Tile								
02	52-2E-02	29	0.349	46.9	34.3	18.8	NAD	NAD
Location: Bldg. 52-2E - Carpet Glue (Yellow)								
03	52-2E-03	12	---	---	---	---	NAD	NA
Location: Bldg. 52-2E - Joint Compound								
04	52-2E-04	13	---	---	---	---	NAD	NA
Location: Bldg. 52-2E - Gypsum Wall Board								
05	52-2E-05	08	0.293	17.4	72.4	10.0	NAD	Chrysotile <1.0
Location: Bldg. 52-2E Under Carpet - 12" X 12" Beige Marbled Floor Tile								
06	52-1E-06	12	---	---	---	---	NAD	NA
Location: Bldg. 52-1E - Joint Compound								
07	52-1E-07	13	---	---	---	---	NAD	NA
Location: Bldg. 52-1E - Gypsum Wall Board								
08	52-3E-08	12	---	---	---	---	NAD	NA
Location: Bldg. 52-3E - Joint Compound								
09	52-3E-09	13	---	---	---	---	NAD	NA
Location: Bldg. 52-3E - Gypsum Wall Board								
10	52-3E-10	31	---	---	---	---	NAD	NA
Location: Bldg. 52-3E - Black Countertop On Wood								
11	52-3E-11	31	---	---	---	---	NAD	NA
Location: Bldg. 52-3E - Black Countertop On Wood								
12	52-4E-12	26	---	---	---	---	NAD	NA
Location: Bldg. 52-4E - Fiberglass Pipe Jacket								
13	52-2E-13	30	0.255	19.8	59.4	20.8	NA/PS	NA
Location: Bldg. 42-2E - 9" X 9" Green Floor Tile								

Client Name: HRP Associates, Inc.

Table I Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

TUR3500.BA Task 02; Ilion, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
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Analyzed by: Karol H. Lu
Date: 1/2/2025



Reviewed by: Karol H. Lu



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

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



Relinquished By: [Signature] Date/Time: 12/23/24 5:00pm
 Received By: [Signature] Date/Time: 12/27/24 00:00
 Relinquished By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

Company: **HRP Associates, Inc.** HRP Project No: **TUR3500.BA Task 02** AMERISCI #: **#224122838**
 Street Address: **One Fairchild Square, Suite 110** Project Address: **Ilfon, NY**
 City: **Clifton Park** State: **NY** Zip: **12065** Project Manger: **Jesse Zahn**
 Phone: **518-441-7588** Fax: **518-877-8561**
 Site/Secondary Fax #: _____
 Results to: **Jesse.zahn@hrpassociates.com** Date Sampled: **12/23/24**
 Special Instructions or Comments: _____

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
52-2B-01	Building 52-2B	Joint Compound	12
52-2B-02	↓	Gypsum wall board	13
52-4B-03	↓	12"X12" beige marbled Floor tile	08
52-4B-04	↓	Floor tile Mastic (Brown)	15
52-4B-05	↓	Joint Compound	12
52-4B-06	↓	Gypsum wall board	13
52-1B-07	52-1B	Joint Compound	12
52-1B-08	↓	Gypsum wall board	13
52-1B-09	↓	2x4 Ceiling tile - white fissured	36
52-1B-10	↓	Interior window CAULK	20
52-1B-11	↓	2x4 ceiling tile - white fissured	36



AmeriSci New York

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

PLM Bulk Asbestos Report

HRP Associates, Inc.
 Attn: Jesse Zahn
 1 Fairchild Square
 Suite 110
 Clifton Park, NY 12065

Date Received 12/27/2024 **AmeriSci Job #** 224122838
Date Examined 12/31/24 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 2
RE: TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
52-2B-01 12 Location: Bldg. 52-2B - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100%	224122838-01	No	NAD (by NYS ELAP 198.1) by Valeriu Voicu on 12/31/24	
52-2B-02 13 Location: Bldg. 52-2B - Gypsum Wall Board Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 15%, Non-fibrous 85%	224122838-02	No	NAD (by NYS ELAP 198.1) by Valeriu Voicu on 12/31/24	
52-4B-03 08 Location: Bldg. 52-4B - 12" X 12" Beige Marbled Floor Tile Analyst Description: Beige/Tan, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 2.3%	224122838-03	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Valeriu Voicu on 12/31/24	1
52-4B-04 15 Location: Bldg. 52-4B - Floor Tile Mastic (Brown) Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 13%	224122838-04	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Valeriu Voicu on 12/31/24	1
52-4B-05 12 Location: Bldg. 52-4B - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100%	224122838-05	No	NAD (by NYS ELAP 198.1) by Valeriu Voicu on 12/31/24	
52-4B-06 13 Location: Bldg. 52-4B - Gypsum Wall Board Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 15%, Non-fibrous 85%	224122838-06	No	NAD (by NYS ELAP 198.1) by Valeriu Voicu on 12/31/24	

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
52-1B-07 12 Location: Bldg. 52-1B - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100%	224122838-07	No	NAD (by NYS ELAP 198.1) by Valeriu Voicu on 12/31/24	
52-1B-08 13 Location: Bldg. 52-1B - Gypsum Wall Board Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 7.0%, Non-fibrous 93%	224122838-08	No	NAD (by NYS ELAP 198.1) by Valeriu Voicu on 12/31/24	
52-1B-09 36 Location: Bldg. 52-1B - 2 X 4 Ceiling Tile - White Fissured Analyst Description: White/Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 50%	224122838-09	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Valeriu Voicu on 12/31/24	1
52-1B-10 20 Location: Bldg. 52-1B - Interior Window Caulk Analyst Description: Gray, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 3.1% Other Material: Non-fibrous 16%	224122838-10	Yes	3.1% (NOB by NYS ELAP 198.6) by Valeriu Voicu on 12/31/24	
52-1B-11 36 Location: Bldg. 52-1B - 2 X 4 Ceiling Tile - White Fissured Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 51%	224122838-11	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Valeriu Voicu on 12/31/24	1

Reporting Notes:

(1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: Valeriu Voicu
Date: 12/31/2024



Reviewed by: Karol H. Lu



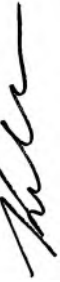
*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop, (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; PLM Bulk Asbestos Analysis using Olympus, Model BH-2 Pol Scope, Microscope, Serial #: 229915, by Appd E to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

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

TUR3500.BA Task 02; Ilion, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	52-2B-01	12	---	---	---	---	NAD	NA
Location: Bldg. 52-2B - Joint Compound								
02	52-2B-02	13	---	---	---	---	NAD	NA
Location: Bldg. 52-2B - Gypsum Wall Board								
03	52-4B-03	08	1.334	79.2	18.6	2.3	NAD	NAD
Location: Bldg. 52-4B - 12" X 12" Beige Marbled Floor Tile								
04	52-4B-04	15	0.196	48.5	37.8	13.7	NAD	NAD
Location: Bldg. 52-4B - Floor Tile Mastic (Brown)								
05	52-4B-05	12	---	---	---	---	NAD	NA
Location: Bldg. 52-4B - Joint Compound								
06	52-4B-06	13	---	---	---	---	NAD	NA
Location: Bldg. 52-4B - Gypsum Wall Board								
07	52-1B-07	12	---	---	---	---	NAD	NA
Location: Bldg. 52-1B - Joint Compound								
08	52-1B-08	13	---	---	---	---	NAD	NA
Location: Bldg. 52-1B - Gypsum Wall Board								
09	52-1B-09	36	0.163	19.4	29.9	50.7	NAD	NAD
Location: Bldg. 52-1B - 2 X 4 Ceiling Tile - White Fissured								
10	52-1B-10	20	0.283	33.3	46.7	16.9	Chrysotile 3.1	NA
Location: Bldg. 52-1B - Interior Window Caulk								
11	52-1B-11	36	0.203	20.5	28.3	51.2	NAD	NAD
Location: Bldg. 52-1B - 2 X 4 Ceiling Tile - White Fissured								

Analyzed by: Karol H. Lu
 Date: 1/2/2025



Reviewed by: Karol H. Lu



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

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



Relinquished By: *[Signature]* Date/Time: 12/30/24 10:09
 Received By: *[Signature]* Date/Time: 12/30/24 10:09
 Relinquished By: *[Signature]* Date/Time:
 Received By: *[Signature]* Date/Time:
 AMERISCI

Company: HRP Associates, Inc. HRP Project No: TUR3500.BA Task 02 AMERISCI #: #224122988

Street Address: One Fairchild Square, Suite 110 Project Address: Ilion, NY

City: Clifton Park State: NY Zip: 12065 Project Manger: Jesse Zahn

Phone: 518-441-7588 Fax: 518-877-8561 Analysis: PLM Only TEM Only NY ELAP PLM/TEM
 ASTM Dust (microvac) ASTM Dust (Wipe) Other (describe in Comments)

Site/Secondary Fax #: Turnaround Time: 5 DAY TAT Material Type: Bulk Dust Water

Results to: Jesse.zahn@hrpassociates.com
 Special Instructions or Comments: *corn* Date Sampled: 12/27/24

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
85-1-01	Bldg 85-1	TERRACOTTA WALL	73
85-1-02	↓	" "	73
85-1-03	85-1 North end	Decorative wall covering (Brown)	74
85-1-04	85-1 South end	" " " (Woven)	75
85-1-05	↓	Plaster wall	76
85-1-06	↓	Decorative wall covering (Brown)	74
85-1-07	↓	" " " (Woven)	75
85-1-08	↓	Plaster wall	76
86-1-01	86-1	Interior window caulk	65
86-1-02	↓	Window Glazing	66
86-1-03	↓	Fiberglass pipe Jacket	77
86-2-04	86-2	Dust Sealant	78
86-2-05	↓	" "	78
86-4-06	86-4	Gypsum wall	60
86-4-07	↓	Joint Compound	61
86-4-08	↓	Interior window caulk	65
86-4-09	↓	Window Glazing	66



AmeriSci New York

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

PLM Bulk Asbestos Report

HRP Associates, Inc.
Attn: Jesse Zahn
1 Fairchild Square
Suite 110
Clifton Park, NY 12065

Date Received 12/30/2024 **AmeriSci Job #** 224122988
Date Examined 01/02/25 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 3
RE: TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
85-1-01 73 Location: Bldg 85-1 Center - Terracotta Wall Analyst Description: Brick Red, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122988-01	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
85-1-02 73 Location: Bldg 85-1 North End - Terracotta Wall Analyst Description: Brick Red, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122988-02	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
85-1-03 74 Location: Bldg 85-1 South End - Decorative Wall Covering (Brown) Analyst Description: Dark Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 90%, Non-fibrous 10%	224122988-03	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
85-1-04 75 Location: Bldg 85-1 South End - Decorative Wall Covering (Woven) Analyst Description: Brown/Gray, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Synthetic fibers 100%, Non-fibrous Trace	224122988-04	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
85-1-05 76 Location: Bldg 85-1 South End - Plaster Wall (Brown) Analyst Description: Brown/White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122988-05	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
85-1-06 74 Location: Bldg 85-1 South End - Decorative Wall Covering (Brown) Analyst Description: Dark Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 90%, Non-fibrous 10%	224122988-06	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
85-1-07 75 Location: Bldg 85-1 South End - Decorative Wall Covering (Woven) Analyst Description: Brown/Gray, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Synthetic fibers 100%, Non-fibrous Trace	224122988-07	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
85-1-08 76 Location: Bldg 85-1 South End - Plaster Wall Analyst Description: Brown/White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122988-08	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
86-1-01 65 Location: Bldg 86-1 - Interior Window Caulk Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 56%	224122988-09	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
86-1-02 66 Location: Bldg 86-1 - Window Glazing Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 0.8%	224122988-10	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
86-1-03 77 Location: Bldg 86-1 - Fiberglass Pipe Jacket Analyst Description: White/Silver, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 80%, Fibrous glass 10%, Non-fibrous 10%	224122988-11	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
86-2-04 78 Location: Bldg 86-2 - Duct Sealant Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 0.7%	224122988-12	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
86-2-05 78 Location: Bldg 86-2 - Duct Sealant Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 0.5%	224122988-13	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
86-4-06 60 Location: Bldg 86-4 - Gypsum Wall Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 10%, Non-fibrous 90%	224122988-14	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
86-4-07 61 Location: Bldg 86-4 - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122988-15	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
86-4-08 65 Location: Bldg 86-4 - Interior Window Caulk Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 6.1%	224122988-16	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
86-4-09 66 Location: Bldg 86-4 - Window Glazing Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <0.3 % pc Other Material: Non-fibrous 33%	224122988-17	Yes	Inconclusive - Trace Chrysotile detected at 1% or less (NOB by EPA 600/M4-82-020) by Bo Sun on 01/02/25	2

Reporting Notes:

- (1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM
- (2) Trace <1% results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: Bo Sun
Date: 1/2/2025



Reviewed by: John P. Koubiadis



*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 Motic, Model BA310 Pol Scope, Microscope, Serial #: 1190000538, 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.

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

TUR3500.BA Task 02; Iilon, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	85-1-01	73	---	---	---	---	NAD	NA
Location: Bldg 85-1 Center - Terracotta Wall								
02	85-1-02	73	---	---	---	---	NAD	NA
Location: Bldg 85-1 North End - Terracotta Wall								
03	85-1-03	74	---	---	---	---	NAD	NA
Location: Bldg 85-1 South End - Decorative Wall Covering (Brown)								
04	85-1-04	75	---	---	---	---	NAD	NA
Location: Bldg 85-1 South End - Decorative Wall Covering (Woven)								
05	85-1-05	76	---	---	---	---	NAD	NA
Location: Bldg 85-1 South End - Plaster Wall (Brown)								
06	85-1-06	74	---	---	---	---	NAD	NA
Location: Bldg 85-1 South End - Decorative Wall Covering (Brown)								
07	85-1-07	75	---	---	---	---	NAD	NA
Location: Bldg 85-1 South End - Decorative Wall Covering (Woven)								
08	85-1-08	76	---	---	---	---	NAD	NA
Location: Bldg 85-1 South End - Plaster Wall								
09	86-1-01	65	0.226	4.9	38.3	56.8	NAD	NAD
Location: Bldg 86-1 - Interior Window Caulk								
10	86-1-02	66	0.208	56.3	42.9	0.8	NAD	NAD
Location: Bldg 86-1 - Window Glazing								
11	86-1-03	77	---	---	---	---	NAD	NA
Location: Bldg 86-1 - Fiberglass Pipe Jacket								
12	86-2-04	78	0.215	77.3	22.0	0.7	NAD	NAD
Location: Bldg 86-2 - Duct Sealant								
13	86-2-05	78	0.152	77.5	21.9	0.5	NAD	NAD
Location: Bldg 86-2 - Duct Sealant								
14	86-4-06	60	---	---	---	---	NAD	NA
Location: Bldg 86-4 - Gypsum Wall								
15	86-4-07	61	---	---	---	---	NAD	NA
Location: Bldg 86-4 - Joint Compound								
16	86-4-08	65	0.248	39.0	54.9	6.1	NAD	NAD
Location: Bldg 86-4 - Interior Window Caulk								

Client Name: HRP Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

TUR3500.BA Task 02; Ilion, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	86-4-09	66	0.184	50.8	16.0	33.0	Chrysotile <0.3	Chrysotile <1.0

Location: Bldg 86-4 - Window Glazing

Analyzed by: Marik Peysakhov
 Date: 1/3/2025



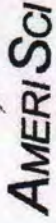
Reviewed by: John P. Koubiadis



**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 heterogeneous materials).

BULK SAMPLE SHEET
 117 EAST 30TH STREET
 NEW YORK, NY 10016
 TOLL FREE (800) 705-5227
 Fax (212) 679-3114



Relinquished By: *[Signature]* Date/Time: 12/28/24 3pm
 Received By: *[Signature]* Date/Time: 12/30/24 10:09
 Relinquished By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

Company: HRP Associates, Inc. AMERISCI # **#224122989**
 Street Address: One Fairchild Square, Suite 110
 City: Clifton Park State: NY Zip: 12065
 Phone: 518-441-7588 Fax: 518-877-8561
 Project Address: Ilion, NY
 Project Manger: Jesse Zahn
 Analysis: PLM Only TEM Only NY ELAP PLM/TEM
 ASTM Dust (microvac) ASTM Dust (Wipe) Other (describe in Comments)
 Turnaround Time: 5 DAY TAT Material Type: Bulk Dust
 Water
 Results to: Jesse.zahn@hrpassociates.com Date Sampled: 12/26/24
 Special Instructions or Comments: *see comments*

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
46-1-01	Bldg 46-1 NW side	Gypsum wall board	37
46-1-02		Joint Compound	38
46-1-03		Glue peck	39
46-1-04		" "	39
46-2-05	46-2 west side	Thin wall board	40
46-2-06		" "	40
46-2-07		Gypsum wall board	37
46-2-08		Joint Compound	38
46-2-09		12"x12" FT Tan w/brown streaks	41
46-2-10	East side	Floor tile mastic (yellow)	42
46-2-11		12"x12" FT Brown (Top layer)	43
46-2-12		Floor Tile White (Bottom layer)	44
46-2-13		Vapor Barrier/felt paper (order white FT)	45
46-2-14		9"x9" Floor Tile (LT TAN)	46
46-2-15		Vapor Barrier/felt paper (under 9x9 Ft)	45
46-2-16		18"x12" FT Brown (Top layer)	43
46-2-17		White Floor Tile (Bottom layer)	44

BULK SAMPLE SHEET
 117 EAST 30TH STREET
 NEW YORK, NY 10016
 TOLL FREE (800) 705-5227
 Fax (212) 679-3114



Date/Time: 12/28/24 3:00
 Date/Time: 12/30/24 + 10:09
 Date/Time:
 Date/Time:

Relinquished By: [Signature]
 Received By: [Signature]
 Relinquished By:
 Received By:

AMERISCI #:
224122989

HRP Project No: TUR3500.BA Task 02

Company: HRP Associates, Inc.

Street Address: One Fairchild Square, Suite 110

City: Clifton Park State: NY Zip: 12065

Phone: 518-441-7588 Fax: 518-877-8561

Project Address: Iilon, NY

Project Manger: Jesse Zahn

Analysis: PLM Only TEM Only NY ELAP PLM/TEM
 ASTM Dust (microvac) ASTM Dust (Wipe) Other (describe in Comments)

Material Type: Bulk Dust
 Water

Turnaround Time: 5 DAY TAT

Date Sampled: 12/28/24

Site/Secondary Fax #:

Results to: Jesse.zahn@hrpassociates.com
 Special instructions or Comments:

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
46-2-18	Bldg 46-2, EAST side	Vapor Barrier/Felt paper (center ft)	45
46-2-19	46-3	Fiberglass Pipe Jacket	46
46-3-20	46-3	12"x12" Ft Tan w/brown streaks	41
46-3-21	46-3	12"x12" Ft mastic Black	42
46-3-22	46-3	Gypsum wall board	37
46-3-23	46-3	Joint Compound	38
46-4-24	46-4	12"x12" Ft TAN marbled	47
46-4-25	46-4	12"x12" Floor mastic yellow	42
46-4-26	46-4	12"x12" Ft TAN marbled	47
46-4-27	46-4	12"x12" Floor mastic yellow	42
46-4-28	46-4	Joint Compound	38
46-4-29	46-4	Window CAULK interior	48
46-4-30	46-4	" " Exterior	49
46-4-31	46-4	" " Glazing	50



AmeriSci New York

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

PLM Bulk Asbestos Report

HRP Associates, Inc.
Attn: Jesse Zahn
1 Fairchild Square
Suite 110
Clifton Park, NY 12065

Date Received 12/30/2024 **AmeriSci Job #** 224122989
Date Examined 01/02/25 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 5
RE: TUR3500.BA Task 02; Ilion, NY (Report Amended 1/18/2025)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
46-1-01 37 Location: Bldg. 46-1 NW Side - Gypsum Wall Board Analyst Description: Brown/White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 20%, Non-fibrous 80%	224122989-01	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
46-1-02 38 Location: Bldg. 46-1 NW Side - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122989-02	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
46-1-03 39 Location: Bldg. 46-1 NE Side - Glue Puck Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 35%	224122989-03	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
46-1-04 39 Location: Bldg. 46-1 NE Side - Glue Puck Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 77%	224122989-04	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
46-2-05 40 Location: Bldg. 46-2 West Side - Thin Wall Board Analyst Description: Gray/White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 100%, Non-fibrous Trace	224122989-05	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
46-2-06 40 Location: Bldg. 46-2 West Side - Thin Wall Board Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 98%, Non-fibrous 2.0%	224122989-06	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY (Report Amended 1/18/2025)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
46-2-07 37 Location: Bldg. 46-2 West Side - Gypsum Wall Board Analyst Description: Brown/White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 15%, Non-fibrous 85%	224122989-07	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
46-2-08 38 Location: Bldg. 46-2 West Side - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122989-08	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
46-2-09 41 Location: Bldg. 46-2 East Side - 12" X 12" FT Tan W/ Brown Streaks Analyst Description: Gray/Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 10%	224122989-09	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
46-2-10 42 Location: Bldg. 46-2 East Side - Floor Tile Mastic (Yellow) Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 35%	224122989-10	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
46-2-11 43 Location: Bldg. 46-2 East Side - 12" X 12" FT Brown (Top Layer) Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 15%	224122989-11	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
46-2-12 44 Location: Bldg. 46-2 East Side - 12" X 12" FT White (Bottom Layer) Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 3.6% Other Material: Non-fibrous 25%	224122989-12	Yes	3.6% (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	
46-2-13 45 Location: Bldg. 46-2 East Side - Vapor Barrier / Felt Paper (Under 9 X 9 FT) Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 2.4% Other Material: Non-fibrous 67%	224122989-13	Yes	2.4% (NOB by EPA 600/M4-82-020) by Bo Sun on 01/02/25	

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY (Report Amended 1/18/2025)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
46-2-14 46 Location: Bldg. 46-2 East Side - 9" X 9" Floor Tile (Lt Tan) Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 5.5% Other Material: Non-fibrous 8.3%	224122989-14	Yes	5.5% (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	
46-2-15 45 Location: Bldg. 46-2 East Side - Vapor Barrier / Felt Paper (Under 9 X 9 FT) Analyst Description: Bulk Material Asbestos Types: Other Material:	224122989-15		NA/PS	
46-2-16 43 Location: Bldg. 46-2 East Side - 12" X 12" FT Brown (Top Layer) Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 35%	224122989-16	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
46-17 44 Location: Bldg. 46-2 East Side - White Floor Tile (Bottom Layer) Analyst Description: Bulk Material Asbestos Types: Other Material:	224122989-17		NA/PS	
46-2-18 45 Location: Bldg. 46-2 East Side - Vapor Barrier / Felt Paper (Under FT) Analyst Description: Bulk Material Asbestos Types: Other Material:	224122989-18		NA/PS	
46-2-19 26 Location: Bldg. 46-2 East Side - Fiberglass Pipe Jacket Analyst Description: Silver/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 20%, Fibrous glass 10%, Non-fibrous 70%	224122989-19	No	NAD (by NYS ELAP 198.1) by Jared C. Clarke on 01/02/25	
46-3-20 41 Location: Bldg. 46-3 East Side - 12" X 12" FT Tan W/ Brown Streaks Analyst Description: Gray/Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 5.8% Other Material: Non-fibrous 48%	224122989-20	Yes	5.8% (NOB by NYS ELAP 198.6) by Jared C. Clarke on 01/02/25	

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY (Report Amended 1/18/2025)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
46-3-21 42 Location: Bldg. 46-3 East Side - 12" X 12" FT Mastic Black Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 14%	224122989-21	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
46-3-22 37 Location: Bldg. 46-3 East Side - Gypsum Wall Board Analyst Description: Brown/White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 15%, Non-fibrous 85%	224122989-22	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
46-3-23 38 Location: Bldg. 46-3 East Side - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122989-23	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
46-4-24 47 Location: Bldg. 46-4 South End Office - 12" X 12" FT Tan Marbled Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 19%	224122989-24	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
46-4-25 42 Location: Bldg. 46-4 South End Office - 12" X 12" Floor Mastic Yellow Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 6.8%	224122989-25	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
46-4-26 47 Location: Bldg. 46-4 South End Office - 12" X 12" FT Tan Marbled Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 5.5%	224122989-26	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
46-4-27 42 Location: Bldg. 46-4 South End Office - 12" X 12" Floor Mastic Yellow Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 0.2%	224122989-27	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY (Report Amended 1/18/2025)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
46-4-28 38 Location: Bldg. 46-4 South End Office - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122989-28	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
46-4-29 48 Location: Bldg. 46-4 South End Office - Window Caulk Interior Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 2.5% Other Material: Non-fibrous 20%	224122989-29	Yes	2.5% (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	
46-4-30 49 Location: Bldg. 46-4 South End Office - Window Caulk Exterior Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 4.0% Other Material: Non-fibrous 15%	224122989-30	Yes	4.0% (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	
46-4-31 50 Location: Bldg. 46-4 South End Office - Window Glazing Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <0.3 % pc Other Material: Non-fibrous 15%	224122989-31	Yes	Inconclusive - Trace Chrysotile detected at 1% or less (NOB by EPA 600/M4-82-020) by Bo Sun on 01/02/25	2

Reporting Notes:

- (1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM
- (2) Trace <1% results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: Bo Sun
Date: 1/2/2025



Reviewed by: John P. Koubiadis



*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 Motic, Model BA310 Pol Scope, Microscope, Serial #: 1190000538, 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.

