# **Limited Asbestos Inspection Report**

## 22 S. West Street Mt. Vernon, NY 10550



Date: December 9, 2013

Prepared by:
Environmental Maintenance Contractors, Inc.
5 Anderson Lane, Goldens Bridge,
New York 10526
rstumbo@enviromain.com

Established in 1995 NYS DOL Asbestos Handling License #28535 EPA Lead Paint Certification #NY-62470-1 NYS DEC Waste Transporter Permit #3A-812

## ENVIRONMENTAL MAINTENANCE CONTRACTORS, INC.

Environmental Consulting, Testing, Reporting and Remedial / Abatement Services

- \* Asbestos Testing and Removal \* Lead Based Paint (XRF) Testing \* Underground Storage Tank Removal Services\*
  - \* Indoor Air Quality Testing \* Mold Abatement Service \* Hazardous Material Testing and Abatement \*
    - \* Environmental Phase I and II Assessments \*

December 9, 2013

#### ASBESTOS INSPECTION REPORT

#### PROPERTY INSPECTED

Subject property is located at 22 S. West Street in Mt. Vernon, NY.

#### TARGET STRUCTURES/AREAS

Subject building is located on the property at 22 S. West Street in Mt. Vernon, NY.

#### GENERAL DESCRIPTION OF TARGETED STRUCTURES/AREAS

Interior & Exterior Building Materials on the building located at 22 S. West Street in Mt. Vernon, NY.

#### INSPECTION RATIONALE

Environmental Maintenance Contractors, Inc. (EMC) was retained to perform a pre-demolition inspection of the building to determine if any Asbestos Containing Materials (ACM's) would be disturbed during demolition activities. No penetrations or exploratory demolition was performed in order to collect any samples during the asbestos survey including but not necessarily limited to ceilings, walls and floor cavities.

#### INSPECTION AND BULK SAMPLE COLLECTION

The targeted areas were surveyed for Asbestos Containing Materials (ACM's) on December 4, 2013. All accessible areas/rooms were visually inspected and representative samples collected, as appropriate and required. The inspections were performed by Francis Ciriaco and Floyd Sus. Representing EMC, Mr. Ciriaco (Cert. # 09-19591) and Mr. Sus (Cert. # 06-00928) are NYS-DOL Certified Asbestos Inspectors.

#### **INSPECTION PROTOCOL**

The purpose of the inspection was to identify readily accessible asbestos containing materials within the targeted areas that would be disturbed during demolition activities. For the purpose of performing this inspection, EMC inspectors visited all accessible areas within the targeted areas and collected samples of representative materials.

#### **INACCESSABLE AREAS** N/A

#### **LABORATORY**

Following collection of bulk samples, the samples were submitted to a laboratory accredited by the New York State Department of Health Environmental Laboratory Approval Program (ELAP# 10879) to analyze samples for asbestos using Polarized Light Microscopy (PLM) techniques.

EMC, Inc. 5 Anderson Lane, Goldens Bridge, New York 10526 Tel: 914-232-7355, Fax: 914-232-7357 rstumbo@enviromain.com

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Friable (pipe insulation, sheetrock, plaster, etc.) and Non-Friable-Organically Bound (NOB) (floor tile, mastic, etc.) materials were both analyzed by PLM. Any NOB samples that were negative for asbestos via PLM analysis must be analyzed via Transmission Electron Microscopy (TEM) for confirmatory purposes. The NYS-DOH requires TEM analysis to conclusively state that a NOB sample does not contain asbestos.

It should be noted that some NOB samples, even if inconclusively analyzed by PLM may not be submitted for TEM analysis. This is the case if intimately associated with materials that were found to be positive (i.e. mastic adhered to a floor tile that was negative). In this case, the sample may not have been further analyzed via TEM. Because they cannot be removed separately, all such materials and their associated materials should be deemed asbestos containing and treated accordingly.

#### SAMPLED MATERIALS

The following is a listing of different materials that were collected from the targeted areas and submitted for analysis for the purpose of this report:

#### **Exterior Building Materials:**

- Roofing Materials (Roof Tar, Membrane, Flashing Tar & Flashings)
- Exterior Wall Coat (Brown & White Coats)
- Black Mortar beneath Exterior Wall Coat
- Window Waterproofing

#### Interior Building Materials:

- Plaster (Brown & White Coats)
- Joint Compound
- Sheetrock
- Flooring Materials (Mastic, 9x9 Vinyl Tiles, 12x12 Vinyl Tiles & Linoleum)

#### RESULTS & QUANTITIES (Asbestos Containing Materials Only)

Sample analysis indicates that the following materials were found to contain asbestos in concentrations greater than one-percent (>1%) and are therefore deemed Asbestos Containing Materials (ACM), including:

ACM Type	Location	Approx. Quantity
All Roofing Materials (Roof Tar, Membrane, Flashing Tar & Flashings)	Entire Main Roof and Canopy	2,350 Sq. Ft.
All Flooring Materials (Mastic, 9x9 Vinyl Tiles, 12x12 Vinyl Tiles and Linoleum)	Reception/Office Area	120 Sq. Ft.

