EAGLE Environmental, Inc.

- Industrial Hygiene / IAQ
- Hazardous Building Materials
- Environmental Assessments
- Laboratory Services & Training

April 17, 2011

Mr. Bill Warner
City of Middletown
Director of Planning, Conservation and Development
245 DeKoven Drive
Middletown, CT 06457

RE: Additional Lead-Based Paint Testing and Confirmatory Paint Chip Sampling
Remington Rand – Building B (1st Floor)
180 Johnson Street
Middletown, Connecticut
Eagle Project No. 12-002.13

Dear Mr. Warner:

Please find the enclosed report for the additional lead-based paint testing and confirmatory paint chip sampling performed for the first floor of Building B within the Remington Rand Building at the above referenced site.

Please call me directly if you have any questions regarding the report.

Sincerely,

Eagle Environmental, Inc.

Report Prepared By:
Aaron E. Hatcher
Sr. Environmental Consultant

Report Reviewed By:
Chris Liberti
Senior Project Manager

\\Eagle-server\public\2012 Files\2012 Reports\Middletown City Of\180 Johnson Street\Building B - LBP Testing\Remington Rand 180 Johnson-Bldg B LBPTesting.doc

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INTRODUCTION

Eagle Environmental, Inc. was retained by the City of Middletown to conduct additional lead-based paint testing and confirmatory paint chip sampling within the first floor of Building B at the Remington Rand Building located at 180 Johnson Street in Middletown, Connecticut. The lead-based paint testing was performed on representative structural components that are scheduled to be impacted during future renovation activities. The additional testing was performed to supplement the initial lead-based paint screen conducted by Eagle Environmental, Inc. as documented within the Pre-Renovation Asbestos Containing Materials Inspection and Lead Based Paint Screen Report, dated May 2, 2011.

The additional lead-based paint testing and confirmatory paint chip sampling was performed by Aaron E. Hatcher a State of Connecticut licensed Lead Inspector / Risk Assessor; (License# 002186) on April 02, 2012. The lead-based paint screen was performed in accordance with the U.S. Department of Labor Occupational Safety and Health Administration (OSHA) who regulates lead dust exposure to workers in the construction industry under 29 CFR 1926.62 Lead in Construction.

BUILDING DESCRIPTION

The building located at 180 Johnson Street in Middletown, Connecticut, consists of fifteen (15) interconnected single and two-story masonry and wood framed industrial structures of similar construction history. The structures have previously been labeled Buildings A through N by the building owner to denote the various spaces within the overall building. The section of the building that was designated for inspection pertains to the first floor of Building B. For the purpose of this report, the first floor was divided into five (5) areas to better distinguish the testing locations. This particular section has structural components that consist predominately of wood columns, wood beams and wood ceiling deck. The walls throughout this section consist of painted brick with concrete floors. There is a combination of both metal and wood door systems throughout the inspected section. The windows are wood sashes with wood trim components set in brick.

X-RAY FLUORESCENCE (XRF) SCREEN

The lead-based paint inspection was performed utilizing an X-Ray Fluorescence (XRF) Radiation Monitoring Device (RMD) Lead Paint Analyzer (LPA 1), serial number 1364 within the interior of the building. The inspection pertains only to the interior of Building B first floor and accessible building materials. The screen was performed to determine if detectable levels of lead are present in paint on structural components and brick walls that will be impacted by planned renovations.

Prior to any testing, the XRF was calibrated against the manufacturer's test block and the National Institute of Science and Technology (NIST) 1.02 mg/cm² Standard Reference Material. Testing was initiated upon successful calibration checks against the referenced standards.

The lead-based paint inspection included testing components and or surfaces within the identified section of Building B. It was not the intent to test all painted structures, but rather identify on a broad scale the impact of lead paint as it relates to potential exposure issues.

The data is presented on computer generated Lead Inspection Reports contained in Appendix 1. The Summary Report provides an inventory of each surface coating that contains lead at or above 1.0 mg/cm². The Detailed Report is an inventory of each tested surface on an area-by-area basis.

CONFIRMATORY PAINT CHIP SAMPLING

Paint chip sampling was performed for painted surfaces that were found to contain paint coatings with readings equal to 1.0 mg/cm² (inconclusive) by XRF testing and/or contain low levels of lead (<1.0 mg/cm²). When collecting paint chip samples the dimension of the sample must be equal to or > 1 square inch and placed into a 50-mL polypropylene centrifuge tube.