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4
 TUR3500.BA Task 02; Iilon, NY (Report Amended 1/18/2025)

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	46-1-01	37	---	---	---	---	NAD	NA
Location: Bldg. 46-1 NW Side - Gypsum Wall Board								
02	46-1-02	38	---	---	---	---	NAD	NA
Location: Bldg. 46-1 NW Side - Joint Compound								
03	46-1-03	39	0.240	47.1	17.3	35.6	NAD	NAD
Location: Bldg. 46-1 NE Side - Glue Puck								
04	46-1-04	39	0.098	3.1	19.7	77.2	NAD	NAD
Location: Bldg. 46-1 NE Side - Glue Puck								
05	46-2-05	40	---	---	---	---	NAD	NA
Location: Bldg. 46-2 West Side - Thin Wall Board								
06	46-2-06	40	---	---	---	---	NAD	NA
Location: Bldg. 46-2 West Side - Thin Wall Board								
07	46-2-07	37	---	---	---	---	NAD	NA
Location: Bldg. 46-2 West Side - Gypsum Wall Board								
08	46-2-08	38	---	---	---	---	NAD	NA
Location: Bldg. 46-2 West Side - Joint Compound								
09	46-2-09	41	0.227	21.3	68.3	10.4	NAD	NA
Location: Bldg. 46-2 East Side - 12" X 12" FT Tan W/ Brown Streaks								
10	46-2-10	42	0.176	53.7	11.3	35.0	NAD	NAD
Location: Bldg. 46-2 East Side - Floor Tile Mastic (Yellow)								
11	46-2-11	43	0.237	23.8	60.6	15.6	NAD	NAD
Location: Bldg. 46-2 East Side - 12" X 12" FT Brown (Top Layer)								
12	46-2-12	44	0.241	18.0	53.3	25.1	Chrysotile 3.6	NA
Location: Bldg. 46-2 East Side - 12" X 12" FT White (Bottom Layer)								
13	46-2-13	45	0.295	17.8	12.5	67.4	Chrysotile 2.4	NA
Location: Bldg. 46-2 East Side - Vapor Barrier / Felt Paper (Under 9 X 9 FT)								
14	46-2-14	46	0.263	74.4	11.8	8.3	Chrysotile 5.5	NA
Location: Bldg. 46-2 East Side - 9" X 9" Floor Tile (Lt Tan)								
15	46-2-15	45	0.225	99.7	0.1	0.2	NA/PS	NA
Location: Bldg. 46-2 East Side - Vapor Barrier / Felt Paper (Under 9 X 9 FT)								
16	46-2-16	43	0.381	24.5	40.2	35.3	NAD	NAD
Location: Bldg. 46-2 East Side - 12" X 12" FT Brown (Top Layer)								

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

TUR3500.BA Task 02; Iilon, NY (Report Amended 1/18/2025)

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	46-17	44	0.317	16.5	73.0	10.4	NA/PS	NA
Location: Bldg. 46-2 East Side - White Floor Tile (Bottom Layer)								
18	46-2-18	45	0.366	73.6	9.7	16.7	NA/PS	NA
Location: Bldg. 46-2 East Side - Vapor Barrier / Felt Paper (Under FT)								
19	46-2-19	26	----	----	----	----	NAD	NA
Location: Bldg. 46-2 East Side - Fiberglass Pipe Jacket								
20	46-3-20	41	0.189	24.2	21.9	48.1	Chrysotile 5.8	NA
Location: Bldg. 46-3 East Side - 12" X 12" FT Tan W/ Brown Streaks								
21	46-3-21	42	0.212	78.6	6.9	14.5	NAD	NAD
Location: Bldg. 46-3 East Side - 12" X 12" FT Mastic Black								
22	46-3-22	37	----	----	----	----	NAD	NA
Location: Bldg. 46-3 East Side - Gypsum Wall Board								
23	46-3-23	38	----	----	----	----	NAD	NA
Location: Bldg. 46-3 East Side - Joint Compound								
24	46-4-24	47	0.340	12.5	67.6	19.9	NAD	NAD
Location: Bldg. 46-4 South End Office - 12" X 12" FT Tan Marbled								
25	46-4-25	42	0.185	93.0	0.2	6.8	NAD	NAD
Location: Bldg. 46-4 South End Office - 12" X 12" Floor Mastic Yellow								
26	46-4-26	47	0.277	12.2	82.3	5.5	NAD	NAD
Location: Bldg. 46-4 South End Office - 12" X 12" FT Tan Marbled								
27	46-4-27	42	0.133	98.1	1.7	0.2	NAD	NAD
Location: Bldg. 46-4 South End Office - 12" X 12" Floor Mastic Yellow								
28	46-4-28	38	----	----	----	----	NAD	NA
Location: Bldg. 46-4 South End Office - Joint Compound								
29	46-4-29	48	0.196	34.1	43.1	20.3	Chrysotile 2.5	NA
Location: Bldg. 46-4 South End Office - Window Caulk Interior								
30	46-4-30	49	0.290	64.7	16.3	15.0	Chrysotile 4.0	NA
Location: Bldg. 46-4 South End Office - Window Caulk Exterior								
31	46-4-31	50	0.328	6.3	78.3	15.1	Chrysotile <0.3	Chrysotile <1.0
Location: Bldg. 46-4 South End Office - Window Glazing								

Client Name: HRP Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

TUR3500.BA Task 02; Ilion, NY (Report Amended 1/18/2025)

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
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Analyzed by: Marik Peysakhov
 Date: 1/3/2025



Reviewed by: John P. Koubiadis



**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 heterogeneous materials).

AmeriSci New York	Report Amendment Explanation Form (append to amended report)	Date Amended 1/18/2025
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Client: HRP Associates, Inc.

AmeriSci Job #: 224122989

Client Job: TUR3500.BA Task 02

Analysis Type: ELAP-PLM/TEM

AmeriSci Sample
#s affected:

224122989-19

Amended by
(print/sign):

Jared C. Clarke

Original Item(s)
Being Amended: Sample 19 (46-2-19) no analyzed, PS

Changes Made: Analyzed Sample 19 (46-2-19)

Reason for
Changes: Sample 19 was assigned the incorrect HA group. Client emailed COC with correct HA group. Report was amended and reissued to the client.

Attach original sheet with incorrect item or items to be amended clearly indicated or circled.

AmeriSci New York	Report Amendment Explanation Form (append to amended report)	Date Amended 1/18/2025
--------------------------	---	---------------------------

Client: HRP Associates, Inc.

AmeriSci Job #: 224122989

Client Job: TUR3500.BA Task 02

Analysis Type: ELAP-PLM/TEM

AmeriSci Sample

#s affected: 224122989-20

Amended by

(print/sign): Jared C. Clarke

Original Item(s) Being Amended: Sample 20 (46-2-20) was declared positive.

Changes Made: Re-prepped and re-analyzed sample Sample 20 (46-2-20) by a different analyst and sample was still declared positive.

Reason for Changes: Client requested additional analysis on Sample 20 (46-2-20) for validity of results. Report was amended and report was reissued to the client.

Attach original sheet with incorrect item or items to be amended clearly indicated or circled.

From: Eric Dousharm
Sent: Saturday, January 18, 2025 12:48 PM
To: srajmangal@outlook.com
Cc: amerisci_tempdept@amerisci.com
Subject: Corrected COC for Inv 224122989

I spoke with Jared today regarding a few concerns with INV 224122989.

1) Please find attached a corrected COC form for the Homo ID for Field ID 46-2-19. Currently the invoice shows this as a NA/PS due to the incorrect Homo ID#.

2) We would do a quality check regarding Field ID 46-3-20.

Thanks

M. Eric Dousharm
President
Rome Environmental Solutions & Testing, LLC
8041 River Road, Rome NY 13440
(P) 315-794-7946



Date/Time: 12/28/24 3pm
 Date/Time: 12/30/24 10:09
 Date/Time:
 Date/Time:

Relinquished By: *[Signature]*
 Received By: *[Signature]*
 Relinquished By:
 Received By:

Company: HRP Associates, Inc. HRP Project No: TUR3500.BA Task 02 AMERISCI #: #224122990

Street Address: One Fairchild Square, Suite 110 Project Address: Iliion, NY

City: Clifton Park State: NY Zip: 12065 Project Manager: Jesse Zahn

Phone: 518-441-7588 Fax: 518-877-8561

Site/Secondary Fax #:
 Turnaround Time: 5 DAY TAT Material Type: Bulk Dust Water

Results to: Jesse.zahn@hrpassociates.com Sampled By: M. Eric Dousharm Date Sampled: 12/27/24

Special Instructions or Comments:

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
84-2-01	Bldg 84-2 center	Gypsum wall	60
84-2-02	↓	Interior window caulk	65
84-2-03	↓	Window Glazing	66
84-2-04	South end	Joint compound	61
84-1-05	84-1 center	Gypsum wall	60
84-1-06	↓	Joint compound	61
84-1-07	↓	9"X9" FT Green	70
84-1-08	↓	9"X9" FT white	71
84-1-09	South end	Floor tile mastic Black	72
84-1-10	↓	" "	72
84-3-11	84-3 SE side	Gypsum wall	60
84-3-12	↓	Joint compound	61
84-4-13	84-4 South end	Gypsum wall	60
84-4-14	↓	Joint compound	61



PLM Bulk Asbestos Report

HRP Associates, Inc.
Attn: Jesse Zahn
1 Fairchild Square
Suite 110
Clifton Park, NY 12065

Date Received 12/30/2024 **AmeriSci Job #** 224122990
Date Examined 01/02/25 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 3
RE: TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
84-2-01 60 Location: Bldg 84-2 Center - Gypsum Wall Analyst Description: Brown/White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 15%, Non-fibrous 85%	224122990-01	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
84-2-02 65 Location: Bldg 84-2 Center - Interior Window Caulk Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 2.8% Other Material: Non-fibrous 11%	224122990-02	Yes	2.8% (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	
84-2-03 66 Location: Bldg 84-2 Center - Window Glazing Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 3.6%	224122990-03	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
84-2-04 61 Location: Bldg 84-2 South End - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122990-04	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
84-1-05 60 Location: Bldg 84-1 Center - Gypsum Wall Analyst Description: Brown/White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 15%, Non-fibrous 85%	224122990-05	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
84-1-06 61 Location: Bldg 84-1 Center - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122990-06	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
84-1-07 70 Location: Bldg 84-1 Center - 9" X 9" FT Green Analyst Description: Green, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 7.6% Other Material: Non-fibrous 35%	224122990-07	Yes	7.6% (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	
84-1-08 71 Location: Bldg 84-1 Center - 9" X 9" FT White Analyst Description: Brown/White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 6.1% Other Material: Non-fibrous 29%	224122990-08	Yes	6.1% (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	
84-1-09 72 Location: Bldg 84-1 South End - Floor Tile Mastic Black Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 6.3%	224122990-09	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
84-1-10 72 Location: Bldg 84-1 South End - Floor Tile Mastic Black Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 6.7%	224122990-10	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
84-3-11 60 Location: Bldg 84-3 SE Side - Gypsum Wall Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 20%, Non-fibrous 80%	224122990-11	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
84-3-12 61 Location: Bldg 84-3 SE Side - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122990-12	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
84-4-13 60 Location: Bldg 84-43 South End - Gypsum Wall Analyst Description: Brown/White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 20%, Non-fibrous 80%	224122990-13	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
84-4-14 61	224122990-14	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	

Location: Bldg 84-43 South End - Joint Compound
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 100%

Reporting Notes:

(1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: Bo Sun



Reviewed by: John P. Koubiadis



Date: 1/2/2025

*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 Motic, Model BA310 Pol Scope, Microscope, Serial #: 1190000538, 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_____

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4
 TUR3500.BA Task 02; Iilon, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	84-2-01	60	---	---	---	---	NAD	NA
Location: Bldg 84-2 Center - Gypsum Wall								
02	84-2-02	65	0.193	36.0	49.7	11.4	Chrysotile 2.8	NA
Location: Bldg 84-2 Center - Interior Window Caulk								
03	84-2-03	66	0.187	36.8	59.6	3.6	NAD	NAD
Location: Bldg 84-2 Center - Window Glazing								
04	84-2-04	61	---	---	---	---	NAD	NA
Location: Bldg 84-2 South End - Joint Compound								
05	84-1-05	60	---	---	---	---	NAD	NA
Location: Bldg 84-1 Center - Gypsum Wall								
06	84-1-06	61	---	---	---	---	NAD	NA
Location: Bldg 84-1 Center - Joint Compound								
07	84-1-07	70	0.274	18.8	37.7	35.9	Chrysotile 7.6	NA
Location: Bldg 84-1 Center - 9" X 9" FT Green								
08	84-1-08	71	0.195	18.6	46.1	29.2	Chrysotile 6.1	NA
Location: Bldg 84-1 Center - 9" X 9" FT White								
09	84-1-09	72	0.253	86.0	7.6	6.3	NAD	NAD
Location: Bldg 84-1 South End - Floor Tile Mastic Black								
10	84-1-10	72	0.235	85.6	7.7	6.7	NAD	NAD
Location: Bldg 84-1 South End - Floor Tile Mastic Black								
11	84-3-11	60	---	---	---	---	NAD	NA
Location: Bldg 84-3 SE Side - Gypsum Wall								
12	84-3-12	61	---	---	---	---	NAD	NA
Location: Bldg 84-3 SE Side - Joint Compound								
13	84-4-13	60	---	---	---	---	NAD	NA
Location: Bldg 84-43 South End - Gypsum Wall								
14	84-4-14	61	---	---	---	---	NAD	NA
Location: Bldg 84-43 South End - Joint Compound								

Client Name: HRP Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

TUR3500.BA Task 02; Ilion, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
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Analyzed by: Marik Peysakhov
 Date: 1/3/2025



Reviewed by: John P. Koubiadis



**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 heterogeneous materials).



Relinquished By: [Signature] Date/Time: 12/26/24 3pm
 Received By: [Signature] Date/Time: 12/30/24 + 10:09
 Relinquished By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

Company: **HRP Associates, Inc.** HRP Project No: **TUR3500.BA Task 02** AMERISCI #: **#224122991**

Street Address: **One Fairchild Square, Suite 110** Project Address: **Ilion, NY**

City: **Clifton Park** State: **NY** Zip: **12065** Project Manger: **Jesse Zahn**

Phone: **518-441-7588** Fax: **518-877-8561**

Analysis: PLM Only TEM Only NY ELAP PLM/TEM
 ASTM Dust (microvac) ASTM Dust (Wipe) Other (describe in Comments)

Site/Secondary Fax #: _____ Material Type: Bulk Dust
 Water

Turnaround Time: **5 DAY TAT** Date Sampled: 12/26/24

Results to: Jesse.zahn@hrpassociates.com Sampled By: M. Eric Dousharm
 Special Instructions or Comments: Removal

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
49-2-01	Bldg. 49-2	12x12 Tan w/ Brown Stricks	41
49-2-02	↓ ↓ ↓ ↓ ↓	12x12 Yellow Mastic	42
49-2-03	↓ ↓ ↓ ↓ ↓	Joint Compound	38
49-2-04	↓ ↓ ↓ ↓ ↓	Gypsum Wall	37
50-2-01	Bldg. 50-2	Joint Compound	38
50-2-02	↓ ↓ ↓ ↓ ↓	Gypsum Wall	37
50-2-03	↓ ↓ ↓ ↓ ↓	12x12 Tan w/ Brown Stricks	41
50-2-04	↓ ↓ ↓ ↓ ↓	Yellow Mastic	42
51-2-01	Bldg. 51-2	Ceramic Tile - Pink	57
51-2-02	↓ ↓ ↓ ↓ ↓	Tile Mastic	58
51-2-03	↓ ↓ ↓ ↓ ↓	Ceramic Tile - Stone	59
51-2-04	↓ ↓ ↓ ↓ ↓	Tile Mastic	58
51-2-05	↓ ↓ ↓ ↓ ↓	Gypsum wall	37
51-2-06	↓ ↓ ↓ ↓ ↓	Joint Compound	38
51-4-07	Bldg. 51-4	Gypsum Wall	37
51-4-08	Bldg. 51-4	Joint Compound	38



AmeriSci New York

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

PLM Bulk Asbestos Report

HRP Associates, Inc.
Attn: Jesse Zahn
1 Fairchild Square
Suite 110
Clifton Park, NY 12065

Date Received 12/30/2024 **AmeriSci Job #** 224122991
Date Examined 01/02/25 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 3
RE: TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
49-2-01 41 Location: Bldg. 49-2 - 12 X 12 Tan W/ Brown Streaks Analyst Description: Tan/Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 11%	224122991-01	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
49-2-02 42 Location: Bldg. 49-2 - 12 X 12 Yellow Mastic Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 18%	224122991-02	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
49-2-03 38 Location: Bldg. 49-2 - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122991-03	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
49-2-04 37 Location: Bldg. 49-2 - Gypsum Wall Analyst Description: Brown/Gray, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 20%, Non-fibrous 80%	224122991-04	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
50-2-01 38 Location: Bldg. 50-2 - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122991-05	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
50-2-02 37 Location: Bldg. 50-2 - Gypsum Wall Analyst Description: Brown/White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 20%, Non-fibrous 80%	224122991-06	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	

See Reporting notes on last page

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
50-2-03 41 Location: Bldg. 50-2 - 12 X 12 Tan W/ Brown Streaks Analyst Description: Tan/Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 13%	224122991-07	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
50-2-04 42 Location: Bldg. 50-2 - Yellow Mastic Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 23%	224122991-08	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
51-2-01 57 Location: Bldg. 51-2 - Ceramic Tile - Pink Analyst Description: Pink, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122991-09	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
51-2-02 58 Location: Bldg. 51-2 - Tile Mastic Analyst Description: White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122991-10	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
51-2-03 59 Location: Bldg. 51-2 - Ceramic Tile - Stone Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122991-11	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
51-2-04 58 Location: Bldg. 51-2 - Tile Mastic Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 42%	224122991-12	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
51-2-05 37 Location: Bldg. 51-2 - Gypsum Wall Analyst Description: Brown/White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 20%, Non-fibrous 80%	224122991-13	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
51-2-06 38 Location: Bldg. 51-2 - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122991-14	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
51-4-07 37 Location: Bldg. 51-4 - Gypsum Wall Analyst Description: Brown/White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 20%, Non-fibrous 80%	224122991-15	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
51-4-08 38 Location: Bldg. 51-4 - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122991-16	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	

Reporting Notes:

(1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: Bo Sun
Date: 1/2/2025



Reviewed by: John P. Koubiadis



*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 Motic, Model BA310 Pol Scope, Microscope, Serial #: 1190000538, 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_____

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4
 TUR3500.BA Task 02; Iilon, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	49-2-01	41	0.241	21.4	67.4	11.2	NAD	NAD
Location: Bldg. 49-2 - 12 X 12 Tan W/ Brown Streaks								
02	49-2-02	42	0.132	72.6	9.4	18.0	NAD	NAD
Location: Bldg. 49-2 - 12 X 12 Yellow Mastic								
03	49-2-03	38	---	---	---	---	NAD	NA
Location: Bldg. 49-2 - Joint Compound								
04	49-2-04	37	---	---	---	---	NAD	NA
Location: Bldg. 49-2 - Gypsum Wall								
05	50-2-01	38	---	---	---	---	NAD	NA
Location: Bldg. 50-2 - Joint Compound								
06	50-2-02	37	---	---	---	---	NAD	NA
Location: Bldg. 50-2 - Gypsum Wall								
07	50-2-03	41	0.207	21.9	64.6	13.5	NAD	NAD
Location: Bldg. 50-2 - 12 X 12 Tan W/ Brown Streaks								
08	50-2-04	42	0.189	56.7	19.6	23.6	NAD	NAD
Location: Bldg. 50-2 - Yellow Mastic								
09	51-2-01	57	---	---	---	---	NAD	NA
Location: Bldg. 51-2 - Ceramic Tile - Pink								
10	51-2-02	58	---	---	---	---	NAD	NA
Location: Bldg. 51-2 - Tile Mastic								
11	51-2-03	59	---	---	---	---	NAD	NA
Location: Bldg. 51-2 - Ceramic Tile - Stone								
12	51-2-04	58	0.112	14.6	42.6	42.8	NAD	NAD
Location: Bldg. 51-2 - Tile Mastic								
13	51-2-05	37	---	---	---	---	NAD	NA
Location: Bldg. 51-2 - Gypsum Wall								
14	51-2-06	38	---	---	---	---	NAD	NA
Location: Bldg. 51-2 - Joint Compound								
15	51-4-07	37	---	---	---	---	NAD	NA
Location: Bldg. 51-4 - Gypsum Wall								
16	51-4-08	38	---	---	---	---	NAD	NA
Location: Bldg. 51-4 - Joint Compound								

