AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. Contract Number DCAM-2010-B-0148	Page of Pages 1 1

2. Amendment/Modification Number	3. Effective Date	4. Requisition/Purchase Request No.	5. Solicitation Caption
DCAM-2010-B-0148-002	See 16C		Roof Replacement at the DC General Core Building

6. Issued By: Code	7. Administered By (If other than line 6)
D.C. Department of Real Estate Services Contracting and Procurement Division 2000 14th Street, NW 5th Floor Washington, DC 20009	D.C. Department of Real Estate Services Contracting and Procurement Division 2000 14th Street, NW 5th Floor Washington, DC 20009

8. Name and Address of Contractor (No. Street, city, country, state and ZIP Code)	(X)	9A. Amendment of Solicitation No. DCAM-2010-B-0148
		9B. Dated (See Item 11) September 2, 2010
		10A. Modification of Contract/Order No.
Code Facility		10B. Dated (See Item 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[X] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [ ] is extended. [X] is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning 1 copy of the amendment: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or fax which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or fax, provided each letter or telegram makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (If Required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14

	A. This change order is issued pursuant to: (Specify Authority) The changes set forth in Item 14 are made in the contract/order no. in item 10A.
	B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) set forth in item 14, pursuant to the authority of 27 DCMR, Chapter 36, Section 3601.2.
	C. This supplemental agreement is entered into pursuant to authority of:
	D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor [ ] is not, [X] is required to sign this document and return 1 copy to the issuing office.

14. Description of amendment/modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.)

Solicitation No. DCAM-2010-B-0148 for roof replacement at the D.C. General Core building is hereby amended as follows:

1. The attached Hazmat Survey Report is incorporated as Attachment A.

2. The list of responses to questions is herein incorporated as Attachment B.

3. All other Terms and Conditions remain unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item (9A or 10A) remain unchanged and in full force and effect

15A. Name and Title of Signer (Type or print)		16A. Name of Contracting Officer Diane Wooden	
15B. Name of Contractor (Signature of person authorized to sign)	15C. Date Signed	16B. District of Columbia Diane Wooden (Signature of Contracting Officer)	16C. Date Signed 9/15/10

SINCE 1881

FROEHLING & ROBERTSON, INC.

ENGINEERING • ENVIRONMENTAL • GEOTECHNICAL

7798 WATERLOO ROAD, JESSUP MD 20794 USA

T 443.733.1011 F 443.733.1015

ASBESTOS-CONTAINING MATERIAL and LEAD-BASED PAINT SURVEY

DC General Hospital Buildings 1, 2, and 29 Roofs
1900 Massachusetts Avenue, SE
Washington, DC 20003

Prepared For:
Architrave, P.C. Architects
420 10th Street, SE
Washington, DC 20003

Prepared By:
Froehling & Robertson, Inc.
7798 Waterloo Road
Jessup, Maryland 20794

F&R Project Number 68L-0154

June 17th, 2010

Prepared By:

Alan Lederman, CIH, CHMM
Environmental Group Manager

Table of Contents

APPENDICES

1.0 Introduction

Froehling and Robertson (F&R) was contracted by Architrave, P.C. Architects to perform an asbestos-containing material (ACM) and lead-based paint (LBP) survey of materials that could potentially be impacted by roofing renovations at Buildings 1, 2, and 29 of DC General Hospital. The investigation was performed by Environmental Protection Agency-Asbestos Hazard Emergency Response Act (EPA-AHERA)-trained asbestos building inspector and District of Columbia Licensed Lead Inspector, Alan Lederman on March 18, 2010 and June 10, 2010.

Please note that Mr. Lederman was only present for collection of roof core samples at Building #1. Roof core samples collected from Buildings 2 and Building 29 on March 19, 2010 were provided to F&R by Walls Contracting. F&R did not collect the roof core samples or observe the roof core sampling on these two buildings as part of this survey work. The scope of the work was generally indicated by Architrave, P.C. Architects based on the potential impacts of the planned roof replacement project.

The scope of this investigation consisted of the following items only:

- Screening for roofing materials that may be asbestos-containing materials (ACMs)
- Screening of roof surface coatings that may contain lead-based paint (LBP)

2.0 Asbestos-Containing Material (ACM)

2.1 Methodology

For this project, F&R collected suspect asbestos-containing roofing materials from Building 1 and was provided suspect asbestos-containing roof core samples from Buildings 2 and 29 by Walls Contracting; however, F&R did collect some ceiling and roofing materials from the interior of Building 2 from the 6th Floor. Samples collected by F&R were done so in general accordance with EPA-AHERA protocols and submitted under chain of custody to EMSL Analytical, Inc. (EMSL) located in Beltsville, Maryland, for analysis. EMSL is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) to analyze suspect asbestos-containing bulk materials. A total of seventy-five (75) bulk samples were submitted from all three buildings and analyzed using Polarized Light Microscopy (PLM) via EPA Method 600/R-93/116.