Paint chip sampling was performed in accordance with the requirements of the American Society of Testing and Materials standard E 1729 Standard Practice for Field Collection of Dried Paint Samples for Lead Determination by Atomic Absorption Spectrometry Techniques.

The paint chip sample was analyzed by EMSL Analytical of New York, NY. EMSL is a State of Connecticut approved laboratory for paint chip analysis. The paint chip sample was analyzed by flame Atomic Absorption Spectrometry (AAS) utilizing the USEPA SW 846, 7420 method.

INTERPRETATION OF XRF RESULTS

The U.S. Department of Labor Occupation Safety and Health Administration (OSHA) regulates lead dust exposure to workers in the construction industry under 29 CRF 1926.62 Lead Exposure in Construction; Interim Final Rule. This regulation requires that painted surfaces be tested for lead on any structures prior to the commencement of demolition, alteration, repair or renovation activities. If LBP is identified during the initial testing, a series of activities must occur in order for the contractor to maintain compliance with this regulation.

Initially, the individual task (e.g. welding, torch cutting, rivet busting, etc) must be assessed to determine if during the procedures workers are being exposed to lead dust exceeding the action level of 30 ug/m^3 of lead dust. The assessment is performed by personal exposure monitoring to determine if the action level is being exceeded. An action level is defined as a maximum concentration to which an employee may be exposed to prior to medical monitoring and awareness training being required. If the action level is not exceeded for the specific task; then all other requirements of the regulation do not apply. If the action level is exceeded for an individual task, then the remaining requirements of the regulation apply. These requirements include general awareness training regarding lead dust exposure, medical monitoring, respiratory protection, engineer controls and hygiene facilities for workers and awareness training regarding 29 CFR 1926.62 Lead in Construction; Interim Final Rule.

The initial exposure monitoring must be conducted on personnel who have completed lead general awareness training in accordance with 29 CFR 1926.62. Additionally, appropriate personal protective equipment (PPE) must be utilized during the initial exposure assessment. Two initial exposure assessments, conducted no sooner than seven days apart, with results below the action level, constitute a negative exposure assessment.

Currently, OSHA does not define a threshold level of lead in paint that may cause worker exposure. Any detectable level of lead in paint (>0.0 mg/cm2 by XRF or >0.01 % by AAS) requires task specific exposure monitoring.

For the purpose of this report, the XRF results are separated into two (2) categories; high levels of lead (>1.0 mg/cm2) and low levels of lead (<1.0 mg/cm2). Building materials containing high levels of lead have a greater probability of creating worker exposures during construction than do building materials with low levels of lead. Additionally, lead waste characterization sampling is required for building materials containing high levels of lead (>1.0 mg/cm2).

RESULTS

XRF Results

A total of forty (40) XRF readings were collected during the lead-based paint inspection within the first floor of Building B. There were fourteen (14) readings that were determined to contain high levels (>1.0 mg/cm^2) of lead in paint. The structural wood columns and steel column brackets, wood window components, lower brick walls and sprinkler pipes were found to contain levels greater than 1.0 mg/cm^2. These components that were confirmed to contain high levels of lead paint by way of XRF testing were identified throughout the inspected section of Building B. Additionally, the remaining tested structural components were determined to contain low levels of lead in paint. Although these levels of lead in paint were less than 1.0 mg/cm^2, the contractor must perform an exposure assessment on employees during tasks when painted materials are disturbed.

Paint Chip Results

A total of three (3) paint chip samples were collected and analyzed for this project. Paint chip analysis results that are equal to or exceed 0.5% lead by weight are considered positive (lead-based). Paint chip analysis results below 0.5% lead by weight are identified as being negative according to the USEPA. The following table identifies the paint chip sample locations and results:

Location	Component	Side	Result (%/wt.)
Area 5	Brick Wall Paint Chip	"C-D"	0.32
Area 2	Ceiling Deck Paint Chip	Center	0.042
Area 4	Beam Paint Chip	"A"	0.029

***Bold results indicate sample to be positive**

The confirmatory paint chip sampling results validates the data generated during the XRF testing for the upper brick walls, structural support beams and ceiling deck identifying these tested components as containing low levels of lead.