See Reporting notes on last page

Client Name: HRP Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

TUR3500.BA Task 02; Iilon, NY

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

Analyzed by: Marik Peysakhov
Date: 1/3/2025



Reviewed by: John P. Koubiadis



**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 heterogeneous materials).



AmeriSci New York

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

PLM Bulk Asbestos Report

HRP Associates, Inc.
Attn: Jesse Zahn
1 Fairchild Square
Suite 110
Clifton Park, NY 12065

Date Received 12/30/2024 **AmeriSci Job #** 224122992
Date Examined 01/02/25 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 2
RE: TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
65-2-01 79 Location: Bldg. 65-2 - Ceiling Tile 2x4 White W/ Fissures Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 31%	224122992-01	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
65-2-02 79 Location: Bldg. 65-2 - Ceiling Tile 2x4 White W/ Fissures Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 31%	224122992-02	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
65-2-03 80 Location: Bldg. 65-2 - Gypsum Wall Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 20%, Non-fibrous 80%	224122992-03	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
65-2-04 81 Location: Bldg. 65-2 - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122992-04	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
65-2-05 82 Location: Bldg. 65-2 - Rubber Floor - Brown Analyst Description: Black/Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 42%	224122992-05	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
65-2-06 83 Location: Bldg. 65-2 - Yellow Floor Mastic Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 22%	224122992-06	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
66-1-01 84 Location: Bldg. 66-1 - Insulation Blanket Analyst Description: Off-White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 45%, Non-fibrous 4.0%	224122992-07	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
66-1-02 84 Location: Bldg. 66-1 - Insulation Blanket Analyst Description: Off-White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 45%, Non-fibrous 4.7%	224122992-08	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1

Reporting Notes:

(1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: Bo Sun
Date: 1/2/2025



Reviewed by: Marik Peysakhov



*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 Motic, Model BA310 Pol Scope, Microscope, Serial #: 1190000538, 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_____

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4
 TUR3500.BA Task 02; Ilion, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	65-2-01	79	0.169	30.7	38.0	31.3	NAD	NAD
Location: Bldg. 65-2 - Ceiling Tile 2x4 White W/ Fissures								
02	65-2-02	79	0.174	27.4	40.7	31.9	NAD	NAD
Location: Bldg. 65-2 - Ceiling Tile 2x4 White W/ Fissures								
03	65-2-03	80	----	----	----	----	NAD	NA
Location: Bldg. 65-2 - Gypsum Wall								
04	65-2-04	81	----	----	----	----	NAD	NA
Location: Bldg. 65-2 - Joint Compound								
05	65-2-05	82	0.223	44.3	13.7	42.0	NAD	NAD
Location: Bldg. 65-2 - Rubber Floor - Brown								
06	65-2-06	83	0.185	58.3	18.9	22.8	NAD	NAD
Location: Bldg. 65-2 - Yellow Floor Mastic								
07	66-1-01	84	0.189	46.5	4.5	49.0	NAD	NAD
Location: Bldg. 66-1 - Insulation Blanket								
08	66-1-02	84	0.150	46.3	3.9	49.7	NAD	NAD
Location: Bldg. 66-1 - Insulation Blanket								

Analyzed by: Marik Peysakhov
 Date: 1/3/2025



Reviewed by: Marik Peysakhov



**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 heterogeneous materials).



Relinquished By: *[Signature]* Date/Time: 12/28/24 3pm
 Received By: *[Signature]* Date/Time: 12/30/24 10:09
 Relinquished By: *[Signature]* Date/Time:
 Received By: *[Signature]* Date/Time:

Company: HRP Associates, Inc. HRP Project No: TUR3500.BA Task 02
 Street Address: One Fairchild Square, Suite 110 Project Address: Iliion, NY
 City: Clifton Park State: NY Zip: 12065 Project Manger: Jesse Zahn
 Phone: 518-441-7588 Fax: 518-877-8561
 Analysis: PLM Only TEM Only NY ELAP PLM/TEM
 ASTM Dust (microvac) ASTM Dust (Wipe) Other (describe in Comments)
 Material Type: Bulk Dust
 Water
 Turnaround Time: 5 DAY TAT Date Sampled: 12/26/24
 Results to: Jesse.zahn@hrpassociates.com Sampled By: M. Eric Dousharm
 Special Instructions or Comments: o.c.m.

AMERISCI # 224122993

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
47-2-01	Bldg. 47-2	Tank Insulation	51
47-2-02	Bldg. 47-2	Pipe Insulation	52
47-1-03	Bldg. 47-1	Tank Insulation	51
47-1-04		Pipe Insulation	52
47-1-05		Tank Insulation	51
47-1-06		Pipe Insulation	52
47-1-07		Joint Compound	38
47-1-08		Gypsum	37
47-1-09		12x12 TAN w/ Brown Strak	41
47-1-10		12x12 BLACK MASHIC	50
47-1-11		Gray Epoxy Floor	54
47-1-12		Gray Epoxy Floor	54
48-2-01	Bldg. 48-2	12x12 Beige w/ white Strak	55
48-2-02		Fiberglass Batt Insulation	56
48-2-03		Fiberglass Batt Insulation	56
48-2-04		Joint Compound	38
48-2-05		Gypsum Wall	37



AmeriSci New York

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

PLM Bulk Asbestos Report

HRP Associates, Inc.
Attn: Jesse Zahn
1 Fairchild Square
Suite 110
Clifton Park, NY 12065

Date Received 12/30/2024 **AmeriSci Job #** 224122993
Date Examined 01/03/25 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 3
RE: TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
47-2-01 51 Location: Bldg. 47-2 - Tank Insulation Analyst Description: White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 29% Other Material: Non-fibrous 71%	224122993-01	Yes	29% (by NYS ELAP 198.1) by Bo Sun on 01/03/25	
47-2-02 52 Location: Bldg. 47-2 - Pipe Insulation Analyst Description: Brown/Gray, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 31% Other Material: Cellulose 60%, Non-fibrous 9.2%	224122993-02	Yes	31% (by NYS ELAP 198.1) by Bo Sun on 01/03/25	
47-1-03 51 Location: Bldg. 47-1 - Tank Insulation Analyst Description: Bulk Material Asbestos Types: Other Material:	224122993-03		NA/PS	
47-1-04 52 Location: Bldg. 47-1 - Pipe Insulation Analyst Description: Bulk Material Asbestos Types: Other Material:	224122993-04		NA/PS	
47-1-05 51 Location: Bldg. 47-1 - Tank Insulation Analyst Description: Bulk Material Asbestos Types: Other Material:	224122993-05		NA/PS	
47-1-06 52 Location: Bldg. 47-1 - Pipe Insulation Analyst Description: Bulk Material Asbestos Types: Other Material:	224122993-06		NA/PS	

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
47-1-07 38 Location: Bldg. 47-1 - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122993-07	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	
47-1-08 37 Location: Bldg. 47-1 - Gypsum Analyst Description: Brown/White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 15%, Non-fibrous 85%	224122993-08	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	
47-1-09 41 Location: Bldg. 47-1 - 12 x 12 Tan w/Brown Streaks Analyst Description: Tan/Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 9.4% Other Material: Non-fibrous 39%	224122993-09	Yes	9.4% (NOB by NYS ELAP 198.6) by Bo Sun on 01/03/25	
47-1-10 50 Location: Bldg. 47-1 - 12 x 12 Black Mastic Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 11%	224122993-10	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/03/25	1
47-1-11 54 Location: Bldg. 47-1 - Gray Epoxy Floor Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 33%	224122993-11	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/03/25	1
47-1-12 54 Location: Bldg. 47-1 - Gray Epoxy Floor Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 38%	224122993-12	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/03/25	1
48-2-01 55 Location: Bldg. 48-2 - 12 x 12 Beige w/White Streak Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 3.5%	224122993-13	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/03/25	1

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
48-2-02 56 Location: Bldg. 48-2 - Fiberglass Batt Insulation Analyst Description: Black/Brown, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 7.0%, Non-fibrous 2.3%	224122993-14	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/03/25	1
48-2-03 56 Location: Bldg. 48-2 - Fiberglass Batt Insulation Analyst Description: Black/Brown, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 5.0%, Non-fibrous 2.5%	224122993-15	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/03/25	1
48-2-04 38 Location: Bldg. 48-2 - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122993-16	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	
48-2-05 37 Location: Bldg. 48-2 - Gypsum Wall Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 20%, Non-fibrous 80%	224122993-17	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	

Reporting Notes:

(1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: Bo Sun
Date: 1/3/2025



Reviewed by: Karol H. Lu



*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 Motic, Model BA310 Pol Scope, Microscope, Serial #: 1190000538, 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.

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4
 TUR3500.BA Task 02; Iilon, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	47-2-01	51	---	---	---	---	Chrysotile 28	NA
	Location: Bldg. 47-2 - Tank Insulation							
02	47-2-02	52	---	---	---	---	Chrysotile 30	NA
	Location: Bldg. 47-2 - Pipe Insulation							
03	47-1-03	51	---	---	---	---	NA/PS	NA
	Location: Bldg. 47-1 - Tank Insulation							
04	47-1-04	52	---	---	---	---	NA/PS	NA
	Location: Bldg. 47-1 - Pipe Insulation							
05	47-1-05	51	---	---	---	---	NA/PS	NA
	Location: Bldg. 47-1 - Tank Insulation							
06	47-1-06	52	---	---	---	---	NA/PS	NA
	Location: Bldg. 47-1 - Pipe Insulation							
07	47-1-07	38	---	---	---	---	NAD	NA
	Location: Bldg. 47-1 - Joint Compound							
08	47-1-08	37	---	---	---	---	NAD	NA
	Location: Bldg. 47-1 - Gypsum							
09	47-1-09	41	0.192	23.5	27.1	39.9	Chrysotile 9.4	NA
	Location: Bldg. 47-1 - 12 x 12 Tan w/Brown Streaks							
10	47-1-10	50	0.262	71.0	17.5	11.6	NAD	NAD
	Location: Bldg. 47-1 - 12 x 12 Black Mastic							
11	47-1-11	54	0.267	49.2	17.4	33.4	NAD	NAD
	Location: Bldg. 47-1 - Gray Epoxy Floor							
12	47-1-12	54	0.226	40.3	21.5	38.2	NAD	NAD
	Location: Bldg. 47-1 - Gray Epoxy Floor							
13	48-2-01	55	0.197	14.8	81.6	3.5	NAD	NAD
	Location: Bldg. 48-2 - 12 x 12 Beige w/White Streak							
14	48-2-02	56	0.391	89.8	0.9	9.3	NAD	NAD
	Location: Bldg. 48-2 - Fiberglass Batt Insulation							
15	48-2-03	56	0.232	91.0	1.4	7.5	NAD	NAD
	Location: Bldg. 48-2 - Fiberglass Batt Insulation							
16	48-2-04	38	---	---	---	---	NAD	NA
	Location: Bldg. 48-2 - Joint Compound							

Client Name: HRP Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

TUR3500.BA Task 02; Ilion, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	48-2-05	37	---	---	---	---	NAD	NA

Location: Bldg. 48-2 - Gypsum Wall

Analyzed by: Karol H. Lu
 Date: 1/3/2025



Reviewed by: Karol H. Lu



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

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



Relinquished By: *[Signature]* Date/Time: 12/24/24 3pm
 Received By: *[Signature]* Date/Time: 12/30/24 10:09
 Relinquished By: *[Signature]* Date/Time: _____
 Received By: _____ Date/Time: _____

Company: HRP Associates, Inc. HRP Project No: TUR3500.BA Task 02
 AMERISCI #: #224122994

Street Address: One Fairchild Square, Suite 110
 City: Clifton Park State: NY Zip: 12065
 Project Address: Iilon, NY
 Project Manager: Jesse Zahn
 Analysis: PLM Only TEM Only NY ELAP PLM/TEM
 ASTM Dust (microvac) ASTM Dust (Wipe) Other (describe in Comments)
 Phone: 518-441-7588 Fax: 518-877-8561
 Turnaround Time: 5 DAY TAT
 Material Type: Bulk Dust

Site/Secondary Fax #: _____ Date Sampled: 12/27/24
 Results to: Jesse.zahn@hrpassociates.com / j.dousharn@hrpassociates.com
 Sampled By: M. Eric Dousharn

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
72-2-01	Bldg. 72-2	9x9 Floor Tile TAN (Light)	85
72-2-02		9x9 Black Mastic	86
72-2-03		9x9 Floor Tile TAN (Dark)	87
72-2-04		9x9 Black Mastic	86
72-2-05		Gypsum Wall	88
72-2-06		Joint Compound	89
72-2-07		Interior Wallboard (Tan)	90
72-2-08		Interior Window Caulk	91
72-2-09		Interior Window Glazing	92
72-3-10	Bldg. 72-3	Woven Wallboard (Brown)	93
72-3-11		" "	93
72-3-12		12x12 Floor Tile (Light Beige)	94
72-3-13		12x12 Yellow Mastic	95
72-3-14		9x9 Floor Tile (Light Beige)	85
72-3-15		9x9 Black Mastic	86
72-3-16		9x9 Floor Tile (Dark Brown)	87
72-3-17		9x9 Black Mastic	86

**AmeriSci New York**117 EAST 30TH ST.
NEW YORK, NY 10016
TEL: (212) 679-8600 • FAX: (212) 679-3114**PLM Bulk Asbestos Report**HRP Associates, Inc.
Attn: Jesse Zahn
1 Fairchild Square
Suite 110
Clifton Park, NY 12065**Date Received** 12/30/2024 **AmeriSci Job #** 224122994
Date Examined 01/02/25 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 4
RE: TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
72-2-01 85 Location: Bldg. 72-2 - 9 X 9 Floor Tile Tan (Light) Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 5.3% Other Material: Non-fibrous 16%	224122994-01	Yes	5.3% (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	
72-2-02 86 Location: Bldg. 72-2 - 9 X 9 Black Mastic Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 3.7% Other Material: Non-fibrous 10%	224122994-02	Yes	3.7% (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	
72-2-03 87 Location: Bldg. 72-2 - 9 X 9 Floor Tile Tan (Dark) Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 7.6% Other Material: Non-fibrous 43%	224122994-03	Yes	7.6% (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	
72-2-04 86 Location: Bldg. 72-2 - 9 X 9 Black Mastic Analyst Description: Bulk Material Asbestos Types: Other Material:	224122994-04		NA/PS	
72-2-05 88 Location: Bldg. 72-2 - Gypsum Wall Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 20%, Non-fibrous 80%	224122994-05	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
72-2-06 89 Location: Bldg. 72-2 - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122994-06	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	

See Reporting notes on last page

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
72-2-07 90 Location: Bldg. 72-2 - Woven Wallboard (Tan) Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 9.3%	224122994-07	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
72-2-08 91 Location: Bldg. 72-2 - Interior Window Caulk Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 77%	224122994-08	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
72-2-09 92 Location: Bldg. 72-2 - Interior Window Glazing Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Anthophyllite <0.3 % pc Other Material: Non-fibrous 17%	224122994-09	Yes	Inconclusive - Trace Anthophyllite detected at 1% or less (NOB by EPA 600/M4-82-020) by Bo Sun on 01/02/25	2
72-3-10 93 Location: Bldg. 72-3 - Woven Wallboard (Brown) Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 4.7%	224122994-10	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
72-3-11 93 Location: Bldg. 72-3 - Woven Wallboard (Brown) Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 2.6%	224122994-11	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
72-3-12 94 Location: Bldg. 72-3 - 12 X 12 Floor Tile (Light Beige) Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 7.0%	224122994-12	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1
72-3-13 95 Location: Bldg. 72-3 - 12 X 12 Yellow Mastic Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 28%	224122994-13	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/02/25	1

See Reporting notes on last page

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
72-3-14 85 Location: Bldg. 72-3 - 9 X 9 Floor Tile (Light Beige) Analyst Description: Bulk Material Asbestos Types: Other Material:	224122994-14		NA/PS	
72-3-15 86 Location: Bldg. 72-3 - 9 X 9 Black Mastic Analyst Description: Bulk Material Asbestos Types: Other Material:	224122994-15		NA/PS	
72-3-16 87 Location: Bldg. 72-3 - 9 X 9 Floor Tile (Dark Brown) Analyst Description: Bulk Material Asbestos Types: Other Material:	224122994-16		NA/PS	
72-3-17 86 Location: Bldg. 72-3 - 9 X 9 Black Mastic Analyst Description: Bulk Material Asbestos Types: Other Material:	224122994-17		NA/PS	
72-4-18 91 Location: Bldg. 72-4 - Interior Window Caulk Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <0.3 % pc, Anthophyllite <0.3 % pc Other Material: Non-fibrous 9.4%	224122994-18	Yes	Inconclusive - Trace Anthophyllite, Chrysotile detected at 1% or less (NOB by EPA 600/M4-82-020) by Bo Sun on 01/02/25	2
72-4-19 92 Location: Bldg. 72-4 - Interior Window Glazing Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <0.3 % pc Other Material: Non-fibrous 8.1%	224122994-19	Yes	Inconclusive - Trace Chrysotile detected at 1% or less (NOB by EPA 600/M4-82-020) by Bo Sun on 01/02/25	2
72-4-20 96 Location: Bldg. 72-4 - Plaster / Wall Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122994-20	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	

See Reporting notes on last page

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
72-1-21 88 Location: Bldg. 72-1 - Gypsum Wall Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 20%, Non-fibrous 80%	224122994-21	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	
72-1-22 89 Location: Bldg. 72-1 - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122994-22	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/02/25	

Reporting Notes:

- (1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM
- (2) Trace <1% results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: Bo Sun

Date: 1/2/2025



Reviewed by: Marik Peysakhov



*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 Motic, Model BA310 Pol Scope, Microscope, Serial #: 1190000538, 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_____

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4
 TUR3500.BA Task 02; Iilon, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	72-2-01	85	0.235	19.1	59.6	16.0	Chrysotile 5.3	NA
Location: Bldg. 72-2 - 9 X 9 Floor Tile Tan (Light)								
02	72-2-02	86	0.079	71.0	15.2	10.0	Chrysotile 3.7	NA
Location: Bldg. 72-2 - 9 X 9 Black Mastic								
03	72-2-03	87	0.329	28.8	20.2	43.4	Chrysotile 7.5	NA
Location: Bldg. 72-2 - 9 X 9 Floor Tile Tan (Dark)								
04	72-2-04	86	0.113	87.6	3.8	8.6	NA/PS	NA
Location: Bldg. 72-2 - 9 X 9 Black Mastic								
05	72-2-05	88	----	----	----	----	NAD	NA
Location: Bldg. 72-2 - Gypsum Wall								
06	72-2-06	89	----	----	----	----	NAD	NA
Location: Bldg. 72-2 - Joint Compound								
07	72-2-07	90	0.241	73.6	17.1	9.3	NAD	NAD
Location: Bldg. 72-2 - Woven Wallboard (Tan)								
08	72-2-08	91	0.237	6.5	16.3	77.2	NAD	NAD
Location: Bldg. 72-2 - Interior Window Caulk								
09	72-2-09	92	0.277	8.1	74.1	17.6	Anthrophyllite <0.3	Anthrophyllite <1.0
Location: Bldg. 72-2 - Interior Window Glazing								
10	72-3-10	93	0.270	77.4	17.8	4.7	NAD	NAD
Location: Bldg. 72-3 - Woven Wallboard (Brown)								
11	72-3-11	93	0.142	77.9	19.5	2.6	NAD	NAD
Location: Bldg. 72-3 - Woven Wallboard (Brown)								
12	72-3-12	94	0.284	9.9	83.1	7.0	NAD	NAD
Location: Bldg. 72-3 - 12 X 12 Floor Tile (Light Beige)								
13	72-3-13	95	0.217	52.6	18.8	28.6	NAD	NAD
Location: Bldg. 72-3 - 12 X 12 Yellow Mastic								
14	72-3-14	85	0.252	19.0	40.4	40.5	NA/PS	NA
Location: Bldg. 72-3 - 9 X 9 Floor Tile (Light Beige)								
15	72-3-15	86	0.135	95.1	3.0	1.9	NA/PS	NA
Location: Bldg. 72-3 - 9 X 9 Black Mastic								
16	72-3-16	87	0.245	17.1	34.7	48.1	NA/PS	NA
Location: Bldg. 72-3 - 9 X 9 Floor Tile (Dark Brown)								

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4
 TUR3500.BA Task 02; Ilion, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	72-3-17	86	0.141	81.6	5.8	12.6	NA/PS	NA
Location: Bldg. 72-3 - 9 X 9 Black Mastic								
18	72-4-18	91	0.193	11.3	79.3	7.9	Chrysotile <0.3	Chrysotile 1.4
Location: Bldg. 72-4 - Interior Window Caulk								
19	72-4-19	92	0.327	19.6	72.3	7.9	Anthrophyllite <0.3	Anthrophyllite Trace
Location: Bldg. 72-4 - Interior Window Glazing								
20	72-4-20	96	---	---	---	---	NAD	NA
Location: Bldg. 72-4 - Plaster / Wall								
21	72-1-21	88	---	---	---	---	NAD	NA
Location: Bldg. 72-1 - Gypsum Wall								
22	72-1-22	89	---	---	---	---	NAD	NA
Location: Bldg. 72-1 - Joint Compound								

Analyzed by: Marik Peysakhov
 Date: 1/3/2025

Reviewed by: Marik Peysakhov

**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 heterogeneous materials).



Date/Time: 12/28/24 3pm
 Date/Time: 12/30/24 + 10:09
 Date/Time:
 Date/Time:

Relinquished By: M Eric Dousharm
 Received By: Sung J
 Relinquished By:
 Received By:

Company: HRP Associates, Inc. HRP Project No: TUR3500.BA Task 02
 AMERISCI #: #224122995

Street Address: One Fairchild Square, Suite 110
 City: Clifton Park State: NY Zip: 12065
 Project Address: Iilon, NY
 Project Manger: Jesse Zahn
 Analysis: PLM Only TEM Only NY ELAP PLM/TEM
 ASTM Dust (microvac) ASTM Dust (Wipe) Other (describe in Comments)
 Phone: 518-441-7588 Fax: 518-877-8561
 Material Type: Bulk Dust
 Site/Secondary Fax #: Turnaround Time: 5 DAY TAT
 Date Sampled: 12/27/24

Results to: Jesse.zahn@hrpsociates.com / edousharm@ameriscicom
 Special Instructions or Comments:

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
83-4-01	Bldg 83-4	Gypsum wall	60
83-4-02	↓	Joint Compound	61
83-3-03	83-3	Gypsum wall	60
83-3-04	↓	Joint Compound	61
83-2-05	83-2	2x2 Ceramic tile (Ok Red)	67
83-2-06	↓	Ceramic tile grout	68
83-2-07	↓	" " Mastic	69
83-2-08	↓	Gypsum wall	60
83-2-09	↓	Joint Compound	61



AmeriSci New York

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

PLM Bulk Asbestos Report

HRP Associates, Inc.
Attn: Jesse Zahn
1 Fairchild Square
Suite 110
Clifton Park, NY 12065

Date Received 12/30/2024 **AmeriSci Job #** 224122995
Date Examined 01/03/25 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 2
RE: TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
83-4-01 60 Location: Bldg. 83-4 - Gypsum Wall Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 10%, Non-fibrous 90%	224122995-01	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	
83-4-02 61 Location: Bldg. 83-4 - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122995-02	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	
83-3-03 60 Location: Bldg. 83-3 - Gypsum Wall Analyst Description: Brown/White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 10%, Non-fibrous 90%	224122995-03	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	
83-3-04 61 Location: Bldg. 83-3 - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122995-04	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	
83-2-05 67 Location: Bldg. 83-2 - 2"x2" Ceramic Tile (Oak Red) Analyst Description: Brick Red, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122995-05	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	
83-2-06 68 Location: Bldg. 83-2 - Ceramic Tile Grout Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122995-06	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
83-2-07 69 Location: Bldg. 83-2 - Ceramic Tile Mastic	224122995-07	Yes	Inconclusive - Trace Chrysotile detected at 1% or less (NOB by EPA 600/M4-82-020) by Bo Sun on 01/03/25	1
83-2-08 60 Location: Bldg. 83-2 - Gypsum Wall	224122995-08	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	
83-2-09 61 Location: Bldg. 83-2 - Joint Compound	224122995-09	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	

Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types: Chrysotile <0.3 % pc
Other Material: Non-fibrous 52%

Analyst Description: Brown/White, Homogeneous, Fibrous, Bulk Material
Asbestos Types:
Other Material: Cellulose 15%, Non-fibrous 85%

Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 100%

Reporting Notes:

(1) Trace <1% results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: Bo Sun
 Date: 1/3/2025



Reviewed by: Karol H. Lu



*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 Motic, Model BA310 Pol Scope, Microscope, Serial #: 1190000538, 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.

