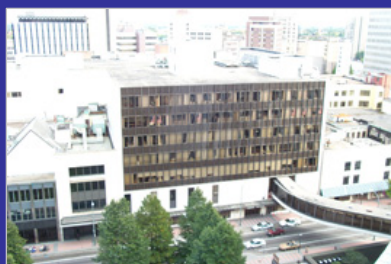


Pre-Demolition Asbestos Survey Report  
for  
The B. Forman Building  
of  
Midtown Plaza Complex  
Rochester, New York



*Prepared for:*



Upstate Empire State Development Corp.  
400 Andrews Street, Suite 100  
Rochester, New York 14604

*Prepared by:*



***LiRo Engineers, Inc.***

690 Delaware Avenue  
Buffalo, New York 14209

FINAL  
December 17, 2008



# ***Report of Asbestos Survey Services***

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## **Appendices**

Appendix A: Bulk Sample Field Data Sheets with Chain of Custody & Laboratory Results

Appendix B: Laboratory Accreditations and Personnel Certifications

Appendix C: Bulk Sample Location Drawings

Appendix D: Photographic Log



# *Report of Asbestos Survey Services*

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## **1.0 EXECUTIVE SUMMARY**

LiRo Engineers, Inc. was retained to prepare an asbestos survey for pre-demolition purposes at the B. Forman Building (vacant former department store/commercial office building and addition). The B. Forman Building consists of a basement and 6 floors totaling approximately 198,500 square feet of floor space. JMD Environmental, Inc. conducted the field sampling on behalf of LiRo and collaborated with LiRo in preparation of this asbestos survey report. Field work related to the survey was conducted during May and August 2008. Supplemental sampling was conducted during November and December 2008. In total, two hundred and fourteen (214) samples were collected for asbestos analysis from the area. Samples were analyzed by EMSL Analytical (Job # 81-21-104) or AmeriSci Richmond (Job #108051631). Analytical results are included in Appendix A of this report. This report represents Site conditions as of December 2008.

Figure 1 illustrates the location of the B. Forman Building in relation to the rest of the Midtown Plaza.

The purpose of the survey was to determine the presence, location and condition of asbestos containing materials (ACM) within the described scope of work at the above referenced location. This survey includes the following:

- Identification of suspect asbestos containing materials.
- Sampling and analysis of suspect materials.
- Identification of the location, approximate quantity, friability and condition of confirmed asbestos containing materials.

Analytical results of bulk samples collected indicate the following materials **contain asbestos** (greater than 1-percent).

- Pipe insulation – 5,490 LF
- Fittings on fiberglass – 260 fittings
- Duct insulation – 3,700 SF
- Tar coated duct insulation – 500 SF
- Ceiling systems – 70,300 SF
- Floor tile/mastic – 70,850 SF
- Tank Insulation – 200 SF
- Mirror mastic – 3,200 SF
- Fire doors – 62 doors
- Black mastic on drywall walls – 8,900 SF
- Duct/conduit caulk – 1,700 SF
- Light fixtures – 470 fixtures
- Tar on perimeter walls – 41,940 SF
- Windows with ACM – 33 windows
- Roofing – 5,200 SF
- Roof flashing – 4,900 LF
- Roof vents – 8 vents
- Elevator components – 5 each



## ***Report of Asbestos Survey Services***

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### **2.0 FIELD SURVEY PROCEDURES AND SAMPLE ANALYSIS METHODS**

Guidelines used for the inspection were established by the Environmental Protection Agency (EPA) in the Guidance for Controlling Asbestos Containing Materials in Buildings, Office of Pesticides and Toxic Substances, Doc 560/5-85-024, and 40 CFR Part 763, Asbestos Hazard Emergency Response Act (AHERA).

Field information was organized in accordance with the AHERA methodology of homogenous area (HA). During the survey, reasonable effort was made to identify all locations and types of ACM associated with the scope of work. Sampling has included multiple samples of the same materials chosen at random. However, due to inconsistencies of a manufacturer's processes and the contractor's installation methods, materials of similar construction may contain various amounts of asbestos. Furthermore, some materials that were not originally specified to contain asbestos may in fact contain this mineral. For example, cementitious pipe insulation and plaster were frequently mixed with asbestos at the construction site for ease of application. Locating all asbestos materials can only be definitively achieved by conducting exploratory demolition and sampling every section of pipe insulation, fitting or valve covering, fireproofing, and other suspect ACM.

Bulk samples of suspect ACM were analyzed using polarized light microscopy (PLM) coupled with dispersion staining, as described in 40 CFR Part 763 and the National Emissions Standard for Hazardous Air Pollutants (NESHAPS). NESHAPS is the standard industry protocol for the determination of asbestos in building materials. A suspect material is immersed in a solution of known refractive index and subjected to illumination by polarized light. The color displays that result are compared to a standardized atlas whereby the specific variety of asbestos is determined. It should also be recognized that PLM is primarily a qualitative identification method whereby asbestos percentage, if any, is estimated. While EPA and New York State regulations governing ACM consider materials containing greater than 1-percent as asbestos, accurately quantifying asbestos content below 5-percent has been shown to be unreliable.

The New York State Department of Health has revised the PLM Stratified Point Counting Method. The new method, "Polarized Light Microscopy Methods for Identifying and Quantifying Asbestos in Bulk Samples" can be found as item 198.1 in the Environmental Laboratory Approval program (ELAP) Certification manual. The method specifies a procedure of analysis for bulk samples that fall into the category of "Non-friable Organically Bound" (NOB). This category includes any sample in a flexible to rigid asphalt or vinyl matrix (floor tiles, mastic, roofing shingles, roofing felt, etc.). Additional materials that may fall into this category are textured paints and stucco, pipe valve and joint packing, and a variety of other applications. These samples must be "ashed" in a muffle furnace at 480-degrees Celsius (to remove organic matrix), treated with acid (to remove any mineral carbonate), and filtered through a 0.4-micron filter before being analyzed by PLM. The sample must be weighted between each of these steps to track the percent loss of organic matrix.

ELAP has determined that analysis of NOB materials is not reliably performed by PLM. Therefore, if PLM yields results of 1-percent asbestos or less, the result must be confirmed by TEM. Bulk





## ***Report of Asbestos Survey Services***

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samples that undergo TEM analysis use the sample reduction methodology stated above for NOB analysis by PLM. ELAP certified laboratories must include the following statement with their PLM analysis results for each “negative” (1-percent or less asbestos) NOB sample: "Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Before this material can be considered or treated as non-ACM, confirmation must be made by quantitative transmission electron microscopy".

All samples were initially analyzed by Polarized Light Microscopy. Samples which yielded a negative PLM result and which are classified as a "non-friable" material, were then re-analyzed utilizing Transmission Electron Microscopy methodology described above. Sample analysis was performed by Amerisci Richmond located at 13635 Genito Road, Midlothian, Virginia and EMSL Analytical, Inc. located at 490 Rowley Road, Depew, New York. Laboratory accreditations are listed below:

### Amerisci Richmond

- National Voluntary Laboratory Accreditation Program (Lab Code 101904-0)
- New York State Environmental Laboratory Approval Program (Lab ID No. 10984)

### EMSL Analytical

- National Voluntary Laboratory Accreditation Program (Lab Code 200056-0)
- New York State Environmental Laboratory Approval Program (Lab ID No. 11606)



## Report of Asbestos Survey Services

### 3.0 INSPECTION SCOPE AND MATERIAL ASSESSMENT RESULTS

The intent of this survey was to locate and identify asbestos containing materials located throughout the building in order to schedule its removal in anticipation of site demolition.

The following suspect materials were sampled and analyzed for asbestos content. Materials listed in **BOLD PRINT** were determined to be asbestos containing. Analytical data is included in Appendix A of this report. Sample locations are illustrated on the bulk sample location figures included as Appendix C of this report. A photographic log is included as Appendix D.

Homogeneous Material	Sample #'s	Reference Figure	ACM	Friability
<b>12x12 Green/Slate floor tile + mastic</b>	<b>FM-01, 02</b>	<b>BSL-7</b>	Y	<b>Non-friable</b>
Gray linoleum	FM-03, 04	BSL-7	N	-
<b>Mastic on metal wall studs/drywall</b>	<b>FM-05, 06</b>	<b>BSL-6,7</b>	Y	<b>Non-friable</b>
Maroon duct sealant caulk	FM-07, 08	BSL-6,7	N	-
Ceramic tile grout	FM-09, 10	BSL-7	N	-
<b>Duct / conduit caulk</b>	<b>FM-11, 12</b>	<b>BSL-7</b>	Y	<b>Non-friable</b>
Interior window partition caulk	FM-13, 14	BSL-7	N	-
2x2 Ceiling tile (1)	FM-15, 16	BSL-6,7	N	-
2x2 Ceiling tile (2)	FM-17, 18	BSL-6,7	N	-
Drywall Compound	FM-19, 20, 21	BSL-7	N	-
Drywall compound	FM-22, 23, 24	BSL-6	N	-
Tar paper under flooring	FM-25, 26	BSL-7	N	-
12x12 Pink floor tile + mastic	FM-27, 28	BSL-7	N	-
Floor leveler	FM-29, 30	BSL-7	N	-
12x12 Blue floor tile + mastic	FM-31, 32	BSL-6	N	-
Plaster	FM-33 - 39	BSL-6,7	N	-
1x1 Ceiling tile mastic	FM-40, 41	BSL-6	N	-
Exterior plaster	FM-42, 43, 44, 45, 46	BSL-6	N	-
<b>Window caulk</b>	<b>FM-47, 48</b>	<b>BSL-6</b>	Y	<b>Non-friable</b>
Ceramic tile flooring + vapor barrier	FM-49, 50	BSL-6	N	-
Floor tar/vapor barrier/waterproof membrane	FM-51, 52	BSL-6	N	-
<b>9x9 Gray floor tile + mastic</b>	<b>FM-53, 54</b>	<b>BSL-5</b>	Y	<b>Non-friable</b>
Tar paper under 12x12 floor tile	FM-55, 56	BSL-5	N	-
Drywall compound	FM-57, 58, 59	BSL-5	N	-



## Report of Asbestos Survey Services

Homogeneous Material	Sample #'s	Reference Figure	ACM	Friability
Drywall compound	FM-60, 61, 62	BSL-5	N	-
Spray-on Fireproofing	FM-63, 64, 65	BSL-5	N	-
<b>9x9 Blue floor tile + mastic</b>	<b>FM-66, 67</b>	<b>BSL-1</b>	<b>Y</b>	<b>Non-friable</b>
<b>9x9 Green floor tile + mastic</b>	<b>FM-68, 69</b>	<b>BSL-1</b>	<b>Y</b>	<b>Non-friable</b>
12x12 Blue floor tile + mastic	FM-70, 71	BSL-1	N	-
<b>Mirror mastic</b>	<b>FM-72, 73</b>	<b>BSL-1</b>	<b>Y</b>	<b>Non-friable</b>
Spray-on Fireproofing	FM-74, 75, 76, 77, 78	BSL-1	N	-
Cork/tar pipe insulation	FM-79, 80, 81	BSL-1	N	-
Residual mastic on duct work	FM-82, 83	BSL-1	N	-
<b>Cork/Tar duct insulation</b>	<b>FM-84, 85, 86</b>	<b>BSL-1</b>	<b>Y</b>	<b>Friable</b>
<b>Duct insulation</b>	<b>FM-87, 88, 89</b>	<b>BSL-1</b>	<b>Y</b>	<b>Friable</b>
Rough coat plaster (walls/beams)	FM-90, 91, 92	BSL-1	N	-
Drywall compound	FM-93, 94, 95	BSL-1	N	-
Electrical panel boards	FM-96, 97	BSL-1	N	-
<b>Tank Insulation</b>	<b>FM-98, 99, 100</b>	<b>BSL-1</b>	<b>Y</b>	<b>Friable</b>
Plaster	FM-101 – 107	BSL-1	N	-
<b>Mirror mastic</b>	<b>FM-108, 109</b>	<b>BSL-3</b>	<b>Y</b>	<b>Non-friable</b>
Tar paper under wood floor	FM-110, 111	BSL-3	N	-
1x1 Ceiling tile mastic	FM-112, 113	BSL-1	N	-
<b>12x12 Red floor tile + mastic</b>	<b>FM-114, 115</b>	<b>BSL-4</b>	<b>Y</b>	<b>Non-friable</b>
<b>Tar wrap on fiberglass pipe insulation</b>	<b>FM-116, 117</b>	<b>BSL-3</b>	<b>Y</b>	<b>Non-friable</b>
<b>Tar coated duct work</b>	<b>FM-118, 119</b>	<b>BSL-5</b>	<b>Y</b>	<b>Non-friable</b>
<b>Duct insulation</b>	<b>FM-120, 121</b>	<b>BSL-5</b>	<b>Y</b>	<b>Friable</b>
Rough plaster inside light fixtures	FM-121, 122	BSL-4	N	-
Bathroom caulk	FM-123, 124	BSL-4,5	N	-
Drywall compound	FM-125, 126, 127	BSL-4	N	-
Drywall compound	FM-128, 129, 130	BSL-3	N	-
Plaster	FM-131-137	BSL-4,5	N	-
Plaster	FM-138-144	BSL-2,3	N	-
Exterior Caulk – marble to sidewalk	ME-10	BSL-2	N	-
<b>Exterior overhang plaster</b>	<b>MM-157, 158</b>	<b>BSL-2</b>	<b>Y</b>	<b>Friable</b>
<b>Roof field (Building A)</b>	<b>FM-145, 146</b>	<b>BSL-8</b>	<b>Y</b>	<b>Non-friable</b>



## ***Report of Asbestos Survey Services***

<b>Homogeneous Material</b>	<b>Sample #'s</b>	<b>Reference Figure</b>	<b>ACM</b>	<b>Friability</b>
<b>Flashing (Building A)</b>	<b>FM-147, 148</b>	<b>BSL-8</b>	<b>Y</b>	<b>Non-friable</b>
<b>Rolled roofing (Building A)</b>	<b>FM-149, 150</b>	<b>BSL-8</b>	<b>Y</b>	<b>Non-friable</b>
Roof field (Building A1)	FM-151, 152	BSL-8	N	-
<b>Flashing (Building A1)</b>	<b>FM-153, 154</b>	<b>BSL-8</b>	<b>Y</b>	<b>Non-friable</b>
Rolled roofing (Building A1)	FM-155, 156	BSL-8	N	-
<b>Roof field (Building A2)</b>	<b>FM-157, 158</b>	<b>BSL-8</b>	<b>Y</b>	<b>Non-friable</b>
Flashing (Building A2)	FM-159, 160	BSL-8	N	-
Rolled roofing (Building A2)	FM-161, 162	BSL-8	N	-
Roof field (Building B)	FM-163, 164	BSL-8	N	-
<b>Flashing (Building B)</b>	<b>FM-165, 166</b>	<b>BSL-8</b>	<b>Y</b>	<b>Non-friable</b>
Roof field (Building C)	FM-167, 168	BSL-8	N	-
<b>Flashing (Building C)</b>	<b>FM-169, 170</b>	<b>BSL-8</b>	<b>Y</b>	<b>Non-friable</b>
Roof field (Building D)	FM-171, 172	BSL-8	N	-
<b>Flashing (Building D)</b>	<b>FM-173, 174</b>	<b>BSL-8</b>	<b>Y</b>	<b>Non-friable</b>
Roof field (Building E)	FM-175, 176	BSL-8	N	-
<b>Flashing (Building E)</b>	<b>FM-177, 178</b>	<b>BSL-8</b>	<b>Y</b>	<b>Non-friable</b>
Roof field (Building F)	FM-179, 180	BSL-8	N	-
<b>Flashing (Building F)</b>	<b>FM-181, 182</b>	<b>BSL-8</b>	<b>Y</b>	<b>Non-friable</b>
Roof field (Building G)	FM-183, 184	BSL-8	N	-
<b>Flashing (Building G)</b>	<b>FM-185, 186</b>	<b>BSL-8</b>	<b>Y</b>	<b>Non-friable</b>
Roof field (Building H)	FM-187, 188	BSL-8	N	-
<b>Flashing (Building H)</b>	<b>FM-189, 190</b>	<b>BSL-8</b>	<b>Y</b>	<b>Non-friable</b>
Roof field (Building I)	FM-191, 192	BSL-8	N	-
<b>Flashing (Building I)</b>	<b>FM-193, 194</b>	<b>BSL-8</b>	<b>Y</b>	<b>Non-friable</b>
Roof field (Building J)	FM-195, 196	BSL-8	N	-
<b>Flashing (Building J)</b>	<b>FM-197, 198</b>	<b>BSL-8</b>	<b>Y</b>	<b>Non-friable</b>
Roof field (Building K)	FM-199, 200	BSL-8	N	-
<b>Flashing (Building K)</b>	<b>FM-201, 202</b>	<b>BSL-8</b>	<b>Y</b>	<b>Non-friable</b>
Coping Tar and paper (Building A)	FM-203, 204, 205	BSL-8	N	-
Gypsum Deck material	FM-206, 207	BSL-8	N	-
<b>Tar on block wall</b>	<b>FM-208, 209</b>	<b>BSL-3</b>	<b>Y</b>	<b>Non-friable</b>
Window caulk	BF-EC01A, B	BSL-6	N	-



## ***Report of Asbestos Survey Services***

### **4.0 CONCLUSIONS AND RECOMMENDATIONS**

Various types of ACM have been identified in our survey. These materials, reported in Section 3.0 of this report, will require complete abatement in accordance with applicable codes, rules and regulations prior to the start of the proposed demolition activities. The following table summarizes ACM locations, quantities and conditions as of the time of this survey.