Notes: All Quantities are an Estimate and/or To be Determined (TBD). Field verification is necessary to confirm site conditions and the locations & quantities of ACM's identified.

#### CONCLUSIONS

The limited asbestos survey did identify accessible asbestos containing materials within the targeted areas of the building located at 22 S. West Street in Mt. Vernon, NY. Please find attached the sample analysis reports.

Please note that based on the nature of this inspection, it is possible that unidentified materials may be uncovered and/or encountered during demolition/renovation activities. If additional suspect asbestos containing materials are encountered during demolition activities, work should cease within that area of work, the area should be isolated from unauthorized entry, and the materials should be sampled for analysis to determine total asbestos content. Only through further sampling and analysis by certified personnel and the use of an accredited laboratory can a suspect material be identified as non-asbestos containing.

As per applicable Federal, State, and City regulations all asbestos containing materials identified must be properly abated by a NYS DOL Licensed Contractors as well as NYSDOL Certified personnel prior to any demolition/renovation activities that could disturb these materials. Any penetrations to the ACM or impact to the intact ACM matrix would be considered a disturbance. Please note that any non-asbestos contractor performing any work that may impact the building materials must be informed of the presence and location of the ACM, and that disturbance is prohibited. In addition, the non-asbestos contractor personnel performing any work on or around ACM's must have current OSHA asbestos awareness training.

Should you have any questions or require additional information, please do not hesitate to contact me at (914), 232-7355.

Sincerely,

Environmental Maintenance Contractors, Inc.

Allan Ciriaco

Vice President of Operations

Attachment(s): Laboratory Sample Results, Licenses and Certifications



# Cardno ATC 104 E. 25th Street, 10th Floor

New York, NY 10010 Tel. 212-353-8280 Fax: 212-353-8306

Client: ENVIRONMENTAL MAINTENANCE CONTRACTORS

5 ANDERSON LANE

GOLDENS BRIDGE, NY 10526

Fax: (914) 232-7357

Project:

Phone: (914) 232-7355

Sample Date: 12/4/2013

Date Received: 12/5/2013

Date Analyzed: 12/6/2013

Cardno ATC Batch # 27976

Methods: EPA 600/M4-82-020

ELAP 198.1, 198.6 and 198.4

Location: 22 SOUTH WEST ST., MT. VERNON, NY

#### **Bulk Asbestos Analysis Results**

				<u>Non-</u>	-Asbestos	<u>NOB</u>	Asbestos
Sample #	Location	Type of Material	Method	% Fibrous	% Non-Fibrous	% Туре	% Type
1 27976 -1	ROOF	ROOF TAR	NOB-PLM		0.0% Vermiculite	66.1% Organic 11% Residue 20.1% Carbonate	2.8% Chrysotile
		Color: E	LACK				
Analyzed By:	: George Htay	Second Analyst: Mohai	med Fata	Comments: PLM inco	nclusive		Total Asbestos: 2.8 %
2	INTERIOR (RECEPTION)	9X9 TILES	NOB-TEM		0.0% Vermiculite	51.5% Organic 22.1% Residue 20.9% Carbonate	5.5% Chrysotile
27976 -2					0.0 /8 Vermiculite	20.576 Carbonate	
Analyzed By:	: George Htay	Color: E Second Analyst: Roma		Comments: PLM Inco	nclusive, NOB-PLM inconclusive		Total Asbestos: 5.5 %
3	INTERIOR (RECEPTION)	PLASTER BROWN	PLM	Trace% Cellulose	100% Mineral Filler	•	<b>3</b> · -
27976 -3					0.0% Vermiculite		NONE DETECTED
		Color: L	T,BROWN				
Analyzed By:	: George Htay						
4	INTERIOR (RECEPTION)	PLASTER WHITE	PLM	Trace% Cellulose	100% Mineral Filler		
27976 -4					0,0% Vermiculite		NONE DETECTED
		Calor: V	/HITE				
	George Htay						
5	INTERIOR (RECEPTION)	PLASTER BROWN	PLM	Trace% Cellulose	100% Mineral Filler		
27976 -5					0.0% Vermiculite		NONE DETECTED
Anahmad Du	Cooms Utau	Color, L	T.BROWN				
	George Htay					<u></u>	
5	INTERIOR (RECEPTION)	PLASTER WHITE	PLM	Trace% Cellulose	100% Mineral Filler		
27976 -6					0.0% Vermiculite		NONE DETECTED
Analyzed By:	George Htay	Color: Vi	HITE				
7	INTERIOR (RECEPTION)	PLASTER BROWN	PLM	Trace% Cellulose	100% Mineral Filler		
27976 -7					0.0% Vermiculite		NONE DETECTED
219/0 -/		Colorel	T.BROWN		0.0 /0 VEITHICUME		MONE DETECTED
Analyzed By:	George Htay	COROT: L	NWUND,				
	<u></u>				<del></del>		