Client Name: HRP Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

TUR3500.BA Task 02; Ilion, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	83-4-01	60	---	---	---	---	NAD	NA
Location: Bldg. 83-4 - Gypsum Wall								
02	83-4-02	61	---	---	---	---	NAD	NA
Location: Bldg. 83-4 - Joint Compound								
03	83-3-03	60	---	---	---	---	NAD	NA
Location: Bldg. 83-3 - Gypsum Wall								
04	83-3-04	61	---	---	---	---	NAD	NA
Location: Bldg. 83-3 - Joint Compound								
05	83-2-05	67	---	---	---	---	NAD	NA
Location: Bldg. 83-2 - 2"x2" Ceramic Tile (Oak Red)								
06	83-2-06	68	---	---	---	---	NAD	NA
Location: Bldg. 83-2 - Ceramic Tile Grout								
07	83-2-07	69	0.263	23.7	23.5	52.6	Chrysotile <0.3	Chrysotile <1.0
Location: Bldg. 83-2 - Ceramic Tile Mastic								
08	83-2-08	60	---	---	---	---	NAD	NA
Location: Bldg. 83-2 - Gypsum Wall								
09	83-2-09	61	---	---	---	---	NAD	NA
Location: Bldg. 83-2 - Joint Compound								

Analyzed by: Karol H. Lu

Date: 1/3/2025



Reviewed by: Karol H. Lu



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

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



Relinquished By: *[Signature]* Date/Time: 12/28/24 3pm
 Received By: *[Signature]* Date/Time: 12/30/24 10:09 AMERISCI
 Relinquished By: *[Signature]* Date/Time:
 Received By: *[Signature]* Date/Time:

AMERISCI #: #224122996
 HRP Project No: TUR3500.BA Task 02
 Project Address: Iilon, NY
 Project Manager: Jesse Zahn
 Analysis: PLM Only TEM Only NY ELAP PLM/TEM
 ASTM Dust (microvac) ASTM Dust (Wipe) Other (describe in Comments)
 Material Type: Bulk Dust
 Turnaround Time: 5 DAY TAT
 Sampled By: M. Eric Dousharm Date Sampled: 12/27/24
 Site/Secondary Fax #: *[Handwritten]*
 Results to: Jesse.zahn@hrpassociates.com *[Handwritten]*

Company: HRP Associates, Inc.

Street Address: One Fairchild Square, Suite 110

City: Clifton Park State: NY Zip: 12065

Phone: 518-441-7588 Fax: 518-877-8561

Site/Secondary Fax #:

Results to: Jesse.zahn@hrpassociates.com *[Handwritten]*

Special Instructions or Comments:

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
82-1-01	Bldg 82-1 NE corner	Gypsum wall board	60
82-1-02	↓	Joint compound	61
82-2-03	82-2 NW corner	Insulation Board	62
82-2-04	↓	"	63
82-2-05	North side	Gypsum wall board	60
82-2-06	↓	Joint compound	61
82-2-07	↓	Glove pack under foam sound panels	64
82-2-08	↓	" " " "	64
82-2-09	↓	Interior window caulk	65
82-2-10	↓	Window Glazing	66



AmeriSci New York

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

PLM Bulk Asbestos Report

HRP Associates, Inc.
Attn: Jesse Zahn
1 Fairchild Square
Suite 110
Clifton Park, NY 12065

Date Received 12/30/2024 **AmeriSci Job #** 224122996
Date Examined 01/03/25 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 2
RE: TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
82-1-01 60 Location: Bldg 82-1 NE Corner - Gypsum Wall Board Analyst Description: Brown/White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 20%, Non-fibrous 80%	224122996-01	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	
82-1-02 61 Location: Bldg 82-1 NE Corner - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122996-02	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	
82-2-03 62 Location: Bldg 82-2 NW Corner - Insulation Board Analyst Description: White/Silver, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 20%, Non-fibrous 80%	224122996-03	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	
82-2-04 63 Location: Bldg 82-2 NW Corner - Insulation Board Analyst Description: White/Silver, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 20%, Non-fibrous 80%	224122996-04	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	
82-2-05 60 Location: Bldg 82-2 North Side - Gypsum Wall Board Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 5.0%, Non-fibrous 95%	224122996-05	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	
82-2-06 61 Location: Bldg 82-2 North Side - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	224122996-06	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	

See Reporting notes on last page

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
82-2-07 64 Location: Bldg 82-2 North Side - Glue Puck Under Foam Sound Panels Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 12%	224122996-07	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/03/25	1
82-2-08 64 Location: Bldg 82-2 North Side - Glue Puck Under Foam Sound Panels Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 15%	224122996-08	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/03/25	1
82-2-09 65 Location: Bldg 82-2 North Side - Interior Window Caulk Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 4.0%	224122996-09	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/03/25	1
82-2-10 66 Location: Bldg 82-2 North Side - Window Glazing Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 0.4%	224122996-10	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/03/25	1

Reporting Notes:

(1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: Bo Sun

Date: 1/3/2025



Reviewed by: Karol H. Lu



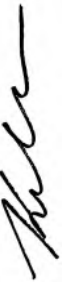
*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop, (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; PLM Bulk Asbestos Analysis using Motic, Model BA310 Pol Scope, Microscope, Serial #: 1190000538, by Appd E 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_____

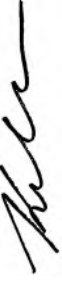
Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4
 TUR3500.BA Task 02; Ilion, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	82-1-01	60	---	---	---	---	NAD	NA
Location: Bldg 82-1 NE Corner - Gypsum Wall Board								
02	82-1-02	61	---	---	---	---	NAD	NA
Location: Bldg 82-1 NE Corner - Joint Compound								
03	82-2-03	62	---	---	---	---	NAD	NA
Location: Bldg 82-2 NW Corner - Insulation Board								
04	82-2-04	63	---	---	---	---	NAD	NA
Location: Bldg 82-2 NW Corner - Insulation Board								
05	82-2-05	60	---	---	---	---	NAD	NA
Location: Bldg 82-2 North Side - Gypsum Wall Board								
06	82-2-06	61	---	---	---	---	NAD	NA
Location: Bldg 82-2 North Side - Joint Compound								
07	82-2-07	64	0.259	49.2	38.4	12.5	NAD	NAD
Location: Bldg 82-2 North Side - Glue Puck Under Foam Sound Panels								
08	82-2-08	64	0.338	46.8	37.4	15.8	NAD	NAD
Location: Bldg 82-2 North Side - Glue Puck Under Foam Sound Panels								
09	82-2-09	65	0.224	42.6	53.4	4.0	NAD	NAD
Location: Bldg 82-2 North Side - Interior Window Caulk								
10	82-2-10	66	0.209	64.8	34.8	0.4	NAD	NAD
Location: Bldg 82-2 North Side - Window Glazing								

Analyzed by: Karol H. Lu
 Date: 1/3/2025



Reviewed by: Karol H. Lu



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

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



Relinquished By: *[Signature]*
 Date/Time: 12/30/24 17:00
 Received By: *[Signature]*
 Date/Time: 12/31/24 11:20
 Relinquished By:
 Date/Time:
 Received By:
 Date/Time:

Company: HRP Associates, Inc. HRP Project No: TUR3500.BA Task 02
 AMERISCI # 224123058

Street Address: One Fairchild Square, Suite 110
 City: Clifton Park State: NY Zip: 12065
 Project Address: Ilion, NY
 Project Manger: Jesse Zahn
 Analysis: PLM Only TEM Only NY ELAP PLM/TEM
 ASTM Dust (microvac) ASTM Dust (Wipe) Other (describe in Comments)
 Material Type: Bulk Dust
 Water
 Turnaround Time: 5 DAY TAT
 Date Sampled:

Site/Secondary Fax #: *[Blank]*
 Results to: Jesse.zahn@hrpassociates.com *[Signature]*
 Sampled By: M. Eric Dousharm

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
M3-1-100	Maintenance Bldg	spray-on white	
M3-1-101	Maintenance Bldg	spray-on white	
M3-ext-102	Maintenance Bldg west side	Exterior Door Caulk	
44-1-01	44-1	wall insulation	
44-1-02	44-1	wall insulation	
52-D-ext-100	52-D-Ext south side	Exterior Window Caulk	
52-D-ext-101	52-D-Ext south side	Exterior Caulk	
52-C-ext-102	52-C-Ext south side	Exterior Door Caulk	
53-ext-100	53-Ext SW corner	Exterior Window Caulk	
53-ext-101	53-Ext SW corner	Glazing	
63-1-01	63-1	Gypsum	
63-1-02	63-1	Joint Compound	
66-ext-100	66-Ext west side	Expansion Joint	
75-ext-100	75-Ext East side	Ext Window Caulk	
75-ext-101	75-Ext East side	Glazing	
2525-ext-01	2525-Ext East side	Ext Wall Board	
2525-ext-02	2525-Ext East side	Ext Wall Board	



Date/Time: 12/30/24 17:00
 Date/Time: 12/31/24 11:20
 Date/Time:
 Date/Time:

Relinquished By: *[Signature]*
 Received By: *[Signature]*
 Relinquished By:
 Received By:

AMERISCI # # 224123058																																					
HRP Project No: TUR3500.BA Task 02	Project Address: Iilon, NY																																				
Project Manger: Jesse Zahn	Analysis: <input type="checkbox"/> PLM Only <input checked="" type="checkbox"/> TEM Only <input checked="" type="checkbox"/> NY ELAP PLM/TEM <input type="checkbox"/> ASTM Dust (microvac) <input type="checkbox"/> ASTM Dust (Wipe) <input type="checkbox"/> Other (describe in Comments)																																				
Street Address: One Fairchild Square, Suite 110	Material Type: <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Dust																																				
City: Clifton Park State: NY Zip: 12065	Turnaround Time: 5 DAY TAT																																				
Phone: 518-441-7588 Fax: 518-877-8561	Date Sampled:																																				
Site/Secondary Fax #:	Sampled By: M. Eric Dousharm																																				
Results to: Jesse.zahn@hrpassociates.com e.dousharm@hrpassociates.com	Special Instructions or Comments:																																				
<table border="1"> <thead> <tr> <th>Field ID</th> <th>Location</th> <th>Sample Description (for dust= size of surface area sampled)</th> <th>Homogenous Area (HA #)</th> </tr> </thead> <tbody> <tr> <td>2525-1-03</td> <td>2525-1</td> <td>Interior Wall Board</td> <td></td> </tr> <tr> <td>2525-1-04</td> <td>2525-1</td> <td>Interior Wall Board</td> <td></td> </tr> <tr> <td>2525-Ext-05</td> <td>Roof</td> <td>tar paper</td> <td></td> </tr> <tr> <td>2525-Ext-06</td> <td>Roof</td> <td>tar paper</td> <td></td> </tr> <tr> <td>76-Ext-100</td> <td>76- Ext</td> <td>Louwer caulk</td> <td></td> </tr> <tr> <td>76-Ext-101</td> <td>76- Ext</td> <td>Louwer caulk</td> <td></td> </tr> <tr> <td>76-Ext-102</td> <td>76- Ext</td> <td>Window caulk (white)</td> <td></td> </tr> <tr> <td>76-Ext-103</td> <td>76- Ext</td> <td>ext window caulk (white)</td> <td></td> </tr> </tbody> </table>	Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)	2525-1-03	2525-1	Interior Wall Board		2525-1-04	2525-1	Interior Wall Board		2525-Ext-05	Roof	tar paper		2525-Ext-06	Roof	tar paper		76-Ext-100	76- Ext	Louwer caulk		76-Ext-101	76- Ext	Louwer caulk		76-Ext-102	76- Ext	Window caulk (white)		76-Ext-103	76- Ext	ext window caulk (white)		
Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)																																		
2525-1-03	2525-1	Interior Wall Board																																			
2525-1-04	2525-1	Interior Wall Board																																			
2525-Ext-05	Roof	tar paper																																			
2525-Ext-06	Roof	tar paper																																			
76-Ext-100	76- Ext	Louwer caulk																																			
76-Ext-101	76- Ext	Louwer caulk																																			
76-Ext-102	76- Ext	Window caulk (white)																																			
76-Ext-103	76- Ext	ext window caulk (white)																																			



AmeriSci New York

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

PLM Bulk Asbestos Report

HRP Associates, Inc.
 Attn: Jesse Zahn
 1 Fairchild Square
 Suite 110
 Clifton Park, NY 12065

Date Received 12/31/2024 **AmeriSci Job #** 224123058
Date Examined 01/03/25 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 4
RE: TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
MB - 1 - 100	224123058-01	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/03/25	
Location: Maintenance Bldg - Spray-On White Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%				
MB - 1 - 101	224123058-02	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/03/25	
Location: Maintenance Bldg - Spray-On White Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%				
MB - EXT - 102	224123058-03	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/03/25	1
Location: Maintenance Bldg West Side - Exterior Door Caulk Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 2.3%				
44 - 1 - 01	224123058-04	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/03/25	
Location: 44-1 - Wall Insulation Analyst Description: White/Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 60%, Non-fibrous 40%				
44 - 1 - 02	224123058-05	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/03/25	
Location: 44-1 - Wall Insulation Analyst Description: White/Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 60%, Non-fibrous 40%				
52 - D - EXT - 100	224123058-06	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/03/25	1
Location: 52-D-Ext South Side Exterior Window Caulk Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 11%				

See Reporting notes on last page

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
52 - D - EXT - 101	224123058-07	Yes	Inconclusive - Trace Chrysotile detected at 1% or less (NOB by EPA 600/M4-82-020) by Emeline M. Frix on 01/03/25	2
Location: 52-D-Ext South Side Exterior Caulk				
Analyst Description: Red/Gray, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types: Chrysotile <0.3 % pc				
Other Material: Non-fibrous 41%				
52 - C - EXT - 102	224123058-08	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/03/25	1
Location: 52-C-Ext South Side Exterior Door Caulk				
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 0.8%				
53 - EXT - 100	224123058-09	Yes	3.0% (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/03/25	
Location: 53 - Ext SW Corner - Exterior Window Caulk				
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types: Chrysotile 3.0%				
Other Material: Non-fibrous 14%				
53 - EXT - 101	224123058-10	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/03/25	1
Location: 53 - Ext SW Corner - Glazing				
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 6.0%				
63 - 1 - 01	224123058-11	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/03/25	
Location: 63-1 - Gypsum				
Analyst Description: White/Brown, Homogeneous, Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Cellulose 15%, Non-fibrous 85%				
63 - 1 - 02	224123058-12	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/03/25	
Location: 63-1 - Joint Compound				
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 100%				
66 - EXT - 100	224123058-13	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/03/25	1
Location: 66-Ext West Side - Expansion Joint				
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 1.4%				

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
75 - EXT - 100	224123058-14	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/03/25	1
Location: 75-Ext East Side - Ext Window Caulk				
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 6.0%				
75 - EXT - 101	224123058-15	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/03/25	1
Location: 75-Ext East Side - Glazing				
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 0.6%				
2525 - EXT - 01	224123058-16	Yes	18% (by NYS ELAP 198.1) by Emeline M. Frix on 01/03/25	
Location: 2525-Ext East Side - Ext Wall Board				
Analyst Description: Red/Gray, Homogeneous, Fibrous, Cementitious, Bulk Material				
Asbestos Types: Chrysotile 18%				
Other Material: Non-fibrous 81%				
2525 - EXT - 02	224123058-17	Yes	25% (by NYS ELAP 198.1) by Emeline M. Frix on 01/03/25	
Location: 2525-Ext East Side - Ext Wall Board				
Analyst Description: Red/Gray, Homogeneous, Fibrous, Cementitious, Bulk Material				
Asbestos Types: Chrysotile 25%				
Other Material: Non-fibrous 75%				
2525 - 1 - 03	224123058-18	Yes	36% (by NYS ELAP 198.1) by Emeline M. Frix on 01/03/25	
Location: 2525-1 - Interior Wall Board				
Analyst Description: Gray, Homogeneous, Fibrous, Cementitious, Bulk Material				
Asbestos Types: Chrysotile 36%				
Other Material: Non-fibrous 63%				
2525 - 1 - 04	224123058-19	Yes	29% (by NYS ELAP 198.1) by Emeline M. Frix on 01/03/25	
Location: 2525-1 - Interior Wall Board				
Analyst Description: Gray, Homogeneous, Fibrous, Cementitious, Bulk Material				
Asbestos Types: Chrysotile 29%				
Other Material: Non-fibrous 71%				
2525 EXT - 05	224123058-20	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/03/25	1
Location: Roof - Tar Paper				
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 1.7%				

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
2525 - EXT - 06	224123058-21	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/03/25	1
Location: Roof - Tar Paper Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 1.3%				
76 - EXT - 100	224123058-22	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/03/25	1
Location: 76-Ext East Side - Louver Caulk Analyst Description: Silver, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 20%				
76 - EXT - 101	224123058-23	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/03/25	1
Location: 76-Ext East Side - Louver Caulk Analyst Description: Silver, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 22%				
76 - EXT - 102	224123058-24	Yes	2.2% (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/03/25	
Location: 76-Ext East Side - Window Caulk (White) Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 2.2% Other Material: Non-fibrous 11%				
76 - EXT - 103	224123058-25	Yes	2.1% (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/03/25	
Location: 76-Ext East Side - Window Caulk (White) Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 2.1% Other Material: Non-fibrous 9.2%				

Reporting Notes:

- (1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM
- (2) Trace <1% results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: Emeline M. Frix
Date: 1/3/2025



Reviewed by: Karol H. Lu



*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 Motic, Model BA310 Pol Scope, Microscope, Serial #: 1190000538, 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.

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4
 TUR3500.BA Task 02; Iilon, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	MB - 1 - 100		---	---	---	---	NAD	NA
	Location: Maintenance Bldg - Spray-On White							
02	MB - 1 - 101		---	---	---	---	NAD	NA
	Location: Maintenance Bldg - Spray-On White							
03	MB - EXT - 102		0.242	33.0	64.7	2.3	NAD	NAD
	Location: Maintenance Bldg West Side - Exterior Door Caulk							
04	44 - 1 - 01		---	---	---	---	NAD	NA
	Location: 44-1 - Wall Insulation							
05	44 - 1 - 02		---	---	---	---	NAD	NA
	Location: 44-1 - Wall Insulation							
06	52 - D - EXT - 100		0.417	30.2	58.2	11.6	NAD	NAD
	Location: 52-D-Ext South Side Exterior Window Caulk							
07	52 - D - EXT - 101		0.226	19.1	39.8	40.9	Chrysotile <0.3	Chrysotile <1.0
	Location: 52-D-Ext South Side Exterior Caulk							
08	52 - C - EXT - 102		0.276	41.3	57.9	0.8	NAD	NAD
	Location: 52-C-Ext South Side Exterior Door Caulk							
09	53 - EXT - 100		0.206	30.7	52.0	14.3	Chrysotile 3.0	NA
	Location: 53 - Ext SW Corner - Exterior Window Caulk							
10	53 - EXT - 101		0.204	12.1	81.9	5.8	NAD	Anthrophyllite <1.0
	Location: 53 - Ext SW Corner - Glazing							
11	63 - 1 - 01		---	---	---	---	NAD	NA
	Location: 63-1 - Gypsum							
12	63 - 1 - 02		---	---	---	---	NAD	NA
	Location: 63-1 - Joint Compound							
13	66 - EXT - 100		0.316	96.7	1.9	1.4	NAD	NAD
	Location: 66-Ext West Side - Expansion Joint							
14	75 - EXT - 100		0.225	57.9	36.1	5.9	NAD	Chrysotile Trace
	Location: 75-Ext East Side - Ext Window Caulk							
15	75 - EXT - 101		0.249	63.5	35.9	0.6	NAD	NAD
	Location: 75-Ext East Side - Glazing							
16	2525 - EXT - 01		---	---	---	---	Chrysotile 18	NA
	Location: 2525-Ext East Side - Ext Wall Board							

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

TUR3500.BA Task 02; Ilion, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	2525 - EXT - 02		---	---	---	---	Chrysotile 25	NA
	Location: 2525-Ext East Side - Ext Wall Board							
18	2525 - 1 - 03		---	---	---	---	Chrysotile 36	NA
	Location: 2525-1 - Interior Wall Board							
19	2525 - 1 - 04		---	---	---	---	Chrysotile 28	NA
	Location: 2525-1 - Interior Wall Board							
20	2525 EXT - 05		0.315	96.9	1.4	1.7	NAD	NAD
	Location: Roof - Tar Paper							
21	2525 - EXT - 06		0.230	97.0	1.7	1.3	NAD	NAD
	Location: Roof - Tar Paper							
22	76 - EXT - 100		0.234	70.2	8.9	20.9	NAD	NAD
	Location: 76-Ext East Side - Louver Caulk							
23	76 - EXT - 101		0.182	64.0	13.7	22.4	NAD	NAD
	Location: 76-Ext East Side - Louver Caulk							
24	76 - EXT - 102		0.271	34.6	51.5	11.7	Chrysotile 2.2	NA
	Location: 76-Ext East Side - Window Caulk (White)							
25	76 - EXT - 103		0.246	35.0	53.7	9.2	Chrysotile 2.1	NA
	Location: 76-Ext East Side - Window Caulk (White)							