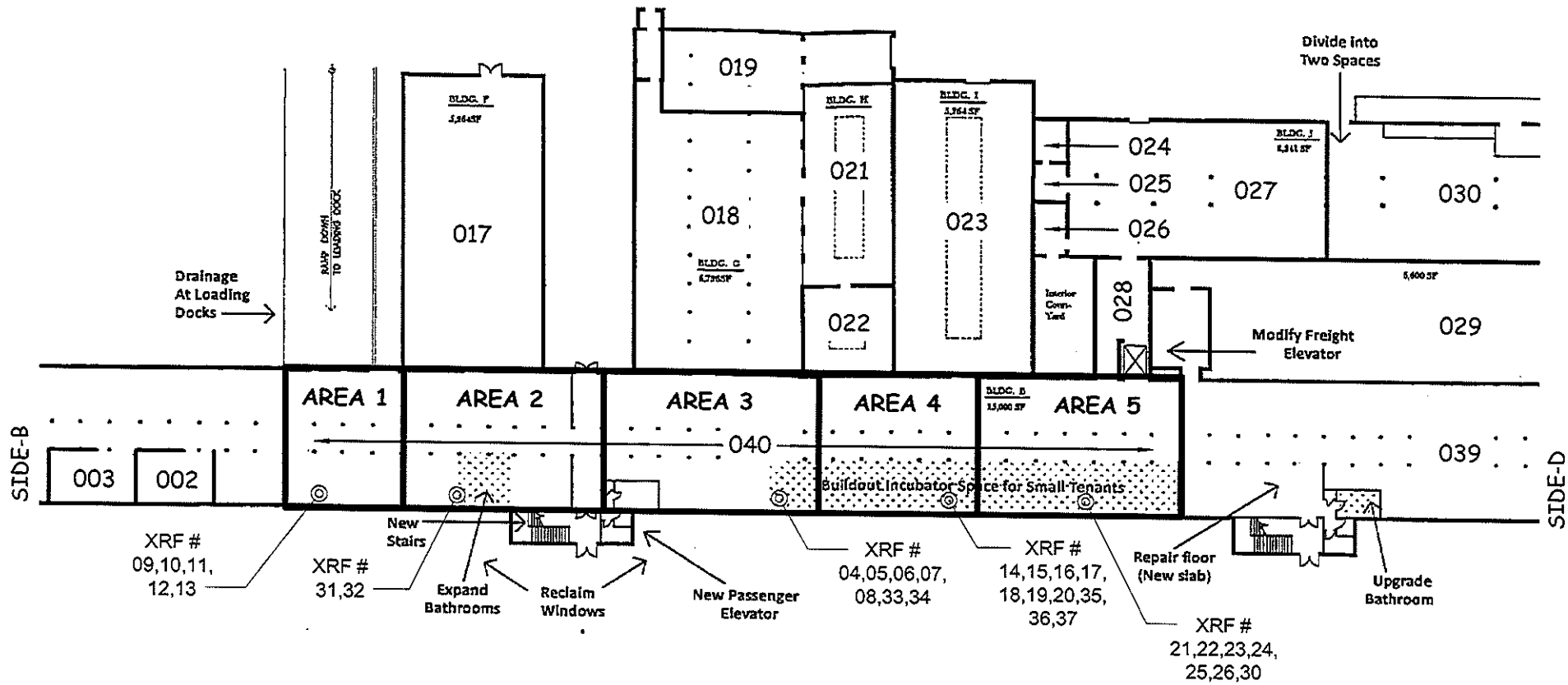
CONCLUSION

Work associated with the metal sprinkler lines, lower brick walls, structural wood columns or metal column brackets that were confirmed to contain lead-based paint must be performed by lead trained workers. If the steel sprinkler pipes that were found to contain high levels of lead are to be replaced, the painted pipes may be recycled at an approved recycling facility. Paint chips generated during this work must be characterized for proper disposal.