2.2 Results (Refer also to Appendix A for Laboratory Reports)

TABLE 1
BUILDING #1 ACM LABORATORY RESULTS

Sample #	Sample Location	Sample Description	Analytical Results
Bldg. 1 Roof-1	Roof Vent North of Mechanical Shed	Roofing Tar	No Asbestos Detected
Bldg. 1 Roof-2	Roof Vent North of Mechanical Shed	Roofing Tar	No Asbestos Detected

TABLE 1 BUILDING #1 ACM LABORATORY RESULTS			
Sample #	**Sample Location**	**Sample Description**	**Analytical Results**
Bldg. 1 Roof-3	Roof Vent North of Mechanical Shed	Roofing Felt	No Asbestos Detected
Bldg. 1 Roof-4	Roof Vent North of Mechanical Shed	Roofing Felt	No Asbestos Detected
Bldg. 1 Roof-5	Roof Vent North of Mechanical Shed	Roofing Fiberboard	No Asbestos Detected
Bldg. 1 Roof-6	Roof Vent North of Mechanical Shed	Roofing Fiberboard	No Asbestos Detected
Bldg. 1 Roof-7	North Side Adjacent to Building #2	Roofing Felt	No Asbestos Detected
Bldg. 1 Roof-8	North Side Adjacent to Building #2	Roof Base Flashing	No Asbestos Detected
Bldg. 1 Roof-9	North Side Adjacent to Building #2	Roofing Fiberboard	No Asbestos Detected
Bldg. 1 Roof-10	North Side Adjacent to Building #2	Black Roof Flashing Caulk	No Asbestos Detected
Bldg. 1 Roof-11	Northeast Corner	Black Roof Flashing Caulk	No Asbestos Detected
Bldg. 1 Roof-12	Northeast Corner	Roof Vent Caulk	No Asbestos Detected
Bldg. 1 Roof-13	**Ventilation Duct at Northwest Corner**	**Black Duct Seam Sealant**	**20% Chrysotile**
Bldg. 1 Roof-14	South Side of Mechanical Shed	Roof Flashing Caulk	No Asbestos Detected
Bldg. 1 Roof-15	**East Side of Mechanical Shed**	**Roof Base Flashing**	**30% Chrysotile**
Bldg. 1 Roof-16	East Side of Mechanical Shed	Roofing Tar	No Asbestos Detected
Bldg. 1 Roof-17	East Side of Mechanical Shed	Surface Roofing Felt	No Asbestos Detected
Bldg. 1 Roof-18	East Side of Mechanical Shed	Interior Roofing Felt	No Asbestos Detected
Bldg. 1 Roof-19	East Side of Mechanical Shed	Roof Flashing Tar	No Asbestos Detected
Bldg. 1 Roof-20	East Side of Mechanical Shed	Base Roofing Felt	No Asbestos Detected
Bldg. 1 Roof-21	South Side of Roof	Roof Insulation Paper	No Asbestos Detected

TABLE 1 BUILDING #1 ACM LABORATORY RESULTS			
Sample #	**Sample Location**	**Sample Description**	**Analytical Results**
Bldg. 1 Roof-22	South Side of Roof	Concrete Deck	No Asbestos Detected
Bldg. 1 Roof-23	South Side of Roof	Concrete Deck	No Asbestos Detected

TABLE 2 BUILDING #2 ACM LABORATORY RESULTS			
Sample #	**Sample Location**	**Sample Description**	**Analytical Results**
Bldg. 2 Roof-1	**South Side of Roof**	**Cement Roofing Patch**	**15% Chrysotile**
Bldg. 2 Roof-2	South Side of Roof	Roofing Patch	Not Analyzed (Stop Positive)
Bldg. 2 Roof-3	South Side of Roof	Roofing Tar	No Asbestos Detected
Bldg. 2 Roof-4	South Side of Roof	Roofing Tar	No Asbestos Detected
Bldg. 2 Roof-5	South Side of Roof	Roof Base Flashing	No Asbestos Detected
Bldg. 2 Roof-6	South Side of Roof	Roof Base Flashing	No Asbestos Detected
Bldg. 2 Roof-7	South Side of Roof	Roofing Deck	No Asbestos Detected
Bldg. 2 Roof-8	South Side of Roof	Roofing Deck	No Asbestos Detected
Bldg. 2 Roof-9	South Side of Roof	Gypsum Plank	No Asbestos Detected
Bldg. 2 Roof-9A	South Side of Roof	Black Roof Seam Sealant	No Asbestos Detected
Bldg. 2 Roof-10	**South Side of Roof**	**Torch Down Roof Membrane-Black Layer**	**5% Chrysotile**
Bldg. 2 Roof-11	**South Side of Roof**	**Torch Down Roof Membrane-Silver Layer**	**10% Chrysotile**
Bldg. 2 Roof-12	South Side of Roof	Gutter Topping	No Asbestos Detected
Bldg. 2 Roof-13	South Side of Roof	Roofing Paper	No Asbestos Detected