Analyzed by: Karol H. Lu

Date: 1/3/2025



Reviewed by: Karol H. Lu



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

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



Date/Time: 12/30/24 17:00
 Date/Time: 12/31/24 11:20
 Date/Time:
 Date/Time:

Relinquished By: *[Signature]*
 Received By: *[Signature]*
 Relinquished By:
 Received By:

AMERISCI # **#224123059**
 HRP Project No: TUR3500.BA Task 02

Company: HRP Associates, Inc.
 Street Address: One Fairchild Square, Suite 110
 City: Clifton Park State: NY Zip: 12065
 Project Address: Iion, NY
 Project Manager: Jesse Zahn
 Analysis: PLM Only TEM Only NY ELAP PLM/TEM
 ASTM Dust (microvac) ASTM Dust (Wipe) Other (describe in Comments)
 Phone: 518-441-7588 Fax: 518-877-8561
 Material Type: Bulk Dust

Site/Secondary Fax #: *[blank]*
 Turnaround Time: 5 DAY TAT
 Date Sampled: 12/30/24
 Results to: Jesse.zahn@hrpassociates.com / e.dousharm@roime.edu.com Sampled By: M. Eric Dousharm

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
75-3-01	Bldg. 75-3	Ceiling Tile 2'x4' white w/ Dents & Fissures	
75-3-02	Bldg. 75-3	" "	
75A-3-01	Bldg. 75A-3	Gypsum Wall Board	
75A-3-02	Bldg. 75A-3	Joint Compound	
76-2-01	Bldg. 76-2	Gypsum Wall Board	
76-2-02	Bldg. 76-2	Joint Compound	
76-2-03	Bldg. 76-2	Interior Window Glazing	
76-3-04	Bldg. 76-3	Gypsum Wall Board	
76-3-05	Bldg. 76-3	Joint Compound	
77-2-01	Bldg. 77-2	Interior Window Caulk	
77-2-02	↓ ↓ ↓ ↓	12x12 Floor Tile - Light Green Pattern	
77-2-03	↓ ↓ ↓ ↓	12x12 Black Mastic	
77-3-04	Bldg. 77-3	4" x 4" Ceramic Tile - Yellow	
77-3-05	Bldg. 77-3	Ceramic Tile Mastic - Yellow	
81-2-01	Bldg. 81-2	9" x 9" Floor Tile - white	
81-2-02	↓ ↓ ↓ ↓	9" x 9" Black Mastic	
81-2-03	↓ ↓ ↓ ↓	9'x9" Floor Tile - Brown	



AmeriSci New York

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

PLM Bulk Asbestos Report

HRP Associates, Inc.
Attn: Jesse Zahn
1 Fairchild Square
Suite 110
Clifton Park, NY 12065

Date Received 12/31/2024 **AmeriSci Job #** 224123059
Date Examined 01/03/25 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 4
RE: TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
75-3-1	224123059-01	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/03/25	1
Location: Bldg 75-3 - Ceiling Tile 2 x 4 White W/ Dots & Fissures Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 40%				
75-3-02	224123059-02	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/03/25	1
Location: Bldg 75-3 - Ceiling Tile 2 x 4 White W/ Dots & Fissures Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 34%				
75A-3-01	224123059-03	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	
Location: Bldg 75A-3 - Gypsum Wall Board Analyst Description: Brown/White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 20%, Non-fibrous 80%				
75A-03-02	224123059-04	Yes	1.5% (EPA 600/M4-82-020) by Bo Sun on 01/03/25	
Location: Bldg 75A-3 - Joint Compound Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 1.5% Other Material: Non-fibrous 98%				
76-2-01	224123059-05	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	
Location: Bldg 76-2 - Gypsum Wall Board Analyst Description: Brown/White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 15%, Non-fibrous 85%				
76-2-02	224123059-06	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	
Location: Bldg 76-2 - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%				

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
76-2-03	224123059-07	Yes	Inconclusive - Trace Chrysotile detected at 1% or less (NOB by EPA 600/M4-82-020) by Bo Sun on 01/03/25	2
Location: Bldg 76-2 - Interior Window Glazing				
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types: Chrysotile <0.3 % pc				
Other Material: Non-fibrous 10%				
76-3-04	224123059-08	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	
Location: Bldg 76-3 - Gypsum Wall Board				
Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Cellulose 10%, Non-fibrous 90%				
76-3-05	224123059-09	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	
Location: Bldg 76-3 - Joint Compound				
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 100%				
77-2-01	224123059-10	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/03/25	1
Location: Bldg 77-2 - Interior Window Caulk				
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 3.6%				
77-2-02	224123059-11	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/03/25	1
Location: Bldg 77-2 - 12x12 Floor Tile - Light Cream Pattern				
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 18%				
77-2-03	224123059-12	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/03/25	1
Location: Bldg 77-2 - 12x12 Black Mastic				
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 21%				
77-3-04	224123059-13	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/03/25	1
Location: Bldg 77-3 - 4" x 4" Ceramic Tile - Yellow				
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 25%				

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
77-3-05	224123059-14	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/03/25	1
Location: Bldg 77-3 - Ceramic Tile Mastic - Yellow				
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 30%				
81-2-01	224123059-15	Yes	6.8% (NOB by NYS ELAP 198.6) by Bo Sun on 01/03/25	
Location: Bldg 81-2 - 9" x 9" Floor Tile - White				
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types: Chrysotile 6.8%				
Other Material: Non-fibrous 10%				
81-2-02	224123059-16	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/03/25	1
Location: Bldg 81-2 - 9" x 9" Black Mastic				
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 8.5%				
81-2-03	224123059-17	Yes	7.9% (NOB by NYS ELAP 198.6) by Bo Sun on 01/03/25	
Location: Bldg 81-2 - 9" x 9" Floor Tile - Brown				
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types: Chrysotile 7.9%				
Other Material: Non-fibrous 19%				
81-2-04	224123059-18	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/03/25	1
Location: Bldg 81-2 - 9" x 9" Black Mastic				
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 11%				
81-2-05	224123059-19	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	
Location: Bldg 81-2 - Gypsum Wall Board				
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Cellulose 5.0%, Non-fibrous 95%				
89-1-01	224123059-20	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/03/25	
Location: Bldg 89-1 - 4" x 4" Ceramic Tile - Green				
Analyst Description: Green, Homogeneous, Non-Fibrous, Cementitious, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 100%				

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
89-1-02	224123059-21	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/03/25	1

Location: Bldg 89-1 - Ceramic Tile Mastic - Yellow
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 33%

Reporting Notes:

- (1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM
- (2) Trace <1% results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: Bo Sun



Reviewed by: Marik Peysakhov



Date: 1/3/2025

*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 Motic, Model BA310 Pol Scope, Microscope, Serial #: 1190000538, 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_____

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4
 TUR3500.BA Task 02; Iilon, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	75-3-1		0.175	26.4	32.9	40.8	NAD	NAD
Location: Bldg 75-3 - Ceiling Tile 2 x 4 White W/ Dots & Fissures								
02	75-3-02		0.205	27.7	37.8	34.5	NAD	NAD
Location: Bldg 75-3 - Ceiling Tile 2 x 4 White W/ Dots & Fissures								
03	75A-3-01		----	----	----	----	NAD	NA
Location: Bldg 75A-3 - Gypsum Wall Board								
04	75A-03-02		----	----	----	----	Chrysotile 1.5	NA
Location: Bldg 75A-3 - Joint Compound								
05	76-2-01		----	----	----	----	NAD	NA
Location: Bldg 76-2 - Gypsum Wall Board								
06	76-2-02		----	----	----	----	NAD	NA
Location: Bldg 76-2 - Joint Compound								
07	76-2-03		0.246	16.0	73.6	8.8	Chrysotile <0.3	Chrysotile 1.6
Location: Bldg 76-2 - Interior Window Glazing								
08	76-3-04		----	----	----	----	NAD	NA
Location: Bldg 76-3 - Gypsum Wall Board								
09	76-3-05		----	----	----	----	NAD	NA
Location: Bldg 76-3 - Joint Compound								
10	77-2-01		0.325	26.5	69.9	3.6	NAD	NAD
Location: Bldg 77-2 - Interior Window Caulk								
11	77-2-02		0.206	27.4	53.7	18.9	NAD	NAD
Location: Bldg 77-2 - 12x12 Floor Tile - Light Cream Pattern								
12	77-2-03		0.482	74.8	4.1	21.2	NAD	NAD
Location: Bldg 77-2 - 12x12 Black Mastic								
13	77-3-04		0.195	60.3	14.3	25.4	NAD	NAD
Location: Bldg 77-3 - 4" x 4" Ceramic Tile - Yellow								
14	77-3-05		0.267	64.4	4.9	30.7	NAD	NAD
Location: Bldg 77-3 - Ceramic Tile Mastic - Yellow								
15	81-2-01		0.272	23.0	60.1	10.1	Chrysotile 6.8	NA
Location: Bldg 81-2 - 9" x 9" Floor Tile - White								
16	81-2-02		0.261	46.0	45.5	8.5	NAD	NAD
Location: Bldg 81-2 - 9" x 9" Black Mastic								

Client Name: HRP Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

TUR3500.BA Task 02; Ilion, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	81-2-03		0.288	23.2	49.3	19.7	Chrysotile 7.9	NA
	Location: Bldg 81-2 - 9" x 9" Floor Tile - Brown							
18	81-2-04		0.249	73.9	15.0	11.1	NAD	NAD
	Location: Bldg 81-2 - 9" x 9" Black Mastic							
19	81-2-05		----	----	----	----	NAD	NA
	Location: Bldg 81-2 - Gypsum Wall Board							
20	89-1-01		----	----	----	----	NAD	NA
	Location: Bldg 89-1 - 4" x 4" Ceramic Tile - Green							
21	89-1-02		0.157	52.2	14.6	33.2	NAD	NAD
	Location: Bldg 89-1 - Ceramic Tile Mastic - Yellow							

Analyzed by: Marik Peysakhov
 Date: 1/3/2025

Reviewed by: Marik Peysakhov

**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 heterogeneous materials).



AmeriSci New York

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

PLM Bulk Asbestos Report

HRP Associates, Inc.
Attn: Jesse Zahn
1 Fairchild Square
Suite 110
Clifton Park, NY 12065

Date Received 1/2/2025 **AmeriSci Job #** 225011025
Date Examined 01/06/25 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 3
RE: TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
72 - 4 - 23	225011025-01	No	NAD (by NYS ELAP 198.1) by Valeriu Voicu on 01/06/25	<p>Location: Bldg 72 - 4 - Plaster Wall Analyst Description: Off-White, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100%</p>
72 - 4 - 24	225011025-02	No	NAD (by NYS ELAP 198.1) by Valeriu Voicu on 01/06/25	<p>Location: Bldg 72 - 4 - Plaster Wall Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%</p>
85 - 5 - 09	225011025-03	Yes	22% (by NYS ELAP 198.1) by Valeriu Voicu on 01/06/25	<p>Location: Bldg 85 Sub Basement - Transite Wall Board Analyst Description: Gray, Homogeneous, Fibrous, Cementitious, Bulk Material Asbestos Types: Chrysotile 22% Other Material: Non-fibrous 77%</p>
85 - 5 - 10	225011025-04	Yes	24% (by NYS ELAP 198.1) by Valeriu Voicu on 01/06/25	<p>Location: Bldg 85 Sub Basement - Transite Wall Board Analyst Description: Gray, Homogeneous, Fibrous, Cementitious, Bulk Material Asbestos Types: Chrysotile 24% Other Material: Non-fibrous 76%</p>
85 - 5 - 11	225011025-05	Yes	57% (by NYS ELAP 198.1) by Valeriu Voicu on 01/06/25	<p>Location: Bldg 85 Sub Basement - Pipe Insulation - Air Cell Analyst Description: Gray, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 57% Other Material: Non-fibrous 42%</p>
85 - 5 - 12	225011025-06	Yes	13% (by NYS ELAP 198.1) by Valeriu Voicu on 01/06/25	<p>Location: Bldg 85 Sub Basement - Pipe Insulation - MAG Analyst Description: White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 3.1%, Amosite 9.4% Other Material: Non-fibrous 87%</p>

See Reporting notes on last page

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
85 - 5 - 13	225011025-07	No	NAD (by NYS ELAP 198.1) by Valeriu Voicu on 01/06/25	Location: Bldg 85 Sub Basement - Plaster - Wall Analyst Description: Lt. Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%
85 - EXT - 100	225011025-08	No	NAD (by NYS ELAP 198.1) by Valeriu Voicu on 01/06/25	Location: Bldg 85 Exterior - Exterior Mortar Analyst Description: Gray/Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%
85 - EXT - 101	225011025-09	No	NAD (by NYS ELAP 198.1) by Valeriu Voicu on 01/06/25	Location: Bldg 85 Exterior - Exterior Mortar Analyst Description: Gray/Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%
86 - 4 - 10	225011025-10	Yes	21% (by NYS ELAP 198.1) by Valeriu Voicu on 01/06/25	Location: Bldg 86-4 - Tank Insulation Analyst Description: Gray/Beige, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 21% Other Material: Fibrous glass 20%, Non-fibrous 58%
86 - 4 - 11	225011025-11	Yes	5.3% (EPA 600/M4-82-020) by Valeriu Voicu on 01/06/25	Location: Bldg 86-4 - Tank Insulation Analyst Description: Gray/Beige, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 5.3% Other Material: Fibrous glass 40%, Non-fibrous 54%
86 - 4 - 12	225011025-12	Yes	2.3% (EPA 600/M4-82-020) by Valeriu Voicu on 01/06/25	Location: Bldg 86-4 - Tank Insulation Analyst Description: Beige/Gray, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 2.3% Other Material: Fibrous glass 40%, Non-fibrous 57%

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Reporting Notes:

Analyzed by: Valeriu Voicu



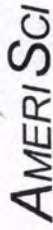
Reviewed by: John P. Koubiadis



Date: 1/6/2025

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

_____END OF REPORT_____



Date/Time: 12/31/24 15:00
 Date/Time: 1/6/25 0910
 Date/Time:
 Date/Time:

Relinquished By: [Signature]
 Received By: [Signature]
 Relinquished By:
 Received By:

AMERISCI #: #225011187
 HRP Project No: TUR3500.BA Task 02
 Project Address: Iliion, NY
 Project Manager: Jesse Zahn
 Analysis: PLM Only TEM Only NY ELAP PLM/TEM
 ASTM Dust (microvac) ASTM Dust (Wipe) Other (describe in Comments)
 Material Type: Bulk Dust
 Turnaround Time: 5 DAY TAT
 Date Sampled: 12/30/24
 Sampled By: M. Eric Dousharm
 John Reheben

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
52-2H-01	Bldg. 52H - 1st Floor	Gypsum wall - Top Layer	HA-1
52-2H-02		" " " "	"
52-2H-03		Gypsum Wall - Bottom Layer	HA 2
52-2H-04		" " " "	"
52-2H-05		Joint Compound	HA 3
52-2H-06		" " " "	"
52-2H-07		12 X 12 Floor Tile - Brown/Light Brown	HA 4
52-2H-08		" " " "	"
52-2H-09		12 X 12 Yellow Mastic	HA 5
52-2H-10		" " " "	"
52-2H-11		Black Cove Base	HA 6
52-2H-12		Brown Cove Base	"
52-2H-13		" " " "	"
52-2H-14		12 X 12 Spline Ceiling Tile	HA 7
52-2H-15		2' X 2' Ceiling Tile white/Smooth	HA 8
52-2H-16		" " " "	"
52-2H-17		2' X 2' Ceiling Tile white w/Assures	HA 9



Date/Time: 12/31/24 15:00
 Date/Time: 1/6/25 0910
 Date/Time:
 Date/Time:

Relinquished By: [Signature]
 Received By: [Signature]
 Relinquished By:
 Received By:

Company: HRP Associates, Inc. HRP Project No: TUR3500.BA Task 02
 AMERISCI # 225011187

Street Address: One Fairchild Square, Suite 110
 City: Clifton Park State: NY Zip: 12065
 Phone: 518-441-7588 Fax: 518-877-8561
 Project Address: Ilion, NY
 Project Manger: Jesse Zahn
 Analysis: PLM Only TEM Only NY ELAP PLM/TEM
 ASTM Dust (microvac) ASTM Dust (Wipe) Other (describe in Comments)
 Turnaround Time: 5 DAY TAT
 Material Type: Bulk Dust
 Water
 Date Sampled: 12/30/24

Results to: Jesse.zahn@hrpassociates.com / edoushann@comcast.net
 Sampled By: M. Eric Doushann
 Special Instructions or Comments:

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
52-24-18	Bldg. 52H 1 st Floor	2' x 2' Ceiling Tile white w/ fissures	HA 9
52-24-19	Bldg. 52H 2 nd Floor	Black Cove Base	HA 6
52-24-20		12 x 12 Spline Ceiling Tile	HA 7
52-24-21		2 x 4 Ceiling Tile white w/ fissures	HA 10
52-24-22		" "	"
52-24-23		Gypsum Wall	HA 1
52-24-24		" " " "	"
52-24-25		Joint Compound	HA 3
52-24-26		" " " "	"



AmeriSci New York

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

PLM Bulk Asbestos Report

HRP Associates, Inc.
Attn: Jesse Zahn
1 Fairchild Square
Suite 110
Clifton Park, NY 12065

Date Received 1/6/2025 **AmeriSci Job #** 225011187
Date Examined 01/07/25 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 5
RE: TUR3500.BA Task 02; Illion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
52-1H-01 1 Location: Bldg. 52H, 1st Floor - Gypsum Wall, Top Layer Analyst Description: White/Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 5.0%, Fibrous glass Trace, Non-fibrous 95%	225011187-01	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/07/25	
52-1H-02 1 Location: Bldg. 52H, 1st Floor - Gypsum Wall, Top Layer Analyst Description: White/Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 10%, Fibrous glass Trace, Non-fibrous 90%	225011187-02	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/07/25	
52-1H-03 2 Location: Bldg. 52H, 1st Floor - Gypsum Wall, Bottom Layer Analyst Description: White/Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 5.0%, Non-fibrous 95%	225011187-03	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/07/25	
52-1H-04 2 Location: Bldg. 52H, 1st Floor - Gypsum Wall, Bottom Layer Analyst Description: White/Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 5.0%, Non-fibrous 95%	225011187-04	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/07/25	
52-1H-05 3 Location: Bldg. 52H, 1st Floor - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	225011187-05	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/07/25	
52-1H-06 3 Location: Bldg. 52H, 1st Floor - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	225011187-06	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/07/25	

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Illion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
52-1H-07 4	225011187-07	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/07/25	1
Location: Bldg. 52H, 1st Floor - 12 x 12 Floor Tile, Brown / Light Brown				
Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 12%				
52-1H-08 4	225011187-08	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/07/25	1
Location: Bldg. 52H, 1st Floor - 12 x 12 Floor Tile, Brown / Light Brown				
Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 11%				
52-1H-09 5	225011187-09	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/07/25	1
Location: Bldg. 52H, 1st Floor - 12 x 12 Yellow Mastic				
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 24%				
52-1H-10 5	225011187-10	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/07/25	1
Location: Bldg. 52H, 1st Floor - 12 x 12 Yellow Mastic				
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 26%				
52-1H-11 6	225011187-11	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/07/25	1
Location: Bldg. 52H, 1st Floor - Black Cove Base				
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 1.0%				
52-1H-12 6	225011187-12	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/07/25	1
Location: Bldg. 52H, 1st Floor - Brown Cove Base				
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 2.0%				
52-1H-13 6	225011187-13	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/07/25	1
Location: Bldg. 52H, 1st Floor - Brown Cove Base				
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 0.1%				

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Illion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
52-1H-14 7	225011187-14	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/07/25	1
Location: Bldg. 52H, 1st Floor - 12 x 12 Spline Ceiling Tile				
Analyst Description: Gray/White, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 31%				
52-1H-15 8	225011187-15	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/07/25	1
Location: Bldg. 52H, 1st Floor - 2' x 2' Ceiling Tile White / Smooth				
Analyst Description: Gray/White, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 26%				
52-1H-16 8	225011187-16	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/07/25	1
Location: Bldg. 52H, 1st Floor - 2' x 2' Ceiling Tile White / Smooth				
Analyst Description: Gray/White, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 6.0%				
52-1H-17 9	225011187-17	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/07/25	1
Location: Bldg. 52H, 1st Floor - 2' x 2' Ceiling Tile White W/ Fissures				
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 28%				
52-1H-18 9	225011187-18	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/07/25	1
Location: Bldg. 52H, 1st Floor - 2' x 2' Ceiling Tile White W/ Fissures				
Analyst Description: Gray/White, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 46%				
52-2H-19 6	225011187-19	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/07/25	1
Location: Bldg. 52H, 2nd Floor - Black Cove Base				
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 0.5%				
52-2H-20 7	225011187-20	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/07/25	1
Location: Bldg. 52H, 2nd Floor - 12 x 12 Spline Ceiling Tile				
Analyst Description: Gray/White, Homogeneous, Non-Fibrous, Bulk Material				
Asbestos Types:				
Other Material: Non-fibrous 43%				

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Illion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
52-2H-21 10 Location: Bldg. 52H, 2nd Floor - 2 x 4 Ceiling Tile White W/ Fissures Analyst Description: Gray/White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 48%	225011187-21	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/07/25	1
52-2H-22 10 Location: Bldg. 52H, 2nd Floor - 2 x 4 Ceiling Tile White W/ Fissures Analyst Description: Gray/White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 51%	225011187-22	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/07/25	1
52-2H-23 1 Location: Bldg. 52H, 2nd Floor - Gypsum Wall Analyst Description: White/Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 5.0%, Non-fibrous 95%	225011187-23	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/07/25	
52-2H-24 1 Location: Bldg. 52H, 2nd Floor - Gypsum Wall Analyst Description: White/Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 5.0%, Non-fibrous 95%	225011187-24	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/07/25	
52-2H-25 3 Location: Bldg. 52H, 2nd Floor - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	225011187-25	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/07/25	
52-2H-26 3 Location: Bldg. 52H, 2nd Floor - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	225011187-26	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/07/25	

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Illion, NY

Reporting Notes:

- (1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: Emeline M. Frix



Reviewed by: Karol H. Lu



Date: 1/7/2025

*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 Motic, Model BA310 Pol Scope, Microscope, Serial #: 1190000538, 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_____