<b>Location/Area</b>	<b>Asbestos Containing Material</b>	<b>Approximate Quantity</b>	<b>Condition</b>
Basement	Pipe Insulation	3,500 LF	Poor
	Duct Insulation	2,200 SF	Poor
	Ceiling system	4,800 SF	Poor
	Floor tile/mastic	2,100 SF	Poor
	Fittings on fiberglass pipe insulation	160 each	Poor
	Fire doors	20 each	Fair
	Tank Insulation	200 SF	Poor
	Light fixtures	50 each	Fair
1 <sup>st</sup> Floor	Floor tile/mastic	2,550 SF	Fair
	Light fixtures	70 each	Fair
	Fire doors	10 each	Fair
	Mirror mastic	300 SF	Fair
	Tar on perimeter walls	8,900 SF	Fair
2 <sup>nd</sup> Floor	Pipe Insulation	400 LF	Poor
	Floor tile/mastic	26,600 SF	Fair
	Mirror mastic	1,200 SF	Fair
	Duct Insulation	800 SF	Poor
	Fittings on fiberglass pipe insulation	50 each	Poor
	Fire doors	6 each	Fair
	Ceiling system	32,400	Fair
	Tar on perimeter walls	8,900 SF	Fair



## Report of Asbestos Survey Services

Location/Area	Asbestos Containing Material	Approximate Quantity	Condition
3 <sup>rd</sup> Floor	Ceiling system	27,600 SF	Fair
	Floor tile/mastic	35,500 SF	Poor
	Duct insulation	400 SF	Poor
	Pipe Insulation	1,200 LF	Fair
	Fittings on fiberglass pipe insulation	50 each	Fair
	Mirror mastic	1,000 SF	Fair
	Fire doors	12 each	Fair
	Light fixtures	100 each	Fair
	Tar on perimeter walls	8,900 SF	Fair
4 <sup>th</sup> Floor	Ceiling system	5,500 SF	Fair
	Duct insulation	300 LF	Poor
	Tar coated duct	500 SF	Fair
	Pipe insulation	380 LF	Fair
	Mirror mastic	300 SF	Fair
	Fire doors	6 each	Fair
	Floor tile/mastic	3,800 SF	Fair
	Light fixtures	50 each	Fair
	Tar on perimeter walls	6,600 SF	Fair
5 <sup>th</sup> Floor	Pipe Insulation	10 LF	Fair
	Black mastic on drywall	4,400 SF	Fair
	Duct/conduit caulk	900 SF	Fair
	Windows with ACM caulk	16 each	Fair
	Mirror mastic	200 SF	Fair
	Fire doors	4 each	Fair
	Light fixtures	100 each	Fair
	Tar on perimeter walls	4,320 SF	Fair

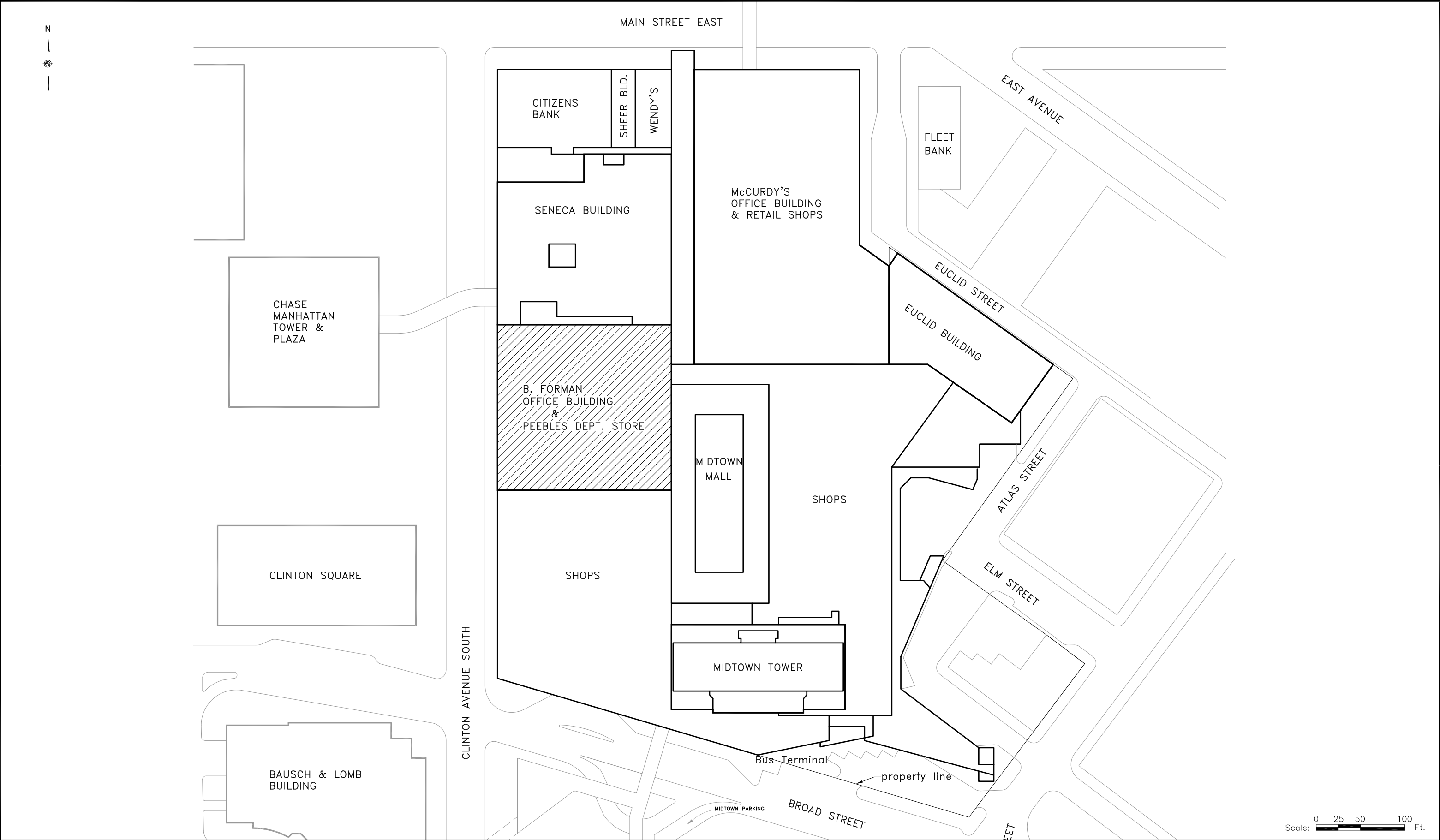



## Report of Asbestos Survey Services

Location/Area	Asbestos Containing Material	Approximate Quantity	Condition
6 <sup>th</sup> Floor	Black mastic on drywall	4,500 SF	Fair
	Floor tile/mastic	300 SF	Fair
	Duct/conduit caulk	800 SF	Fair
	Windows with ACM caulk	17 each	Fair
	Mirror mastic	200 SF	Fair
	Fire doors	4 each	Fair
	Light fixtures	100 each	Fair
	Tar on perimeter walls	4,320 SF	Fair
Roof Areas	Roof flashing	4,900 LF	Poor
	Roofing	5,200 SF	Fair
	Roof vents	8 each	Fair
	Elevator components	5 each	Fair

### NOTES:

1. Ceiling systems include all materials above the drop ceilings/plaster ceilings including the ceilings themselves and any suspect ACM materials. Ceilings in this building have extensive ACM debris contamination above (See IMG 1706 and 1710). Also, Recessed light fixtures installed in fixed plaster ceilings have asbestos containing paper backing and are to be disposed of accordingly. All materials located above the ceilings should be assumed to be contaminated with ACM.
2. Black mastic applied to drywall panels on the 5<sup>th</sup> and 6<sup>th</sup> Floors is asbestos containing. See IMG 1677 and 1679.
3. ACM duct insulation is found above fixed plaster ceiling in 4<sup>th</sup> Floor areas. This material is delaminating on the ends and in select areas. The associated ceilings should all be treated as contaminated. See IMG 1687 and 1682.
4. Quantities of pipe insulation/fittings reported above only include material in areas not assumed to be directly contaminated by above ceiling contamination. Additional pipe insulation which exists above plaster and suspended ceiling systems identified in the above table shall be abated as part of the associated ceiling system.
5. Energized wire was not sampled for the presence of asbestos in this building. This material should be treated as asbestos containing until proven otherwise through bulk sampling.
6. All mastic applied to mirrors is to be considered asbestos containing. This includes, but is not limited to mirrors installed in restrooms, store showrooms, dressing room areas and elevator lobbies.
7. ACM duct/conduit caulk is applied to seams and penetrations above the suspended ceiling systems on the 5<sup>th</sup> and 6<sup>th</sup> floors of this building.
8. Roof vents have been installed with ACM flashing material and rope gaskets. Roof vents, along with their associated caulk and flashing, should be removed as ACM.



<div>WARNING</div> <div>IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN THOSE WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.</div>				<div></div> <div>LIRo Engineers, Inc. 690 Delaware Ave. Buffalo, New York</div>	PROJ. ENG.:	<div>CLIENT:</div> <div><div>Empire State Development</div><div>400 Andrews Street, Suite 100 Rochester, New York 14604-1409</div></div>		JOB TITLE AND LOCATION:		LIRO JOB NO.:	
	DESIGNED BY:	B. FORMAN BUILDING MIDTOWN PLAZA ROCHESTER, NEW YORK			08-21-104						
	CHECKED BY:	DRAWING TITLE:			SHEET OF						
		NO.	DATE		DESCRIPTION		DRAWN BY:	DATE:	SCALE:	B. FORMAN BUILDING SITE PLAN	
	REVISIONS					SEPTEMBER 2008	AS SHOWN			1	





## *Report of Asbestos Survey Services*

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### **APPENDIX A:**

### **BULK SAMPLE FIELD DATA SHEETS WITH CHAIN OF CUSTODY AND LABORATORY RESULTS**

14080612

**Lilo Project** 08-21-104  
 JMD Services Project Number  
**MOTOWN- FULMAN BUILDING**  
 Type of Survey and Address

Owner / Agent  
 Survey Date MAY 08  
 24 HR 48 HR 3 DAY  
 (6 DAY)  
 Results Due By

Number of Samples

Field Sample #	Material Description	Location	Amount	End	F/NF
FM-01	2x12 Green/slate FT + MASTIC	6th Floor			
02	"	"			
03	Gray Linoleum	6th Fl Kitchen	20¢		
04	"	"			
05	MASTIC on Metal Wall Studs / Drywall	6th Floor			
06	"	5th Floor midland			
07	MALBON DUCT Sealant/Caulk	6th Floor			
08	"	5th Floor			
09	Ceramic Tile Grout	6th Fl			
10	"	6th Fl			
11	DUCT/CONDUIT CAULK	6th Fl			
12	"	6th Fl			
13	Interior Window Partition Caulk	6th Fl			
14	"	6th Fl			
15	2x2 C.T. (1)	6th Fl			
FM-16	"	5th Fl			

Comments / Special Instructions / Notes:  
 Los Star Pl group, please  
 Analyze PLM then TEM if negative AND NOB  
 email results to - rbarr27@yahoo.com

Sampled / Relinquished By: Rubio Date and Time: 19 MAY  
 Received By: FZ 5/17/08 9:05am  
 Dep ott

140802375

**Little Project 08-21-104**  
 JMD Services Project Number  
**MIDTOWN - FOREMAN BUILDING**  
 Type of Survey and Address

**May 08**  
 Survey Date

**24 HR 48 HR 3 DAY**  
 Results Due By

**Number of Samples**

**Owner / Agent**

Field Sample #	Material Description	Location	Amount	End	E/NF
FM-17	2x2 C.T. (2)	6th Fl			
18	"	5th Fl			
19	Drywall Compound	6th Fl			
20	↓	6th Fl			
21		6th Fl			
22	Drywall Compound	5th Fl			
23	↓	5th Fl			
24		5th Fl			
25	TAB-Paper under Flooring	6th Fl			
26	↓	6th Fl			
27	12x12 Pink FT + Mastic	6th Fl			
28	"	6th Fl			
29	Floor Lumber	6th Fl			
30	"	6th Fl			
31	12x12 Blue FT + Mastic				
FM-32	"				

Comments / Special Instructions / Notes:  
 Positive Stop per group please

Analyze PLM then TEM if negative AND NOB

email results to - [rbarr27@yahoo.com](mailto:rbarr27@yahoo.com)

**19 May**  
 Date and Time

**5/19/08 905 AM**  
 Received By

**Deep St**

140802315

Libra Project 08-21-104

JMD Services Project Number

MUDOWN- FOLMANS

Type of Survey and Address

Owner / Agent

Survey Date  
May 08  
24 HR 48 HR 3 DAY  
6 Day

Results Due By

Number of Samples

Amount

Cond

F/NF

Field Sample #	Material Description	Location	Amount	Cond	F/NF
FM- 33	Plaster	6th flr			
34		6th flr			
35		6th flr			
36		5th flr			
37		5th flr			
38		5th flr			
39		5th flr			
40	1X1 C.T. MASTIC	5th flr			
41	"	5th flr			
42	Exterior Plaster	Exterior Area 5th flr			
43					
44					
45					
46					
47	WIN CAULK	Ext Area 5th flr			
FM- 48	"	"			

Comments / Special Instructions / Notes:  
Pos STR for group

☒ Analyze PLM then TEM if negative AND NOB

email results to - rbarr27@yahoo.com

5/19/08 9:05AM

Received By: [Signature]

19 May

Date and Time

Sampled / Relinquished By: [Signature]

Received By: [Signature]

140862373

<p><u>Lido Project # 08-21-104</u></p> <p>JMD Services Project Number</p> <p><u>MISTBURN - FOREMAN'S</u></p> <p>Type of Survey and Address</p>		<p><u>May 2008</u></p> <p>Survey Date</p> <p><u>65</u></p> <p>Number of Samples</p> <p>Results Due By</p>	
<p><u>Owner / Agent</u></p>		<p>24 HR 48 HR 3DAY</p>	

Field Sample #	Material Description	Location	Amount	Cnd. F/NF
FM-49	Ceramic tile Flooring + Vapor Barrier	3 <sup>rd</sup> Fl		
50	"	5 <sup>th</sup> Fl		
51	Flow Tar / Vapor Barrier	5 <sup>th</sup> Fl		
52	"	5 <sup>th</sup> Fl		
53	4x4 Gray FT. + MASTIC	4 <sup>th</sup> Fl		
54	"	4 <sup>th</sup> Fl		
55	Tar paper under 12x12 FT.	4 <sup>th</sup> Fl		
56	"	4 <sup>th</sup> Fl		
57	Dynall Compound	4 <sup>th</sup> Fl outside		
58	"	↓		
59	"	↓		
60	Dynall Compound	4 <sup>th</sup> Fl New Side		
61	"	↓		
62	"	↓		
63	Sprayer Fiberglass	4 <sup>th</sup> Fl		
FM 64	"	↓		

Comments / Special Instructions / Notes:

☒ Positive Stop per group

☒ Analyze PLM then TEM if negative AND NOB

email results to - [rbarr27@yahoo.com](mailto:rbarr27@yahoo.com)

<p><u>9 May</u></p> <p>Date and Time</p>	<p><u>5/19/08 905A</u></p> <p>Received By:</p>
--	--

<p><u>Sampled / Relinquished By</u></p>	<p><u>9 May</u></p> <p>Date and Time</p>
---	--

Life Project 08-21-104 JMD Services Project Number	May 2007 Survey Date	24 HR 48 HR 3 DAY 6 Day	Results Due By
MONTON - FORMAN'S	65 Number of Samples		
Type of Survey and Address			Owner / Agent

[illegible]

Comments / Special Instructions / Notes:

 $\mathbb{N}_{\text{Positive Stop per group}}$ ☒ Analyze PLM then TEM if negative AND NOB

email results to – [rbarr27@yahoo.com](mailto:rbarr27@yahoo.com)

Sampled/ Relinquished By	Date and Time	Received By:
<i>Lab</i>	<i>19 May</i>	<i>5/17/08 8:50 AM WSL</i>
		<i>Pass off</i>

**EMSL Analytical, Inc.**

490 Rowley Road, Depew, NY 14043

Phone: (716) 651-0030 Fax: (716) 651-0394 Email: [buffalolab@emsl.com](mailto:buffalolab@emsl.com)

Attn: **Robert Kreuzer**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
 Project: **Midtown - Forman Building**

Customer ID: LIRO50  
 Customer PO:  
 Received: 05/19/08 9:05 AM  
 EMSL Order: 140802373  
 EMSL Proj: Midtown  
 Analysis Date: 5/21/2008  
 Report Date: 5/27/2008

### Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY State ELAP 198.6 Method

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
FM-01 140802373-0034	12x12 green/slate ft	Green	100.0	None	Inconclusive: No Asbestos Detected
FM-01 140802373-0035	12x12 green/slate ft mastic	Yellow	100.0	None	Inconclusive: No Asbestos Detected
FM-02 140802373-0036	12x12 green/slate ft	Green	100.0	None	Inconclusive: No Asbestos Detected
FM-02 140802373-0037	12x12 green/slate ft mastic	White/Yellow	100.0	None	Inconclusive: No Asbestos Detected
FM-03 140802373-0038	gray linoleum	Various	100.0	None	Inconclusive: No Asbestos Detected
FM-04 140802373-0039	gray linoleum	Various	100.0	None	Inconclusive: No Asbestos Detected
FM-05 140802373-0040	mastic on metal wall studs/drywall	Black	96.8	None	3.2 Chrysotile 3.2 <b>Total All Types</b>
FM-06 140802373-0041	mastic on metal wall studs/drywall	Black			
Not Analyzed Positive stop					
FM-07 140802373-0042	maroon duct sealant/caulk	Red	99.5	None	Inconclusive: <1 Chrysotile <1 <b>Total All Types</b>

Analyst(s)

Brian Walczak (12)  
 Rachel Giese (30)

Rhonda McGee, Laboratory Manager  
 or other approved signatory

\*Polarized Light Microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative Transmission Electron Microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. The test results contained within this report meet the requirements of NELAC unless otherwise noted. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. The above test report relates only to the items tested. EMSL bears no responsibility for sample collection activities or analytical method limitations. Unless otherwise noted, the results in this report have not been blank corrected. Samples received in good condition unless otherwise noted.

ACCREDITATIONS: NVLAP #200056-0 and NY STATE ELAP #11606

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**Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY  
State ELAP 198.6 Method**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
FM-08 140802373-0043	maroon duct sealant/caulk	Red	100.0	None	Inconclusive: No Asbestos Detected
FM-11 140802373-0044	duct/conduit caulk	Black	97.6	None	2.4 Chrysotile 2.4 <b>Total All Types</b>
FM-12 140802373-0045	duct/conduit caulk	Black			
Not Analyzed Positive stop					
FM-13 140802373-0046	interior window partition caulk	Gray	100.0	None	Inconclusive: No Asbestos Detected
FM-14 140802373-0047	interior window partition caulk	Gray	100.0	None	Inconclusive: No Asbestos Detected
FM-25 140802373-0048	tar paper under flooring	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-26 140802373-0049	tar paper under flooring	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-27 140802373-0050	12x12 pink ft	Various	100.0	None	Inconclusive: No Asbestos Detected
FM-27 140802373-0051	12x12 pink ft mastic	Yellow	100.0	None	Inconclusive: No Asbestos Detected

**Analyst(s)**

*Brian Walczak (12)*  
*Rachel Giese (30)*

Rhonda McGee, Laboratory Manager  
or other approved signatory

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EMSL Proj: Midtown  
Analysis Date: 5/21/2008  
Report Date: 5/27/2008

### Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY State ELAP 198.6 Method

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
FM-28 140802373-0052	12x12 pink ft	Various	100.0	None	Inconclusive: No Asbestos Detected
FM-28 140802373-0053	12x12 pink ft mastic	Yellow	100.0	None	Inconclusive: No Asbestos Detected
Below recommended method minimum sample amount.					
FM-29 140802373-0054	floor leveler	Various	100.0	None	Inconclusive: No Asbestos Detected
FM-30 140802373-0055	floor leveler	Various	100.0	None	Inconclusive: No Asbestos Detected
FM-31 140802373-0056	12x12 blue ft	Gray	100.0	None	Inconclusive: No Asbestos Detected
FM-31 140802373-0057	12x12 blue ft mastic	Yellow	100.0	None	Inconclusive: No Asbestos Detected
FM-32 140802373-0058	12x12 blue ft	Gray	100.0	None	Inconclusive: No Asbestos Detected
FM-32 140802373-0059	12x12 blue ft mastic	White/Yellow	100.0	None	Inconclusive: No Asbestos Detected
FM-40 140802373-0060	1x1 ct mastic	Brown	100.0	None	Inconclusive: No Asbestos Detected

Analyst(s)

Brian Walczak (12)  
Rachel Giese (30)

Rhonda McGee, Laboratory Manager  
or other approved signatory

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EMSL Proj: Midtown  
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Report Date: 5/27/2008

**Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY  
State ELAP 198.6 Method**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
FM-41 140802373-0061	1x1 ct mastic	Brown	100.0	None	Inconclusive: No Asbestos Detected
FM-47 140802373-0062	win caulk	Brown	100.0	None	Inconclusive: No Asbestos Detected
FM-48 140802373-0063	win caulk	Brown	100.0	None	Inconclusive: No Asbestos Detected
FM-49 140802373-0064	ceramic tile flooring	Various	100.0	None	Inconclusive: No Asbestos Detected
FM-49 140802373-0065	vapor barrier	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-50 140802373-0066	ceramic tile flooring	Various	100.0	None	Inconclusive: No Asbestos Detected
FM-50 140802373-0067	vapor barrier	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-51 140802373-0068	floor tar/vapor barrier	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-52 140802373-0069	floor tar/vapor barrier	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-53 140802373-0070	9x9 gray ft	Gray	94.9	None	5.1 Chrysotile 5.1 <b>Total All Types</b>

Analyst(s)

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Rachel Giese (30)

Rhonda McGee, Laboratory Manager  
or other approved signatory

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**Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY  
State ELAP 198.6 Method**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
FM-53 140802373-0071	9x9 gray ft mastic	Black	99.7	None	Inconclusive : <1 Chrysotile <1 <b>Total All Types</b>
FM-54 140802373-0072	9x9 gray ft	Gray			
Not Analyzed Positive stop					
FM-54 140802373-0073	9x9 gray ft mastic	Black	100.0	None	Inconclusive : <1 Chrysotile <1 <b>Total All Types</b>
FM-55 140802373-0074	tar paper under 12x12 ft	Various	100.0	None	Inconclusive: No Asbestos Detected
FM-56 140802373-0075	tar paper under 12x12 ft	Various	100.0	None	Inconclusive: No Asbestos Detected

Analyst(s)

*Brian Walczak (12)*  
*Rachel Giese (30)*

Rhonda McGee, Laboratory Manager  
or other approved signatory

\*Polarized Light Microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative Transmission Electron Microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. The test results contained within this report meet the requirements of NELAC unless otherwise noted. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. The above test report relates only to the items tested. EMSL bears no responsibility for sample collection activities or analytical method imitations. Unless otherwise noted, the results in this report have not been blank corrected. Samples received in good condition unless otherwise noted.