TABLE 2 BUILDING #2 ACM LABORATORY RESULTS			
Sample #	**Sample Location**	**Sample Description**	**Analytical Results**
061010-01	6th Floor	Vapor Barrier on Brick	No Asbestos Detected
061010-02	6th Floor	Roofing Patch at Roof Drain	No Asbestos Detected
061010-03	6th Floor	1st Layer Gypsum Roofing Deck	No Asbestos Detected
061010-04	6th Floor	1st Layer Gypsum Roofing Deck	No Asbestos Detected
061010-05	6th Floor	1st Layer Gypsum Roofing Deck	No Asbestos Detected
061010-06	6th Floor	2nd Layer Gypsum Roofing Deck	No Asbestos Detected
061010-07	6th Floor	2nd Layer Gypsum Roofing Deck	No Asbestos Detected
061010-08	6th Floor	2nd Layer Gypsum Roofing Deck	No Asbestos Detected
061010-09	6th Floor	Brown Fireproofing on I-Beams	No Asbestos Detected
061010-10	6th Floor	Brown Fireproofing on I-Beams	No Asbestos Detected
061010-11	6th Floor	Brown Fireproofing on I-Beams	No Asbestos Detected
061010-12	6th Floor	Roofing Paper	No Asbestos Detected
061010-13	6th Floor	Skim Coat Wall Plaster	No Asbestos Detected
061010-14	6th Floor	Skim Coat Wall Plaster	No Asbestos Detected
061010-15	6th Floor	Skim Coat Wall Plaster	No Asbestos Detected
061010-16	6th Floor	Scratch Coat Wall Plaster	No Asbestos Detected
061010-17	6th Floor	Scratch Coat Wall Plaster	No Asbestos Detected
061010-18	6th Floor	Scratch Coat Wall Plaster	No Asbestos Detected
061010-19	6th Floor	Skim Coat Ceiling Plaster	No Asbestos Detected
061010-20	6th Floor	Skim Coat Ceiling Plaster	No Asbestos Detected

TABLE 2 BUILDING #2 ACM LABORATORY RESULTS			
Sample #	**Sample Location**	**Sample Description**	**Analytical Results**
061010-21	6th Floor	Skim Coat Ceiling Plaster	No Asbestos Detected
061010-22	6th Floor	Scratch Coat Ceiling Plaster	No Asbestos Detected
061010-23	6th Floor	Scratch Coat Ceiling Plaster	No Asbestos Detected
061010-24	6th Floor	Scratch Coat Ceiling Plaster	No Asbestos Detected
061010-25	6th Floor	Brown Insulation Board	No Asbestos Detected
061010-26	6th Floor	Brown Insulation Board	No Asbestos Detected
061010-27	6th Floor	Brown Insulation Board	No Asbestos Detected
061010-28	**6th Floor**	**12"x12" Tan Vinyl Floor Tile**	**4% Chrysotile**
061010-29	6th Floor	Black Floor Tile Mastic	No Asbestos Detected
061010-30	6th Floor	Brown Baseboard Mastic	No Asbestos Detected
061010-31	**4th Floor**	**Brown Fireproofing on I-Beam**	**15% Chrysotile**
061010-32	**4th Floor**	**Brown Fireproofing on Ceiling Deck**	**15% Chrysotile**

TABLE 3 BUILDING #29 ACM LABORATORY RESULTS			
Sample #	**Sample Location**	**Sample Description**	**Analytical Results**
Bldg. 29 Roof-1	Ground Floor Roof	Filter Fabric	No Asbestos Detected
Bldg. 29 Roof-2	Ground Floor Roof	Fiberboard	No Asbestos Detected
Bldg. 29 Roof-3	Main Roof	Roofing Membrane	No Asbestos Detected
Bldg. 29 Roof-4	Main Roof	Roofing Paper	No Asbestos Detected
Bldg. 29 Roof-5	Main Roof	Roofing Cement	No Asbestos Detected

TABLE 3 BUILDING #29 ACM LABORATORY RESULTS			
Sample #	**Sample Location**	**Sample Description**	**Analytical Results**
Bldg. 29 Roof-6	Main Roof	Roof Seam Sealant	No Asbestos Detected

2.3 Conclusions and Recommendations

Please see **Table 4** below for a summary of the ACM located on the Building 1, 2, and 29 roofs

TABLE 4 ACM SUMMARY					
Sample Description	**Location**	**Estimated Quantity**	**Friable**	**Condition**	**Asbestos Content**
BUILDING 1 ROOF					
Black Duct Seam Sealant	Ventilation Duct at Northwest Corner	25 Linear Feet	No	Poor	20% Chrysotile
Mechanical Shed Roof Base Flashing	Flashing Along Mechanical Shed	200 Square Feet	No	Fair	30% Chrysotile
BUILDING 2 ROOF					
Cement Roofing Patch	Peaked Windows and Throughout Concealed Gutter	1,000 Square Feet	No	Fair	15% Chrysotile
Torch Down Roof Membrane-Black Layer	Beneath Bottom 2'of Peaked Copper Roof, Beneath Concealed Gutter, and Within Parapet Wall	1,500 Square Feet	No	Unknown	5% Chrysotile
Torch Down Roof Membrane-Silver Layer	Beneath Bottom 2' of Peaked Copper Roof, Beneath Concealed Gutter, and Within Parapet Wall	1,500 Square Feet	No	Unknown	10% Chrysotile
BUILDING 29 ROOF					
NO ACM IDENTIFIED					

F&R offers the following observations in regards to the information presented in **Table 4:**

- F&R was not present for the collection of the roof core samples from Buildings 2 and 29. These samples were provided to F&R by Walls Contracting. F&R cannot attest to the method in which these samples were collected. Additionally, due to the fact that F&R was not present while these roofs were being sampled, F&R cannot attest to whether or not additional ACM may exist in these areas. Additional sampling of suspect asbestos-containing roofing material may be necessary prior to any activities that would impact roofing materials on Buildings 2 and 29.

- The estimates provided are preliminary and are not meant for contractor bidding purposes. Additional and/or greater quantities of these ACM's may be discovered during renovation/demolition activities. Additional field verification will be needed to confirm these quantities.