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4
 TUR3500.BA Task 02; Illion, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	52-1H-01	1	---	---	---	---	NAD	NA
	Location: Bldg. 52H, 1st Floor - Gypsum Wall, Top Layer							
02	52-1H-02	1	---	---	---	---	NAD	NA
	Location: Bldg. 52H, 1st Floor - Gypsum Wall, Top Layer							
03	52-1H-03	2	---	---	---	---	NAD	NA
	Location: Bldg. 52H, 1st Floor - Gypsum Wall, Bottom Layer							
04	52-1H-04	2	---	---	---	---	NAD	NA
	Location: Bldg. 52H, 1st Floor - Gypsum Wall, Bottom Layer							
05	52-1H-05	3	---	---	---	---	NAD	NA
	Location: Bldg. 52H, 1st Floor - Joint Compound							
06	52-1H-06	3	---	---	---	---	NAD	NA
	Location: Bldg. 52H, 1st Floor - Joint Compound							
07	52-1H-07	4	0.324	17.1	70.4	12.5	NAD	NAD
	Location: Bldg. 52H, 1st Floor - 12 x 12 Floor Tile, Brown / Light Brown							
08	52-1H-08	4	0.241	17.2	70.9	11.9	NAD	NAD
	Location: Bldg. 52H, 1st Floor - 12 x 12 Floor Tile, Brown / Light Brown							
09	52-1H-09	5	0.382	62.9	12.9	24.2	NAD	NAD
	Location: Bldg. 52H, 1st Floor - 12 x 12 Yellow Mastic							
10	52-1H-10	5	0.299	59.6	13.8	26.6	NAD	NAD
	Location: Bldg. 52H, 1st Floor - 12 x 12 Yellow Mastic							
11	52-1H-11	6	0.233	60.7	38.3	1.0	NAD	NAD
	Location: Bldg. 52H, 1st Floor - Black Cove Base							
12	52-1H-12	6	0.195	63.3	34.7	2.0	NAD	NAD
	Location: Bldg. 52H, 1st Floor - Brown Cove Base							
13	52-1H-13	6	0.200	63.5	36.4	0.1	NAD	NAD
	Location: Bldg. 52H, 1st Floor - Brown Cove Base							
14	52-1H-14	7	0.342	16.1	52.3	31.6	NAD	NAD
	Location: Bldg. 52H, 1st Floor - 12 x 12 Spline Ceiling Tile							
15	52-1H-15	8	0.231	12.7	61.3	26.0	NAD	NAD
	Location: Bldg. 52H, 1st Floor - 2' x 2' Ceiling Tile White / Smooth							
16	52-1H-16	8	0.238	12.4	81.7	6.0	NAD	NAD
	Location: Bldg. 52H, 1st Floor - 2' x 2' Ceiling Tile White / Smooth							

Client Name: HRP Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

TUR3500.BA Task 02; Illion, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	52-1H-17	9	0.126	26.8	44.7	28.5	NAD	NAD
Location: Bldg. 52H, 1st Floor - 2' x 2' Ceiling Tile White W/ Fissures								
18	52-1H-18	9	0.184	27.5	26.3	46.2	NAD	NAD
Location: Bldg. 52H, 1st Floor - 2' x 2' Ceiling Tile White W/ Fissures								
19	52-2H-19	6	0.206	62.9	36.5	0.5	NAD	NAD
Location: Bldg. 52H, 2nd Floor - Black Cove Base								
20	52-2H-20	7	0.248	16.6	39.7	43.7	NAD	NAD
Location: Bldg. 52H, 2nd Floor - 12 x 12 Spline Ceiling Tile								
21	52-2H-21	10	0.299	15.7	36.3	48.0	NAD	NAD
Location: Bldg. 52H, 2nd Floor - 2 x 4 Ceiling Tile White W/ Fissures								
22	52-2H-22	10	0.304	15.3	33.0	51.6	NAD	NAD
Location: Bldg. 52H, 2nd Floor - 2 x 4 Ceiling Tile White W/ Fissures								
23	52-2H-23	1	----	----	----	----	NAD	NA
Location: Bldg. 52H, 2nd Floor - Gypsum Wall								
24	52-2H-24	1	----	----	----	----	NAD	NA
Location: Bldg. 52H, 2nd Floor - Gypsum Wall								
25	52-2H-25	3	----	----	----	----	NAD	NA
Location: Bldg. 52H, 2nd Floor - Joint Compound								
26	52-2H-26	3	----	----	----	----	NAD	NA
Location: Bldg. 52H, 2nd Floor - Joint Compound								

Analyzed by: Khaalid W. Perine

Date: 1/8/2025



Reviewed by: Karol H. Lu



**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 heterogeneous materials).



AmeriSci New York

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

PLM Bulk Asbestos Report

HRP Associates, Inc.
Attn: Jesse Zahn
1 Fairchild Square
Suite 110
Clifton Park, NY 12065

Date Received 1/6/2025 **AmeriSci Job #** 225011188
Date Examined 01/09/25 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 2
RE: TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
47-1-13 47 Location: Bldg 47-1 - Black Foam Pipe Insulation Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	225011188-01	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/09/25	
48-1-06 48 Location: Bldg 48-1 - Black Foam Pipe Insulation Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	225011188-02	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/09/25	
48-1-07 48 Location: Bldg 48-1 - Pipe Spray Covering Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	225011188-03	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/09/25	
48-1-08 48 Location: Bldg 48-1 - Pipe Spray Covering Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	225011188-04	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/09/25	
48-1-09 48 Location: Bldg 48-1 - Pipe Spray Covering Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	225011188-05	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/09/25	
57-1-01 57 Location: Bldg 57-1 - Black Foam Pipe Insulation Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	225011188-06	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/09/25	

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
66-1-03 66 Location: Bldg 66-1 - Fitting On Fiberglass (Coupler Cover) Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 10%, Non-fibrous 90%	225011188-07	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/09/25	
66-1-04 66 Location: Bldg 66-1 - Fitting On Fiberglass (Coupler Cover) Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 5.0%, Non-fibrous 95%	225011188-08	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/09/25	
66-1-05 66 Location: Bldg 66-1 - Fitting On Fiberglass (Coupler Cover) Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 10%, Non-fibrous 90%	225011188-09	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/09/25	

Reporting Notes:

Analyzed by: Bo Sun
Date: 1/9/2025



Reviewed by: Bo Sun



*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 Motic, Model BA310 Pol Scope, Microscope, Serial #: 1190000538, 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.



AmeriSci New York

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

PLM Bulk Asbestos Report

HRP Associates, Inc.
Attn: Jesse Zahn
1 Fairchild Square
Suite 110
Clifton Park, NY 12065

Date Received 1/9/2025 **AmeriSci Job #** 225011465
Date Examined 01/13/25 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 3
RE: TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
82-1-11 1 Location: Bld. 82, 1st Floor - Duct Tape Analyst Description: White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 57% Other Material: Non-fibrous 42%	225011465-01	Yes	57% (by NYS ELAP 198.1) by Bo Sun on 01/13/25	
82-1-12 1 Location: Bld. 82, 1st Floor - Duct Tape Analyst Description: Bulk Material Asbestos Types: Other Material:	225011465-02		N/A/PS	
82-1-13 1 Location: Bld. 82, 1st Floor - Duct Tape Analyst Description: Bulk Material Asbestos Types: Other Material:	225011465-03		N/A/PS	
82-2-14 2 Location: Bld. 82, 2nd Floor Shot Latch - Gypsum Deck Analyst Description: Gray/White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 3.0%, Non-fibrous 97%	225011465-04	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/13/25	
82-2-15 2 Location: Bld. 82, 2nd Floor Shot Latch - Gypsum Deck Analyst Description: Gray/White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 4.0%, Non-fibrous 96%	225011465-05	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/13/25	
82-2-16 3 Location: Bld. 82, 2nd Floor - Plaster Ceiling Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Chrysotile <0.3 % pc Other Material: Non-fibrous 100%	225011465-06	Yes	Trace (<0.3 % pc) (EPA 600/M4-82-020) by Bo Sun on 01/13/25	

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
82-2-17 3 Location: Bld. 82, 2nd Floor - Plaster Ceiling Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Chrysotile <0.3 % pc Other Material: Non-fibrous 100%	225011465-07	Yes	Trace (<0.3 % pc) (EPA 600/M4-82-020) by Bo Sun on 01/13/25	
82-2-18 3 Location: Bld. 82, 2nd Floor - Plaster Ceiling Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Chrysotile <0.3 % pc Other Material: Non-fibrous 100%	225011465-08	Yes	Trace (<0.3 % pc) (EPA 600/M4-82-020) by Bo Sun on 01/13/25	
82-2-19 4 Location: Bld. 82, 2nd Floor Shooting Range - Insulation Board Glue Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 1.9%	225011465-09	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/13/25	1
82-2-20 4 Location: Bld. 82, 2nd Floor Shooting Range - Insulation Board Glue Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 4.0%	225011465-10	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/13/25	1
88-1-01 5 Location: Bld. 88 1st Floor - Interior Window Glazing Analyst Description: Black/Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <0.3 % pc Other Material: Non-fibrous 3.6%	225011465-11	Yes	Inconclusive - Trace Chrysotile detected at 1% or less (NOB by EPA 600/M4-82-020) by Bo Sun on 01/13/25	2
88-1-02 5 Location: Bld. 88 1st Floor - Interior Window Glazing Analyst Description: Black/Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <0.3 % pc Other Material: Non-fibrous 7.5%	225011465-12	Yes	Inconclusive - Trace Chrysotile detected at 1% or less (NOB by EPA 600/M4-82-020) by Bo Sun on 01/13/25	2

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Reporting Notes:

- (1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM
- (2) Trace <1% results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: Bo Sun



Reviewed by: Marik Peysakhov



Date: 1/13/2025

*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 Motic, Model BA310 Pol Scope, Microscope, Serial #: 1190000538, 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_____

Client Name: HRP Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

TUR3500.BA Task 02; Iilon, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	82-1-11	1	---	---	---	---	Chrysotile 57	NA
Location: Bid. 82, 1st Floor - Duct Tape								
02	82-1-12	1	---	---	---	---	NA/PS	NA
Location: Bid. 82, 1st Floor - Duct Tape								
03	82-1-13	1	---	---	---	---	NA/PS	NA
Location: Bid. 82, 1st Floor - Duct Tape								
04	82-2-14	2	---	---	---	---	NAD	NA
Location: Bid. 82, 2nd Floor Shot Latch - Gypsum Deck								
05	82-2-15	2	---	---	---	---	NAD	NA
Location: Bid. 82, 2nd Floor Shot Latch - Gypsum Deck								
06	82-2-16	3	---	---	---	---	Chrysotile <0.3	NA
Location: Bid. 82, 2nd Floor - Plaster Ceiling								
07	82-2-17	3	---	---	---	---	Chrysotile <0.3	NA
Location: Bid. 82, 2nd Floor - Plaster Ceiling								
08	82-2-18	3	---	---	---	---	Chrysotile <0.3	NA
Location: Bid. 82, 2nd Floor - Plaster Ceiling								
09	82-2-19	4	0.232	45.3	52.8	1.9	NAD	NAD
Location: Bid. 82, 2nd Floor Shooting Range - Insulation Board Glue								
10	82-2-20	4	0.253	41.8	54.2	4.0	NAD	NAD
Location: Bid. 82, 2nd Floor Shooting Range - Insulation Board Glue								
11	88-1-01	5	0.271	9.8	86.5	3.4	Chrysotile <0.3	Chrysotile <1.0
Location: Bid. 88 1st Floor - Interior Window Glazing								
12	88-1-02	5	0.461	10.9	81.6	6.0	Chrysotile <0.3	Chrysotile 1.5
Location: Bid. 88 1st Floor - Interior Window Glazing								

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

TUR3500.BA Task 02; Iilon, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
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Analyzed by: Marik Peysakhov
 Date: 1/13/2025



Reviewed by: Marik Peysakhov



**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 heterogeneous materials).

BULK SAMPLE SHEET
 117 EAST 30TH STREET
 NEW YORK, NY 10016
 TOLL FREE (800) 705-5227
 Fax (212) 679-3114



Relinquished By: [Signature] Date/Time: 1/17/25 16:00
 Received By: [Signature] Date/Time: 1/19/25 10:30
 Relinquished By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

Company: **HRP Associates, Inc.** HRP Project No: **TUR3500.BA Task 02** AMERISCI #: **#225011466**

Street Address: **One Fairchild Square, Suite 110** Project Address: **Ilion, NY**

City: **Clifton Park** State: **NY** Zip: **12065** Project Manger: **Jesse Zahn**

Phone: **518-441-7588** Fax: **518-877-8561**

Site/Secondary Fax #: _____

Analysis: PLM Only TEM Only NY ELAP PLM/TEM
 ASTM Dust (microvac) ASTM Dust (Wipe) Other (describe in Comments)

Material Type: Bulk Dust Water

Turnaround Time: **5 DAY TAT** Date Sampled: 1/17/25

Sampled By: **M. Eric Dousharm**

Results to: **Jesse.zahn@hrpassociates.com** *e.dousharm@hrp.com*

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
84-1-15	Bld. 84 1 st Floor	Pipe Insulation	
84-1-16	↓	↓	
84-1-17	↓	↓	
84-3-18	Bld. 84 3 rd Floor	12x12 Splice Ceiling Tile	
84-3-19	Bld. 84 3 rd Floor	12x12 Splice Ceiling Tile	
85-2-14	Bld. 85 2 nd Floor	Exterior Window Glazing	
85-2-15	Bld. 85 2 nd Floor	" "	
86-4-13	Bld. 86 4 th Floor	Machine Insulation	
86-4-14	↓	" "	
86-4-15	↓	" "	
86-4-16	Bld. 86 4 th Floor	Machine Gaskets	
86-4-17	" "	Machine Gaskets	



AmeriSci New York

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

PLM Bulk Asbestos Report

HRP Associates, Inc.
 Attn: Jesse Zahn
 1 Fairchild Square
 Suite 110
 Clifton Park, NY 12065

Date Received 1/9/2025 **AmeriSci Job #** 225011466
Date Examined 01/13/25 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 3
RE: TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
84-1-15 1 Location: Bld. 84, 1st Floor - Pipe Insulation Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 4.5% Other Material: Cellulose 90%, Non-fibrous 5.5%	225011466-01	Yes	4.5% (EPA 600/M4-82-020) by Bo Sun on 01/13/25	
84-1-16 1 Location: Bld. 84, 1st Floor - Pipe Insulation Analyst Description: Bulk Material Asbestos Types: Other Material:	225011466-02		N/A/PS	
84-1-17 1 Location: Bld. 84, 1st Floor - Pipe Insulation Analyst Description: Bulk Material Asbestos Types: Other Material:	225011466-03		N/A/PS	
84-3-18 2 Location: Bld. 84, 3rd Floor - 12 x 12 Spline Ceiling Tile Analyst Description: White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 17%	225011466-04	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/13/25	1
84-3-19 2 Location: Bld. 84, 3rd Floor - 12 x 12 Spline Ceiling Tile Analyst Description: White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 57%	225011466-05	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/13/25	1
85-2-14 3 Location: Bld. 85, 2nd Floor - Interior Window Glazing Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 18%	225011466-06	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/13/25	1

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
85-2-15 3 Location: Bld. 85, 2nd Floor - Interior Window Glazing Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 18%	225011466-07	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/13/25	1
86-4-13 4 Location: Bld. 85, 4th Floor - Machine Insulation Analyst Description: Gray, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 5.3% Other Material: Fibrous glass 5.0%, Non-fibrous 89%	225011466-08	Yes	5.3% (EPA 600/M4-82-020) by Bo Sun on 01/13/25	
86-4-14 4 Location: Bld. 85, 4th Floor - Machine Insulation Analyst Description: Bulk Material Asbestos Types: Other Material:	225011466-09		NA/PS	
86-4-15 4 Location: Bld. 85, 4th Floor - Machine Insulation Analyst Description: Bulk Material Asbestos Types: Other Material:	225011466-10		NA/PS	
86-4-16 5 Location: Bld. 85, 4th Floor - Machine Gaskets Analyst Description: Brown/White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 25% Other Material: Cellulose 40%, Synthetic fibers 35%	225011466-11	Yes	25% (by NYS ELAP 198.1) by Bo Sun on 01/13/25	
86-4-17 5 Location: Bld. 85, 4th Floor - Machine Gaskets Analyst Description: Bulk Material Asbestos Types: Other Material:	225011466-12		NA/PS	

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Reporting Notes:

- (1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: Bo Sun



Reviewed by: Marik Peysakhov



Date: 1/13/2025

*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 Motic, Model BA310 Pol Scope, Microscope, Serial #: 1190000538, 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_____

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4
 TUR3500.BA Task 02; Iilon, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	84-1-15	1	----	----	----	----	Chrysotile 4-5	NA
Location: Bid. 84, 1st Floor - Pipe Insulation								
02	84-1-16	1	----	----	----	----	NA/PS	NA
Location: Bid. 84, 1st Floor - Pipe Insulation								
03	84-1-17	1	----	----	----	----	NA/PS	NA
Location: Bid. 84, 1st Floor - Pipe Insulation								
04	84-3-18	2	0.207	79.2	3.2	17.5	NAD	NAD
Location: Bid. 84, 3rd Floor - 12 x 12 Spline Ceiling Tile								
05	84-3-19	2	0.139	28.4	13.9	57.8	NAD	NAD
Location: Bid. 84, 3rd Floor - 12 x 12 Spline Ceiling Tile								
06	85-2-14	3	0.337	15.7	65.7	18.6	NAD	NAD
Location: Bid. 85, 2nd Floor - Interior Window Glazing								
07	85-2-15	3	0.287	15.9	65.5	18.6	NAD	NAD
Location: Bid. 85, 2nd Floor - Interior Window Glazing								
08	86-4-13	4	----	----	----	----	Chrysotile 5.3	NA
Location: Bid. 85, 4th Floor - Machine Insulation								
09	86-4-14	4	----	----	----	----	NA/PS	NA
Location: Bid. 85, 4th Floor - Machine Insulation								
10	86-4-15	4	----	----	----	----	NA/PS	NA
Location: Bid. 85, 4th Floor - Machine Insulation								
11	86-4-16	5	----	----	----	----	Chrysotile 25	NA
Location: Bid. 85, 4th Floor - Machine Gaskets								
12	86-4-17	5	----	----	----	----	NA/PS	NA
Location: Bid. 85, 4th Floor - Machine Gaskets								

Client Name: HRP Associates, Inc.

Table I Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

TUR3500.BA Task 02; Iilon, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
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Analyzed by: Marik Peysakhov
Date: 1/13/2025



Reviewed by: Marik Peysakhov



**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 heterogeneous materials).

BULK SAMPLE SHEET
 117 EAST 30TH STREET
 NEW YORK, NY 10016
 TOLL FREE (800) 705-5227
 Fax (212) 679-3114



Relinquished By: [Signature] Date/Time: 1/7/25 16:00
 Received By: [Signature] Date/Time: 1/9/25 10:30
 Relinquished By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

AMERISCI # 225011467
 HRP Project No: TUR3500.BA Task 02

Company: HRP Associates, Inc.
 Street Address: One Fairchild Square, Suite 110
 City: Clifton Park State: NY Zip: 12065

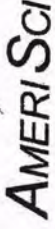
Project Address: Ilion, NY
 Project Manger: Jesse Zahn
 Analysis: PLM Only TEM Only NY ELAP PLM/TEM
 ASTM Dust (microvac) ASTM Dust (Wipe) Other (describe in Comments)

Phone: 518-441-7588 Fax: 518-877-8561
 Material Type: Bulk Water
 Turnaround Time: 5 DAY TAT
 Date Sampled: 1/6/25

Site/Secondary Fax #: _____
 Results to: Jesse.zahn@hrpassociates.com / j.dousharn@contemv.com
 Sampled By: M. Eric Dousharn

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
46-3-32	Bld. 46 3 rd Floor	Pipe Insulation	
47-1-14	Bld. 47 1 st Floor	Pipe Insulation	
47-1-15	Bld. 47 1 st Floor	Pipe Insulation	
47-4-16	Bld. 47 4 th Floor	Pipe Insulation	
48-1-10	Bld. 48 1 st Floor	Pipe Insulation	
48-4-11	Bld. 48 4 th Floor	Pipe Insulation	
51-3-9	Bld. 51 3 rd Floor	Pipe Insulation	
51-3-10	Bld. 51 3 rd Floor	Pipe Insulation	
51-3-11	Bld. 51 3 rd Floor	Pipe Insulation	
51-1-12	Bld. 51 1 st Floor	Pipe Insulation	
53-1-03	Bld. 53 3 rd Floor	Frank Insulation Pipe Jacket	
53-1-04	Bld. 53 1 st Floor	Tank Insulation	
53-1-01	Bld. 53 1 st Floor	Exhaust Pipe Insulation	
53-1-02	Bld. 53 1 st Floor	Exhaust Pipe Insulation	
54-1-01	Bld. 54 1 st Floor	Pipe Insulation	
54-1-02	Bld. 54 1 st Floor	Pipe Insulation	
60-1N-01	Bld. 60 1 st Floor	Mudded Elbow	

BULK SAMPLE SHEET
 117 EAST 30TH STREET
 NEW YORK, NY 10016
 TOLL FREE (800) 705-5227
 Fax (212) 679-3114



Date/Time: 1/9/25 16:00
 Date/Time: 1/9/25 10:30
 Date/Time:
 Date/Time:

Relinquished By: [Signature]
 Received By: [Signature]
 Relinquished By:
 Received By:

AMERISCI #: #225011467 HRP Project No: TUR3500.BA Task 02			
Project Address: Iilon, NY Project Manger: Jesse Zahn			
Analysis: <input type="checkbox"/> PLM Only <input type="checkbox"/> TEM Only <input checked="" type="checkbox"/> NY ELAP PLM/TEM <input type="checkbox"/> ASTM Dust (microvac) <input type="checkbox"/> ASTM Dust (Wipe) <input type="checkbox"/> Other (describe in Comments)			
Material Type: <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Dust <input type="checkbox"/> Water			
Turnaround Time: 5 DAY TAT Sampled By: M. Eric Dousharm Date Sampled: 1/6/25			
Results to: Jesse.zahn@hrpassociates.com / j.dousharm@pennenvt.com Special Instructions or Comments:			
Company: HRP Associates, Inc. Street Address: One Fairchild Square, Suite 110 City: Clifton Park State: NY Zip: 12065 Phone: 518-441-7588 Fax: 518-877-8561 Site/Secondary Fax #:	HRP Project No: TUR3500.BA Task 02 Project Address: Iilon, NY Project Manger: Jesse Zahn Analysis: <input type="checkbox"/> PLM Only <input type="checkbox"/> TEM Only <input checked="" type="checkbox"/> NY ELAP PLM/TEM <input type="checkbox"/> ASTM Dust (microvac) <input type="checkbox"/> ASTM Dust (Wipe) <input type="checkbox"/> Other (describe in Comments) Material Type: <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Dust <input type="checkbox"/> Water Turnaround Time: 5 DAY TAT Sampled By: M. Eric Dousharm Date Sampled: 1/6/25		
Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
60-1N-02	Bld. 60 1st floor	Pipe Insulation	
60-1S-03	Bld. 60 1st floor	Pipe Insulation	
66-1-06	Bld. 66 1st floor	Pipe Insulation	
66-2-07	Bld. 66 2nd floor	2' x 2' Ceiling Tile white / fissures	
66-2-08	Bld. 66 2nd floor	Gypsum wall	
66-2-09	Bld. 66 2nd floor	Joint compound	
66-2-10	Bld. 66 2nd floor	12 x 12 Floor Tile Tan Patterned	
66-2-11	Bld. 66 2nd floor	12 x 12 Black Mastic	
66-1-12	Bld. 66 1st floor	Black Foam Pipe Insulation - City water	
66-1-13	Bld. 66 1st floor	Black Foam Pipe Insulation - well water	
66-2-14	Bld. 66 2nd floor	2 x 2 Ceiling Tile white / fissures	
66-2-15	Bld. 66 2nd floor	Gypsum wall	
66-2-16	Bld. 66 2nd floor	Joint compound	
66-2-17	Bld. 66 2nd floor	12 x 12 Floor Tile Tan Patterned	
66-2-18	Bld. 66 2nd floor	12 x 12 Black Mastic	