Initial exposure assessments must be performed on employees performing tasks that disturb building materials, which contain high or low levels of lead. The employer shall assume that employee exposures are above the Permissible Exposure Limit (PEL) of 50 µg/m^3 but not in excess of ten (10) times the PEL for manual demolition, manual scraping, manual sanding, heat gun applications, power tool cleaning with dust collection systems and spray painting with lead paint. Until the employer provides an employee exposure assessment, the employer shall provide the employee with appropriate respiratory protection, appropriate personal protective clothing and equipment, change areas, hand washing stations, biological monitoring and training.

APPENDIX 1
FLOOR PLAN WITH DESIGNATED AREAS

SIDE-C



PARTIAL FIRST FLOOR PLAN

SIDE-A (STREET SIDE)

EAGLE Environmental, Inc.
531 NORTH MAIN STREET
BRISTOL, CONNECTICUT 06010
860-589-8257

LEAD-BASED PAINT INSPECTION
REMINGTON RAND UPGRADES
180 JOHNSON STREET
MIDDLETOWN, CONNECTICUT
LEAD-BASED PAINT XRF READING # DIAGRAM

DATE: 4/13/12
PROJECT NO.: 12-002.13
DRAWN BY: MR
REVIEWED BY: AH

SHEET NO.
FP-1
SHEET 1 OF 1

FILE NAME: P:\2011 Files\2011 AutoCad\Middletown, City of\Remington Rand\INSPECTION\ Remington Rand.Floor Plans.dwg

APPENDIX 2
XRF LEAD-BASED PAINT TESTING REPORTS

LEAD PAINT INSPECTION REPORT

REPORT NUMBER: 04/02/12 12:00

INSPECTION FOR: Mr. Bill Warner
Director of Planning
245 DeKoven Drive
Middletown, CT 06457

PERFORMED AT: Remington Rand
180 Johnson Street
Building B Incubator

INSPECTION DATE: 04/02/12

INSTRUMENT TYPE: R M D
MODEL LPA-1
XRF TYPE ANALYZER
Serial Number: 1364

ACTION LEVEL: 1.0 mg/cm²

OPERATOR LICENSE: 002186

Building B Supplemental Testing

SIGNED: _____ Date: Apr. 02, 2012

Aaron E. Hatcher
Lead Inspector / Risk Assessor
Eagle Environmental, Inc.
531 North Main Street
Bristol, CT 06010

SUMMARY REPORT OF LEAD PAINT INSPECTION FOR: Mr. Bill Warner

Inspection Date:	04/02/12	Remington Rand
Report Date:	4-2-2012	180 Johnson Street
Abatement Level:	1.0	Building B Incubator
Report No.	04/02/12 12:00	
Total Readings:	40 Actionable: 14	
Job Started:	04/02/12 12:00	
Job Finished:	04/02/12 13:24	

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm²)	Mode
Interior Room 001 Area1									
013	A	Wall	Rgt		P	Brick	gray	4.9	QM
012	B	Column	Ctr		P	Wood	white	1.6	QM
Interior Room 002 Area2									
006	A	Sprinkler	Ctr		P	Steel	red	4.0	QM
007	A	Column	Ctr		P	Wood	white	1.9	QM
Interior Room 004 Area4									
018	A	Sprinkler	Rgt		P	Steel	red	3.2	QM
019	A	Wall	L Rgt		P	Brick	gray	1.0	QM
036	A	Window	Ctr	Rgt casing	P	Wood	gray	>9.9	QM
037	A	Window	Ctr	Sash	P	Wood	white	>9.9	QM
016	A	Column	Rgt		P	Wood	white	1.8	QM
017	A	Column	Rgt	Bracket	P	Steel	white	1.0	QM
021	C	Wall	L Rgt		P	Brick	gray	1.6	QM
Interior Room 005 Area5									
026	A	Column	Ctr		P	Wood	white	1.0	QM
030	A	Column	Ctr		P	Wood	gray	4.4	QM
024	D	Column	Rgt	Bracket	P	Steel	white	1.0	QM
Calibration Readings									

---- End of Readings ----

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Mr. Bill Warner

Inspection Date:	04/02/12	Remington Rand	
Report Date:	4-2-2012	180 Johnson Street	
Abatement Level:	1.0	Building B Incubator	
Report No.	04/02/12 12:00		
Total Readings:	40		
Job Started:	04/02/12 12:00		
Job Finished:	04/02/12 13:24		