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Tel. 212-353-8280 Fax: 212-353-8306

Sample #	Location	Type of Material	Metho	•	on-Asbestos	<u>NOB</u>	Asbestos
8	INTERIOR (RECEPTION)	PLASTER WHITE	PLM	% Fibrous Trace% Cellulos	% Non-Fibrous	% Туре	% Туре
27976 -8			7	rrace // Cellulos	TOO TO TOWN CITED I THICK		25
Analysed Do		Color	: WHITE		0.0% Vermiculite		NONE DETECT
9	George Htay  INTERIOR (RECEPTION)						
-	WIERIOR (RECEPTION)	PLASTER BROWN	PLM	Trace% Cellulos	e 100% Mineral Filler		
27976 -9					0.0% Vermiculite		NONE DETECT
Analyzed By:	George Htay	Color:	LT.BROWN				MONE DETECT
10	INTERIOR	PLASTER BROWN	PLM	Trace% Cellulose	1000/ Min - 1 570		
27976 -10			,	Trace to Cellulose			
Annhaud Bur	•	Color: 1	WHITE		0.0% Vermiculite		NONE DETECT
Analyzed By: (			_				
11	EXTERIOR	BLACK MORTAR LAYER BENEATH WALL COAT	PLM		100% Mineral Filler		
27976 -11					0.0% Vermiculite		NONE DETERM
Analyzed By: G	Seorge Htay	Color: E	BLACK				NONE DETECTE
12	EXTERIOR	BLACK MORTAR LAYER	PLM				
27976 -12		BENEATH WALL COAT	PLIVI		100% Mineral Filler		
		Color D	1.4014		0.0% Vermiculite		NONE DETECTE
Analyzed By: G	eorge Htay	Color: B	LACK				
13	EXTERIOR	WALL COAT BROWN	PLM	Trace% Cellulose	100% Mineral Filler		
27976 -13					0.0% Vermiculite		
nalyzed By: Ge	eome Utav	Color: LT	.BROWN		0.0 % Vermicuite		NONE DETECTE
	EXTERIOR	MALL COAT III					
	)	WALL COAT WHITE	PLM	Trace% Cellulose	100% Mineral Filler		Trace Chrysotile
7976 -14					0.0% Vermiculite		•
nalyzed By: Ge	orge Htay	Color: Wh	IITE	Comments: NOB recor	Timended		
5	EXTERIOR	WALL COAT BROWN	PLM	Trace% Cellulose		Tota	I Asbestos: TRACE
978 -15				Trace /e Celluluse	100% Mineral Filler		
		Color: LT.	ROWN		0.0% Vermiculite		NONE DETECTED
alyzed By: Geo							
E	XTERIOR	WALL COAT WHITE	PLM	Trace% Cellulose	100% Mineral Filler		Trace Chrysotile
978 -16					0.0% Vermiculite		Trace Chrysotile
alyzed By: Geo	rge Htay	Color: WHI	TE	Comments: NOB recom			
		WALL COAT BROWN	PLM			Total	Asbestos: TRACE
76 -17			CL01		100% Mineral Filler		
		Colon I 7 or	301401	I	0.0% Vermiculite		NONE DETECTED
llyzed By: Geor	ge Htay	Color: LT.Bi	KUWN				
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ort Prepared	By: Inna Kipen			- 2 -54			
			rag	ge 2 of 4			Batch # 27976