**AmeriSci New York**117 EAST 30TH ST.
NEW YORK, NY 10016
TEL: (212) 679-8600 • FAX: (212) 679-3114**PLM Bulk Asbestos Report**HRP Associates, Inc.
Attn: Jesse Zahn
1 Fairchild Square
Suite 110
Clifton Park, NY 12065**Date Received** 1/9/2025 **AmeriSci Job #** 225011467
Date Examined 01/13/25 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 5
RE: TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
46-3-32 1 Location: Bld. 46 3rd Floor - Pipe Insulation Analyst Description: White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 1.5%, Amosite 2.5% Other Material: Non-fibrous 96%	225011467-01	Yes	4.0% (EPA 600/M4-82-020) by Bo Sun on 01/13/25	
47-1-14 2 Location: Bld. 47 1st Floor - Pipe Insulation Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 40% Other Material: Cellulose 40%, Non-fibrous 20%	225011467-02	Yes	40% (by NYS ELAP 198.1) by Bo Sun on 01/13/25	
47-1-15 2 Location: Bld. 47 1st Floor - Pipe Insulation Analyst Description: Bulk Material Asbestos Types: Other Material:	225011467-03		N/A/PS	
47-4-16 3 Location: Bld. 47 4th Floor - Pipe Insulation Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 36% Other Material: Cellulose 40%, Non-fibrous 23%	225011467-04	Yes	36% (by NYS ELAP 198.1) by Bo Sun on 01/13/25	
48-1-10 4 Location: Bld. 48 1st Floor - Pipe Insulation Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 6.8% Other Material: Cellulose 80%, Non-fibrous 13%	225011467-05	Yes	6.8% (EPA 600/M4-82-020) by Bo Sun on 01/13/25	
48-4-11 5 Location: Bld. 48 4th Floor - Pipe Insulation Analyst Description: White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 5.0% Other Material: Non-fibrous 95%	225011467-06	Yes	5.0% (EPA 600/M4-82-020) by Bo Sun on 01/13/25	

See Reporting notes on last page

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
51-3-9 6 Location: Bld. 51 3rd Floor - Pipe Insulation Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 20%, Fibrous glass 5.0%, Non-fibrous 75%	225011467-07	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/13/25	
51-3-10 6 Location: Bld. 51 3rd Floor - Pipe Insulation Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 10%, Fibrous glass 10%, Non-fibrous 80%	225011467-08	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/13/25	
51-3-11 6 Location: Bld. 51 3rd Floor - Pipe Insulation Analyst Description: Brown/White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 15%, Fibrous glass 5.0%, Non-fibrous 80%	225011467-09	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/13/25	
51-1-12 7 Location: Bld. 51 1st Floor - Pipe Insulation Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 16% Other Material: Cellulose 70%, Non-fibrous 14%	225011467-10	Yes	16% (by NYS ELAP 198.1) by Bo Sun on 01/13/25	
53-1-03 8 Location: Bld. 53 3rd Floor - Pipe Jacket Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 21%	225011467-11	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/13/25	1
53-1-04 8 Location: Bld. 53 1st Floor - Tank Insulation Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 5.0%, Non-fibrous 95%	225011467-12	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/13/25	
53-01-01 8 Location: Bld. 53 1st Floor - Exhaust Pipe Insulation Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 10%, Non-fibrous 90%	225011467-13	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/13/25	

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
53-1-02 8 Location: Bld. 53 1st Floor - Exhaust Pipe Insulation Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 10%, Non-fibrous 90%	225011467-14	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/13/25	
54-1-01 9 Location: Bld. 54 1st Floor - Pipe Insulation Analyst Description: Brown, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 40% Other Material: Cellulose 40%, Non-fibrous 20%	225011467-15	Yes	40% (by NYS ELAP 198.1) by Bo Sun on 01/13/25	
54-1-02 9 Location: Bld. 54 1st Floor - Pipe Insulation Analyst Description: Bulk Material Asbestos Types: Other Material:	225011467-16		NA/PS	
60-IN-01 10 Location: Bld. 60 1st Floor - Mudded Elbow Analyst Description: Brown/Gray, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 15%, Fibrous glass 5.0%, Non-fibrous 80%	225011467-17	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/13/25	
60-1N-02 11 Location: Bld. 60 1st Floor - Pipe Insulation Analyst Description: Brown/Gray, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 15%, Fibrous glass 5.0%, Non-fibrous 80%	225011467-18	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/13/25	
60-1S-03 12 Location: Bld. 60 1st Floor - Pipe Insulation Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 15%, Non-fibrous 85%	225011467-19	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/13/25	
66-1-06 13 Location: Bld. 66 1st Floor - Pipe Insulation Analyst Description: White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 4.0%, Non-fibrous 96%	225011467-20	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/13/25	

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
66-2-07 14 Location: Bld. 66 2nd Floor - 2' x 2' Ceiling Tile White / Fissures Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 45%	225011467-21	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/13/25	1
66-2-08 15 Location: Bld. 66 2nd Floor - Gypsum Wall Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 10%, Non-fibrous 90%	225011467-22	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/13/25	
66-2-09 16 Location: Bld. 66 2nd Floor - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	225011467-23	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/13/25	
66-2-10 17 Location: Bld. 66 2nd Floor - 12 x 12 Floor Tile Tan Patterned Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 3.1%	225011467-24	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/13/25	1
66-2-11 18 Location: Bld. 66 2nd Floor - 12 x 12 Black Mastic Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 2.9% Other Material: Non-fibrous 8.8%	225011467-25	Yes	2.9% (NOB by NYS ELAP 198.6) by Bo Sun on 01/13/25	
66-1-12 19 Location: Bld. 66 1st Floor - Black Foam Pipe Insulation City Water Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	225011467-26	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/13/25	
66-1-13 19 Location: Bld. 66 1st Floor - Black Foam Pipe Insulation Well Water Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100%	225011467-27	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/13/25	

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
66-2-14 20 Location: Bld. 66 2nd Floor - 2 x 2 Ceiling Tile White / Fissures Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 47%	225011467-28	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/13/25	1
66-2-15 21 Location: Bld. 66 2nd Floor - Gypsum Board Analyst Description: Brown/White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 10%, Non-fibrous 90%	225011467-29	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/13/25	
66-2-16 22 Location: Bld. 66 2nd Floor - Joint Compound Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <0.3 % pc Other Material: Non-fibrous 100%	225011467-30	Yes	Trace (<0.3 % pc) (EPA 600/M4-82-020) by Bo Sun on 01/13/25	
66-2-17 17 Location: Bld. 66 2nd Floor - 12 x 12 Floor Tile Tan Patterned Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 4.1%	225011467-31	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Bo Sun on 01/13/25	1
66-2-18 18 Location: Bld. 66 2nd Floor - 12 x 12 Black Mastic Analyst Description: Bulk Material Asbestos Types: Other Material:	225011467-32		N/A/PS	

Reporting Notes:

(1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: Bo Sun
Date: 1/13/2025



Reviewed by: Karol H. Lu



*NAD/NSD =no asbestos detected; NA =not analyzed; N/A/PS=not analyzed/positive stop, (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; PLM Bulk Asbestos Analysis using Motic, Model BA310 Pol Scope, Microscope, Serial #: 1190000538, 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_____

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4
 TUR3500.BA Task 02; Iilon, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	46-3-32	1	---	---	---	---	Chrysotile 1.5	NA
	Location: Bid. 46 3rd Floor - Pipe Insulation							
02	47-1-14	2	---	---	---	---	Amosite 2.5 Chrysotile 40	NA
	Location: Bid. 47 1st Floor - Pipe Insulation							
03	47-1-15	2	---	---	---	---	NA/PS	NA
	Location: Bid. 47 1st Floor - Pipe Insulation							
04	47-4-16	3	---	---	---	---	Chrysotile 36	NA
	Location: Bid. 47 4th Floor - Pipe Insulation							
05	48-1-10	4	---	---	---	---	Chrysotile 6.8	NA
	Location: Bid. 48 1st Floor - Pipe Insulation							
06	48-4-11	5	---	---	---	---	Chrysotile 5.0	NA
	Location: Bid. 48 4th Floor - Pipe Insulation							
07	51-3-9	6	---	---	---	---	NAD	NA
	Location: Bid. 51 3rd Floor - Pipe Insulation							
08	51-3-10	6	---	---	---	---	NAD	NA
	Location: Bid. 51 3rd Floor - Pipe Insulation							
09	51-3-11	6	---	---	---	---	NAD	NA
	Location: Bid. 51 3rd Floor - Pipe Insulation							
10	51-1-12	7	---	---	---	---	Chrysotile 16	NA
	Location: Bid. 51 1st Floor - Pipe Insulation							
11	53-1-03	8	0.229	59.3	19.2	21.5	NAD	NAD
	Location: Bid. 53 3rd Floor - Pipe Jacket							
12	53-1-04	8	---	---	---	---	NAD	NA
	Location: Bid. 53 1st Floor - Tank Insulation							
13	53-01-01	8	---	---	---	---	NAD	NA
	Location: Bid. 53 1st Floor - Exhaust Pipe Insulation							
14	53-1-02	8	---	---	---	---	NAD	NA
	Location: Bid. 53 1st Floor - Exhaust Pipe Insulation							
15	54-1-01	9	---	---	---	---	Chrysotile 40	NA
	Location: Bid. 54 1st Floor - Pipe Insulation							
16	54-1-02	9	---	---	---	---	NA/PS	NA
	Location: Bid. 54 1st Floor - Pipe Insulation							

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4
 TUR3500.BA Task 02; Iilon, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	60-IN-01	10	---	---	---	---	NAD	NA
Location: Bid. 60 1st Floor - Mudded Elbow								
18	60-1N-02	11	---	---	---	---	NAD	NA
Location: Bid. 60 1st Floor - Pipe Insulation								
19	60-1S-03	12	---	---	---	---	NAD	NA
Location: Bid. 60 1st Floor - Pipe Insulation								
20	66-1-06	13	---	---	---	---	NAD	NA
Location: Bid. 66 1st Floor - Pipe Insulation								
21	66-2-07	14	0.121	28.3	26.1	45.5	NAD	NAD
Location: Bid. 66 2nd Floor - 2' x 2' Ceiling Tile White / Fissures								
22	66-2-08	15	---	---	---	---	NAD	NA
Location: Bid. 66 2nd Floor - Gypsum Wall								
23	66-2-09	16	---	---	---	---	NAD	NA
Location: Bid. 66 2nd Floor - Joint Compound								
24	66-2-10	17	0.260	17.4	79.5	3.1	NAD	NAD
Location: Bid. 66 2nd Floor - 12 x 12 Floor Tile Tan Patterned								
25	66-2-11	18	0.116	76.3	12.0	8.8	Chrysotile 2.9	NA
Location: Bid. 66 2nd Floor - 12 x 12 Black Mastic								
26	66-1-12	19	---	---	---	---	NAD	NA
Location: Bid. 66 1st Floor - Black Foam Pipe Insulation City Water								
27	66-1-13	19	---	---	---	---	NAD	NA
Location: Bid. 66 1st Floor - Black Foam Pipe Insulation Well Water								
28	66-2-14	20	0.197	29.9	22.9	47.2	NAD	NAD
Location: Bid. 66 2nd Floor - 2 x 2 Ceiling Tile White / Fissures								
29	66-2-15	21	---	---	---	---	NAD	NA
Location: Bid. 66 2nd Floor - Gypsum Board								
30	66-2-16	22	---	---	---	---	Chrysotile <0.3	NA
Location: Bid. 66 2nd Floor - Joint Compound								
31	66-2-17	17	0.288	19.6	76.3	3.9	NAD	Chrysotile <1.0
Location: Bid. 66 2nd Floor - 12 x 12 Floor Tile Tan Patterned								
32	66-2-18	18	0.098	79.7	8.5	11.8	NA/PS	NA
Location: Bid. 66 2nd Floor - 12 x 12 Black Mastic								

Client Name: HRP Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

TUR3500.BA Task 02; Ilion, NY

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

Analyzed by: Khaalid W. Perine
 Date: 1/14/2025



Reviewed by: Karol H. Lu



**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 heterogeneous materials).

Relinquished By: Brenda Card

Date/Time: 01/08/25 1700

Received By:

Date/Time:

Relinquished By:

Date/Time:

Received By:

Date/Time:

BULK SAMPLE SHEET
117 EAST 30TH STREET
NEW YORK, NY 10016
TOLL FREE (800) 705-5227
Fax (212) 679-3114



Company: HRP Associates, Inc. HRP Project No: TUR3500.BA Task 02 AMERISCI #: #225011735

Street Address: One Fairchild Square, Suite 110 Project Address: Ilion, NY

City: Clifton Park State: NY Zip: 12065 Project Manger: Jesse Zahn

Phone: 518-441-7588 Fax: 518-877-8561 Analysis: PLM Only TEM Only NY ELAP PLM/TEM
 ASTM Dust (microvac) ASTM Dust (Wipe) Other (describe in Comments)

Site/Secondary Fax #: Turnaround Time: 5 DAY TAT Material Type: Bulk Dust Water

Results to: Jesse.zahn@hrpassociates.com Sampled By: M. Eric Dousharm Date Sampled: 01/08/25
Special Instructions or Comments: edousharm@rameenw.com

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
52-1B-12	52-1B	muddled fitting	
52-1B-13	52-1B	muddled fitting	
52-1B-14	52-1B	muddled fitting	
63-1-01	63-1	Duct tape	
72-4-26	72-4 side room	Tank Insulation	
72-4-27	72-4 side room	Tank Insulation	
72-4-28	72-4 side room	Tank Insulation	
72-2-25	72-2	Pipe Insulation	
72-4-29	72-4	Pipe Insulation	
72-4-30	72-4	Pipe Insulation	
77-1-06	77-1 Chase	Tank Insulation	
77-1-07	77-1 Chase	Tank Insulation	
77-1-08	77-1 Chase	Tank Insulation	

**AmeriSci New York**117 EAST 30TH ST.
NEW YORK, NY 10016
TEL: (212) 679-8600 • FAX: (212) 679-3114**PLM Bulk Asbestos Report**HRP Associates, Inc.
Attn: Jesse Zahn
1 Fairchild Square
Suite 110
Clifton Park, NY 12065**Date Received** 1/13/2025 **AmeriSci Job #** 225011735
Date Examined 01/17/25 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 3
RE: TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
52-1B-12 1 Location: 52-1B - Mudded Fitting Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 15%, Fibrous glass 5.0%, Non-fibrous 80%	225011735-01	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/17/25	
52-1B-13 1 Location: 52-1B - Mudded Fitting Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 10%, Fibrous glass 10%, Non-fibrous 80%	225011735-02	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/17/25	
52-1B-14 1 Location: 52-1B - Mudded Fitting Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 10%, Non-fibrous 90%	225011735-03	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/17/25	
63-1-01 2 Location: 63-1 - Duct Tape Analyst Description: White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 60%, Non-fibrous 40%	225011735-04	No	NAD (by NYS ELAP 198.1) by Bo Sun on 01/17/25	
72-4-25 3 Location: 72-4 Side Room - Tank Insulation Analyst Description: White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 8.3% Other Material: Non-fibrous 91%	225011735-05	Yes	8.3% (EPA 600/M4-82-020) by Bo Sun on 01/17/25	
72-4-27 3 Location: 72-4 Side Room - Tank Insulation Analyst Description: Bulk Material Asbestos Types: Other Material:	225011735-06		NA/PS	

See Reporting notes on last page

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
72-4-28 3 Location: 72-4 Side Room - Tank Insulation Analyst Description: Bulk Material Asbestos Types: Other Material:	225011735-07		NA/PS	
72-2-25 4 Location: 72-2 - Pipe Insulation Analyst Description: White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 2.5%, Amosite 5.8% Other Material: Non-fibrous 91%	225011735-08	Yes	8.3% (EPA 600/M4-82-020) by Bo Sun on 01/17/25	
72-4-29 3 Location: 72-4 - Pipe Insulation Analyst Description: Bulk Material Asbestos Types: Other Material:	225011735-09		NA/PS	
72-4-30 3 Location: 72-4 - Pipe Insulation Analyst Description: Bulk Material Asbestos Types: Other Material:	225011735-10		NA/PS	
77-1-06 5 Location: 77-1 Chase - Tank Insulation Analyst Description: Gray, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 20% Other Material: Non-fibrous 80%	225011735-11	Yes	20% (by NYS ELAP 198.1) by Bo Sun on 01/17/25	
77-1-07 5 Location: 77-1 Chase - Tank Insulation Analyst Description: Bulk Material Asbestos Types: Other Material:	225011735-12		NA/PS	
77-1-08 5 Location: 77-1 Chase - Tank Insulation Analyst Description: Bulk Material Asbestos Types: Other Material:	225011735-13		NA/PS	

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Reporting Notes:

Analyzed by: Bo Sun

Date: 1/17/2025



Reviewed by: Bo Sun



*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 Motic, Model BA310 Pol Scope, Microscope, Serial #: 1190000538, 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_____

APPENDIX D
Accreditations

WE ARE YOUR DOL



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

ASBESTOS HANDLING LICENSE

Rome Environmental Solutions & Testing, LLC
8041 River Road, Rome, NY, 13440

License Number: 137256

License Class: RESTRICTED

Date of Issue: 04/16/2024

Expiration Date: 04/30/2025

Duly Authorized Representative: Matthew Dousharm

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

EXCELSIOR

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



MATTHEW E DOUSHARM
CLASS(EXPIRES)
C ATEC (10/25) D INSP (10/25)
H PM (10/25) I PD (10/25)

CERT# 24-6L8PO-SHAB
DMV# 585099706

MUST BE CARRIED ON ASBESTOS PROJECTS

01213 007312025 50



01213 007312025 50

IF FOUND, RETURN TO:
NYS DOL - L&C UNIT
ROOM 161A BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12226

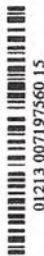
STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



BRENDA CARD
CLASS(EXPIRES)
C ATEC (03/25) D INSP (03/25)
H PM (03/25)

CERT# 24-6ZVEL-SHAB
DMV# 7219786G5


MUST BE CARRIED ON ASBESTOS PROJECTS



IF FOUND, RETURN TO:
NYSOL - L&C UNIT
ROOM 161A BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12226

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE






JOHN REHBEIN
CLASS(EXPIRES)
D INSP (12/25) C ATEC (12/25)
H PM (12/25)

CERT# 24-6TSGN-SHAB
DMV# 797960429

MUST BE CARRIED ON ASBESTOS PROJECTS

00001 100 01 000001 001 00



IF FOUND, RETURN TO:
NYSDEL - L&C UNIT
ROOM 161A BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12226

01213 007423087 19

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



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

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

*MR. CORY M. PARNELL
AMERISCI RICHMOND
13635 GENITO RD
MIDLOTHIAN, VA 23112*

NY Lab Id No: 10984

*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
Asbestos-Vermiculite-Containing Mate	Item 198.8 of Manual



Serial No.: 68665

Property of the New York State Department of Health. Certificates are valid only at the address shown and must be conspicuously posted by the laboratory. Continued accreditation depends on the laboratory's successful ongoing participation in the Program. Consumers may verify a laboratory's accreditation status online at <https://apps.health.ny.gov/pubdoh/applinks/wc/elappublicweb/>, by phone (518) 485-5570 or by email to elap@health.ny.gov.

Attachment B

Remington Arms Asbestos Survey Steam Plant

Pre-renovation/Demolition Survey for Asbestos Containing Materials

Report Date: February 25, 2025
REST Project # 24-33-010

Project Dates: January 17, 2025

Former Remington Arms – Steam Plant
14 Hoefler Ave / 11 Remington Ave
Ilion NY 13357



Prepared for:

Jesse Zahn, P.G., CHMM
HRP Associates
1 Fairfield Square, Suite 10
Clifton Park, NY 12065

Prepared by:

Rome Environmental Solutions & Testing, LLC
8041 River Road, Rome NY 13440
315-794-7946

M. Eric Dousharm / Owner
Rome Environmental Solution & Testing, LLC

2/27/2025

Date

TABLE OF CONTENTS

1.1 INTRODUCTION 3

2.1 BACKGROUND..... 3

3.1 METHODS AND ANALYSIS..... 4

4.1 LIMITATIONS 4

5.1 FINDINGS..... 5

6.1 BULK SAMPLE LOG/HOMOGENIOUS MATERIALS..... 6

APPENDICES

LABORATORY ANALYSIS RESULTSAPPENDIX A

ACCREDITATIONSAPPENDIX B

1.1 INTRODUCTION

Rome Environmental Solutions & Testing, LLC (REST) was hired under contract by the HRP Associates to perform an asbestos building pre-renovation/demolition survey for multiple structures, known as Remington Arms located at 14 Hoefler Avenue in the village of Ilion, New York. An initial site visit and walkthrough of the structures was conducted on December 12, 2024. The purpose of the site visit on January 17, 2025 was to perform testing of the steam plant located at 11 Remington Ave, Ilion NY 13357. The survey was conducted by M. Eric Dousharm (New York State Accredited Inspector, Number 24-6L8PO-SHAB). All work was completed in compliance with New York State Department of Labor 12 NYCRR Part 56, and U.S. Environmental Protection Agency (USEPA) 40 CFR 61 NESHAP Subpart M.

2.1 BACKGROUND

The facility formerly known as Remington Arms occupies two parcels identified as 120.37-5-16 and 120.37-5-8 totaling 27.87 acres. The property consists of multiple industrial buildings with one to four stories totaling approximately 980,000 square feet, surrounded by paved parking, driveway areas and village owned streets. At the time of this survey, the Property was no longer being used by Remington Arms for the design, manufacturing, testing, and distribution of Remington firearms. The facility shut down operations in March of 2024, but the plant was still occupied in very limited capacity to facilitate the moving and cleaning of the facility. Based on an inventory of buildings provided to REST, there are 44 industrial buildings that once facilitated the manufacturing of firearms. This report is specific to the building called the 'steam plant' which has a separate address located at 11 Remington Avenue, Ilion, NY.

The property at 11 Remington Ave was built in the early 1990's to facilitate the central heating of the Remington Plant. The building is approximately 4 stories tall on the outside but is open to the ceiling deck on the interior with a series of steel decked mezzanines. The building structure is steel framed with a brick façade. The building is mostly unfinished on the inside apart from a small office area, bathrooms, and storage space. The Steam Plant was constructed and operated by Indeck Energy Services, Inc. and was later sold to NRG Energy neither of which operate the plant today.