- Asbestos-containing fireproofing was identified on the 4th Floor of Building 2, however; based on the laboratory results of this investigation and a previous investigation at this building and the fact that the fireproofing on the 6th Floor had a different composition than the fireproofing on the 4th Floor as determined through microscopic analysis, the fireproofing on the 6th Floor can be assumed to be non-asbestos containing at this time.

2.3.1 Non-Friable Asbestos-Containing Materials

Asbestos (20% Chrysotile) was detected in a sample of the duct seam sealant associated with the ventilation duct located at the northwest corner of the Building 1 roof. This material is classified as non-friable asbestos and was observed by F&R to be in poor condition. All similar materials on the roof should be assumed to contain asbestos. F&R recommends that this material be removed and disposed of by a District of Columbia licensed asbestos abatement contractor if it is to be impacted by future roofing upgrades.

Asbestos (30% Chrysotile) was detected in a sample of the roof base flashing associated with the Mechanical Shed on the Building 1 roof. This material is classified as non-friable asbestos and was observed by F&R to be in fair condition. All similar materials on the roof should be assumed to contain asbestos. F&R recommends that this material be removed and disposed of by a District of Columbia licensed asbestos abatement contractor if it is to be impacted by future roofing upgrades.

Asbestos (15% Chrysotile) was detected in a sample of the cement roofing patch observed on the peaked windows and throughout the concealed gutter on the Building 2 roof. This material is classified as non-friable asbestos and was observed by F&R to be in fair condition. All similar materials on the roof should be assumed to contain asbestos. Due to the fact that this material is ubiquitous throughout the concealed gutters and peaked windows and that other ACM is located throughout the Building 2 roof, F&R recommends that any existing roofing material that is to be impacted by future roofing upgrades on Building 2 be assumed to contain asbestos and be removed and disposed of by a District of Columbia licensed asbestos abatement contractor, or be tested prior to disturbance for asbestos.

Asbestos (5% Chrysotile) was detected in a sample of the black layer of the torch down roof membrane on the Building 2 roof. This material is classified as non-friable asbestos. Due to the fact that this material is located underneath the bottom 2' of the peaked copper roof, the concealed gutter, and within the parapet wall and that other ACM is located throughout the Building 2 roof, F&R recommends that any existing roofing material that is to be impacted by future roofing upgrades on Building 2 be assumed to contain asbestos and be removed and disposed of by a District of Columbia licensed asbestos abatement contractor or be tested prior to disturbance for asbestos.

Asbestos (10% Chrysotile) was detected in a sample of the silver layer of the torch down roof membrane on the Building 2 roof. This material is classified as non-friable asbestos. Due to the fact that this material is located underneath the bottom 2' of the peaked copper roof, the concealed gutter, and

within the parapet wall and that other ACM is located throughout the Building 2 roof, F&R recommends that any existing roofing material that is to be impacted by future roofing upgrades on Building 2 be assumed to contain asbestos and be removed and disposed of by a District of Columbia licensed asbestos abatement contractor or be tested prior to disturbance for asbestos.

2.4 Applicable Regulations

EPA/NESHAP Regulations for Asbestos-Containing Materials

The U.S. Environmental Protection Agency promulgated the National Emission Standards for Hazardous Air Pollutants (NESHAP) [40 CFR Part 61], which addresses the application, removal and disposal of ACMs. Under NESHAP, the following categories are defined for ACMs:

Friable - When dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

Non-Friable - When dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

Category I Non-friable ACM - Packings, gaskets, resilient floor coverings, and asphalt roofing products containing more than 1% asbestos.

Category II Non-friable ACM – Any non-friable material, excluding Category I Non-friable ACM containing more than 1% asbestos.

Regulated Asbestos-Containing Material (RACM)-One of the following:

1. Friable ACM
2. Category I Non-friable ACM that has become friable.
3. Category I Non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading.
4. Category II Non-friable ACM that has a high probability of becoming, or has become, friable by the forces expected to act on the material during demolition or renovation operations.

Under NESHAP, the following actions are required:

1. Prior to the commencement of demolition or renovation activities, the building owner must inspect the affected facility or part of the facility where the demolition or renovation activities will occur for the presence of asbestos.
2. Remove all RACM from the facility before any activity begins that would break up, dislodge, or similarly disturb the material or preclude access for subsequent removal.
3. RACM need not be removed if:
   a) It is Category I non-friable ACM that is not in poor condition.
   b) It is on a facility component that is encased in concrete or other similar material and is adequately wet whenever exposed.
   c) It was not accessible for testing and was therefore not discovered until after demolition began and because of the demolition the material cannot be safely removed.

d) It is Category II non-friable ACM and the probability is low that the material will become crumbled, pulverized, or reduced to powder during demolition.

3.0 Lead-Based Paint

3.1 Methodology

F&R was contracted to perform a lead-based paint (LBP) screening survey of selected painted surfaces that are scheduled to be potentially impacted on the roofs of Buildings 1, 2, and 29. F&R did not observe any painted surfaces on Buildings 1 or 2 and therefore we did not assess any surfaces on these roofs for the presence of LBP. F&R was unable to access the Building 29 roof, and therefore we did not perform an LBP assessment of any of these surfaces. F&R recommends that a District of Columbia licensed Lead Inspector perform an assessment of painted surfaces on the Building 29 roof for the presence of LBP prior to any activities that may impact these surfaces.