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Sample #	Location	Type of Material	p		n-Asbestos	<u>NOB</u>	Asbestos
18	EXTERIOR	WALL COAT WHITE	Method	76 Fibrous	% Non-Fibrous	% Type	% Туре
		ANTT CONT ANUILE	PLM	Trace% Cellulos	e 100% Mineral Filler		Trace Chrysotile
27976 -18					0.0% Vermiculite		
Analyzed By:	George Htay	Color V	WHITE	Comments: NOB re	ecommended		
19	EXTERIOR	WALL COAT BROWN	PLM	Trace% Cellulose	e 100% Mineral Filler		Total Asbestos: TRACE
27976 -19					0.0% Vermiculite		NOVE DETERMINE
Analyzed By:	Gaama Litmu	Calar: L	T.BROWN		or volitionate		NONE DETECTED
20	EXTERIOR	WALL CO. T. W. T.		2			
	EXICION	WALL COAT WHITE	PLM	Trace% Cellulose	100% Mineral Filler		Trace Chrysotile
27976 -20					0.0% Vermiculite		
Analyzed By: (	George Htay	Color: W	HTIE	Comments: NOB re-	commended		
21	EXTERIOR	WALL COAT BROWN	PLM	Trace% Cellulose	100% Mineral Filler	<del></del>	Total Asbestos: TRACE
27976 -21							
		Color: LT	r.BROWN		0.0% Vermiculite		NONE DETECTED
Analyzed By: G							
22	EXTERIOR	WALL COAT WHITE	PLM	Trace% Cellulose	100% Mineral Filler		Trace Chrysotile
7976 -22					0.0% Vermiculite		·
Analyzed By: G	eome Htav	Color: Wi	HITE	Comments: NOB rec	ommonded.		
3	EXTERIOR	WINDOW WATER PROOFIN	C NOD TEN	- Tobia			Total Asbestos: TRACE <sup>13</sup>
7070 00		THIS ST TATER PROOFIN	G NOB-TEM			25.9% Organic 7.1% Residue	
7976 -23		0.11.00			0.0% Vermiculite	66.6% Carbonate	0.4% Anthophyllite
nalyzed By: G	eorge Htay	Color: OF Second Analyst: Roman	r-wr. Peysakhov	Comments: PLM inco	nclusive, NOB-PLM incondusive	3	
4	EXTERIOR	WINDOW WATER PROOFING				27.4% Organic	Total Asbestos: 0.4 %
7976 -24					0.0% Vermiculite	6.2% Residue	
		Color: OFF				66.1% Carbonate	0.3% Anthophyllite
nalyzed By: Ge	INTERIOR	Second Analyst Roman I	Peysakhov	Comments: PLM inco	nciusive, NOB-PLM inconclusive	,	Total Asbestos: 0.3 %
,	INTERIOR	JOINT COMPOUND	NOB-TEM			22.5% Organic	78
976 -25					0.0% Vermiculite	17.9% Residue 59.6% Carbonate	NONE DETECTED
alyzed By: Ge	orge Htay	Color: OFF Second Analyst: Roman F	-WT.	Comments: PLM incor	clusive, NOB-PLM inconclusive		==:=:
	NTERIOR	JOINT COMPOUND	NOB-TEM		- I I I I I I I I I I I I I I I I I I I		
976 -26			NOD-I LIVI			31.1% Organic 21.7% Residue	
		Color: OFF-	NACT.		0.0% Vermiculite	47.2% Carbonate	NONE DETECTED
alyzed By: Ge		Second Analyst: Roman P	eysakhov	Comments: PLM Incon	clusive, NOB-PLM inconclusive		
11	NTERIOR	SHEETROCK	PLM	25% Cellulose	75% Mineral Filter		
76 -27				Trace% FiberGlass	0.0% Vermiculite		NONE DETECTED
alyzed By: Geo	ıma Utsu	Color: WHIT	ΤE				NONE DETECTED
	ige may						



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Tel. 212-353-8280 Fax: 212-353-8306