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm²)	Mode
Interior Room 001 Area1									
013	A	Wall	Rgt		P	Brick	gray	4.9	QM
009	B	Ceiling deck	Lft		P	Wood	gray	0.2	QM
010	B	Ceiling deck	Lft	Beam	P	Wood	white	0.2	QM
011	B	Wall	U Lft		P	Brick	white	0.3	QM
012	B	Column	Ctr		P	Wood	white	1.6	QM
Interior Room 002 Area2									
004	A	Ceiling deck	Ctr		P	Wood	gray	0.1	QM
005	A	Ceiling deck	Ctr	Beam	P	Wood	white	-0.1	QM
006	A	Sprinkler	Ctr		P	Steel	red	4.0	QM
031	A	Ceiling deck	Ctr		P	Wood	gray	0.2	QM
032	A	Ceiling deck	Ctr	Beams	P	Wood	gray	0.2	QM
007	A	Column	Ctr		P	Wood	white	1.9	QM
008	A	Column	Ctr	Bracket	P	Steel	gray	-0.1	QM
Interior Room 003 Area3									
033	A	Ceiling deck	Ctr	Beams	P	Wood	gray	0.3	QM
034	A	Ceiling deck	Ctr		P	Wood	gray	0.0	QM
Interior Room 004 Area4									
035	A	Ceiling deck	Ctr		P	Wood	gray	0.1	QM
014	A	Ceiling deck	Rgt		P	Wood	gray	0.2	QM
015	A	Ceiling deck	Rgt	Beam	P	Wood	gray	0.1	QM
018	A	Sprinkler	Rgt		P	Steel	red	3.2	QM
019	A	Wall	L Rgt		P	Brick	gray	1.0	QM
020	A	Wall	U Rgt		P	Brick	white	0.3	QM
036	A	Window	Ctr	Rgt casing	P	Wood	gray	>9.9	QM
037	A	Window	Ctr	Sash	P	Wood	white	>9.9	QM
016	A	Column	Rgt		P	Wood	white	1.8	QM
017	A	Column	Rgt	Bracket	P	Steel	white	1.0	QM
021	C	Wall	L Rgt		P	Brick	gray	1.6	QM
Interior Room 005 Area5									
027								0.9	TC
028								0.9	TC
029								0.9	TC
026	A	Column	Ctr		P	Wood	white	1.0	QM
030	A	Column	Ctr		P	Wood	gray	4.4	QM
022	D	Ceiling Deck	Rgt		P	Wood	white	0.2	QM
023	D	Ceiling Deck	Rgt	Beam	P	Wood	white	0.0	QM
025	D	Wall	L Rgt		P	Brick	gray	0.5	QM
024	D	Column	Rgt	Bracket	P	Steel	white	1.0	QM
Calibration Readings									
001								1.1	TC
002								1.1	TC
003								1.1	TC
038								1.0	TC
039								1.0	TC

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Mr. Bill Warner

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm²)	Mode
040								1.1	TC

---- End of Readings ----

APPENDIX 3
PAINT CHIP SAMPLING LABORATORY RESULTS

031209975

EMSL – MA
7 Constitution Way, Ste 107
Woburn, MA 01801
(781) 933-8411
(781) 933-8412 Fax

EMSL – CT
4 Fairfield Blvd.
Wallingford, CT 06492
(203) 284-5948
(203) 284-5978 Fax

EMSL – NY
307 West 38th Street
New York, NY 10018
(866) 448-3675
(212) 290-0058 Fax

EMSL – NJ
107 Haddon Avenue
Westmont, NJ 08108
(800) 220-3675
(856) 858-4960 Fax

www.emsl.com

031209975

Your Name:	Brandy LeBlanc	**Project Manager:**	CL
Company:	Eagle Environmental, Inc.		
Street:	531 North Main Street		
City/State/Zip:	Bristol, CT 06010		
Phone:	860-589-8257 ext. 203	**Fax:** 860-585-7034	**Email:** halasa@eagleenviro.com,bleblanc@eagleenviro.com, jlamattina@eagleenviro.com
Project Name	Remington Rand BLDG. B	**Project #:**	12-002.13
Project Location:	180 Johnson Street, Middletown	**Project State (US):**	CT