3.2 Applicable Regulations and Recommendations

OSHA Regulations for Lead Based Paint

The determination of a material as LBP is based on the US Department of Housing and Urban Development (HUD) guidelines. It is important to note that even if a component is negative based on HUD guidelines, it may still contain concentrations of lead in the paint, which when disturbed, may generate lead dust greater than the Permissible Exposure Limit (PEL) of 50 micrograms per cubic millimeter (ug/m^3) as an 8-hour Time Weighted Average (TWA) established by the OSHA "Lead Exposure in Construction Rule (29 CFR 1926.62)."

The OSHA standard gives no guidance on acceptable levels of lead in paint at which no exposure to airborne lead (above the action level) would be expected. Rather, OSHA defines airborne concentrations, and references specific types of work practices and operations from which a lead hazard may be generated (reference 29 CFR 1926.62, section d). Each employer who has an operation covered by this standard shall determine if any employee may be exposed to lead at or above the Action Level of 30 ug/m^3 as an 8-hour TWA through performing a Negative Exposure Assessment (NEA). Exposure above the Action Level is permitted, however the Action Level initiates required medical monitoring.

4.0 Limitations

This report has been prepared for the exclusive use by Architrave, P.C. Architects and their associates. This service was performed in accordance with industry guidelines. No other warranty, expressed or implied, is made.

Our conclusions and recommendations are based, in part, upon information provided to us by others and on our site observations. We have not verified the completeness or accuracy of the information provided by others, unless otherwise noted. Our observations and recommendations are based upon conditions readily visible at the site at the time of our site visit, and upon current industry standards. During F&R's non-invasive inspection, accessible areas were visually surveyed for the presence of suspected ACM and LBP. Inaccessible areas were not surveyed and therefore suspected ACM may be present in those areas. Areas

inspected for the above-referenced materials were limited to those designated by the client.

The investigation was based on materials found in building above soil level. Any materials buried underneath the foundation were not accessible and will be considered to be an asbestos containing material until sampling rebuts the assumption.

During this study, suspect material samples were analyzed for asbestos and/or lead. As with any similar survey of this nature, actual conditions exist only at the precise locations from which suspect samples were collected. Certain inferences are based on the results of this sampling and related testing to form a professional opinion of conditions in areas beyond those from which the samples were collected. No other warranty, expressed or implied, is made.

Under this scope of services, F&R assumes no responsibility regarding response actions (e.g. O&M Plans, Encapsulation, Abatement, Removal, Notifications, etc.) initiated as a result of these findings. F&R assumes no liability for the duties and responsibilities of the Client with respect to compliance with these regulations. Compliance with regulations is the sole responsibility of the Client and should be conducted in accordance with local, state, and/or federal requirements, whichever is more stringent. All abatement activities or response actions should be performed by appropriately qualified and licensed-personnel and/or companies, as warranted.

Froehling & Robertson, Inc. by virtue of providing the services described in this report, does not assume the responsibility of the person(s) in charge of the site, or otherwise undertake responsibility for reporting to any local, state, or federal public agencies any conditions at the site that may present a potential danger to public health, safety, or the environment. The client agrees to notify the appropriate local, state, or federal public agencies as required by law, or otherwise to disclose, in a timely manner, any information that may be necessary to prevent any danger to public health, safety, or the environment. The contents of the report should not be construed in any way as a recommendation to purchase, sell, or develop the project site.

APPENDIX A

ASBESTOS DOCUMENTATION, LABORATORY REPORTS

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Alan Lederman**
Froehling & Robertson
7798 Waterloo Road
Jessup, MD 20794

Fax: (443) 733-1015 Phone: (443) 733-1011
Project: **DC General Roof**

Customer ID: FROE62
Customer PO:
Received: 03/20/10 3:00 PM
EMSL Order: 191002289

EMSL Proj:
Analysis Date: 3/22/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos			Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**		**% Non-Fibrous**	**% Type**
Bldg 1 Roof 01 *191002289-0001*	Roofing Tar	Black Non-Fibrous Homogeneous			100% Non-fibrous (other)	**None Detected**
Bldg 1 Roof 02 *191002289-0002*	Roofing Tar	Black Non-Fibrous Homogeneous			100% Non-fibrous (other)	**None Detected**
Bldg 1 Roof 03 *191002289-0003*	Roofing Felt	Black Non-Fibrous Heterogeneous	40%	Cellulose	60% Non-fibrous (other)	**None Detected**
Bldg 1 Roof 04 *191002289-0004*	Roofing Felt	Brown/Black Non-Fibrous Heterogeneous	40%	Cellulose	60% Non-fibrous (other)	**None Detected**
Bldg 1 Roof 05 *191002289-0005*	Roofing Fiberboard	Brown Fibrous Heterogeneous	100%	Cellulose	0% Non-fibrous (other)	**None Detected**
Bldg 1 Roof 06 *191002289-0006*	Roofing Fiberboard	Brown Fibrous Heterogeneous	100%	Cellulose	0% Non-fibrous (other)	**None Detected**
Bldg 1 Roof 07 *191002289-0007*	Roofing Felt	Black Non-Fibrous Heterogeneous	25%	Cellulose	75% Non-fibrous (other)	**None Detected**

Analyst(s)

Alexis Turner (23)

Joe Centifonti, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Samples analyzed by EMSL Analytical, Inc. 10768 Baltimore Avenue, BeltsvilleMD NVLAP Lab Code 200293-0

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Alan Lederman**
Froehling & Robertson
7798 Waterloo Road
Jessup, MD 20794