28	Location	Time of Manager		<u>Ivon</u> -	Asbestos	<u>NOB</u>	4-1
	INTERIOR	Type of Material	Method	% Fibrous	% Non-Fibrous	<u> 14ОВ</u> % Туре	<u>Asbestos</u> % Type
	MICHON	SHEETROCK	PLM	26% Cellulose	74% Mineral Filler		лу туре
27976 -28				Trace% FiberGlass	0.0% Vermiculite		
	_	Color: W	HITE		o.oza vermiculite		NONE DETE
Analyzed By:	George Htay						
NOTES:							
1) The Limit	of Detection is the same a	as the Reporting Limit for these results.					
2) The Repo	orting Limit (RL) is the Limit	of Quantitation. For point counts the lin	alt of greantitation of C	105W- b			
3) Asbestos	Containing Material (ACM)	Definition: > 1% asbestos by weight is	considered on ACM	1.25%; Dased on one asbe	stos point counter over 400 non-e	mpty points.	
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		d by NY State ELAP #10879		The Topol Holades Off	y w the samples reported above a	as described in the o	hain of custody. Quality
6) Confidenti	ality Notice: The desirement	U DY NY SIETE ELAP #10879					
7) Liability No	office: Carries ATC and the	(s) contained herein are confidential and	privileged information	on, intended for the exclusi	ve use of the individual or entity o	amed above	
						es only to samples o	Libmitted and each
9) The conditi	loo of all seconds were than th	ree digits, only the first three are signific	ant. The data within	this report is reliable to 3 s	ignificant figures.	only to samples s	odunilited and analyzed.
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11) Suppleme	alory certifies that the test r	results meet all requirements of NELAC.					
	ent to test report batch #		endment Dates:	Amended by:			
12) FUN LEKE	r is attached on this report.	•					
13) TRACE: 1	ne result is reported as Tra	ace when No points are counted and ast	estos is identified, F	or ELAP Trace is < 1%.			
,	a acquired migratio (Bhotf )	is all accurate and authentic report of the	results obtained fro	m the laboratory analysis			
15) The uncer	tainty for these test results	is available upon request.		,,			
16) ELAP mo	uires method ELAD 400 4 4	(mather end to the	4000				
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emc, inc

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		Asb	Asbestos Bul	Bulk Sample An	k Sample Analysis - Chain of Custody	≍ Custod		
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Cheles	Field # Group	Sample Description	iðni	93	Bocadon	Friable As	Asbestos	Notes
_	1	NOOF TAN		Jan		6		Please Stop on First
7	٦	9×9 71155		INTERIOR	ION (NECEPTION)	ંર		Positive for each Group
j	3	PLASTER (BROWN)	<u> </u>		1	>		
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## ENVIRONMENTAL MAINTENANCE CONTRACTORS, INC.

Environmental Consulting, Testing, Reporting and Remedial / Abatement Services

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### RE: Environmental Abatement and Demolition Services @ 22 S. West Street, Mt. Vernon, NY

Environmental Maintenance Contractors, Inc. (EMC) is pleased to provide this proposal to perform the asbestos abatement and demolition services at the above referenced project. The project involves the abatement of all asbestos-containing materials (ACM's) identified in the Asbestos Inspection Report, prepared by EMC, dated December 9, 2013. EMC will also provide for the demolition of the building down to slab or grade – please note that price does not include any fill materials for the project. The slab of the building will be cracked and left in place and the footing will remain in place. All work will be performed in accordance with all applicable Federal, State, and Local requirements.

Independent Air/Project Monitoring services are required for this project and shall be provided/hired by Client/Owner directly.

#### Fee Schedule:

#### **Asbestos Abatement Services:**

Abatement of all ACM's including approx. 2,350 sq. ft. of roofing materials and approx. 120 sq. ft. of flooring materials, lump sum;

\$19,450

NYS DOL Asbestos Project Notification Application (\$2,000) and Variance (\$1,200), lump sum:

\$3,200

Total for Abatement:

\$22,650

#### **Demolition Services:**

Demolition of structure, lump sum:	\$28,750
Preparation and submission of Demo Permit, estimate:	\$1,800
Temporary Fencing around the site during work, estimate:	\$9,800
	@ cost
Electrical Disconnects, estimate:	\$2,800
Plumbing and gas disconnects, estimate:	\$3,800
Exterminator services, estimate:	\$650

Total for Demo:

\$47,600

#### Terms and Conditions:

Safe access shall be readily available to the work areas. All and any movable objects within the work area(s) shall be removed by client/owner prior to mobilization by EMC. Client/owner responsible for any necessary security

Established in 1995 NYS DOL Asbestos Handling License #28535 EPA Lead Paint Certification #NY-62470-1 NYS DEC Waste Transporter Permit #3A-812

measures. Client/owner shall prove electric and water to the work areas. The client agrees to indemnify, exonerate, and hold harmless EMC against the risk of loss, damage, or expense, by reason of suits, claims, demands, judgments, and causes of action for personal injury, death, or property damage arising out of or in any way in consequence of the performance of all work undertaken by EMC, except that in no instance shall the client be held responsible for any liability claim, demand, or cause of action attributable solely to the negligence of EMC. Payment Schedule: 25% prior to start of work and remaining upon completion of abatement work and demolition. Lump sum based on access to all areas without phasing — remobilization for project will incur additional costs. Price based on non-union labor. Applicable sales tax is excluded as certificate of capital improvement or tax exemption may apply.

Please acknowledge your acceptance of this proposal and approval of the terms and conditions by signing below and returning a copy for our files.

Agreed and Accepted:		
Signature of Owner	Date	
Sincerely,		

Environmental Maintenance Contractors, Inc. Richard Stumbo, President