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Customer ID: LIRO50  
Customer PO:  
Received: 05/19/08 9:05 AM  
EMSL Order: 140802373  
EMSL Proj: Midtown  
Analysis Date: 5/27/2008  
Report Date: 5/27/2008

**Asbestos Analysis of Non-Friable Organically Bound materials by Transmission  
Electron Microscopy via NYS ELAP Method 198.4**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
FM-01 140802373-0034	12x12 green/slate ft	Green	79.1	None	20.9 Chrysotile	20.9
FM-01 140802373-0035	12x12 green/slate ft mastic	Yellow	100.0	None	No Asbestos Detected	
FM-02 140802373-0036	12x12 green/slate ft	Green				
Not Analyzed Positive stop						
FM-02 140802373-0037	12x12 green/slate ft mastic	White/Yellow	100.0	None	No Asbestos Detected	
FM-03 140802373-0038	gray linoleum	Various	100.0	None	No Asbestos Detected	
FM-04 140802373-0039	gray linoleum	Various	100.0	None	No Asbestos Detected	
FM-07 140802373-0042	maroon duct sealant/caulk	Red	99.7	None	<1% Chrysotile	<1
FM-08 140802373-0043	maroon duct sealant/caulk	Red	100.0	None	No Asbestos Detected	
FM-13 140802373-0046	interior window partition caulk	Gray	100.0	None	No Asbestos Detected	

Analyst(s)  
Tom Hanes (36)

Rhonda McGee, Laboratory Manager  
or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

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Project: **Midtown - Forman Building**

EMSL Proj: Midtown  
Analysis Date: 5/27/2008  
Report Date: 5/27/2008

**Asbestos Analysis of Non-Friable Organically Bound materials by Transmission  
Electron Microscopy via NYS ELAP Method 198.4**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
FM-14 140802373-0047	interior window partition caulk	Gray	100.0	None	No Asbestos Detected	
FM-25 140802373-0048	tar paper under flooring	Black	100.0	None	No Asbestos Detected	
FM-26 140802373-0049	tar paper under flooring	Black	100.0	None	No Asbestos Detected	
FM-27 140802373-0050	12x12 pink ft	Various	100.0	None	No Asbestos Detected	
FM-27 140802373-0051	12x12 pink ft mastic	Yellow	100.0	None	No Asbestos Detected	
FM-28 140802373-0052	12x12 pink ft	Various	100.0	None	No Asbestos Detected	
FM-28 140802373-0053	12x12 pink ft mastic	Yellow	100.0	None	No Asbestos Detected	
Below recommended method minimum sample amount.						
FM-29 140802373-0054	floor leveler	Various	100.0	None	No Asbestos Detected	
FM-30 140802373-0055	floor leveler	Various	100.0	None	No Asbestos Detected	

Analyst(s)  
Tom Hanes (36)

Rhonda McGee, Laboratory Manager  
or other approved signatory

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SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
FM-31 140802373-0056	12x12 blue ft	Gray	100.0	None	No Asbestos Detected	
FM-31 140802373-0057	12x12 blue ft mastic	Yellow	100.0	None	No Asbestos Detected	
FM-32 140802373-0058	12x12 blue ft	Gray	100.0	None	No Asbestos Detected	
FM-32 140802373-0059	12x12 blue ft mastic	White/Yellow	100.0	None	No Asbestos Detected	
FM-40 140802373-0060	1x1 ct mastic	Brown	100.0	None	No Asbestos Detected	
FM-41 140802373-0061	1x1 ct mastic	Brown	100.0	None	No Asbestos Detected	
FM-47 140802373-0062	win caulk	Brown	99.7	None	<1% Chrysotile	<1
FM-48 140802373-0063	win caulk	Brown	98.5	None	1.5% Chrysotile	1.5
FM-49 140802373-0064	ceramic tile flooring	Various	100.0	None	No Asbestos Detected	
FM-49 140802373-0065	vapor barrier	Black	100.0	None	No Asbestos Detected	

Analyst(s)  
Tom Hanes (36)

Rhonda McGee, Laboratory Manager  
or other approved signatory

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Electron Microscopy via NYS ELAP Method 198.4**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
FM-50 140802373-0066	ceramic tile flooring	Various	100.0	None	No Asbestos Detected	
FM-50 140802373-0067	vapor barrier	Black	100.0	None	No Asbestos Detected	
FM-51 140802373-0068	- floor tar/vapor barrier	Black	100.0	None	No Asbestos Detected	
FM-52 140802373-0069	floor tar/vapor barrier	Black	100.0	None	No Asbestos Detected	
FM-53 140802373-0071	9x9 gray ft mastic	Black	98.7	None	1.3% Chrysotile	1.3
FM-54 140802373-0073	9x9 gray ft mastic	Black				
Not Analyzed Positive stop						
FM-55 140802373-0074	tar paper under 12x12 ft	Various	100.0	None	No Asbestos Detected	
FM-56 140802373-0075	tar paper under 12x12 ft	Various	100.0	None	No Asbestos Detected	

Analyst(s)

Tom Hanes (36)

Rhonda McGee, Laboratory Manager  
or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

ACCREDITATIONS: NVLAP #200056-0 and NY STATE ELAP #11606



EMSL Analytical, Inc.

490 Rowley Road, Depew, NY 14043

Phone: (716) 651-0030 Fax: (716) 651-0394 Email: [buffalolab@emsl.com](mailto:buffalolab@emsl.com)

Attn: **Robert Kreuzer**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
Project: **Midtown - Forman Building**

Customer ID: LIRO50  
Customer PO:  
Received: 05/19/08 9:05 AM  
EMSL Order: 140802373  
  
EMSL Proj: Midtown  
Analysis Date: 5/27/2008  
Report Date: 5/27/2008

### Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
FM-09 140802373-0001	6th fl	Gray Fibrous Homogeneous	3.00% Cellulose	97.00% Non-fibrous (other)	None Detected
FM-10 140802373-0002	6th fl	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-15 140802373-0003	6th fl	Tan Fibrous Homogeneous	40.00% Cellulose 20.00% Glass	40.00% Non-fibrous (other)	None Detected
FM-16 140802373-0004	5th fl	Tan Fibrous Homogeneous	40.00% Cellulose 25.00% Glass	35.00% Non-fibrous (other)	None Detected
FM-17 140802373-0005	6th fl	Gray Fibrous Homogeneous	85.00% Glass	15.00% Non-fibrous (other)	None Detected
FM-18 140802373-0006	5th fl	Gray Fibrous Homogeneous	80.00% Glass	20.00% Non-fibrous (other)	None Detected
FM-19 140802373-0007	6th fl DW	White Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected
FM-19 140802373-0007A	plaster	Gray Non-Fibrous Layer # 2		100.00% Non-fibrous (other)	None Detected
FM-19 140802373-0007B	paper	Brown Fibrous Layer # 3	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
FM-20 140802373-0008	6th fl	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

Analyst(s)

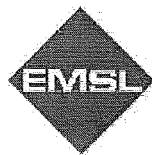
Andrew Maciejewski (15)  
Rachel Giese (29)

Rhonda McGee, Laboratory Manager  
or other approved signatory

PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Unless otherwise noted, the results in this report have not been blank corrected. Samples received in good condition unless otherwise noted.

Analysis performed by EMSL Buffalo (NVLAP #200056-0), NY ELAP #11606



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**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
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Customer ID: LIRO50  
Customer PO:  
Received: 05/19/08 9:05 AM  
EMSL Order: 140802373  
EMSL Proj: Midtown  
Analysis Date: 5/27/2008  
Report Date: 5/27/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
FM-21 140802373-0009	6th fl	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-22 140802373-0010	5th fl	White Fibrous Homogeneous	<1% Cellulose	100.00% Non-fibrous (other)	None Detected
FM-23 140802373-0011	5th fl	White Fibrous Homogeneous	<1% Cellulose	100.00% Non-fibrous (other)	None Detected
FM-24 140802373-0012	5th fl plaster	White Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected
FM-24 140802373-0012A	DW	Gray Fibrous Layer # 2	1.00% Cellulose	99.00% Non-fibrous (other)	None Detected
FM-24 140802373-0012B	paper	Brown Fibrous Layer # 3	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
FM-33 140802373-0013	6th fl	White Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected
FM-33 140802373-0013A	6th fl	Brown Fibrous Layer # 2	5.00% Cellulose	95.00% Non-fibrous (other)	None Detected
FM-34 140802373-0014	6th fl	White Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected
FM-34 140802373-0014A	6th fl	Brown Fibrous Layer # 2	3.00% Cellulose	97.00% Non-fibrous (other)	None Detected

Analyst(s)

Andrew Maciejewski (15)  
Rachel Giese (29)

Rhonda McGee, Laboratory Manager  
or other approved signatory

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Analysis performed by EMSL Buffalo (NVLAP #200056-0), NY ELAP #11606

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Received: 05/19/08 9:05 AM  
EMSL Order: 140802373  
  
EMSL Proj: Midtown  
Analysis Date: 5/27/2008  
Report Date: 5/27/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
FM-35 140802373-0015	6th fl	Gray Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected
FM-35 140802373-0015A	6th fl	White Fibrous Layer # 2	4.00% Cellulose	96.00% Non-fibrous (other)	None Detected
FM-36 140802373-0016	5th fl	White Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected
FM-36 140802373-0016A	5th fl	Brown Fibrous Layer # 2	7.00% Cellulose	93.00% Non-fibrous (other)	None Detected
FM-37 140802373-0017	5th fl	White Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected
FM-37 140802373-0017A	5th fl	Brown Fibrous Layer # 2	5.00% Cellulose	95.00% Non-fibrous (other)	None Detected
FM-38 140802373-0018	5th fl	White Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected
FM-38 140802373-0018A	5th fl	Gray Fibrous Layer # 2		100.00% Non-fibrous (other)	None Detected
FM-39 140802373-0019	5th fl	White Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected
FM-39 140802373-0019A	5th fl	Gray Fibrous Layer # 2	1.00% Cellulose	99.00% Non-fibrous (other)	None Detected

Analyst(s)

Andrew Maciejewski (15)  
Rachel Giese (29)

Rhonda McGee, Laboratory Manager  
or other approved signatory

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Analysis performed by EMSL Buffalo (NVLAP #200056-0), NY ELAP #111606

**EMSL Analytical, Inc.**

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Fax: (716) 882-9640 Phone: (716) 882-5476  
 Project: **Midtown - Forman Building**

Customer ID: LIRO50  
 Customer PO:  
 Received: 05/19/08 9:05 AM  
 EMSL Order: 140802373  
 EMSL Proj: Midtown  
 Analysis Date: 5/27/2008  
 Report Date: 5/27/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
FM-42 140802373-0020	exterior area 5th fl	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-43 140802373-0021	exterior area 5th fl	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-44 140802373-0022	exterior area 5th fl	Gray Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected
FM-45 140802373-0023	exterior area 5th fl	Gray Non-Fibrous Layer # 2		100.00% Non-fibrous (other)	None Detected
FM-46 140802373-0024	exterior area 5th fl	Gray Non-Fibrous Layer # 3		100.00% Non-fibrous (other)	None Detected
FM-57 140802373-0025	4th fl old side	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-58 140802373-0026	4th fl old side	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-59 140802373-0027	4th fl old side	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-60 140802373-0028	4th fl new side	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-61 140802373-0029	4th fl new side	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

**Analyst(s)**

Andrew Maciejewski (15)  
 Rachel Giese (29)

Rhonda McGee, Laboratory Manager  
 or other approved signatory

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Analysis performed by EMSL Buffalo (NVLAP #200056-0), NY ELAP #11606

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Received: 05/19/08 9:05 AM  
EMSL Order: 140802373  
  
EMSL Proj: Midtown  
Analysis Date: 5/27/2008  
Report Date: 5/27/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
FM-62 140802373-0030	4th fl new side	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-63 140802373-0031	4th fl	Tan Fibrous Homogeneous	50.00% Cellulose 5.00% Glass	45.00% Non-fibrous (other)	None Detected
FM-64 140802373-0032	4th fl	Tan Fibrous Homogeneous	50.00% Cellulose 5.00% Glass	45.00% Non-fibrous (other)	None Detected
FM-65 140802373-0033	4th fl	Brown Fibrous Homogeneous	40.00% Cellulose 5.00% Glass	55.00% Non-fibrous (other)	None Detected

Analyst(s)

*Andrew Maciejewski (15)*  
*Rachel Giese (29)*

Rhonda McGee, Laboratory Manager  
or other approved signatory

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Analysis performed by EMSL Buffalo (NVLAP #200056-0), NY ELAP #11606

140802436 PLEASE CONTACT

L160 Project # 08-21-104		24 HR 48 HR 72 HR
JMD Services Project Number		Survey Date May 58
MINTOWN - FIDELMAN'S		Number of Samples
Type of Survey and Address		Owner / Agent
		Results Due By
		END

Field Sample #	Material Description	Location	Amount	End	F/NF
FM- 66	9X9 BLUE FT + MASTIC	Basement			
67	"	"			
68	9X9 Green FT + MASTIC	Basement Shop			
69	"	Basement Sinking Run			
70	12X12 BLUE FT + MASTIC	Basement			
71	"	"			
72	MASTIC	Basement			
73	"	"			
74	Spray-on Fireproofing	Basement below Picket			
75					
76					
77					
78					
79	Cork / TALC Pipe Insul	Basement			
80					
FM- 61					

Comments / Special Instructions / Notes:	
<input checked="" type="checkbox"/> Positive Stop per group	
<input checked="" type="checkbox"/> Analyze PLM then TEM if negative AND NOB	
Sampled / Relinquished By	Date and Time
LMR	21 May
Received By:	5/21/08 12:50 pm DO.
email results to - rbarr2@yahoo.com	



1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

140802436

Libo Project #08-21-101

JMD Services Project Number

MIDTOWN - FORMANS

Type of Survey and Address

Owner / Agent

Survey Date

24 HR 48 HR 3 DAY

Number of Samples

Results Due By

Field Sample #	Material Description	Location	Amount	Cnd	F/NF
FM - 82	Residual Mastic on Duct work	Basement			
83	↓				
84	Cork/Far Duct Insulation	Basement NW Corner	N		
85	↓				
86	↓				
87	Duct Insulation	Basement SE Corner			
88	↓				
89	↓				
90	Rough Coat Plaster (Walls/Ceans)	Basement South Factor			
91	↓				
92	↓				
93	Drywall Compound	Basement			
94	↓				
95	↓				
96	Elect Panel Boards	East Side			
FM 97	↓				

Comments / Special Instructions / Notes:

☒ Positive Stop per group☒ Analyze PLM then TEM if negative AND NOB

email results to - rbarr27@yahoo.com

Sampled / Relinquished By

Date and Time

Received By

JMD  
SERVICES

1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

140802436

Labo Project # 08-21-104

JMD Services Project Number

MISTMAN - FARMANS

Type of Survey and Address

Owner / Agent

May 08  
Survey Date

24 HR 48 HR 3 DAY

*[Signature]*

Number of Samples Results Due By

Field Sample #	Material Description	Location	Amount	Cnd	F/NF
FM-98	TANK INSULATION	SE Corner	80#		
99	↓	↓			
100	↓				
101	Plaster	See Drawing Basement			
102					
103					
104					
105					
106					
107					
108					
109	Micromastic	2 <sup>nd</sup> Floor			
101	"	"			
110	TAC Paper under wood Floor	2 <sup>nd</sup> Floor			
111	"	"			
112	1X1 C.T. mastic	Basement			
113	"				
FM-113					

individual bags not labeled - put bag 98, 99, 100 - called Rob - said label them 98, 99, 100 BME 5.21.08

Comments / Special Instructions / Notes:

☒ Positive Stop per group

☒ Analyze PLM then TEM if negative AND NOB

email results to - rbarr27@yahoo.com

*[Signature]* It may

Send 5/21/08 12:50 pm DO.

Sampled / Relinquished By

Date and Time

Received By:



1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

140862436

Lilo Project # 08-21-104

JMD Services Project Number

WATSON - FORMANS

Type of Survey and Address

Owner / Agent

MAY 08  
Survey Date

Number of Samples

24 HR 48 HR 3 DAY  
PLEASE CONTACT  
RAN SMITH C

Results Due By  
FMSL NY FOR TAT

Field Sample #	Material Description	Location	Amount	End	F/NF
FM-14	2x12 Red FT + Mastic	Third Fl			
15	" "	"			
16	TAR W/SP ON FIB.P.I./LUM	2 <sup>nd</sup> Fl Fan Room			
17	" "	"	Close		
18	TAR COATED DUCT WORK	4 <sup>th</sup> Fl			
19	" "	"			
20	DUCT INSULATION	4 <sup>th</sup> Fl			
21	Plaster inside light fixtures	3 <sup>rd</sup> Fl			
22	" "	"			
23	Bathroom Caulk	4 <sup>th</sup> Fl			
24	" "	3 <sup>rd</sup> Fl			
25	Drywall Compound	3 <sup>rd</sup> Fl			
26	↓	↓			
27	↓	↓			
28	Drywall Compound	2 <sup>nd</sup> Fl			
FM-12A	↓	↓			

Comments / Special Instructions / Notes:

☒ Positive Stop per group

☒ Analyze PLM then TEM if negative AND NOB

email results to - rbarr27@yahoo.com

Rubio

21 MAY

5/21/08

12:50 pm D.O.

Sampled / Relinquished By

Date and Time

Received By



1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax



140802436

PLEASE CONTACT

Libs Project # 08-21-01

JMD Services Project Number

MOTOWN - FORMANS

Type of Survey and Address

Owner / Agent

Survey Date

Number of Samples

Results Due By

24 HR 48 HR 3 DAY

RAN SMITH

ENCLOSURE FOR TAT

Field Sample #	Material Description	Location	Amount	Chd	PNF
FM-130	Agard Compound	2"			
131	Plaster	4 D			
132		4 D			
133		4 D			
134		3 D			
135		3 D			
136		3 D			
137		3 D			
138	Plaster	2"			
139		2"			
140		2"			
141		2"			
142		1 D			
143		1 D			
FM-144		1 D			

Comments / Special Instructions / Notes:

☒ Positive Stop per group

☒ Analyze PLM then TEM if negative AND NOB

email results to - rbarr27@yahoo.com

2 MAY

5/21/08 12:50 pm D.O.