Fax: (443) 733-1015 Phone: (443) 733-1011
Project: **DC General Roof**

Customer ID: FROE62
Customer PO:
Received: 03/20/10 3:00 PM
EMSL Order: 191002289

EMSL Proj:
Analysis Date: 3/22/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos			Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**		**% Non-Fibrous**	**% Type**
Bldg 1 Roof 08 *191002289-0008*	Roof Base Flashing	Brown/Black Non-Fibrous Heterogeneous	25%	Cellulose	75% Non-fibrous (other)	**None Detected**
Bldg 1 Roof 09 *191002289-0009*	Roofing Fiberboard	Brown Fibrous Heterogeneous	80%	Cellulose	20% Non-fibrous (other)	**None Detected**
Bldg 1 Roof 10 *191002289-0010*	Black Roof Flashing	Black Non-Fibrous Homogeneous			100% Non-fibrous (other)	**None Detected**
Bldg 1 Roof 11 *191002289-0011*	Black Roof Flashing	Black Non-Fibrous Heterogeneous			100% Non-fibrous (other)	**None Detected**
Bldg 1 Roof 12 *191002289-0012*	Roof Vent Caulk	Black Non-Fibrous Heterogeneous	20%	Cellulose	80% Non-fibrous (other)	**None Detected**
Bldg 1 Roof 13 *191002289-0013*	Duct Seam Sealant	Black Non-Fibrous Heterogeneous			80% Non-fibrous (other)	**20% Chrysotile**
Bldg 1 Roof 14 *191002289-0014*	Mechanical Shed Flashing Caulk	Black Non-Fibrous Heterogeneous			100% Non-fibrous (other)	**None Detected**

Analyst(s)

Alexis Turner (23)

Joe Centifonti, Laboratory Manager
or other approved signatory

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Alan Lederman**
Froehling & Robertson
7798 Waterloo Road
Jessup, MD 20794

Fax: (443) 733-1015 Phone: (443) 733-1011
Project: **DC General Roof**

Customer ID: FROE62
Customer PO:
Received: 03/20/10 3:00 PM
EMSL Order: 191002289
EMSL Proj:
Analysis Date: 3/22/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
Bldg 1 Roof 15 *191002289-0015*	Roof Base Flashing	Black Non-Fibrous Heterogeneous		70% Non-fibrous (other)	**30% Chrysotile**
Bldg 1 Roof 16 *191002289-0016*	Roofing Tar	Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	**None Detected**
Bldg 1 Roof 17 *191002289-0017*	Surface Roofing Felt	Black Fibrous Heterogeneous	40% Glass	60% Non-fibrous (other)	**None Detected**
Bldg 1 Roof 18 *191002289-0018*	Interior Roofing Felt	Black Non-Fibrous Heterogeneous	25% Synthetic	75% Non-fibrous (other)	**None Detected**
Bldg 1 Roof 19 *191002289-0019*	Roof Flashing Tar	Black Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (other)	**None Detected**
Bldg 1 Roof 20 *191002289-0020*	Base Roofing Felt	Black Non-Fibrous Heterogeneous	25% Synthetic	75% Non-fibrous (other)	**None Detected**
Bldg 1 Roof 21 *191002289-0021*	Roof Insulation Paper	Black/Yellow Fibrous Heterogeneous	30% Glass	70% Non-fibrous (other)	**None Detected**

Analyst(s)

Alexis Turner (23)

Joe Centifonti, Laboratory Manager
or other approved signatory

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Alan Lederman**
Froehling & Robertson
7798 Waterloo Road
Jessup, MD 20794

Fax: (443) 733-1015 Phone: (443) 733-1011
Project: **DC General Roof**

Customer ID: FROE62
Customer PO:
Received: 03/20/10 3:00 PM
EMSL Order: 191002289

EMSL Proj:
Analysis Date: 3/22/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
Bldg 1 Roof 22 *191002289-0022*	Concrete Deck	Gray/Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
Bldg 1 Roof 23 *191002289-0023*	Concrete Deck	Gray/Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)

Alexis Turner (23)

Joe Centifonti, Laboratory Manager
or other approved signatory

THIS IS THE LAST PAGE OF THE REPORT.

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Alan Lederman**
Froehling & Robertson
7798 Waterloo Road
Jessup, MD 20794

Fax: (443) 733-1015 Phone: (443) 733-1011
Project: **68L0141**

Customer ID: FROE62
Customer PO:
Received: 03/20/10 3:00 PM
EMSL Order: 191002284

EMSL Proj:
Analysis Date: 3/21/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
Bldg 2-Roof-01 *191002284-0001*	Roofing Patch	Gray/Black/Silver Fibrous Heterogeneous	25% Cellulose 5% Glass 10% Wollastonite	45% Non-fibrous (other)	**15% Chrysotile**
Bldg 2 Roof-02 *191002284-0002*	Roofing Patch				**Stop Positive (Not Analyzed)**
Bldg 2 Roof-03 *191002284-0003*	Roofing Tar	Black/Silver Fibrous Heterogeneous	12% Wollastonite 40% Synthetic	48% Non-fibrous (other)	**None Detected**
Bldg 2 Roof-04 *191002284-0004*	Roofing Tar	Black/Silver Fibrous Heterogeneous	10% Wollastonite 45% Synthetic	45% Non-fibrous (other)	**None Detected**
Bldg 2 Roof-05 *191002284-0005*	Roofing Base Flashing	Black/Silver/Rust Fibrous Heterogeneous	40% Synthetic	60% Non-fibrous (other)	**None Detected**
Bldg 2 Roof-06 *191002284-0006*	Roofing Base Flashing	Black/Silver/Rust Fibrous Heterogeneous	40% Synthetic	60% Non-fibrous (other)	**None Detected**
Bldg 2 Roof-07 *191002284-0007*	Roofing Deck	Brown/White Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	**None Detected**