3.1 METHODS AND ANALYSIS

The purpose of the survey is to identify asbestos containing materials in the steam plant building. The inspection included limited destructive testing to determine if any materials were buried behind walls or above fixed ceilings. The inspection included all materials that were accessible during the time of the inspection. All samples were analyzed per New York State Environmental Laboratory Protocol (NYSELAP). Friable bulk samples were analyzed using the Polarized Light Microscopy (PLM) NYS ELAP Method 198.1. Non-friable organically bound samples were analyzed utilizing gravimetric reduction with PLM analysis (NYS ELAP Method 198.6) and Transmission Electron Microscopy (TEM) confirmation of all PLM negatives (NYS ELAP Method 198.4). In accordance with the New York State Department of Health as of April of 2011 all ceiling tiles that contain cellulose must be analyzed by TEM method 198.6/198.4

4.1 LIMITATIONS

This survey is not intended for the use of planning the scope, timing, phasing, and/or remediation methods on any asbestos containing materials identified herein. The Owner and/or their representatives are responsible for verifying exact quantities, types, and locations prior to any renovation or demolition work.

5.1 FINDINGS

A. Asbestos Containing Materials (ACM)

"Asbestos-containing materials" as defined by the EPA as any materials that contain more than 1% asbestos by weight: **No materials tested were greater than 1% asbestos by weight.**

B. Assumed Asbestos Materials

Materials that were either not accessible or unable to be tested are assumed to be asbestos containing. **The roofs were not tested and are assumed to be asbestos containing.**

B. Non-Asbestos Containing Materials

The following materials were either tested and found not to contain asbestos or observed not to be suspect materials:

1. fiberglass pipe jackets, 12x12 floor tiles, and lay-in ceiling tiles.
2. Materials observed and not considered to be suspect asbestos containing materials are Fiberglass insulation, electrical wire (NM Cable) is plastic coated or armor shielded, silicone caulking.

6.1 Bulk Sample Log

AmeriSci Job #: 225012755		11 Remington Ave Ilion NY		REST Project #2023-03-001	
Bulk Sample Log					
SAMPLE #	PLM RESULT	TEM	HOMO ID#	MATERIAL SAMPLED	SAMPLE LOCATION
01	NAD	NAD	001	12x12 Off White Floor Tile	Office Hall
02	NAD	NAD	001	12x12 Off White Floor Tile	Office Bathroom
03	NAD	NAD	002	2x4 Ceiling Tile	Office Hall
04	NAD	NAD	002	2x4 Ceiling Tile	Storage Room
05	NAD	NAD	003	12x12 Beige Marbled Floor Tile	Storage Room
06	NAD	NAD	003	12x12 Beige Marbled Floor Tile	Chemical Room
07	NAD	NAD	004	Fiberglass Pipe Jacket	Main Floor Open Area
08	NAD	NA	004	Fiberglass Pipe Jacket	Mezzanine
09	NAD	NA	004	Fiberglass Pipe Jacket	Pump Room

***LEGEND:**

ACM = Asbestos Containing Material – Contains Greater than 1 % asbestos by weight

Trace= Asbestos was NOT detected above the regulatory limit of 1% by weight.

NAD = No Asbestos Detected

NA/PS = Sample was not analyzed, but is grouped with another that tested positive for asbestos.

N/A = Sample was not analyzed. Either a NOB sample that tested positive under PLM, or friable sample that is not analyzed by TEM.

Asbestos Survey
Former Remington Arms/Steam Plant
Project # 24-33-010

APPENDIX A

Laboratory Analysis Results



Please Reply To:

AmeriSci New York

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

LABORATORY ELECTRONIC TRANSMITTAL

To: Jesse Zahn
HRP Associates, Inc.
Fax #:
Email: jesse.zahn@hrpassociates.com, edousharm@romeenv.com

From: Marwan A. Alahiri
AmeriSci Job #: 225012755
Subject: ELAP-PLM/TEM 5 day Results
Client Project: TUR3500.BA Task 02; Ilion, NY

Date: Friday, January 31, 2025
Time: 09:53:43

Number of Pages: _____
(including cover sheet)

Comments:

NOTE: Attached report is to be considered preliminary until final review with accompanying analysis summary letter is issued.

CONFIDENTIALITY NOTICE: Unless otherwise indicated, the information contained in this communication is confidential information intended for use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via the US Postal Service at our expense. Samples are disposed of in 60 days or unless otherwise instructed by the protocol or special instructions in writing. Thank you.

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AmeriSci New York

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

PLM Bulk Asbestos Report

HRP Associates, Inc.
Attn: Jesse Zahn
1 Fairchild Square
Suite 110
Clifton Park, NY 12065

Date Received 1/27/2025 **AmeriSci Job #** 225012755
Date Examined 01/30/25 **P.O. #** S-NY-02306
ELAP # 11480 **Page** 1 of 2
RE: TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
SP-01 001 Location: Office Hall - 12x12 Off White Floor Tile Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 12%	225012755-01	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/30/25	1
SP-02 001 Location: Office Bathroom - 12x12 Off White Floor Tile Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 10%	225012755-02	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/30/25	1
SP-03 002 Location: Office Hall - 2x4 Ceiling Tile Analyst Description: Gray/White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 39%	225012755-03	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/30/25	1
SP-04 002 Location: Storage Room - 2x4 Ceiling Tile Analyst Description: Gray/White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 40%	225012755-04	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/30/25	1
SP-05 003 Location: Storage Room - 12x12 Beige Marbled Floor Tile Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 11%	225012755-05	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/30/25	1
SP-06 003 Location: Chemical Room - 12x12 Beige Marbled Floor Tile Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 10%	225012755-06	No	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Emeline M. Frix on 01/30/25	1

See Reporting notes on last page

Client Name: HRP Associates, Inc.

PLM Bulk Asbestos Report

TUR3500.BA Task 02; Ilion, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
SP-07 004 Location: Main Floor Open Area - Fiberglass Pipe Jacket Analyst Description: White/Silver/Brown, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 60%, Fibrous glass 20%, Non-fibrous 20%	225012755-07	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/30/25	
SP-08 004 Location: Mezzanine - Fiberglass Pipe Jacket Analyst Description: White/Silver, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 60%, Non-fibrous 40%	225012755-08	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/30/25	
SP-09 004 Location: Pump Room - Fiberglass Pipe Jacket Analyst Description: White/Silver, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 60%, Fibrous glass 20%, Non-fibrous 20%	225012755-09	No	NAD (by NYS ELAP 198.1) by Emeline M. Frix on 01/30/25	

Reporting Notes:

(1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: Emeline M. Frix
Date: 1/30/2025



Reviewed by: Karol H. Lu



*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 Motic, Model BA310 Pol Scope, Microscope, Serial #: 1190000538, 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_____

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

TUR3500.BA Task 02; Ilion, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	SP-01	001	0.216	18.6	68.8	12.6	NAD	NAD
Location: Office Hall - 12x12 Off White Floor Tile								
02	SP-02	001	0.220	20.5	69.2	10.3	NAD	NAD
Location: Office Bathroom - 12x12 Off White Floor Tile								
03	SP-03	002	0.129	29.0	31.8	39.2	NAD	NAD
Location: Office Hall - 2x4 Ceiling Tile								
04	SP-04	002	0.163	29.1	30.3	40.7	NAD	NAD
Location: Storage Room - 2x4 Ceiling Tile								
05	SP-05	003	0.256	18.0	70.6	11.4	NAD	NAD
Location: Storage Room - 12x12 Beige Marbled Floor Tile								
06	SP-06	003	0.197	18.6	70.6	10.7	NAD	NAD
Location: Chemical Room - 12x12 Beige Marbled Floor Tile								
07	SP-07	004	----	----	----	----	NAD	NA
Location: Main Floor Open Area - Fiberglass Pipe Jacket								
08	SP-08	004	----	----	----	----	NAD	NA
Location: Mezzanine - Fiberglass Pipe Jacket								
09	SP-09	004	----	----	----	----	NAD	NA
Location: Pump Room - Fiberglass Pipe Jacket								

Analyzed by: Marwan A. Alahiri

Date: 1/30/2025



Reviewed by: Karol H. Lu



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

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

APPENDIX B
Accreditations

WE ARE YOUR DOL



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

ASBESTOS HANDLING LICENSE

Rome Environmental Solutions & Testing, LLC
8041 River Road, Rome, NY, 13440

License Number: 137256

License Class: RESTRICTED

Date of Issue: 04/16/2024

Expiration Date: 04/30/2025

Duly Authorized Representative: Matthew Dousharm

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

EXCELSIOR

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



MATTHEW E DOUSHARM
CLASS(EXPIRES)
C ATEC (10/25) D INSP (10/25)
H PM (10/25) I PD (10/25)

CERT# 24-6L8PO-SHAB
DMV# 585099706

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



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

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

*MR. CORY M. PARNELL
AMERISCI RICHMOND
13635 GENITO RD
MIDLOTHIAN, VA 23112*

NY Lab Id No: 10984

*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
Asbestos-Vermiculite-Containing Mate	Item 198.8 of Manual



Serial No.: 68665

Property of the New York State Department of Health. Certificates are valid only at the address shown and must be conspicuously posted by the laboratory. Continued accreditation depends on the laboratory's successful ongoing participation in the Program. Consumers may verify a laboratory's accreditation status online at <https://apps.health.ny.gov/pubdoh/applinks/wc/elappublicweb/>, by phone (518) 485-5570 or by email to elap@health.ny.gov.

Attachment C

Roofing Information from Carlisle

Job: Job Number ↑	Job Name	Address	City	State	Owner Name	Installation Completion Date	Warranty Start Date	System Warranty Expiration Date	System Warranty Term	Roof Status	Existing Roof Thickness
006483	REM ARMS BLDG #76	14 HOEFLER AVE	ILION	NY		10/1/1985	10/1/1985	9/30/1995	10		
Subtotal											
006485	REM ARMS BLDG #46	14 HOEFLER AVE	ILION	NY		11/1/1985	11/1/1985	10/31/1995	10	RE-ROOF / NO TEAR OFF	
Subtotal											
00D848	REMINGTON ARMS BLDG 53, 54, 47	14 HOEFLER AVE	ILION	NY	E I DUPONT DE NEMOURS	11/23/1987	11/23/1987	11/22/1997	10		
	REMINGTON ARMS BLDG 53, 54, 47	14 HOEFLER AVE	ILION	NY	E I DUPONT DE NEMOURS	11/23/1987	11/23/1987	11/22/1997	10		
Subtotal											
00G608	REMINGTON ARMS BLDG 63 & 87	14 HOEFLER AVE	ILION	NY	REMINGTON ARMS	6/8/1988	6/8/1988	6/7/1998	10		
	REMINGTON ARMS BLDG 63 & 87	14 HOEFLER AVE	ILION	NY	REMINGTON ARMS	6/8/1988	6/8/1988	6/7/1998	10		
Subtotal											
00H232	REMINGTON ARMS BLDG 78-80	14 HOEFLER AVE	ILION	NY	SAME	9/3/1988	9/3/1988	9/2/1998	10		
	REMINGTON ARMS BLDG 78-80	14 HOEFLER AVE	ILION	NY	SAME	9/3/1988	9/3/1988	9/2/1998	10		
Subtotal											
00H233	REMINGTON ARMS BLDG 56, 82	14 HOEFLER AVE	ILION	NY	REMINGTON ARMS	9/2/1988	9/2/1988	9/1/1998	10		
Subtotal											
023980239	REMINGTON ARMS - BUILDING #83	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS	7/27/1998	7/30/1998	7/29/2008	10	RE-ROOF / TEAR OFF	
Subtotal											
046960228	REMINGTON ARMS BUILDING #74	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS	10/8/1996	4/16/1997	4/7/2007	10	RE-ROOF / TEAR OFF	
Subtotal											
046960229	REMINGTON ARMS BLDG. #52 SECT. A, F, G	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS	10/7/1996	10/31/1996	10/30/2006	10	RE-ROOF / TEAR OFF	
Subtotal											
078830246	DRUM STORAGE BUILDING	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS CO. INC.	11/30/1983	12/15/1983	12/14/1993	10	NEW CONSTRUCTION ROOF	
Subtotal											
078920181	REMINGTON ARMS- BLDG 72,46-84,50	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS COMPANY	8/13/1992	10/20/1992	10/19/2007	15	RE-ROOF / TEAR OFF	
	REMINGTON ARMS- BLDG 72,46-84,50	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS COMPANY	8/13/1992	10/20/1992	10/19/2007	15	RE-ROOF / TEAR OFF	
	REMINGTON ARMS- BLDG 72,46-84,50	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS COMPANY	8/13/1992	10/20/1992	10/19/2007	15	RE-ROOF / TEAR OFF	
Subtotal											
078950059	REMINGTON ARMS - BLDG. #82 TEST AREA	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS	7/7/1995	10/2/1995	10/1/2005	10	RE-ROOF / TEAR OFF	
	REMINGTON ARMS - BLDG. #82 TEST AREA	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS	7/7/1995	10/2/1995	10/1/2005	10	RE-ROOF / TEAR OFF	

Job: Job Number ↑	Job Name	Address	City	State	Owner Name	Installation Completion Date	Warranty Start Date	System Warranty Expiration Date	System Warranty Term	Roof Status	Existing Roof Thickness
	REMINGTON ARMS - BLDG. #82 TEST AREA	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS	7/7/1995	10/2/1995	10/1/2005	10	RE-ROOF / TEAR OFF	
	REMINGTON ARMS - BLDG. #82 TEST AREA	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS	7/7/1995	10/2/1995	10/1/2005	10	RE-ROOF / TEAR OFF	
Subtotal											
093980016	REMINGTON ARMS CO.-BUILDING 57	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS COMPANY	8/7/1998	9/15/1998	9/14/2013	15	RE-ROOF / TEAR OFF	
Subtotal											
1001251	REMINGTON ARMS BUILDING 48 & 52-B	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS CO. INC.	9/7/2006	9/19/2006	9/18/2026	20	RE-ROOF / TEAR OFF	
Subtotal											
1010123	BUILDING 81 - REMINGTON ARMS COMPANY, INCORPORATED	14 HOEFLER AVENUEILION PLANT	ILION	NY	GUY SCRAM	10/30/2006	12/20/2006	12/19/2021	15	RE-ROOF / NO TEAR OFF	2.5
Subtotal											
1022829	REMINGTON ARMS COMPANY, INCORPORATED BUILDING # 85	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS COMPANY, INCORPORATED	8/3/2007	8/29/2007	8/28/2017	10	RE-ROOF / NO TEAR OFF	1
Subtotal											
1022831	REMINGTON ARMS BUILDING COMPANY, INCORPORATED BUILDING 52 C,D,E, AND STAIRWELLS	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS BUILDING COMPANY, INCORPORATED	8/3/2007	8/29/2007	8/28/2027	20	RE-ROOF / TEAR OFF	
Subtotal											
1022841	REMINGTON ARMS COMPANY, INCORPORATED BUILDING #61	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS COMPANY, INCORPORATED	8/3/2007	8/24/2007	8/23/2027	20	RE-ROOF / TEAR OFF	
Subtotal											
1022845	REMINGTON ARMS COMPANY INCORPORATED BUILDING # 86 DOCK	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS COMPANY INCORPORATED	8/3/2007	8/24/2007	8/23/2027	20	RE-ROOF / TEAR OFF	
Subtotal											
1076837	REMINGTON ARMS BUILDING 78/80	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS COMPANY INC. - ILION PLANT	7/27/2010	7/28/2010	7/27/2030	20	RE-ROOF / TEAR OFF	
Subtotal											
1076839	REMINGTON ARMS BUILDING 50	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS COMPANY INC. - ILION PLANT	8/23/2010	8/24/2010	8/23/2030	20	RE-ROOF / TEAR OFF	
Subtotal											

Job: Job Number ↑	Job Name	Address	City	State	Owner Name	Installation Completion Date	Warranty Start Date	System Warranty Expiration Date	System Warranty Term	Roof Status	Existing Roof Thickness
1093601	REMINGTON ARMS BUILDING 77	14 HOEFLER	ILION	NY	REMINGTON ARMS CO	7/19/2011	7/25/2011	7/24/2026	15	RE-ROOF / TEAR OFF	
Subtotal											
1132092	REMINGTON ARMS BUILDINGS 76 & 66	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS CO., LLC / ILION PLANT	10/14/2013	10/17/2013	10/16/2033	20	RE-ROOF / TEAR OFF	
	REMINGTON ARMS BUILDINGS 76 & 66	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS CO., LLC / ILION PLANT	10/14/2013	10/17/2013	10/16/2033	20	MEMBRANE REMOVAL ONLY	2.5
Subtotal											
1221375	REMINGTON ARMS BUILDING 60	14 HOEFLER AVE	ILION	NY	REMINGTON ARMS COMPANY, LLC	7/21/2017	7/24/2017	7/23/2037	20	RE-ROOF / TEAR OFF	
Subtotal											
1256032	REMINGTON ARMS BLDG 89	14 HOEFLER AVE	ILION	NY	REMINGTON ARMS COMPANY	11/25/2018	11/27/2018	11/26/2033	15	RE-ROOF / TEAR OFF	
Subtotal											
1272368	REMINGTON ARMS BUILDING 58/60	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS CO, LLC	7/12/2019	7/15/2019	7/14/2039	20	RE-ROOF / TEAR OFF	
Subtotal											
275050033	REMINGTON ARMS 76A,86,52-1A,52-H	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS CO., INC.	6/30/2005	7/8/2005	7/7/2025	20	RE-ROOF / TEAR OFF	
	REMINGTON ARMS 76A,86,52-1A,52-H	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS CO., INC.	6/30/2005	7/8/2005	7/7/2025	20	RE-ROOF / TEAR OFF	
	REMINGTON ARMS 76A,86,52-1A,52-H	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS CO., INC.	6/30/2005	7/8/2005	7/7/2025	20	RE-ROOF / TEAR OFF	
	REMINGTON ARMS 76A,86,52-1A,52-H	14 HOEFLER AVENUE	ILION	NY	REMINGTON ARMS CO., INC.	6/30/2005	7/8/2005	7/7/2025	20	RE-ROOF / TEAR OFF	
Subtotal											
276050199	REMINGTON ARMS CO..INC. PUMPHOUSE	14 HOEFLER AVENUE	ILION	NY	GUY SCRAM	8/2/2005	9/30/2005	9/29/2020	15	NEW CONSTRUCTION ROOF	

Attachment D

Limitations on Work

All work product and reports provided by HRP in connection with the performance of any phase of Environmental Site Assessments, and any services related to remedial and post-remedial action, including all **work performed under HRP's Terms & Conditions** and any follow-up work is subject to the following limitations.

- The observations described in the Project Report(s) are made under the stated conditions. The conclusions presented in the Report(s) are based solely upon the indicated services, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by the Client.
- In preparing Project Reports, HRP relies on certain representations made and information provided by federal, state and local officials, the Client and other parties referenced in the Project Reports, and on information contained in the files of federal, state and/or local agencies made available to HRP, at the time of the Project. To the extent that such information and files are missing, incomplete or not provided to HRP, HRP is not responsible. Although there may be some degree of overlap in the information provided by these various sources, HRP does not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of the Project. If the Client determines that information provided or made available to HRP from any source is incorrect or inaccurate, the Client should promptly notify HRP, whereupon HRP will issue a corrected Project Report.
- Observations are made of the site and of structures on the site as indicated within the Project Report(s). Where access to portions of the site or to structures on the site is unavailable or limited, HRP renders no opinion as to the presence of potential contamination by hazardous substances, wastes or petroleum and chemical products and wastes. In addition, HRP renders no opinion as to the presence of indirect evidence relating to potential contamination by hazardous substances, wastes or petroleum and chemical products or wastes where direct observation of the interior walls, floors, or ceilings of a structure on a site is obstructed by objects or coverings on or over these surfaces.
- Unless otherwise specified in the Project Report(s), HRP does not perform testing or analyses to determine the presence or concentration of asbestos or polychlorinated biphenyls (PCBs), lead paint, urea formaldehyde foam insulation (UFFI), wetlands, regulatory compliance, cultural and historical risks, industrial hygiene, health & safety, ecological resources, endangered species, indoor air quality, high voltage power lines, or radon at the site or in the environment of the site.
- The purpose of the Project Report(s) is to assess the physical characteristics of the subject site with respect to the potential presence in the site soil, ground water or surface water environment of contamination by hazardous substances, hazardous waste or petroleum and chemical products and wastes. HRP has not confirmed the compliance of present or past owners or operators of the site with federal, state, or local laws and regulations, environmental or otherwise.
- If sampling is included in the scope of the Project, the conclusions and recommendations contained in the Project Report(s) are based in part upon the data obtained from a limited number of soil, ground water, or surface water samples obtained from widely spaced surface or subsurface explorations. The nature and extent of variations between these locations may not become evident until further exploration. If variations or other latent conditions then appear evident, it will be necessary to re-evaluate the conclusions and recommendations of the Project Report(s).
- If water level readings are made in test pits, borings, and/or observation wells; these observations are made at the times and under the conditions stated on the test pit or boring logs or in the Project Report(s). However, it must be noted that fluctuations in the level of ground water may occur due to variations in rainfall, passage of time and other factors. Should additional data become available in the future, these data may alter the basis of conclusions and recommendations presented in the Project Report(s).

- If the conclusions and recommendations contained in the Project Report(s) are based, in part, upon various types of chemical analyses, then the conclusions and recommendations are contingent upon the validity of such data. The analyses are performed for specific parameters and additional chemical constituents not searched for during the current study may be present in soil, ground water, or surface water at the site. Where such analyses have been conducted by an outside laboratory, HRP has relied upon the data provided, and has not conducted an independent evaluation of the reliability of these tests. The data (if obtained) are reviewed and interpretations made in the Project Report(s). If indicated within the Project Report(s), some of these data may be preliminary "screening" level data and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, these data may alter the basis of the conclusions and recommendations presented in the Project Report(s).
- It is recommended that HRP be retained to provide further hydrogeologic and engineering services during the conduct of further exploration or the construction and/or implementation of any remedial measures recommended in HRP's Project Report(s). This is to allow HRP and the Client to observe consistency with the concepts and recommendations contained therein, and to allow the development of changes to the remedial program in the event that subsurface conditions or other conditions differ from those anticipated.
- The services provided by HRP do not include legal advice. Legal counsel should be consulted regarding interpretation of relevant federal, state and local laws
- Roofing material was not sampled due to the presence of snow and ice during the survey period. However, information regarding roof replacement projects for the site was provided by Carlisle Construction Materials and is included as Attachment C. Roofing materials shall be consider suspect ACM until surveyed and tested.
- The piping located in the yard between buildings is believed to be mostly insulated with fiberglass and was inaccessible due to elevation of pipes and excessive snow on the ground.
- Suspect materials such as thermal system insulation were reported to be present in steam and/or hot water lines below floor slabs in crawl spaces, utility tunnels, and other recessed and inaccessible areas; these materials and other materials are assumed to be ACM.
- Some areas described above were not accessible at the time of the survey including but not limited to electrical rooms/vaults, pipe tunnels, chases.
- The surveys are not intended for the use of planning the scope, timing, phasing, and/or remediation methods on any asbestos containing materials identified.