TURNAROUND TIME

☐ 3 Hours ☐ 6 Hours ☒ 24 Hours ☐ 48 Hours ☐ 72 Hours ☐ 4 Days ☐ 5 Days ☐ 6-10 Days

SAMPLE MATRIX

☐ Air ☐ Bulk ☐ Soil ☐ Wipe ☐ Micro-Vac ☐ Drinking Water ☐ Wastewater ☒ Chips ☐ Other

ASBESTOS ANALYSIS

PCM - Air
- ☐ NIOSH 7400 (A) Issue 2: August 1994
- ☐ OSHA w/TWA

TEM AIR
- ☐ AHERA 40 CFR, Part 763 Subpart E
- ☐ NIOSH 7402 Issue 2
- ☐ EPA Level II

PLM - Bulk
- ☐ EPA 600/R-93/116
- ☐ NY Stratified Point Count
- ☐ California Air Resource Board (CARB) 435
- ☐ NIOSH 9002
- ☐ PLM NOB (Gravimetric) NYS 198.1
- ☐ EPA Point Count (400 Points)
- ☐ EPA Point Count (1,000 Points)
- ☐ Standard Addition Point Count

SOILS
- ☐ EPA Protocol Qualitative
- ☐ EPA Protocol Quantitative
- ☐ EMSL MSD 9000 Method fibers/gram
- ☐ Superfund EPA 540-R097-028 (dust generation)

TEM BULK
- ☐ Drop Mount (Qualitative)
- ☐ Chatfield SOP-1988-02
- ☐ TEM NOB (Gravimetric) NY 198.4

TEM MICROVAC
- ☐ ASTM D 5755-95 (Quantitative)

TEM WIPE
- ☐ ASTM D-6480-99
- ☐ Qualitative☐

TEM WATER
- ☐ EPA 100.1
- ☐ EPA 100.2
- ☐ NYS 198.2
- ☐ Other:

LEAD ANALYSIS

Flame Atomic Absorption
- ☐ Wipe, SW846-7420☐ASTM ☐ non ASTM
- ☐ Soil, SW846-7420
- ☐ Air, NIOSH 7082
- ☒ Chips, SW846-7420 or AOAC 5.009 (974.02)
- ☐ Wastewater, SW 846-7420
- ☐ TCLP LEAD SW846-1311/7420

Graphite Furnace Atomic Absorption
- ☐ Air, NIOSH 7105
- ☐ Wastewater, SW846-7421
- ☐ Soil, SW846-7421
- ☐ Drinking Water, EPA 239.2

ICP – Inductively Coupled Plasma
- ☐Wipe, SW846-6010☐ASTM ☐ non ASTM
- ☐ Soil, SW846-6010
- ☐ Air, NIOSH 7300

MATERIALS ANALYSIS

- ☐ Full Particle Identification
- ☐ Optical Particle Identification
- ☐ Dust Mites and Insect Fragments
- ☐ Particle Size & Distribution
- ☐ Product Comparison
- ☐ Paint Characterizaton
- ☐ Failure Analysis
- ☐ Corrosion Analysis
- ☐ Glove Box Containment Study
- ☐ Petrographic Examination of Concrete
- ☐ Portland Cement in Workplace Atmospheres (OSHA ID-143)
- ☐ Man Made Vitrous Fibers – MMVF's
- ☐ Synthetic Fiber Identification
- ☐ Other:

MICROBIAL ANALYSIS

Air Samples
- ☐Mold & Fungi by Air O Cell
- ☐Mold & Fungi by Agar Plate count & id
- ☐Bacterial Count and Gram Stain
- ☐Bacterial Count and Identification

Water Samples
- ☐ Total Coliforms, Fecal Coliforms
- ☐ Escherichia Coli, Fecal Streptococcus
- ☐ Legionella
- ☐ Salmonella
- ☐ Giardia and Cryptosporidium

Wipe and Bulk Samples
- ☐ Mold & Fungi – Direct Examination
- ☐ Mold & Fungi – (Culture follow up to direct examination if necessary)
- ☐ Mold & Fungi – Culture (Count & ID)
- ☐ Mold & Fungi – Culture (Count only)
- ☐ Bacterial Count & Gram Stain
- ☐ Bacterial Count & Identification (3 most prominent types)
- ☐ Other:

IAQ ANALYSIS

- ☐ Nuisance Dust (NIOSH 0500 & 0600)
- ☐ Airborne Dust (PM10, TSP)
- ☐ Silica Analysis by XRD ☐ Niosh7500
- ☐ HVAC Efficiency
- ☐ Carbon Black
- ☐ Airborne Oil Mist
- ☐ Other:

EMSL-LAB RECEIVED 2012 APR 3 AM 9:08

Additional Information/Comments/Instructions: ****PLEASE STOP ON 1ST POSITIVE WITHIN SETS**

Client Sample # (S)	4/02 AH 01pb	4/02AH 03pb	**TOTAL SAMPLE #**		
Relinquished:		**Date:**	April 02, 2012	**Time:**	
Received:		**Date:**	4/3/12	**Time:**	9:08 am
Relinquished:		**Date:**		**Time:**	
Received:		**Date:**		**Time:**	

031209975

EMSL – MA
7 Constitution Way, Ste 107
Woburn, MA 01801
(781) 933-8411
(781) 933-8412 Fax

EMSL – CT
4 Fairfield Blvd.
Wallingford, CT 06492
(203) 284-5948
(203) 284-5978 Fax

EMSL – NY
307 West 38th Street
New York, NY 10018
(866) 448-3675
(212) 290-0058 Fax

EMSL – NJ
107 Haddon Avenue
Westmont, NJ 08108
(800) 220-3675
(856) 858-4960 Fax

www.emsl.com

SAMPLE NUMBER	LOCATION	SAMPLE DESCRIPTION	VOLUME Air (L)	Area (Inches sq.)
4/02 AH 01pb	BLDG. B AREA 5	Brick wall paint chip		
02 pb	BLDG. B AREA 2	Ceiling Deck paint chip		
03 pb	BLDG. B AREA 4	Beam paint chip		

031209975

EMSL MA RECEIVED 2002 APR -3 AM 9:08

R. [illegible]

EMSL Analytical, Inc.
307 West 38th Street, New York, NY 10018
Phone: (212) 290-0051 Fax: (212) 290-0058 Email: manhattanlab@emsl.com

Attn: **Brandy LeBlanc**
Eagle Environmental, Inc. (CT)
531 North Main St.
Bristol, CT 06010

Fax: (860) 585-7034 Phone: (860) 589-8257
Project: **12-002.13.Remington Rand Bldg.B,180 Johnson Street,Middletown,CT**

Customer ID: EEVM50
Customer PO:
Received: 04/03/12 9:08 PM
EMSL Order: 031209975

EMSL Proj:

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B*/7000B)

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Lead Concentration*
04/2 AH 01PB	*0001*	4/3/2012	4/4/2012	0.32 % wt
Site: BLDG B AREA 5/ BRICK WALL PAINT CHIP				
04/2 AH 02 PB	*0002*	4/3/2012	4/4/2012	0.042 % wt
Site: BLDG 5 AREA 2 / CEILING DECK PAINT CHIP				
04/2 AH 03 PB	*0003*	4/3/2012	4/4/2012	0.029 % wt
Site: BLDG B AREA 4/ BEAM PAINT CHIP				

Initial report from 04/04/2012 17:23:26

M. Apfeldorfer

Miron Apfeldorfer, Laboratory Manager
or other approved signatory

Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. The QC data associated with these results included in this report meet the method QC requirements, unless specifically indicated otherwise. Unless noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. * slight modifications to methods applied. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request.
Samples analyzed by EMSL Analytical, Inc. New York, NY AIHA-LAP, LLC--ELLAP Lab 102581, NYS ELAP 11506

APPENDIX 4
EAGLE ENVIRONMENTAL INC., CONSULTANT CERTIFICATES

CERT# A-609 - 466

CHEMSCOPE TRAINING DIVISION

ASBESTOS INSPECTOR REFRESHER

4HOUR TRAINING CERTIFICATE

Aaron Hatcher

631 North Main Street , Bristol CT

Has attended an 4 hour annual refresher course on the subject discipline on

01/05/2012 and has passed a written examination.

"The person receiving this certificate has completed the requisite training required for asbestos accreditation as an inspector under TSCA Title II"

Course topics include a review and update on asbestos health hazards, functions of inspectors and management planners, building systems, planning, inspecting for asbestos, sampling and analysis, respiratory protection, government regulations and preparing the inspection report.