Analyst(s)

George Malone (7)

Joe Centifonti, Laboratory Manager
or other approved signatory

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Alan Lederman**
Froehling & Robertson
7798 Waterloo Road
Jessup, MD 20794

Fax: (443) 733-1015 Phone: (443) 733-1011
Project: **68L0141**

Customer ID: FROE62
Customer PO:
Received: 03/20/10 3:00 PM
EMSL Order: 191002284

EMSL Proj:
Analysis Date: 3/21/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos			Asbestos
Sample	**Description**	**Appearance**	**%**	**Fibrous**	**% Non-Fibrous**	**% Type**
Bldg 2 Roof-08 *191002284-0008*	Roofing Deck	Brown/White/Rust Fibrous Heterogeneous	15%	Cellulose	85% Non-fibrous (other)	**None Detected**

Analyst(s)

George Malone (7)

Joe Centifonti, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Samples analyzed by EMSL Analytical, Inc. 10768 Baltimore Avenue, BeltsvilleMD NVLAP Lab Code 200293-0

THIS IS THE LAST PAGE OF THE REPORT.

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Alan Lederman**
Froehling & Robertson
7798 Waterloo Road
Jessup, MD 20794

Fax: (443) 733-1015 Phone: (443) 733-1011
Project: **68L0154**

Customer ID: FROE62
Customer PO:
Received: 03/24/10 7:13 AM
EMSL Order: 191002373

EMSL Proj:
Analysis Date: 3/24/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos			Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**		**% Non-Fibrous**	**% Type**
Bldg. 2 Roof - 09 *191002373-0001*	Gypsum Plank	Brown/Gray Non-Fibrous Heterogeneous	15%	Cellulose	85% Non-fibrous (other)	**None Detected**
Bldg. 2 Roof - 10 *191002373-0002*	Torch Down Roof Membrane - Black Layer	Black Non-Fibrous Heterogeneous			95% Non-fibrous (other)	**5% Chrysotile**
Bldg. 2 Roof - 11 *191002373-0003*	Torch Down Roof Membrane - Silver Layer	Black/Silver Non-Fibrous Heterogeneous			90% Non-fibrous (other)	**10% Chrysotile**
Bldg. 2 Roof - 12 *191002373-0004*	Gutter Topping	Cream Non-Fibrous Heterogeneous	5%	Cellulose	95% Non-fibrous (other)	**None Detected**
Bldg. 2 Roof - 13 *191002373-0005*	Roofing Paper	Brown Fibrous Heterogeneous	80%	Cellulose	20% Non-fibrous (other)	**None Detected**

Analyst(s)

Alexis Turner (5)

Joe Centifonti, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Samples analyzed by EMSL Analytical, Inc. 10768 Baltimore Avenue, BeltsvilleMD NVLAP Lab Code 200293-0

THIS IS THE LAST PAGE OF THE REPORT.

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Alan Lederman**
Froehling & Robertson
7798 Waterloo Road
Jessup, MD 20794

Fax: (443) 733-1015 Phone: (443) 733-1011
Project: **DC GENERAL ROOF**

Customer ID: FROE62
Customer PO:
Received: 03/24/10 2:00 PM
EMSL Order: 191002410

EMSL Proj:
Analysis Date: 3/24/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos			Asbestos
Sample	**Description**	**Appearance**	**%**	**Fibrous**	**% Non-Fibrous**	**% Type**
BLDG 2 ROOF-09 *191002410-0001*	BLK SEAM SEALANT	Black/Silver Non-Fibrous Heterogeneous	25%	Cellulose	75% Non-fibrous (other)	**None Detected**

Analyst(s)

Alexis Turner (1)

Joe Centifonti, Laboratory Manager
or other approved signatory

THIS IS THE LAST PAGE OF THE REPORT.

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Alan Lederman**
Froehling & Robertson
7798 Waterloo Road
Jessup, MD 20794

Fax: (443) 733-1015 Phone: (443) 733-1011
Project: **68L0154**

Customer ID: FROE62
Customer PO:
Received: 03/24/10 7:08 AM
EMSL Order: 191002372

EMSL Proj:
Analysis Date: 3/24/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos			Asbestos
Sample	**Description**	**Appearance**	**%**	**Fibrous**	**% Non-Fibrous**	**% Type**
Bldg. 29 Roof - 01 *191002372-0001*	Filter Fabric (Ground Floor Roof)	Brown/Gray Fibrous Heterogeneous	80%	Synthetic	13% Non-fibrous (other) 7% Quartz	**None Detected**
Bldg. 29 Roof - 02 *191002372-0002*	Fiberboard (Ground Floor Roof)	Brown/Gray Fibrous Heterogeneous	95%	Cellulose	5% Non-fibrous (other)	**None Detected**
Bldg. 29 Roof - 03 *191002372-0003*	Roofing Membrane (Main Roof)	Brown/Black Fibrous Heterogeneous	10% 25% 25%	Cellulose Glass Synthetic	40% Non-fibrous (other)	**None Detected**
Bldg. 29 Roof - 04 *191002372-0004*	Roofing Paper (Main Roof)	Brown/Black/Yellow Fibrous Heterogeneous	10% 65%	Glass Cellulose	25% Non-fibrous (other)	**None Detected**
Bldg. 29 Roof - 05 *191002372-0005*	Roofing Cement (Main Roof)	Brown/Black/Silver Fibrous Heterogeneous	45%	Cellulose	55% Non-fibrous (other)	**None Detected**
Bldg. 29 Roof - 06 *191002372-0006*	Roof Seam Sealant (Main Roof)	Gray Non-Fibrous Homogeneous			100% Non-fibrous (other)	**None Detected**