Sampled / Relinquished By

Date and Time

Received By



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(716) 773-3400 phone (716) 773-3456 fax

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Customer ID: LIRO50  
Customer PO:  
Received: 05/21/08 12:50 PM  
EMSL Order: 140802436  
EMSL Proj: Midtown  
Analysis Date: 5/23/2008  
Report Date: 5/24/2008

**Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY  
State ELAP 198.6 Method**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
FM-66 140802436-0050	9x9 blue ft	Blue	99.1	None	Inconclusive : <1 Chrysotile <1 <b>Total All Types</b>
FM-66 140802436-0051	9x9 blue ft mastic	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-67 140802436-0052	9x9 blue ft	Blue	98.3	None	1.7 Chrysotile 1.7 <b>Total All Types</b>
FM-67 140802436-0053	9x9 blue ft mastic	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-68 140802436-0054	9x9 green ft	Green	96.8	None	3.2 Chrysotile 3.2 <b>Total All Types</b>
FM-68 140802436-0055	9x9 green ft mastic	Black	99.9	None	Inconclusive : <1 Chrysotile <1 <b>Total All Types</b>
FM-69 140802436-0056	9x9 green ft	Green			
Not Analyzed Positive Stop					
FM-69 140802436-0057	9x9 green ft mastic	Black	99.8	None	Inconclusive : <1 Chrysotile <1 <b>Total All Types</b>
FM-70 140802436-0058	12x12 blue ft	Blue	100.0	None	Inconclusive: No Asbestos Detected

**Analyst(s)**

*Andrew Maciejewski (8)*  
*Rachel Giese (30)*

Rhonda McGee, Laboratory Manager  
or other approved signatory

\*Polarized Light Microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative Transmission Electron Microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. The test results contained within this report meet the requirements of NELAC unless otherwise noted. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. The above test report relates only to the items tested. EMSL bears no responsibility for sample collection activities or analytical method limitations. Unless otherwise noted, the results in this report have not been blank corrected. Samples received in good condition unless otherwise noted.

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Project: **08-21-104 / Midtown - Forman's**

Customer ID: LIRO50  
Customer PO:  
Received: 05/21/08 12:50 PM  
EMSL Order: 140802436  
EMSL Proj: Midtown  
Analysis Date: 5/23/2008  
Report Date: 5/24/2008

### Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY State ELAP 198.6 Method

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
FM-70 140802436-0059	12x12 blue ft mastic	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-71 140802436-0060	12x12 blue ft	Blue	100.0	None	Inconclusive: No Asbestos Detected
FM-71 140802436-0061	12x12 blue ft mastic	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-72 140802436-0062	mirror mastic	Black	92.3	None	7.7 Chrysotile 7.7 Total All Types
FM-73 140802436-0063	mirror mastic	Black			
Not Analyzed Positive Stop					
FM-79 140802436-0064	cork/tar pipe insl	Black/Brown	100.0	None	Inconclusive: No Asbestos Detected
FM-80 140802436-0065	cork/tar pipe insl	Black/Brown	100.0	None	Inconclusive: No Asbestos Detected
FM-81 140802436-0066	cork/tar pipe insl	Black/Brown	100.0	None	Inconclusive: No Asbestos Detected
FM-82 140802436-0067	residual mastic on duct work	Brown	100.0	None	Inconclusive: No Asbestos Detected

**Analyst(s)**

*Andrew Maciejewski (8)*  
*Rachel Giese (30)*

Rhonda McGee, Laboratory Manager  
or other approved signatory

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ACCREDITATIONS: NVLAP #200056-0 and NY STATE ELAP #11606

**EMSL Analytical, Inc.**

490 Rowley Road, Depew, NY 14043

Phone: (716) 651-0030 Fax: (716) 651-0394 Email: [buffalolab@emsl.com](mailto:buffalolab@emsl.com)

Attn: **Robert Kreuzer**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
Project: **08-21-104 / Midtown - Forman's**

Customer ID: LIRO50  
Customer PO:  
Received: 05/21/08 12:50 PM  
EMSL Order: 140802436  
EMSL Proj: Midtown  
Analysis Date: 5/23/2008  
Report Date: 5/24/2008

**Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY  
State ELAP 198.6 Method**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
FM-83 140802436-0068	residual mastic on duct work	Brown	100.0	None	Inconclusive: No Asbestos Detected
FM-84 140802436-0069	cork/tar duct insulation	Black/Brown	70.9	None	29.1 Chrysotile 29.1 <b>Total All Types</b>
FM-85 140802436-0070	cork/tar duct insulation	Black/Brown			
Not Analyzed Positive Stop					
FM-86 140802436-0071	cork/tar duct insulation	Black/Brown			
Not Analyzed Positive Stop					
FM-108 140802436-0072	mirror mastic	Black	92.5	None	7.5 Chrysotile 7.5 <b>Total All Types</b>
FM-109 140802436-0073	mirror mastic	Black			
Not Analyzed Positive Stop					
FM-110 140802436-0074	tar paper under wood floor	Black	100.0	None	Inconclusive: <1 Chrysotile <1 <b>Total All Types</b>
FM-111 140802436-0075	tar paper under wood floor	Black	100.0	None	Inconclusive: No Asbestos Detected

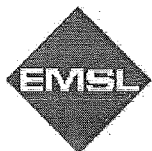
**Analyst(s)**

*Andrew Maciejewski (8)*  
*Rachel Giese (30)*

Rhonda McGee, Laboratory Manager  
or other approved signatory

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**Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY  
State ELAP 198.6 Method**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
FM-112 140802436-0076	1x1 ct mastic	Brown	100.0	None	Inconclusive: No Asbestos Detected
FM-113 140802436-0077	1x1 ct mastic	Brown	100.0	None	Inconclusive: No Asbestos Detected
FM-114 140802436-0078	12x12 red ft	Red	99.2	None	Inconclusive : <1 Chrysotile <1 <b>Total All Types</b>
FM-114 140802436-0079	12x12 red ft mastic	Black	98.8	None	1.2 Chrysotile 1.2 <b>Total All Types</b>
FM-115 140802436-0080	12x12 red ft	Red	99.2	None	Inconclusive : <1 Chrysotile <1 <b>Total All Types</b>
FM-115 140802436-0081	12x12 red ft mastic	Black			
Not Analyzed Positive Stop					
FM-116 140802436-0082	tar wrap on FG Pl/cork	Black	70.6	None	29.4 Chrysotile 29.4 <b>Total All Types</b>
FM-117 140802436-0083	tar wrap on FG Pl/cork	Black			
Not Analyzed Positive Stop					

Analyst(s)

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**Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY  
State ELAP 198.6 Method**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
FM-118 140802436-0084	tar coated duct work	Black/Tan	89.8	None	10.2 Chrysotile 10.2 <b>Total All Types</b>
FM-119 140802436-0085	tar coated duct work	Black/Tan			
Not Analyzed Positive Stop					
FM-123 140802436-0086	bathroom caulk	Cream	100.0	None	Inconclusive: No Asbestos Detected
FM-124 140802436-0087	bathroom caulk	Cream	100.0	None	Inconclusive: No Asbestos Detected

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**Asbestos Analysis of Non-Friable Organically Bound materials by Transmission  
Electron Microscopy via NYS ELAP Method 198.4**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
FM-66 140802436-0050	9x9 blue ft	Blue	90.5	None	9.5% Chrysotile	9.5
FM-66 140802436-0051	9x9 blue ft mastic	Black	100.0	None	No Asbestos Detected	
FM-67 140802436-0053	9x9 blue ft mastic	Black	100.0	None	No Asbestos Detected	
FM-68 140802436-0055	9x9 green ft mastic	Black	100.0	None	<1% Chrysotile	<1
FM-69 140802436-0057	9x9 green ft mastic	Black	99.2	None	<1% Chrysotile	<1
FM-70 140802436-0058	12x12 blue ft	Blue	100.0	None	No Asbestos Detected	
FM-70 140802436-0059	12x12 blue ft mastic	Black	100.0	None	No Asbestos Detected	
FM-71 140802436-0060	12x12 blue ft	Blue	100.0	None	No Asbestos Detected	
FM-71 140802436-0061	12x12 blue ft mastic	Black	100.0	None	No Asbestos Detected	
FM-79 140802436-0064	cork/tar pipe insl	Black/Brown	100.0	None	No Asbestos Detected	

Analyst(s)

Brian Walczak (22)

Rhonda McGee, Laboratory Manager  
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**Asbestos Analysis of Non-Friable Organically Bound materials by Transmission  
Electron Microscopy via NYS ELAP Method 198.4**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
FM-80 140802436-0065	cork/tar pipe insl	Black/Brown	100.0	None	No Asbestos Detected	
FM-81 140802436-0066	cork/tar pipe insl	Black/Brown	100.0	None	No Asbestos Detected	
FM-82 140802436-0067	residual mastic on duct work	Brown	100.0	None	No Asbestos Detected	
FM-83 140802436-0068	residual mastic on duct work	Brown	100.0	None	No Asbestos Detected	
FM-110 140802436-0074	tar paper under wood floor	Black	100.0	None	<1% Chrysotile	<1
FM-111 140802436-0075	tar paper under wood floor	Black	100.0	None	No Asbestos Detected	
FM-112 140802436-0076	1x1 ct mastic	Brown	100.0	None	No Asbestos Detected	
FM-113 140802436-0077	1x1 ct mastic	Brown	100.0	None	No Asbestos Detected	
FM-114 140802436-0078	12x12 red ft	Red	90.2	None	9.8% Chrysotile	9.8

Analyst(s)

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**Asbestos Analysis of Non-Friable Organically Bound materials by Transmission  
Electron Microscopy via NYS ELAP Method 198.4**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
FM-115 140802436-0080	12x12 red ft	Red				
Not Analyzed Positive Stop						
FM-123 140802436-0086	bathroom caulk	Cream	100.0	None	No Asbestos Detected	
FM-124 140802436-0087	bathroom caulk	Cream	100.0	None	No Asbestos Detected	

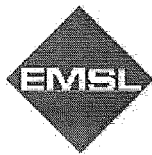
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**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
FM-74 140802436-0001	basement below	Grayish Fibrous Homogeneous	40.00% Cellulose 2.00% Glass	58.00% Non-fibrous (other)	None Detected
FM-75 140802436-0002	basement below	Grayish Fibrous Homogeneous	30.00% Cellulose 2.00% Glass	68.00% Non-fibrous (other)	None Detected
FM-76 140802436-0003	basement below	Green Fibrous Homogeneous	30.00% Cellulose 2.00% Glass	68.00% Non-fibrous (other)	None Detected
FM-77 140802436-0004	basement below	Green Fibrous Homogeneous	30.00% Cellulose 2.00% Glass	68.00% Non-fibrous (other)	None Detected
FM-78 140802436-0005	basement below	Green Fibrous Homogeneous	30.00% Cellulose 2.00% Glass	68.00% Non-fibrous (other)	None Detected
FM-87 140802436-0006	basement SE corner	Gray Fibrous Homogeneous		50.00% Non-fibrous (other)	50.00% Chrysotile
FM-88 140802436-0007	basement SE corner				Positive Stop
FM-89 140802436-0008	basement SE corner				Positive Stop
FM-90 140802436-0009	basement South	Gray Fibrous Homogeneous	1.00% Cellulose	99.00% Non-fibrous (other)	None Detected
FM-91 140802436-0010		Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

Analyst(s)

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 Brian Walczak (24)

Rhonda McGee, Laboratory Manager  
 or other approved signatory

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Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
FM-92 140802436-0011		Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-93 140802436-0012	basement	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-94 140802436-0013	basement	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-95 140802436-0014	basement	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-96 140802436-0015	East side	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-97 140802436-0016	East side	Black Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-98 140802436-0017	SE corner	Beige Fibrous Homogeneous	40.00% Glass	58.70% Non-fibrous (other)	1.30% Chrysotile
FM-99 140802436-0018	SE corner				Positive Stop
FM-100 140802436-0019	SE corner				Positive Stop
FM-101 140802436-0020	basement	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

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Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
FM-102 140802436-0021	basement	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-103 140802436-0022	basement	White Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected
FM-103 140802436-0022A	gray	Gray Fibrous Layer # 2	2.00% Cellulose	98.00% Non-fibrous (other)	None Detected
FM-104 140802436-0023	basement	White Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected
FM-104 140802436-0023A	basement	Gray Non-Fibrous Layer # 2		100.00% Non-fibrous (other)	None Detected
FM-105 140802436-0024	basement	White Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected
FM-105 140802436-0024A	basement	Gray Fibrous Layer # 2	1.00% Cellulose	99.00% Non-fibrous (other)	None Detected
FM-106 140802436-0025	basement	Gray/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	None Detected
FM-107 140802436-0026	basement	White Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected
FM-107 140802436-0026A	basement	Gray Non-Fibrous Layer # 2		100.00% Non-fibrous (other)	None Detected

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Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
FM-120 140802436-0027	4th floor	Gray Fibrous Homogeneous	30.00% Cellulose	3.00% Non-fibrous (other)	67.00% Chrysotile
FM-121 140802436-0028	3rd floor	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-122 140802436-0029	3rd floor	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-125 140802436-0030	3rd	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-126 140802436-0031	3rd	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-127 140802436-0032	3rd	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-128 140802436-0033	2nd	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-129 140802436-0034	2nd	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-130 140802436-0035	2nd	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-131 140802436-0036	4th	Gray/White Fibrous Heterogeneous	2.00% Cellulose	98.00% Non-fibrous (other)	None Detected

Analyst(s)

Andrew Maciejewski (32)  
Brian Walczak (24)

Rhonda McGee, Laboratory Manager  
or other approved signatory

PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Unless otherwise noted, the results in this report have not been blank corrected. Samples received in good condition unless otherwise noted.

Analysis performed by EMSL Buffalo (NVLAP #200056-0), NY ELAP #11606

**EMSL Analytical, Inc.**

490 Rowley Road, Depew, NY 14043

Phone: (716) 651-0030 Fax: (716) 651-0394 Email: [buffalolab@emsl.com](mailto:buffalolab@emsl.com)

Attn: **Robert Kreuzer**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
 Project: **08-21-104 / Midtown - Forman's**

Customer ID: LIRO50  
 Customer PO:  
 Received: 05/21/08 12:50 PM  
 EMSL Order: 140802436  
 EMSL Proj: Midtown  
 Analysis Date: 5/24/2008  
 Report Date: 5/24/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
FM-132 140802436-0037	4th	Gray/White Fibrous Heterogeneous	1.00% Cellulose	99.00% Non-fibrous (other)	None Detected
FM-133 140802436-0038	4th	Gray/White Fibrous Heterogeneous	3.00% Cellulose	97.00% Non-fibrous (other)	None Detected
FM-134 140802436-0039	3rd	Gray/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	None Detected
FM-135 140802436-0040	3rd	Gray/White Fibrous Heterogeneous	5.00% Cellulose	95.00% Non-fibrous (other)	None Detected
FM-136 140802436-0041	3rd	Gray/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	None Detected
FM-137 140802436-0042	3rd	Gray Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected
FM-137 140802436-0042A	3rd	White Non-Fibrous Layer # 2		100.00% Non-fibrous (other)	None Detected
FM-138 140802436-0043	2nd	Gray/White Fibrous Heterogeneous	3.00% Cellulose	97.00% Non-fibrous (other)	None Detected
FM-139 140802436-0044	2nd	Gray/White Fibrous Heterogeneous	1.00% Cellulose	99.00% Non-fibrous (other)	None Detected
FM-140 140802436-0045	2nd	Gray Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected

Analyst(s)

Andrew Maciejewski (32)  
 Brian Walczak (24)

Rhonda McGee, Laboratory Manager  
 or other approved signatory

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Attn: **Robert Kreuzer**  
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**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
Project: **08-21-104 / Midtown - Forman's**

Customer ID: LIRO50  
Customer PO:  
Received: 05/21/08 12:50 PM  
EMSL Order: 140802436  
  
EMSL Proj: Midtown  
Analysis Date: 5/24/2008  
Report Date: 5/24/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
FM-140 140802436-0045A	2nd	White Non-Fibrous Layer # 2		100.00% Non-fibrous (other)	None Detected
FM-141 140802436-0046	2nd	Gray Fibrous Layer # 1	<1% Cellulose	100.00% Non-fibrous (other)	None Detected
FM-141 140802436-0046A	2nd	White Non-Fibrous Layer # 2		100.00% Non-fibrous (other)	None Detected
FM-142 140802436-0047	1st	Gray/White Fibrous Heterogeneous	5.00% Cellulose	95.00% Non-fibrous (other)	None Detected
FM-143 140802436-0048	1st	Gray/White Fibrous Heterogeneous	2.00% Cellulose	98.00% Non-fibrous (other)	None Detected
FM-144 140802436-0049	1st	Gray/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	None Detected

Analyst(s)

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Brian Walczak (24)

Rhonda McGee, Laboratory Manager  
or other approved signatory

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Analysis performed by EMSL Buffalo (NVLAP #200056-0), NY ELAP #11608

140807902

Lilbo Project 08-21-101  
 JMD Services Project Number  
MIDTOWN- FORMANS  
 Type of Survey and Address

Owner / Agent

Survey Date  
Per Lilbo  
 24 HR 48 HR 3 DAY

Number of Samples  
 Results Due By

Field Sample #	Material Description	Location	Amount	End	F/NF
FM-145	Reel Field	B-A			
146	"	"			
147	Flashing	B-A			
148	"	"			
149	Roller Rolling	Blky A			
150	"	"			
151	Flashing Reel Field	Blky A1			
152	"	"			
153	Flashing	B-A1			
154	"	"			
155	Roller Rolling	B-A1			
156	"	"			
157	Reel Field	B-A2			
158	"	"			
159	Flashing	B-A2			
FM-160	"	"			

Comments / Special Instructions / Notes:

☒ Positive Stop per group

☒ Analyze PLM then TEM if negative AND NOB

email results to - rbarr27@yahoo.com

BNR DO 6.10.08 2:55 PM

Received By: BNR

Date and Time

Sampled / Relinquished By



140807902

Libo Project 08-21-104  
 JMD Services Project Number  
 MIOTOWN- B Folmans  
 Type of Survey and Address

Survey Date  
 24 HR 48 HR 3 DAY  
 Per Libo

Number of Samples  
 Results Due By

Owner / Agent

Field Sample #	Material Description	Location	Amount	Chd	F/NF
FM-161	Roller Rolling	B-A2			
162	"	"			
163	Req Field	B-B			
164	"	"			
165	Flashing	B-B			
166	"	"			
167	Req Field	B-C			
168	"	"			
169	Flashing	B-C			
170	"	"			
171	Req Field	B-D			
172	"	"			
173	Flashing	B-D			
174	"	"			
175	Req Field	B-E			
FM-176	"				

Comments / Special Instructions / Notes:

☒ Positive Stop per group

☒ Analyze PLM then TEM if negative AND NOB

email results to - rbarr27@yahoo.com

870 po 6.16.08 2:55 PM

Received By:

Sampled / Relinquished By:

Date and Time:

140802902

Survey Date \_\_\_\_\_  
 Number of Samples \_\_\_\_\_  
 Results Due By \_\_\_\_\_

Lilo Project 07-21-104  
 JMD Services Project Number  
 MOWAN-B FOREMAN  
 Type of Survey and Address  
 Owner / Agent

Field Sample #	Material Description	Location	Amount	Cnd	F/NF
Fm - 177	Flashing	B-E			
178	"	"			
179	Red Field	B-F			
180	"	"			
181	Flashing	B-F			
182	"	"			
183	Red Field	B-G			
184	"	"			
185	Flashing	B-G			
186	"	"			
187	Red Field	B-H			
188	"	"			
189	Flashing	B-H			
190	"	"			
191	Red Field	B-I			
192	"				