Examination Date: 01/05/2012

Expiration Date: 01/05/2013

This training course has been accredited by the State of Connecticut.

Ronald D. Arena or Scott Arena
Training Director Training Manager

Chem Scope, Inc.
15 Moulthrop Street
North Haven CT 06473
(203) 865-5605

Litho. In U.S.A.

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS LICENSED BY THIS DEPARTMENT AS A
ASBESTOS CONSULTANT INSPECTOR

AARON HATCHER

LICENSE NO.
000645
CURRENT THROUGH
06/31/12
VALIDATION NO.
03-245815

SIGNATURE COMMISSIONER

CERT# L-600 - 714

CHEMSCOPE TRAINING DIVISION

LEAD INSPECTOR/RISK ASSESSOR REFRESHER

8HOUR TRAINING CERTIFICATE

Aaron Hatcher

531 North Main Street , Bristol CT

Has attended an 8 hour course on the subject discipline on

3/9/2012 and has passed a written and hands on skills examination.

The above individual has successfully completed the above training course approved in accordance with the Department of Public Health Standards established pursuant to Section 20-477 of the Connecticut General Statutes.

Course syllabus includes all required topics of State of Connecticut DPH and EPA.

Examination Date: 3/9/2012

Expiration Date: 3/9/2013

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (U.S.C. 1001 and 15 U.S.C. 2615), I certify that this training complies with all applicable requirements of Title IV of TSCA, 40 CFR part 745 and any other applicable Federal, State, or local requirements.

Ronald D. Arena or Scott Arena
Training Director Training Manager

Chem Scope, Inc.
15 Moulthrop Street
North Haven CT 06473
(203) 865-5605

Litho. In U.S.A.

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS CERTIFIED BY THIS DEPARTMENT AS A
LEAD INSPECTOR RISK ASSESSOR

CERTIFICATION NO.
002186
CURRENT THROUGH
05/31/12
VALIDATION NO.
03-245817

AARON HATCHER

SIGNATURE

COMMISSIONER

APPENDIX 5
LABORATORY CERTIFCATES

State of Connecticut, Department of Public Health

Approved Environmental Laboratory

THIS IS TO CERTIFY THAT THE LABORATORY DESCRIBED BELOW HAS BEEN APPROVED BY THE STATE DEPARTMENT OF PUBLIC HEALTH PURSUANT TO APPLICABLE PROVISIONS OF THE PUBLIC HEALTH CODE AND GENERAL STATUTES OF CONNECTICUT, FOR MAKING THE EXAMINATIONS, DETERMINATIONS OR TESTS SPECIFIED BELOW WHICH HAVE BEEN AUTHORIZED IN WRITING BY THAT DEPARTMENT.

EMSL ANALYTICAL, INC. – MANHATTAN, NY

LOCATED AT 307 West 38th Street IN New York, NY 10018

AND REGISTERED IN THE NAME OF Peter Frasca, Ph.D.

THIS CERTIFICATE IS ISSUED IN THE NAME OF James Hall WHO HAS BEEN DESIGNATED BY THE REGISTERED OWNER/AUTHORIZED AGENT TO BE IN CHARGE OF THE LABORATORY WORK COVERED BY THIS CERTIFICATE OF APPROVAL AS FOLLOWS:

ASBESTOS

Examination For:
Bulk – Identification (PLM, TEM)
Air – Fiber Counting (PCM, TEM)
Water - TEM

Paint Chips, Soil, Dust Wipes

Examination For:
Lead

SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

THIS CERTIFICATE EXPIRES September 30, 2012 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH

DATED AT HARTFORD, CONNECTICUT, THIS 24th DAY OF September, 2010

Registration No.

PH-0170

SUZANNE BLANCAFLOR, MS
CHIEF, ENVIRONMENTAL HEALTH SECTION

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS LICENSED
BY THIS DEPARTMENT AS A

LEAD CONSULTANT CONTRACTOR

LICENSE NO.
001723
CURRENT THROUGH
04/30/12
VALIDATION NO.
03-219659

EAGLE ENVIRONMENTAL INC.

SIGNATURE

COMMISSIONER