Comments / Special Instructions / Notes:  
☒ Positive Stop per group  
☒ Analyze PLM then TEM if negative AND NOB  
 email results to - rbarr2@yahoo.com  
 B7P DO 6.10.08 2:55 PM  
 Received By:



1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

140802902

LiB Proj 08-21-10 JMD Services Project Number MIDOWN - B. Folman Type of Survey and Address			Survey Date 24 HR 48 HR 3 DAY Per Lih Number of Samples Results Due By		
Owner / Agent					
Field Sample #	Material Description	Location	Amount	Con	F/NF
Fm-193	Flashing	B-I			
194	"	"			
195	Red Field	B-J			
196	"	"			
197	Flashing	B-J			
198	"	"			
199	Red Field	B-K			
200	"	"			
201	Flashing	B-K			
202	"	"			
203	Coping Tar	B-A			
204	Coping Paper	B-D			
205	Coping Tar	B-A			
206	Gypsum Deck	B-C			
207	"	B-D			
Fm-207					
Comments / Special Instructions / Notes: <input checked="" type="checkbox"/> Positive Stop per group <input checked="" type="checkbox"/> Analyze PLM then TEM if negative AND NOB email results to - rbarr27@yahoo.com Bm 6.10.08 Do 2:55 PM Received By:					
Sampled / Relinquished By		Date and Time			

JMD  
SERVICES

1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

C

**EMSL Analytical, Inc.**

490 Rowley Road, Depew, NY 14043

Phone: (716) 651-0030 Fax: (716) 651-0394 Email: [buffalolab@emsl.com](mailto:buffalolab@emsl.com)

Attn: **Jason Colvin**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
 Project: **08-21-104, Midtown - Forman's**

Customer ID: LIRO50  
 Customer PO:  
 Received: 06/10/08 2:55 PM  
 EMSL Order: 140802902  
 EMSL Proj: Midtown  
 Analysis Date: 6/13/2008  
 Report Date: 6/16/2008

### Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY State ELAP 198.6 Method

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
FM-145 140802902-0003	roof field	Black	99.6	None	Inconclusive : <1 Chrysotile <1 <b>Total All Types</b>
FM-146 140802902-0004	roof field	Black	93.3	None	6.7 Chrysotile 6.7 <b>Total All Types</b>
FM-147 140802902-0005	flashing	Black	99.4	None	Inconclusive : <1 Chrysotile <1 <b>Total All Types</b>
FM-148 140802902-0006	flashing	Black	95.4	None	4.6 Chrysotile 4.6 <b>Total All Types</b>
FM-149 140802902-0007	rolled roofing	Gray	98.2	None	1.8 Chrysotile 1.8 <b>Total All Types</b>
FM-150 140802902-0008	rolled roofing	Gray			
Not Analyzed Positive stop					
FM-151 140802902-0009	roof field	Black	99.9	None	Inconclusive : <1 Chrysotile <1 <b>Total All Types</b>
FM-152 140802902-0010	roof field	Black	99.9	None	Inconclusive : <1 Chrysotile <1 <b>Total All Types</b>
FM-153 140802902-0011	flashing	Black	100.0	None	Inconclusive: No Asbestos Detected

Analyst(s)

Andrew Maciejewski (18)  
 Rachel Giese (33)

Rhonda McGee, Laboratory Manager  
 or other approved signatory

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ACCREDITATIONS: NVLAP #200056-0 and NY STATE ELAP #11606

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**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
Project: **08-21-104, Midtown - Forman's**

Customer ID: LIRO50  
Customer PO:  
Received: 06/10/08 2:55 PM  
EMSL Order: 140802902  
  
EMSL Proj: Midtown  
Analysis Date: 6/13/2008  
Report Date: 6/16/2008

**Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY  
State ELAP 198.6 Method**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
FM-154 140802902-0012	flashing	Black	86.2	None	13.8 Chrysotile 13.8 <b>Total All Types</b>
FM-155 140802902-0013	rolled roofing	Gray	100.0	None	Inconclusive: No Asbestos Detected
FM-156 140802902-0014	rolled roofing	Gray	100.0	None	Inconclusive: No Asbestos Detected
FM-157 140802902-0015	roof field	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-158 140802902-0016	roof field	Black	88.0	None	12.0 Chrysotile 12.0 <b>Total All Types</b>
FM-159 140802902-0017	flashing	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-160 140802902-0018	flashing	Black	99.9	None	Inconclusive : <1 Chrysotile <1 <b>Total All Types</b>
FM-161 140802902-0019	rolled roofing	Gray	100.0	None	Inconclusive: No Asbestos Detected
FM-162 140802902-0020	rolled roofing	Gray	100.0	None	Inconclusive: No Asbestos Detected
FM-163 140802902-0021	roof field	Black	100.0	None	Inconclusive: No Asbestos Detected

Analyst(s)

Andrew Maciejewski (18)  
Rachel Giese (33)

Rhonda McGee, Laboratory Manager  
or other approved signatory

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### Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY State ELAP 198.6 Method

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
FM-164 140802902-0022	roof field	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-165 140802902-0023	flashing	Black	97.8	None	2.2 Chrysotile 2.2 <b>Total All Types</b>
FM-166 140802902-0024	flashing	Black			
Not Analyzed Positive stop					
FM-167 140802902-0025	roof field	Black	99.7	None	Inconclusive : <1 Chrysotile <1 <b>Total All Types</b>
FM-168 140802902-0026	roof field	Black	99.9	None	Inconclusive : <1 Chrysotile <1 <b>Total All Types</b>
FM-169 140802902-0027	flashing	Black	96.5	None	3.5 Chrysotile 3.5 <b>Total All Types</b>
FM-170 140802902-0028	flashing	Black			
Not Analyzed Positive stop					
FM-171 140802902-0029	roof field	Black	99.5	None	Inconclusive : <1 Chrysotile <1 <b>Total All Types</b>

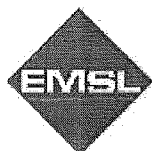
Analyst(s)

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 Rachel Giese (33)

Rhonda McGee, Laboratory Manager  
 or other approved signatory

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Project: **08-21-104, Midtown - Forman's**

Customer ID: LIRO50  
Customer PO:  
Received: 06/10/08 2:55 PM  
EMSL Order: 140802902  
EMSL Proj: Midtown  
Analysis Date: 6/13/2008  
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**Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY  
State ELAP 198.6 Method**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
FM-172 140802902-0030	roof field	Black	100.0	None	Inconclusive : <1 Chrysotile <1 <b>Total All Types</b>
FM-173 140802902-0031	flashing	Black	97.8	None	2.2 Chrysotile 2.2 <b>Total All Types</b>
FM-174 140802902-0032	flashing	Black			
Not Analyzed Positive stop					
FM-175 140802902-0033	roof field	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-176 140802902-0034	roof field	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-177 140802902-0035	flashing	Black	99.0	None	1.0 Chrysotile 1.0 <b>Total All Types</b>
FM-178 140802902-0036	flashing	Black			
Not Analyzed Positive stop					
FM-179 140802902-0037	roof field	Black	100.0	None	Inconclusive: No Asbestos Detected

Analyst(s)

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Rachel Giese (33)

Rhonda McGee, Laboratory Manager  
or other approved signatory

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**Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY  
State ELAP 198.6 Method**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
FM-180 140802902-0038	roof field	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-181 140802902-0039	flashing	Black	97.8	None	2.2 Chrysotile 2.2 <b>Total All Types</b>
FM-182 140802902-0040	flashing	Black			
Not Analyzed Positive stop					
FM-183 140802902-0041	roof field	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-184 140802902-0042	roof field	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-185 140802902-0043	flashing	Black	99.5	None	Inconclusive : <1 Chrysotile <1 <b>Total All Types</b>
FM-186 140802902-0044	flashing	Black	98.1	None	1.9 Chrysotile 1.9 <b>Total All Types</b>
FM-187 140802902-0045	roof field	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-188 140802902-0046	roof field	Black	100.0	None	Inconclusive: No Asbestos Detected

Analyst(s)

*Andrew Maciejewski (18)*  
*Rachel Giese (33)*

Rhonda McGee, Laboratory Manager  
or other approved signatory

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**Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY  
State ELAP 198.6 Method**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
FM-189 140802902-0047	flashing	Black	98.4	None	1.6 Chrysotile 1.6 <b>Total All Types</b>
FM-190 140802902-0048	flashing	Black			
Not Analyzed Positive stop					
FM-191 140802902-0049	roof field	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-192 140802902-0050	roof field	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-193 140802902-0051	flashing	Black	97.8	None	2.2 Chrysotile 2.2 <b>Total All Types</b>
FM-194 140802902-0052	flashing	Black			
Not Analyzed Positive stop					
FM-195 140802902-0053	roof field	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-196 140802902-0054	roof field	Black	100.0	None	Inconclusive: No Asbestos Detected

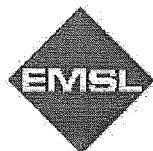
Analyst(s)

Andrew Maciejewski (18)  
Rachel Giese (33)

Rhonda McGee, Laboratory Manager  
or other approved signatory

\*Polarized Light Microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative Transmission Electron Microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. The test results contained within this report meet the requirements of NELAC unless otherwise noted. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. The above test report relates only to the items tested. EMSL bears no responsibility for sample collection activities or analytical method limitations. Unless otherwise noted, the results in this report have not been blank corrected. Samples received in good condition unless otherwise noted.

ACCREDITATIONS: NVLAP #200056-0 and NY STATE ELAP #11606

**EMSL Analytical, Inc.**

490 Rowley Road, Depew, NY 14043

Phone: (716) 651-0030 Fax: (716) 651-0394 Email: [buffalolab@emsl.com](mailto:buffalolab@emsl.com)

Attn: **Jason Colvin**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476

Project: **08-21-104, Midtown - Forman's**

Customer ID: LIRO50  
Customer PO:  
Received: 06/10/08 2:55 PM  
EMSL Order: 140802902  
  
EMSL Proj: Midtown  
Analysis Date: 6/13/2008  
Report Date: 6/16/2008

**Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY  
State ELAP 198.6 Method**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
FM-197 140802902-0055	flashing	Black	97.6	None	2.4 Chrysotile 2.4 Total All Types
FM-198 140802902-0056	flashing	Black			
Not Analyzed Positive stop					
FM-199 140802902-0057	roof field	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-200 140802902-0058	roof field	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-201 140802902-0059	flashing	Black	82.2	None	17.8 Chrysotile 17.8 Total All Types
FM-202 140802902-0060	flashing	Black			
Not Analyzed Positive stop					
FM-203 140802902-0061	coping tar	Black	100.0	None	Inconclusive: No Asbestos Detected
FM-204 140802902-0062	coping paper	Black	100.0	None	Inconclusive: No Asbestos Detected

Analyst(s)

Andrew Maciejewski (18)

Rachel Giese (33)

Rhonda McGee, Laboratory Manager  
or other approved signatory

\*Polarized Light Microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative Transmission Electron Microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. The test results contained within this report meet the requirements of NELAC unless otherwise noted. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. The above test report relates only to the items tested. EMSL bears no responsibility for sample collection activities or analytical method limitations. Unless otherwise noted, the results in this report have not been blank corrected. Samples received in good condition unless otherwise noted.

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Attn: **Jason Colvin**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
Project: **08-21-104, Midtown - Forman's**

Customer ID: LIRO50  
Customer PO:  
Received: 06/10/08 2:55 PM  
EMSL Order: 140802902  
EMSL Proj: Midtown  
Analysis Date: 6/13/2008  
Report Date: 6/16/2008

**Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY  
State ELAP 198.6 Method**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
FM-205 140802902-0063	coping tar	Black	100.0	None	Inconclusive: No Asbestos Detected

Analyst(s)

*Andrew Maciejewski (18)*  
*Rachel Giese (33)*

Rhonda McGee, Laboratory Manager  
or other approved signatory

\*Polarized Light Microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative Transmission Electron Microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. The test results contained within this report meet the requirements of NELAC unless otherwise noted. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. The above test report relates only to the items tested. EMSL bears no responsibility for sample collection activities or analytical method limitations. Unless otherwise noted, the results in this report have not been blank corrected. Samples received in good condition unless otherwise noted.

ACCREDITATIONS: NVLAP #200056-0 and NY STATE ELAP #11606

**EMSL Analytical, Inc.**

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Attn: **Jason Colvin**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
Project: **08-21-104, Midtown - Forman's**

Customer ID: LIRO50  
Customer PO:  
Received: 06/10/08 2:55 PM  
EMSL Order: 140802902  
EMSL Proj: Midtown  
Analysis Date: 6/16/2008  
Report Date: 6/16/2008

**Asbestos Analysis of Non-Friable Organically Bound materials by Transmission  
Electron Microscopy via NYS ELAP Method 198.4**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
FM-151 140802902-0009	roof field	Black	100.0	None	<1% Chrysotile	<1
FM-152 140802902-0010	roof field	Black	99.8	None	<1% Chrysotile	<1
FM-155 140802902-0013	rolled roofing	Gray	100.0	None	No Asbestos Detected	
FM-156 140802902-0014	rolled roofing	Gray	100.0	None	No Asbestos Detected	
FM-159 140802902-0017	flashing	Black	95.6	4.4 Fibrous (other)	No Asbestos Detected	
FM-160 140802902-0018	flashing	Black	96.1	3.9 Fibrous (other)	No Asbestos Detected	
FM-161 140802902-0019	rolled roofing	Gray	100.0	None	No Asbestos Detected	
FM-162 140802902-0020	rolled roofing	Gray	100.0	None	No Asbestos Detected	
FM-163 140802902-0021	roof field	Black	100.0	None	No Asbestos Detected	
FM-164 140802902-0022	roof field	Black	100.0	None	No Asbestos Detected	

Analyst(s)

Rhonda McGee (31)

Rhonda McGee, Laboratory Manager  
or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

ACCREDITATIONS: NVLAP #200056-0 and NY STATE ELAP #11606

**EMSL Analytical, Inc.**

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Attn: **Jason Colvin**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
Project: **08-21-104, Midtown - Forman's**

Customer ID: LIRO50  
Customer PO:  
Received: 06/10/08 2:55 PM  
EMSL Order: 140802902  
EMSL Proj: Midtown  
Analysis Date: 6/16/2008  
Report Date: 6/16/2008

**Asbestos Analysis of Non-Friable Organically Bound materials by Transmission  
Electron Microscopy via NYS ELAP Method 198.4**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
FM-167 140802902-0025	roof field	Black	99.5	None	<1% Chrysotile	<1
FM-168 140802902-0026	roof field	Black	99.8	None	<1% Chrysotile	<1
FM-171 140802902-0029	roof field	Black	99.5	None	<1% Chrysotile	<1
FM-172 140802902-0030	roof field	Black	100.0	None	<1% Chrysotile	<1
FM-175 140802902-0033	roof field	Black	100.0	None	No Asbestos Detected	
FM-176 140802902-0034	roof field	Black	100.0	None	No Asbestos Detected	
FM-179 140802902-0037	roof field	Black	100.0	None	No Asbestos Detected	
FM-180 140802902-0038	roof field	Black	100.0	None	No Asbestos Detected	
FM-183 140802902-0041	roof field	Black	100.0	None	No Asbestos Detected	
FM-184 140802902-0042	roof field	Black	100.0	None	No Asbestos Detected	

Analyst(s)

Rhonda McGee (31)

Rhonda McGee, Laboratory Manager  
or other approved signatory

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Attn: **Jason Colvin**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Customer ID: LIRO50  
Customer PO:  
Received: 06/10/08 2:55 PM  
EMSL Order: 140802902

Fax: (716) 882-9640 Phone: (716) 882-5476  
Project: 08-21-104, Midtown - Forman's

EMSL Proj: Midtown  
Analysis Date: 6/16/2008  
Report Date: 6/16/2008

**Asbestos Analysis of Non-Friable Organically Bound materials by Transmission  
Electron Microscopy via NYS ELAP Method 198.4**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
FM-187 140802902-0045	roof field	Black	100.0	None	No Asbestos Detected	
FM-188 140802902-0046	roof field	Black	100.0	None	No Asbestos Detected	
FM-191 140802902-0049	roof field	Black	100.0	None	No Asbestos Detected	
FM-192 140802902-0050	roof field	Black	100.0	None	No Asbestos Detected	
FM-195 140802902-0053	roof field	Black	100.0	None	No Asbestos Detected	
FM-196 140802902-0054	roof field	Black	100.0	None	No Asbestos Detected	
FM-199 140802902-0057	roof field	Black	100.0	None	No Asbestos Detected	
FM-200 140802902-0058	roof field	Black	100.0	None	No Asbestos Detected	
FM-203 140802902-0061	coping tar	Black	96.1	3.9 Fibrous (other)	No Asbestos Detected	
FM-204 140802902-0062	coping paper	Black	100.0	None	No Asbestos Detected	

Analyst(s)

Rhonda McGee (31)

Rhonda McGee, Laboratory Manager  
or other approved signatory

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Attn: **Jason Colvin**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Customer ID: LIRO50  
Customer PO:  
Received: 06/10/08 2:55 PM  
EMSL Order: 140802902

Fax: (716) 882-9640 Phone: (716) 882-5476  
Project: **08-21-104, Midtown - Forman's**

EMSL Proj: Midtown  
Analysis Date: 6/16/2008  
Report Date: 6/16/2008

**Asbestos Analysis of Non-Friable Organically Bound materials by Transmission  
Electron Microscopy via NYS ELAP Method 198.4**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
FM-205 140802902-0063	coping tar	Black	96.2	3.8 Fibrous (other)	No Asbestos Detected	

Analyst(s)

Rhonda McGee (31)

Rhonda McGee, Laboratory Manager  
or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

ACCREDITATIONS: NVLAP #200056-0 and NY STATE ELAP #11606

**EMSL Analytical, Inc.**

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Phone: (716) 651-0030 Fax: (716) 651-0394 Email: [buffalolab@emsl.com](mailto:buffalolab@emsl.com)

Attn: **Jason Colvin**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
Project: **08-21-104, Midtown - Forman's**

Customer ID: LIRO50  
Customer PO:  
Received: 06/10/08 2:55 PM  
EMSL Order: 140802902  
EMSL Proj: Midtown  
Analysis Date: 6/11/2008  
Report Date: 6/16/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
FM-206 140802902-0001	gypsum deck	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
FM-207 140802902-0002	gypsum deck	Gray Fibrous Homogeneous	1.00% Cellulose	99.00% Non-fibrous (other)	None Detected

Analyst(s)

Tom Hanes (2)

Rhonda McGee, Laboratory Manager  
or other approved signatory

PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Unless otherwise noted, the results in this report have not been blank corrected. Samples received in good condition unless otherwise noted.

Analysis performed by EMSL Buffalo (NVLAP #200056-0), NY ELAP #11606



140803230

Libo Project 08-21-104

JMD Services Project Number

MIDTOWN- MONTAIN MALL

Type of Survey and Address

Survey Date

24 HR 48 HR 3 DAY

5 Day

Owner / Agent

Number of Samples

Results Due By

Field Sample #	Material Description	Location	Amount	End	F/NF
MM-58	Drywall Comp	Midtown Towers			
59	↓	"			
60	↓	"			
61	Drywall Comp	Am Coliseum Clothing			
62	↓	↓			
63	↓	↓			
64	Drywall Comp	US Air			
65	↓	↓			
66	↓	↓			
67	Drywall Comp	Wal-Mart Optical			
68	↓	↓			
69	↓	↓			
70	Limestone	Frontier Book Store			
71	"	"			
72	Win Calk/Glaze	"			
MM-73		"			

Comments / Special Instructions / Notes:

☒ Positive Stop per group☒ Analyze PLM then TEM if negative AND NOB

email results to - rburr27@yahoo.com

Pulber

JMD

DO

6/20/08 4:00pm

Sampled / Relinquished By

Date and Time

Received By

JMD  
SERVICES

1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

1408063339

Lila Project 08-21-104  
JMD Services Project Number

MUDON - PIOTAN WALL  
Type of Survey and Address

Owner - Agent

Survey Date

24 HR 48 HR 3 DAY

Number of Samples

Results Due By

Field Sample #	Material Description	Location	Amount	Chd	F/NF
MM- 74	Drywall Comp	Flanigan			
75	↓	↓			
76					
77	Drywall Comp	Flanigan			
78	↓	↓			
79					
80	Drywall Compound	Wilson's leather			
81	↓	↓			
82					
83	Drywall Compound	Brads Smith			
84	↓	↓			
85					
86	2x Wall Panel Mastic	Scranton's / Jett's			
87	"	"			
88	Drywall Compound	↓			
MM- 89					

Comments: Special Instructions: Notes:

X Positive Stop per group

X Analyze PEM then TEM if negative AND NOB

email results to - rharr27@yahoo.com

Sampled / Relinquished By

Date and Time

Received By

JMD

1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

140806330

JMD Services Project Number

MIDTOWN ~~NEW~~ MIDTOWN MALL

Type of Survey and Address

Survey Date

24 HR 48 HR 7DAY

Number of Samples

Results Due By

Owner / Agent

Field Sample #	Material Description	Location	Amount	Cbd	F/NF
90	Dynalene Compound	Scramton's / Jaffs			
91	Corian Glue	NYC clothing			
92	"				
93	Plaster				
94					
95					
96	MASTIC ON VINYL CASE				
97					
98	Dynalene Comp				
99					
100					
101	Terrazzo Flooring	M & T under carpet			
102					
103	Dynalene Comp	M & T			
104					
105					

Comments: Special Instructions: Note

☒ Positive Strip per group☒ Analyze PLM then TEM if negative AND NOBemail results to [rbarr2@ayvation.com](mailto:rbarr2@ayvation.com)

Sampled / Relinquished By

Date and Time

Received By

JMD

1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

140803230

L140 Project 09-21-104

JMD Services Project Number

Midtown - Midtown Mall

Type of Survey and Address

Owner / Agent

24 HR 48 HR 7 DAY

Survey Date

Number of Samples

Results Due By

Field Sample #	Material Description	Location	Amount	Case	Time
MM-106	Drywall Compound	Recessed Theatre			
107	↓	↓			
108	↓				
109	Carb Mastie	Cebschon			
110	"				
111	Drywall Compound				
112	↓				
113	↓				
114	Plaster	American Air / GNC			
115	↓				
116	↓				
117	Drywall Compound				
118	↓				
119	↓				
120	Wire / Door Caulk	Speedy's			
MM-121	↓				

Comments / Special Instructions / Notes:

☒ Positive Stop per group☒ Analyze PLM then TEM if negative AND NOB

email results to - rbarr27@yahoo.com

Tm 14

DO 6/20/08 4:02pm

Sampled / Reinquished By

Received By

JMD SERVICES

1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

140803230

Libo Project 08-21-104

JMD Services Project Number

MISTOWN - MISTOWN MALL

Type of Survey and Address

Owner / Agent

Survey Date

Number of Samples

Results Due By

24 HR 48 HR 7 DAY

5 May

Field Sample #	Material Description	Location	Amount	End	Time
MM-122	Drywall Compound	Speedy's			
123		↓			
124					
125	Drywall Compound	Mark Jefferies			
126		↓			
127					
128	Drywall Compound	All day Sursey			
129		↓			
130					
131	Mastic on Vinyl Core Dring	Scott's Hallmark			
132	"	↓			
133	Drywall Compound				
134		↓			
135					
136	Ceramic Tile Grout	A.D. Flint			
137	"	"			

Comments / Special Instructions / Notes:

☒ Positive Stop per group

☒ Analyze ~~PLM~~ when TEM if negative AND NOB

email results to - rbarr27@yahoo.com

MM-122 00 6/20/08 4:00 pm

Sampled / Reinquished By	Date and Time	Received By



1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

140803230

Life Project 08-21-104

JMD Services Project Number

MIDTOWN - MIDTOWN MALL

Type of Survey and Address

Owner / Agent

Survey Date

24 HR 48 HR 3 DAY

Number of Samples

Results Due By

Field Sample #	Material Description	Location	Amount	End	Time
MM - 137	Plaster	A.D. Flint			
138	↓				
139					
140	Drywall Compound				
141	↓				
142					
143	Drywall Compound	Cast Factory			
144	↓				
145					
146	Ceramic Tile Grout	Oasis & Hall			
147	"	"			
148	Ceramic Tile Grout (Red)				
149	"				
149	Drywall Comp + Stucco				
150	↓				
MM - 151	↓				

Comments / Special Instructions / Notes:

☒ Positive Stop per group☒ Analyze PLM then TEM if negative AND NOB

email results to - rbarr27@yahoo.com

Rbarr

Do. 6/20/08 4:00 pm

Sampled/Relinquished By

Date and Time

Received By

JMD  
SERVICES

1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

140803230

Lith Project 08-21-104

JMD Services Project Number

MIDOWN - MIDOWN WALL

Type of Survey and Address

Owner / Agent

Survey Date

24 HR 48 HR 72 HR

Number of Samples

Results Due By

Field Sample #	Material Description	Location	Amount	Conc	F/NE
MM- 152	Plaster	Kaybee Toys			
153	↓				
154	↓				
155	Plaster on Exterior Overhang	Wall exterior mnt			
156	↓				
157	↓				
158	↓				
MM- 159	↓				
160	Floor Concrete	RAMP / GARAGE			
161	↓				
162	Expansion Joint				
163	↓				
164	Expansion Joint				
165	↓				
166	Door/Window Calk				
167	↓				

Comments / Special Instructions / Notes:

☒ Positive Stop per group☒ Analyze PLM then TEM if negative AND NOB

email results to - rbart27@yahoo.com

V. Bar

6/20/08 DO 4:00 pm

Sampled / Relinquished By

Date and Time

Received By:

JMD  
SERVICES

1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

**EMSL Analytical, Inc.**

490 Rowley Road, Depew, NY 14043

Phone: (716) 651-0030 Fax: (716) 651-0394 Email: [buffalolab@emsl.com](mailto:buffalolab@emsl.com)

Attn: **Jason Colvin**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
Project: **Midtown - Midtown Mall**

Customer ID: LIRO50  
Customer PO:  
Received: 06/20/08 4:00 PM  
EMSL Order: 140803230  
EMSL Proj: Midtown  
Analysis Date: 6/26/2008  
Report Date: 6/26/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
MM-58 140803230-0001	midtown tailors	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-59 140803230-0002	midtown tailors	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-60 140803230-0003	midtown tailors	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-61 140803230-0004	coliseum clothing	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-62 140803230-0005	coliseum clothing	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-63 140803230-0006	coliseum clothing	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-64 140803230-0007	US air	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-65 140803230-0008	US air	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-66 140803230-0009	US air	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-67 140803230-0010	waldert optical	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

## Analyst(s)

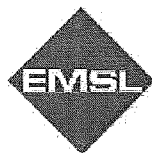
Andrew Maciejewski (56)  
Brian Walczak (28)

Rhonda McGee, Laboratory Manager  
or other approved signatory

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Analysis performed by EMSL Buffalo (NVLAP #200056-0), NY ELAP #11606



**EMSL Analytical, Inc.**

490 Rowley Road, Depew, NY 14043

Phone: (716) 651-0030 Fax: (716) 651-0394 Email: [buffalolab@emsl.com](mailto:buffalolab@emsl.com)

Attn: **Jason Colvin**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
 Project: **Midtown - Midtown Mall**

Customer ID: LIRO50  
 Customer PO:  
 Received: 06/20/08 4:00 PM  
 EMSL Order: 140803230  
 EMSL Proj: Midtown  
 Analysis Date: 6/26/2008  
 Report Date: 6/26/2008

**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
MM-68 140803230-0011	waldert optical	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-69 140803230-0012	waldert optical	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-74 140803230-0013	finder	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-75 140803230-0014	finder	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-76 140803230-0015	finder	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-77 140803230-0016	flower box	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-78 140803230-0017	flower box	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-79 140803230-0018	flower box	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-80 140803230-0019	wilson's leather	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-81 140803230-0020	wilson's leather	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

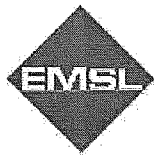
Analyst(s)

Andrew Maciejewski (56)  
 Brian Walczak (28)

Rhonda McGee, Laboratory Manager  
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**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
MM-82 140803230-0021	wilson's leather	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-83 140803230-0022	brads sweets	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-84 140803230-0023	brads sweets	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-85 140803230-0024	brads sweets	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-88 140803230-0025	scrantons/jeffs	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-89 140803230-0026	scrantons/jeffs	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-90 140803230-0027	scranton's/jeffs	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-93 140803230-0028	NYC clothing	Gray/White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-94 140803230-0029	NYC clothing	Gray/White Fibrous Heterogeneous	2.00% Cellulose	98.00% Non-fibrous (other)	None Detected
MM-95 140803230-0030	NYC clothing	Gray/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	None Detected

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**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
MM-98 140803230-0031	NYC clothing	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-99 140803230-0032	NYC clothing	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-100 140803230-0033	NYC clothing	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-101 140803230-0034	M&T under carpet	Tan Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-102 140803230-0035	M&T under carpet	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-103 140803230-0036	M&T	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-104 140803230-0037	M&T	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-105 140803230-0038	M&T	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-106 140803230-0039	record theatre	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-107 140803230-0040	record theatre	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

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**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
MM-108 140803230-0041	record theatre	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-111 140803230-0042	cabochon	Cream Fibrous Homogeneous	5.00% Cellulose	94.25% Non-fibrous (other)	0.75% Chrysotile
MM-112 140803230-0043	cabochon				Insufficient Material
No joint compound present					
MM-113 140803230-0044	cabochon	Gray Fibrous Homogeneous	5.00% Cellulose	93.40% Non-fibrous (other)	1.60% Chrysotile
MM-114 140803230-0045	american air/GNC	Gray/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	None Detected
MM-115 140803230-0046	american air/GNC	Gray/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	None Detected
MM-116 140803230-0047	american air/GNC	Gray/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	None Detected
MM-117 140803230-0048	american air/GNC	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-118 140803230-0049	american air/GNC	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-119 140803230-0050	american air/GNC	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

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**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
MM-122 140803230-0051	speedy's	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-123 140803230-0052	speedy's	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-124 140803230-0053	speedy's	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-125 140803230-0054	Mark Jefferies	White Fibrous Homogeneous	2.00% Cellulose	98.00% Non-fibrous (other)	None Detected
MM-126 140803230-0055	Mark Jefferies	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-127 140803230-0056	Mark Jefferies	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-128 140803230-0057	all day sunoay	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-129 140803230-0058	all day sunoay	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-130 140803230-0059	all day sunoay	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-133 140803230-0060	Scott's hallmark	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

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**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
MM-134 140803230-0061	Scott's hallmark	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-135 140803230-0062	Scott's hallmark	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-136 140803230-0063	AD flint	Cream Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-137 140803230-0064	AD flint	Cream Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-137 140803230-0065	AD flint	Gray/White Non-Fibrous Heterogeneous	grout	100.00% Non-fibrous (other)	None Detected
MM-138 140803230-0066	AD flint	Gray/White Non-Fibrous Heterogeneous	plaster	100.00% Non-fibrous (other)	None Detected
MM-139 140803230-0067	AD flint	Gray/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	None Detected
MM-140 140803230-0068	AD flint	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-141 140803230-0069	AD flint	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-142 140803230-0070	AD flint	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

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**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
MM-143 140803230-0071	coat factory	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-144 140803230-0072	coat factory	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-145 140803230-0073	coat factory	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-146 140803230-0074	oasis & hall	Tan Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-147 140803230-0075	oasis & hall	Tan Fibrous Homogeneous	5.00% Cellulose	95.00% Non-fibrous (other)	None Detected
MM-148 140803230-0076	oasis & hall	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-149 140803230-0077	oasis & hall	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-149 140803230-0078	oasis & hall	Gray Non-Fibrous Homogeneous	grout	100.00% Non-fibrous (other)	None Detected
MM-150 140803230-0079	oasis & hall	Gray Fibrous Homogeneous	4.00% Cellulose	96.00% Non-fibrous (other)	None Detected
MM-151 140803230-0080	oasis & hall	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
			Unable to separate		

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**Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
MM-152 140803230-0081	kaybee toys	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-153 140803230-0082		White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
MM-154 140803230-0083		Gray/White Non-Fibrous Heterogeneous		100.00% Non-fibrous (other)	None Detected
MM-155 140803230-0084	mall exterior M&T	White Fibrous Homogeneous	5.00% Cellulose	94.50% Non-fibrous (other)	0.50% Chrysotile
MM-156 140803230-0085	mall exterior M&T	Gray Fibrous Homogeneous	5.00% Cellulose	92.70% Non-fibrous (other)	2.30% Chrysotile
MM-157 140803230-0086	mall exterior M&T				Positive Stop
MM-158 140803230-0087	mall exterior M&T				Positive Stop
MM-159 140803230-0112	mall exterior M&T				Positive Stop

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140804293

JMD Services Project Number		24 HR 48 HR 3 DAY	
Midtown Exterior		6-10 day	
Type of Survey and Address	Owner / Agent	Survey Date	Results Due By
		8/1/08	8/1/08
		Number of Samples	10
Field Sample #	Material Description	Location	Amount
ME01	CAULK	Euclid St Entrance	
ME02	"	"	
ME03	CAULK	MINUTE MAN	
ME04	"	"	
ME05	CAULK	IN BETWEEN BLUE MARBLE	
ME06	"	"	
ME07	CAULK	CLINTON ST DOOR	
ME08	"	"	
ME09	CAULK	MARBLE MEETS SIDEWALK - McCurdy's Bldg	
ME10	"	" - B. Forman Bldg	
Comments / Special Instructions / Notes:			
<input type="checkbox"/> Positive Stop per group <input checked="" type="checkbox"/> Analyze PLM then TEM if negative AND NOB			
		email results to - rbarr27@yahoo.com 8/1/08 5 pm	
Sampled / Requisitioned By		Received By	

JMD  
SERVICES

1815 Love Road, Grand Island, NY 14072

(716) 773-3400 phone (716) 773-3456 fax

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Customer PO:  
Received: 08/01/08 5:00 PM  
EMSL Order: 140804293  
EMSL Proj: Midtown  
Analysis Date: 8/6/2008  
Report Date: 8/13/2008

**Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY  
State ELAP 198.6 Method**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	
01 140804293-0001	caulk	White	99.7	None	Inconclusive : <1 Chrysotile <1 Total All Types	Euclid
02 140804293-0002	caulk	White	99.9	None	Inconclusive : <1 Chrysotile <1 Total All Types	Euclid
03 140804293-0003	caulk	Black	99.4	None	Inconclusive : <1 Chrysotile <1 Total All Types	Euclid
04 140804293-0004	caulk	Black	99.5	None	Inconclusive : <1 Chrysotile <1 Total All Types	Euclid
05 140804293-0005	caulk	Black	100.0	None	Inconclusive: No Asbestos Detected	McCurdy
06 140804293-0006	caulk	Black	100.0	None	Inconclusive: No Asbestos Detected	McCurdy
07 140804293-0007	caulk	Gray	100.0	None	Inconclusive: No Asbestos Detected	Mall
08 140804293-0008	caulk	Gray	100.0	None	Inconclusive: No Asbestos Detected	Mall
09 140804293-0009	caulk	Black/Gray	100.0	None	Inconclusive: No Asbestos Detected	McCurdy
10 140804293-0010	caulk	Black/Gray	100.0	None	Inconclusive: No Asbestos Detected	B. Forman

Analyst(s)

Andrew Maciejewski (5)  
Rachel Giese (5)

Rhonda McGee, Laboratory Manager  
or other approved signatory

\*Polarized Light Microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative Transmission Electron Microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. The test results contained within this report meet the requirements of NELAC unless otherwise noted. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. The above test report relates only to the items tested. EMSL bears no responsibility for sample collection activities or analytical method imitations. Unless otherwise noted, the results in this report have not been blank corrected. Samples received in good condition unless otherwise noted.

ACCREDITATIONS: NVLAP #200056-0 and NY STATE ELAP #11606

**EMSL Analytical, Inc.**

490 Rowley Road, Depew, NY 14043

Phone: (716) 651-0030 Fax: 7166510394 Email: [buffalolab@emsl.com](mailto:buffalolab@emsl.com)

Attn: **Jason Colvin**  
**Liro Group**  
**690 Delaware Avenue**  
**Buffalo, NY 14209**

Fax: (716) 882-9640 Phone: (716) 882-5476  
Project: **Midtown Exterior**

Customer ID: LIRO50  
Customer PO:  
Received: 08/01/08 5:00 PM  
EMSL Order: 140804293  
  
EMSL Proj: Midtown  
Analysis Date: 8/13/2008  
Report Date: 8/13/2008

**Asbestos Analysis of Non-Friable Organically Bound materials by Transmission  
Electron Microscopy via NYS ELAP Method 198.4**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
01 140804293-0001	caulk	White	99.8	None	<1% Chrysotile	<1 <i>Euclid</i>
02 140804293-0002	caulk	White	99.8	None	<1% Chrysotile	<1 <i>Euclid</i>
03 140804293-0003	caulk	Black	98.1	None	1.9% Chrysotile	1.9 <i>Euclid</i>
04 140804293-0004	caulk	Black	98.2	None	1.8% Chrysotile	1.8 <i>Euclid</i>
05 140804293-0005	caulk	Black	100.0	None	No Asbestos Detected	<i>McCurdy</i>
06 140804293-0006	caulk	Black	100.0	None	No Asbestos Detected	<i>McCurdy</i>
07 140804293-0007	caulk	Gray	100.0	None	No Asbestos Detected	<i>mall</i>
08 140804293-0008	caulk	Gray	100.0	None	No Asbestos Detected	<i>mall</i>
09 140804293-0009	caulk	Black/Gray	100.0	None	No Asbestos Detected	<i>McCurdy</i>
10 140804293-0010	caulk	Black/Gray	100.0	None	No Asbestos Detected	<i>B. Forman</i>

Analyst(s)

Rhonda McGee (10)

Rhonda McGee, Laboratory Manager  
or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

ACCREDITATIONS: NVLAP #200056-0 and NY STATE ELAP #11606

**LIRo Engineers, Inc.**  
**ENVIRONMENTAL & ENGINEERING SERVICES**

690 Delaware Avenue  
Buffalo, New York 14209  
Tel. 716-882-5476 / Fax 716-882-9640

## Bulk Sampling Chain of Custody Form

<b>LIRo Job:</b>	
<b>Job Name:</b>	Midtown Plaza
<b>Job Location:</b>	Midtown Plaza, Rochester NY
<b>Building /Site:</b>	B. Forman

**FAX Results to:** 716-882-9640  
**attention:** Jason Colvin  
**email results to:** [colvinj@iirto.com](mailto:colvinj@iirto.com)  
**Turn-Around-Time:** 3 day

[illegible]

**Comments:** First positive stop for each "ACM Code" Group

Analyze NYS friables via PLM only. Analyze NYS NOB via PLM to TEM.

Relinquished By (Signature)	Date / Time	Received By (Signature)	Date / Time
<i>John Colvin</i>	11/3/08	<i>mg</i>	11/4/08



# EMSL Analytical, Inc.

307 West 38th Street, New York, NY 10018  
(212) 290-0051

Attn: **Liro Engineers, Inc.**  
**3 Aerial Way**  
**Syosset, NY 11791**

Fax: (212) 563-1841 Phone: (516) 938-5476  
Project: **MIDTOWN PLAZA/ MIDTOWN PLAZA, ROCHESTER, NY/  
B. FORMAN**

Customer ID: LIRO50A  
Customer PO:  
Received: 11/04/08 9:21 AM  
EMSL Order: 030839119  
EMSL Proj:  
Report Date: 11/7/2008

## Asbestos Analysis of Bulk Material

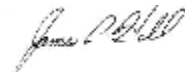
Sample Description	Test	Analyzed Date	Color	Non Asbestos		Asbestos	Comments
				Fibrous	Non-Fibrous		
BF-EC01A 030839119-0001 EXTERIOR 4TH FLOOR WINDOW CAULK	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	11/5/2008	Black		N/A	Inconclusive: None Detected	
	TEM NYS 198.4 NOB	11/7/2008	Black		N/A	None Detected	
BF-EC01B 030839119-0002 EXTERIOR 4TH FLOOR WINDOW CAULK	PLM NYS 198.1 Friable						Not Analyzed
	PLM NYS 198.6 NOB	11/5/2008	Black		N/A	Inconclusive: None Detected	
	TEM NYS 198.4 NOB	11/7/2008	Black		N/A	None Detected	

NOB = Non Friable Organically Bound  
N/A = Not Applicable

Analyst(s)

George Williams

Steve Juszczuk

  
James Hall, Laboratory Manager  
or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. The above test report relates only to the items tested. This test report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. EMSL bears no responsibility for sample collection activities or analytical method limitations. The results in this report meet all requirements of the NELAC Standards unless otherwise noted. The laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB's. Quantitative TEM is currently the only method that can be used to determine if a NOB material can be considered or treated as non-asbestos containing.

ACCREDITATIONS: NVLAP #101048-9 and NY STATE ELAP #11506

108121321

690 Delaware Avenue  
Buffalo, New York 14209  
Tel. 716-882-5476 / Fax 716-882-9640

# Bulk Sampling Chain of Custody Form

**attention:** Jason Colvin

**email results to:** [colvinj@liro.com](mailto:colvinj@liro.com)

**Turn-Around-Time:** 24 hour

[illegible]

**Comments:** First positive stop.

### Analyze via PLM to TEM.

Relinquished By (Signature)	Date / Time	Received By (Signature)	Date / Time
<i>Jason Colvin</i>	12/11/08		DEC 12 2008
			PK
		By _____	

**AmeriSci Richmond**

13635 GENITO ROAD  
MIDLOTHIAN, VIRGINIA 23112  
TEL: (804) 763-1200 • FAX: (804) 763-1800

## PLM Bulk Asbestos Report

Liro-Kreuzer, Inc.  
Attn: Jason Colvin  
690 Delaware Avenue  
Buffalo, NY 14209

Date Received 12/12/08

Date Examined 12/13/08

ELAP Number 10984

RE Midtown Plaza; Midtown Plaza, Rochester, NY; B.  
Forman

AmeriSci Job No. 108121321

P.O. # Midtown Plaza

Page 1 of 1

**Client No. / HGA****Lab No.****Asbestos Present****Total % Asbestos**

FM-208

108121321-01

Yes

8.1 %

1

Location: 2nd Floor Wall East Wall; Tar On Block Wall

(by NYS ELAP 198.6)

by Donna M. Blackwell

on 12/13/08

**Analyst Description:** Black, Heterogeneous, Non-Fibrous, Bulk Material

**Asbestos Types:** Chrysotile 8.1 %

**Other Material:** Non-Asbestos/Inert 14.1 %

FM-209

108121321-02

NA/PS

1

Location: 2nd Floor Wall East Wall; Tar On Block Wall

**Analyst Description:** Bulk Material

**Asbestos Types:**

**Other Material:**

**Reporting Notes:**

Analyzed by: Donna M. Blackwell

*Donna M. Blackwell*

Date

12/13/08

\*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%;  
"Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples (198.6 for NOB samples)(NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB 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 New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: \_\_\_\_\_



## *Report of Asbestos Survey Services*

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### **APPENDIX B:**

### **LABORATORY ACCREDITATIONS AND PERSONNEL CERTIFICATIONS**



NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER  
RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2009  
Issued April 01, 2008  
Revised June 12, 2008

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**

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

MS. RHONDA R. MCGEE  
EMSL ANALYTICAL INC  
490 ROWLEY ROAD  
DEPEW, NY 14043

NY Lab Id No: 11608  
EPA Lab Code: NY01278

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

**Miscellaneous Air**

Asbestos

40 CFR 763 APX A No. III

NIOSH 7402

YAMATE, AGARWAL GIBB

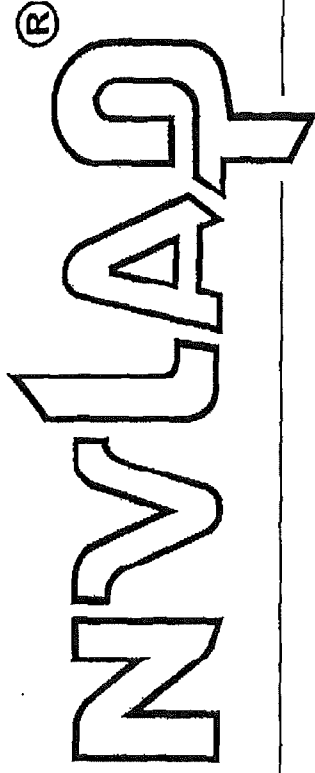
Fibers

NIOSH 7400 & RULES

**Serial No.: 37178**

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Certificates are urged to call (516) 480-5870 to verify laboratory's accreditation status.

United States Department of Commerce  
National Institute of Standards and Technology



## Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200056-0

**EMSL Analytical, Inc.**  
Depew, NY

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,  
listed on the Scope of Accreditation, for:*

### **BULK ASBESTOS FIBER ANALYSIS**

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communiqué dated 18 June 2005).*

2008-07-01 through 2009-06-30

*Effective dates*



*Dolly J. Buces*  
For the National Institute of Standards and Technology



**National Voluntary  
Laboratory Accreditation Program**



**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

**EMSL Analytical, Inc.**  
490 Rowley Road  
Depew, NY 14043  
Mr. Kenneth J. Najuch  
Phone: 716-651-0030 Fax: 716-651-0394  
E-Mail: [knajuch@emsl.com](mailto:knajuch@emsl.com)  
URL: <http://www.emsl.com/>

**BULK ASBESTOS FIBER ANALYSIS (PLM)**

**NVLAP LAB CODE 200056-0**

***NVLAP Code    Designation / Description***

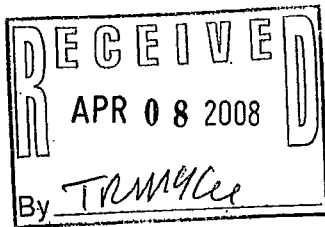
18/A01            EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation  
Samples

2008-07-01 through 2009-06-30

*Effective dates*

*Dolly S. Bruce*

*For the National Institute of Standards and Technology*



NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER  
RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2009  
Issued April 01, 2008

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**

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

DR. THOMAS MCKEE  
AMERISCI RICHMOND  
13635 GENITO RD  
MIDLOTHIAN, VA 23112

NY Lab Id No: 10984  
EPA Lab Code: VA00911

*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:*

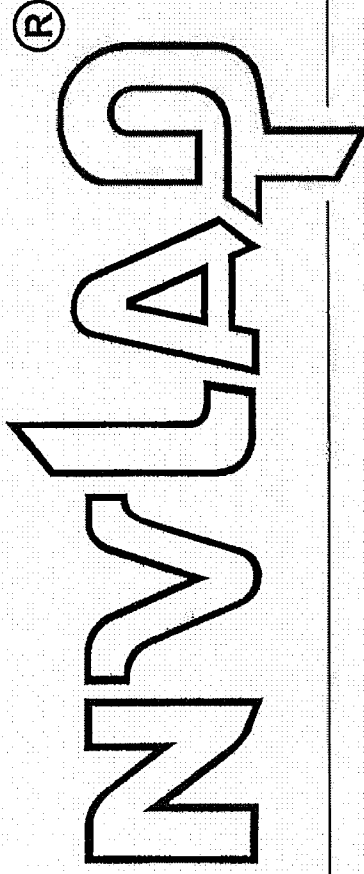
**Miscellaneous**

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

**Serial No.: 36014**

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.

United States Department of Commerce  
National Institute of Standards and Technology



## Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101904-0

**AmeriSci Richmond**  
Midlothian, VA

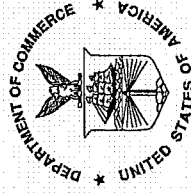
*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,  
listed on the Scope of Accreditation, for.*

### **BULK ASBESTOS FIBER ANALYSIS**

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communique dated 18 June 2005).*

2008-07-01 through 2009-06-30

*Effective dates*



*Sally A. Bruce*  
For the National Institute of Standards and Technology



**National Voluntary  
Laboratory Accreditation Program**



**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

**AmeriSci Richmond**  
dba AmeriSci Richmond  
13635 Genito Road  
Midlothian, VA 23112  
Mr. Thomas B. Keith  
Phone: 804-763-1200 Fax: 804-763-1800  
E-Mail: bkeith@amerisci.com  
URL: <http://www.amerisci.com>

**BULK ASBESTOS FIBER ANALYSIS (PLM)**

**NVLAP LAB CODE 101904-0**

***NVLAP Code      Designation / Description***

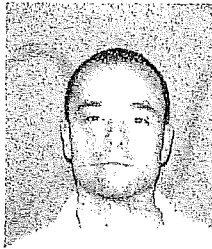
18/A01      EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

2008-07-01 through 2009-06-30

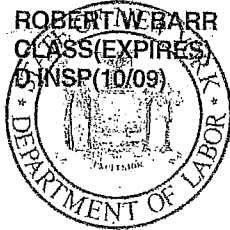
*Effective dates*

*Sally S. Bruce*  
For the National Institute of Standards and Technology

STATE OF NEW YORK - DEPARTMENT OF LABOR  
ASBESTOS CERTIFICATE



ROBERT W. BARR  
CLASS (EXPIRES)  
10/09



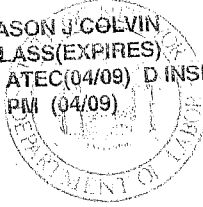
CERT# 93-19183  
DMV# 500957382

MUST BE CARRIED ON ASBESTOS PROJECTS

STATE OF NEW YORK - DEPARTMENT OF LABOR  
ASBESTOS CERTIFICATE



JASON J. COLVIN  
CLASS(EXPIRES)  
C ATEC(04/09) D INSP(04/09)  
H PM (04/09)



CERT# 02-02820  
DMV# 801923361

MUST BE CARRIED ON ASBESTOS PROJECTS



EYES BRO  
HAIR BRO  
HGT 6' 00"

IF FOUND RETURN TO:  
NYSOL - L&C UNIT  
ROOM 290A BUILDING 12  
STATE OFFICE CAMPUS  
ALBANY NY 12240



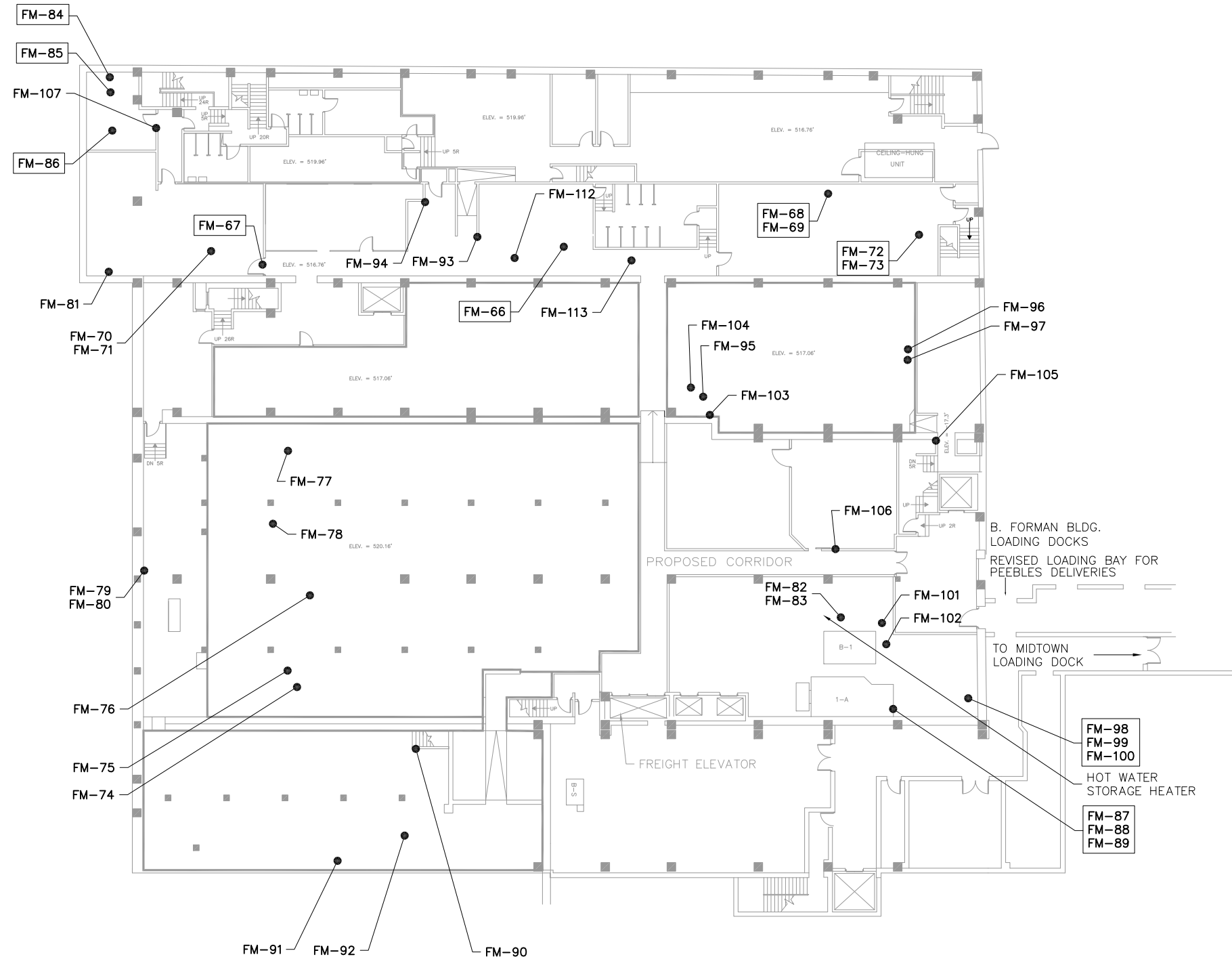
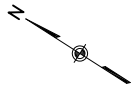


## ***Report of Asbestos Survey Services***



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### **APPENDIX C:**

### **BULK SAMPLE LOCATION DRAWINGS**



**LEGEND:**

-  **FM-06** SAMPLE LOCATION (POSITIVE)
-  **FM-06** SAMPLE LOCATION (NEGATIVE)

Scale:  0 15 30 Ft.


**WARNING**

IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN THOSE WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

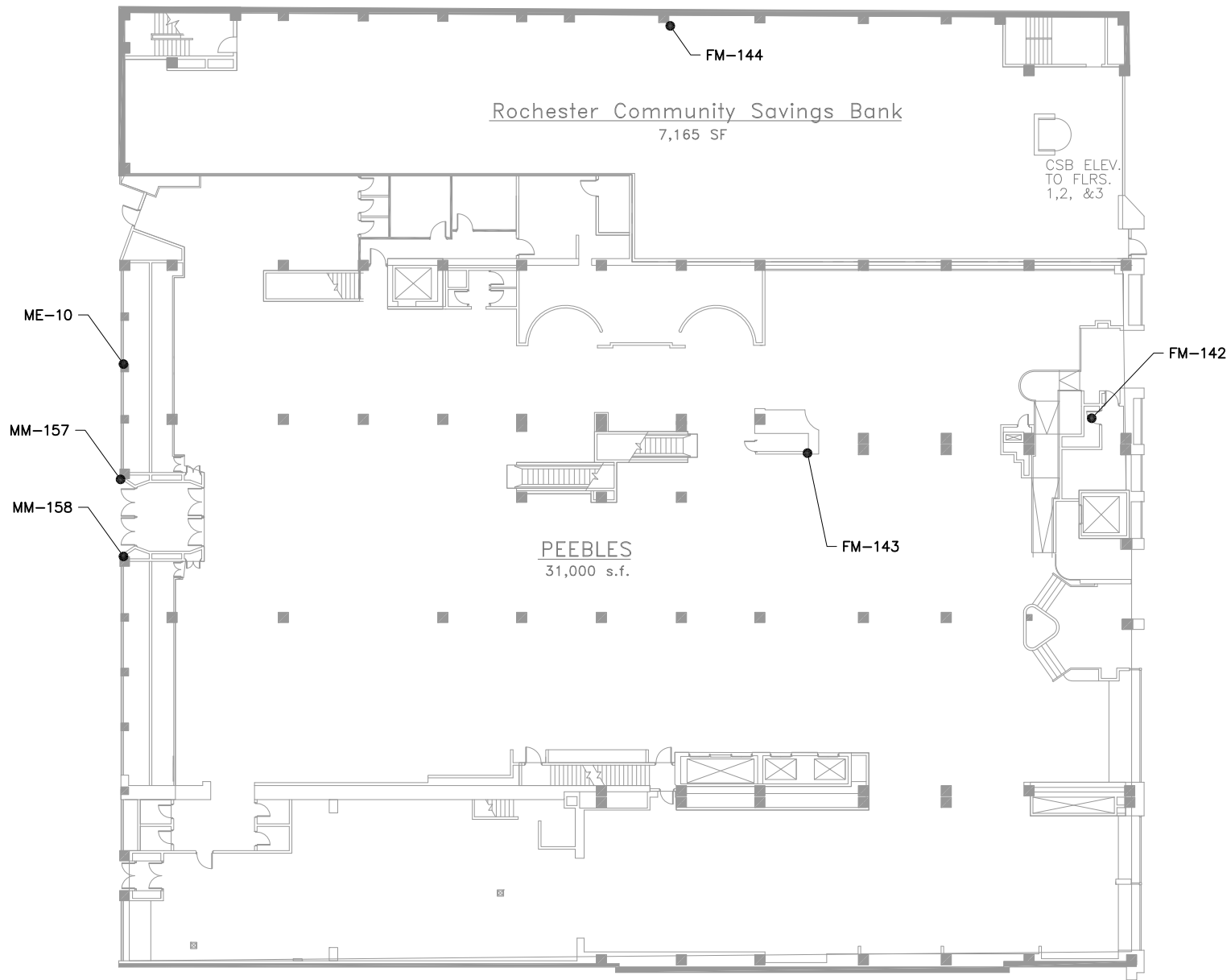
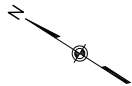
NO.	DATE	DESCRIPTION
REVISIONS		



Liro Engineers, Inc.  
690 Delaware Ave.  
Buffalo, New York

PROJ. ENG.:	CLIENT:	
DESIGNED BY:	 <b>Empire State Development</b> 400 Andrews Street, Suite 100 Rochester, New York 14604-1409	
CHECKED BY:		
DRAWN BY:		
DATE:	SEPTEMBER 2008	SCALE: AS SHOWN

JOB TITLE AND LOCATION:	B. FORMAN BUILDING MIDTOWN PLAZA ROCHESTER, NEW YORK	LIRO JOB NO.: 08-21-104
DRAWING TITLE:	BASEMENT BULK SAMPLE LOCATION PLAN	SHEET 1 OF 8
		FIGURE NO. BSL-1



**LEGEND:**

- FM-06** SAMPLE LOCATION (POSITIVE)  
**FM-06** SAMPLE LOCATION (NEGATIVE)

Scale: 0 15 30 Ft.

**WARNING**

IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN THOSE WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

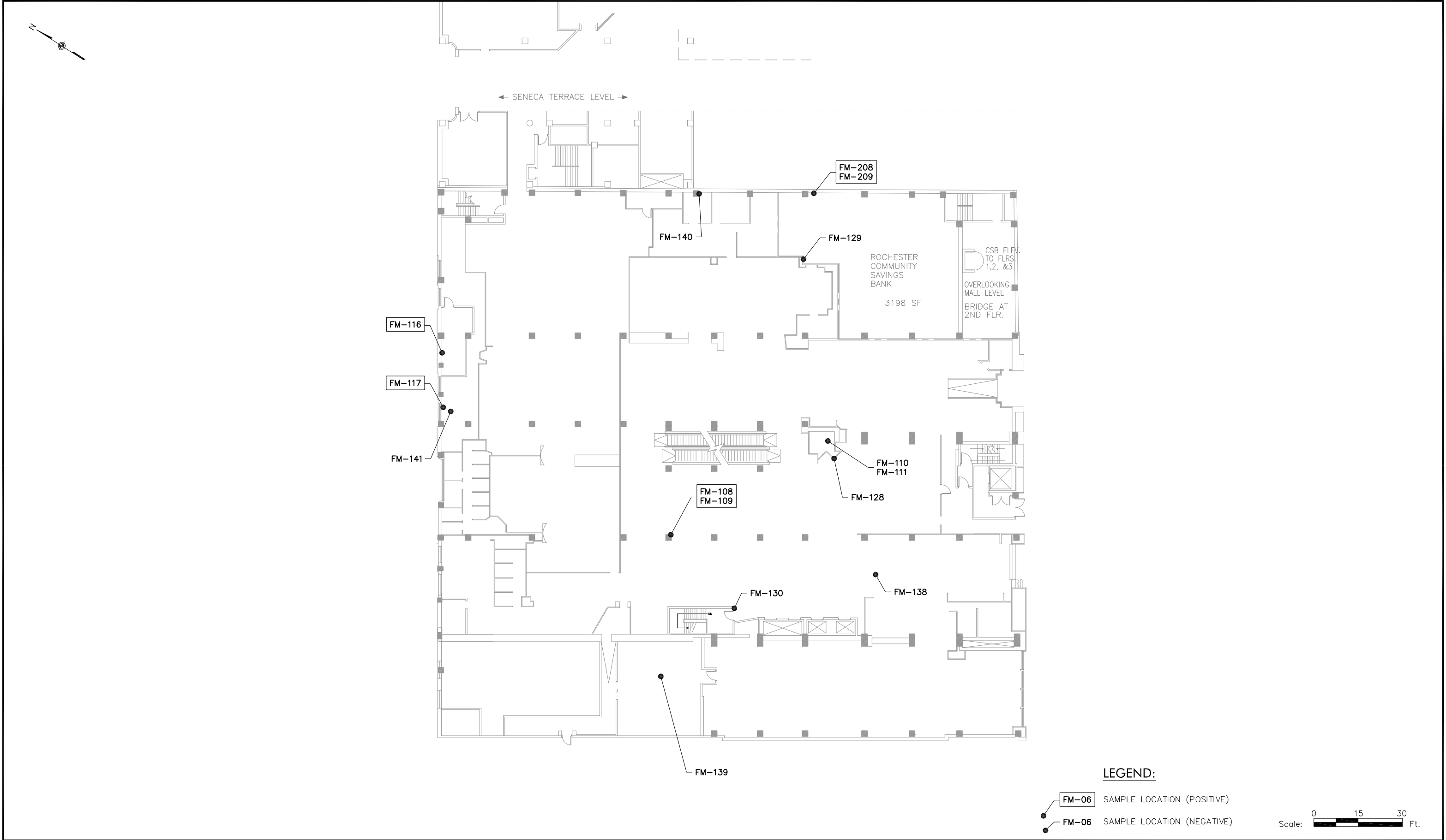
NO.	DATE	DESCRIPTION
REVISIONS		




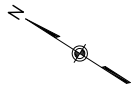
*Liro Engineers, Inc.*  
690 Delaware Ave.  
Buffalo, New York

PROJ. ENG.:	<b>Empire State Development</b> 400 Andrews Street, Suite 100 Rochester, New York 14604-1409	
DESIGNED BY:		
CHECKED BY:		
DRAWN BY:		
DATE:	SEPTEMBER 2008	SCALE: AS SHOWN

JOB TITLE AND LOCATION:	B. FORMAN BUILDING MIDTOWN PLAZA ROCHESTER, NEW YORK	LIRO JOB NO.:	08-21-104
		SHEET	OF 28
DRAWING TITLE:	1ST FLOOR BULK SAMPLE LOCATION PLAN	FIGURE NO.	BSL-2



<div>WARNING</div> <div>IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN THOSE WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.</div>				<div><div>LIRo Engineers, Inc. 690 Delaware Ave. Buffalo, New York</div></div>	PROJ. ENG.:	<div>CLIENT:</div> <div><div>Empire State Development</div><div>400 Andrews Street, Suite 100 Rochester, New York 14604-1409</div></div>		<div>JOB TITLE AND LOCATION:</div> <div>B. FORMAN BUILDING MIDTOWN PLAZA ROCHESTER, NEW YORK</div>		LIRo JOB NO.:	
	DESIGNED BY:		SHEET OF								
	CHECKED BY:		3 8								
	DRAWN BY:		DATE:		SCALE:		<div>DRAWING TITLE:</div> <div>2ND FLOOR BULK SAMPLE LOCATION PLAN</div>		<div>FIGURE NO.</div> <div>BSL-3</div>		
SEPTEMBER 2008		AS SHOWN									
NO. DATE DESCRIPTION											
REVISIONS											



LEGEND:

- FM-06 SAMPLE LOCATION (POSITIVE)
- FM-06 SAMPLE LOCATION (NEGATIVE)

Scale: 0 15 30 Ft.

WARNING

IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN THOSE WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

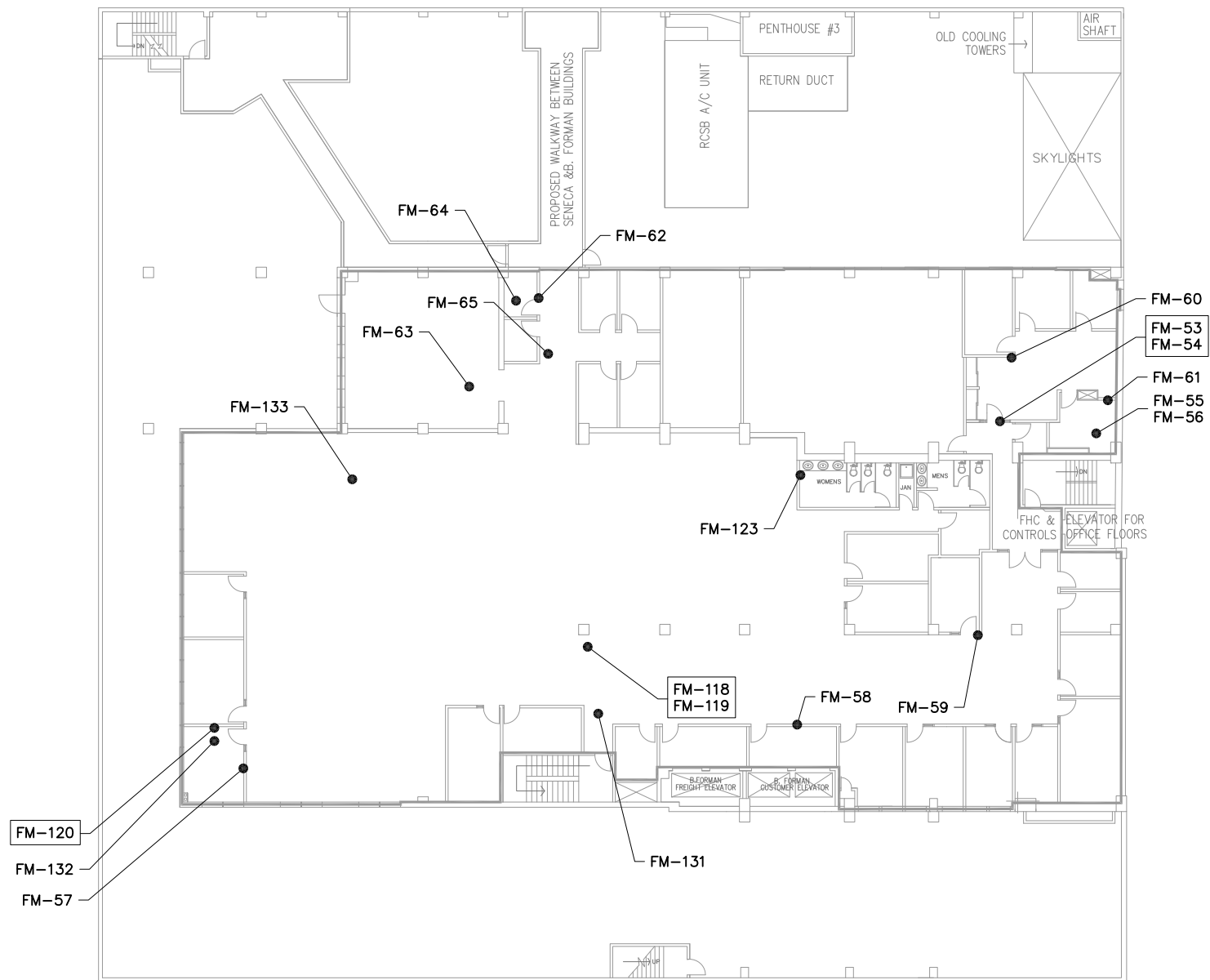
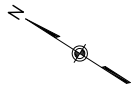
NO.	DATE	DESCRIPTION
REVISIONS		



Liro Engineers, Inc.  
690 Delaware Ave.  
Buffalo, New York

PROJ. ENG.:	CLIENT:	
DESIGNED BY:	<b>Empire State Development</b> 400 Andrews Street, Suite 100 Rochester, New York 14604-1409	
CHECKED BY:		
DRAWN BY:		
DATE:	SEPTEMBER 2008	SCALE: AS SHOWN

JOB TITLE AND LOCATION:	B. FORMAN BUILDING MIDTOWN PLAZA ROCHESTER, NEW YORK	LIRO JOB NO.: 08-21-104
		SHEET 4 OF 8
DRAWING TITLE:	3RD FLOOR BULK SAMPLE LOCATION PLAN	FIGURE NO. BSL-4



**LEGEND:**

- FM-06 SAMPLE LOCATION (POSITIVE)
- FM-06 SAMPLE LOCATION (NEGATIVE)

Scale: 0 15 30 Ft.

**WARNING**

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NO.	DATE	DESCRIPTION
REVISIONS		



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CHECKED BY:

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CLIENT:

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400 Andrews Street, Suite 100  
Rochester, New York 14604-1409

DATE: SEPTEMBER 2008

SCALE: AS SHOWN

JOB TITLE AND LOCATION:

B. FORMAN BUILDING  
MIDTOWN PLAZA  
ROCHESTER, NEW YORK

DRAWING TITLE:

4TH FLOOR  
BULK SAMPLE LOCATION PLAN

LIRO JOB NO.:

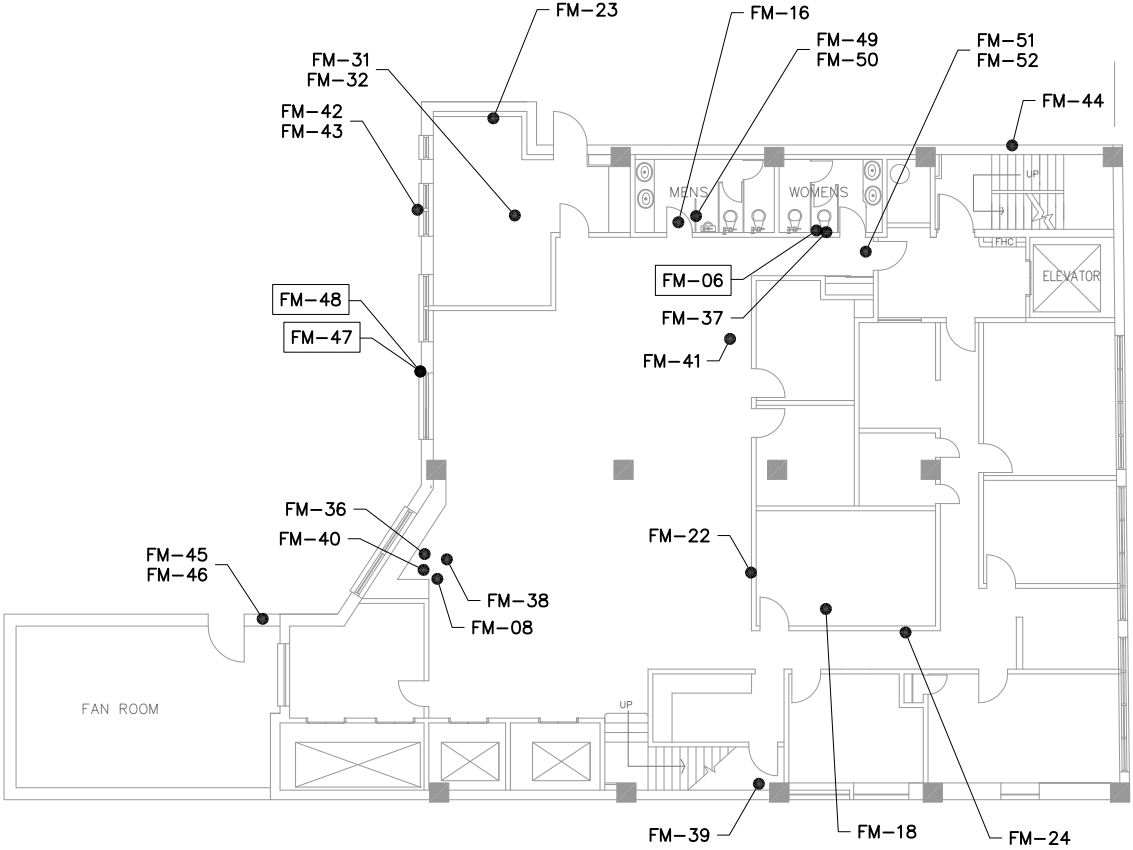
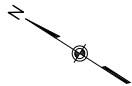
08-21-104

SHEET OF




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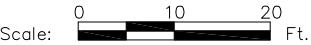
FIGURE NO.

**BSL-5**



LEGEND:

-  SAMPLE LOCATION (POSITIVE)
-   SAMPLE LOCATION (NEGATIVE)



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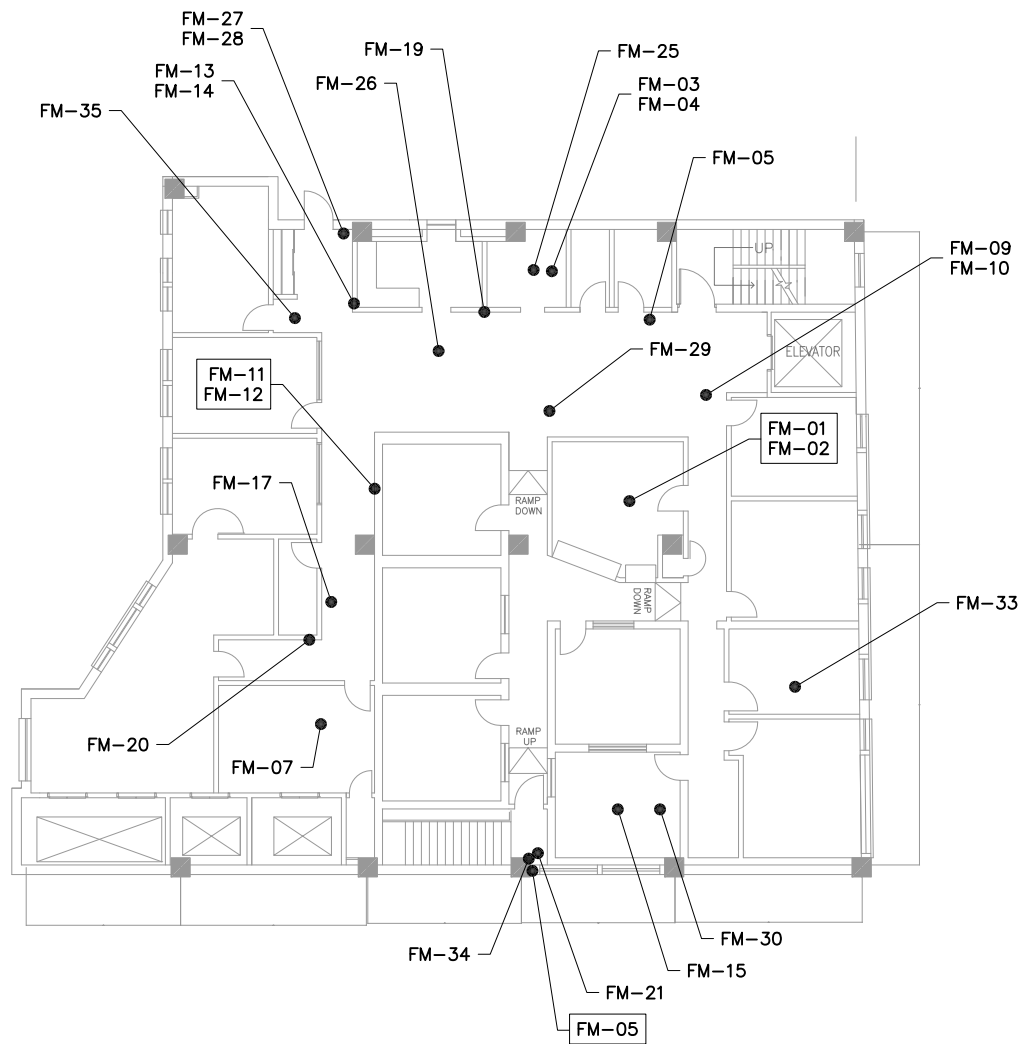
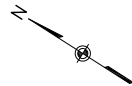
NO.	DATE	DESCRIPTION
REVISIONS		





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JOB TITLE AND LOCATION: B. FORMAN BUILDING MIDTOWN PLAZA ROCHESTER, NEW YORK		LIRO JOB NO.: 08-21-104
DRAWING TITLE: 5TH FLOOR BULK SAMPLE LOCATION PLAN		SHEET 6 OF 8
		FIGURE NO. BSL-6



**LEGEND:**

-  **FM-06** SAMPLE LOCATION (POSITIVE)
-  **FM-24** SAMPLE LOCATION (NEGATIVE)

Scale:  0 10 20 Ft.

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		08-21-104
		SHEET 7 OF 8
DRAWING TITLE:	6TH FLOOR BULK SAMPLE LOCATION PLAN	FIGURE NO.
		BSL-7







## ***Report of Asbestos Survey Services***

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### **APPENDIX D: PHOTOGRAPHIC LOG**



## *Report of Asbestos Survey Services*

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IMG 1706



IMG 1710



IMG 1677



IMG 1679



IMG 1687



IMG 1682