Analyst(s)

George Malone (6)

Joe Centifonti, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Samples analyzed by EMSL Analytical, Inc. 10768 Baltimore Avenue, BeltsvilleMD NVLAP Lab Code 200293-0

THIS IS THE LAST PAGE OF THE REPORT.

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Alan Lederman**
Froehling & Robertson
7798 Waterloo Road
Jessup, MD 20794

Fax: (443) 733-1015 Phone: (443) 733-1011
Project: **68L-0154**

Customer ID: FROE62
Customer PO:
Received: 06/10/10 10:15 AM
EMSL Order: 191005212

EMSL Proj:
Analysis Date: 6/11/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
061010-01 *191005212-0001*	Vapor Barrier on Brick	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
061010-02 *191005212-0002*	Roofing Patch at Roof Drain	Black Non-Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	**None Detected**
061010-03 *191005212-0003*	1st Layer Roofing Deck	White Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	**None Detected**
061010-04 *191005212-0004*	1st Layer Roofing Deck	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
061010-05 *191005212-0005*	1st Layer Roofing Deck	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
061010-06 *191005212-0006*	2nd Layer Roofing Deck	Cream Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	**None Detected**
061010-07 *191005212-0007*	2nd Layer Roofing Deck	Cream Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	**None Detected**

Analyst(s)

Alexis Turner (32)

Joe Centifonti, Laboratory Manager
or other approved signatory

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Alan Lederman**
Froehling & Robertson
7798 Waterloo Road
Jessup, MD 20794

Fax: (443) 733-1015 Phone: (443) 733-1011
Project: **68L-0154**

Customer ID: FROE62
Customer PO:
Received: 06/10/10 10:15 AM
EMSL Order: 191005212

EMSL Proj:
Analysis Date: 6/11/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos			Asbestos
Sample	**Description**	**Appearance**	**%**	**Fibrous**	**% Non-Fibrous**	**% Type**
061010-08 *191005212-0008*	2nd Layer Roofing Deck	Brown/White Non-Fibrous Heterogeneous	15%	Cellulose	85% Non-fibrous (other)	**None Detected**
061010-09 *191005212-0009*	Brown Fireproofing on I-Beams	Tan Fibrous Heterogeneous	35% 25%	Cellulose Glass	40% Non-fibrous (other)	**None Detected**
061010-10 *191005212-0010*	Brown Fireproofing on I-Beams	Tan Non-Fibrous Heterogeneous	35% 25%	Cellulose Glass	40% Non-fibrous (other)	**None Detected**
061010-11 *191005212-0011*	Brown Fireproofing on I-Beams	Tan Non-Fibrous Heterogeneous	35% 25%	Cellulose Glass	40% Non-fibrous (other)	**None Detected**
061010-12 *191005212-0012*	Roofing Paper	Brown Fibrous Heterogeneous	80%	Cellulose	20% Non-fibrous (other)	**None Detected**
061010-13 *191005212-0013*	Skim Coat Wall Plaster	White Non-Fibrous Heterogeneous			100% Non-fibrous (other)	**None Detected**
061010-14 *191005212-0014*	Skim Coat Wall Plaster	White Non-Fibrous Heterogeneous			100% Non-fibrous (other)	**None Detected**

Analyst(s)

Alexis Turner (32)

Joe Centifonti, Laboratory Manager
or other approved signatory

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Alan Lederman**
Froehling & Robertson
7798 Waterloo Road
Jessup, MD 20794

Fax: (443) 733-1015 Phone: (443) 733-1011
Project: **68L-0154**

Customer ID: FROE62
Customer PO:
Received: 06/10/10 10:15 AM
EMSL Order: 191005212

EMSL Proj:
Analysis Date: 6/11/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
061010-15 *191005212-0015*	Skim Coat Wall Plaster	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
061010-16 *191005212-0016*	Scratch Coat Wall Plaster	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
061010-17 *191005212-0017*	Scratch Coat Wall Plaster	Brown/Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
061010-18 *191005212-0018*	Scratch Coat Wall Plaster	Brown/Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
061010-19 *191005212-0019*	Skim Coat Ceiling Plaster	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
061010-20 *191005212-0020*	Skim Coat Ceiling Plaster	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
061010-21 *191005212-0021*	Skim Coat Ceiling Plaster	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)

Alexis Turner (32)

Joe Centifonti, Laboratory Manager
or other approved signatory

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Alan Lederman**
Froehling & Robertson
7798 Waterloo Road
Jessup, MD 20794

Fax: (443) 733-1015 Phone: (443) 733-1011
Project: **68L-0154**

Customer ID: FROE62
Customer PO:
Received: 06/10/10 10:15 AM
EMSL Order: 191005212

EMSL Proj:
Analysis Date: 6/11/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
061010-22 *191005212-0022*	Scratch Coat Ceiling Plaster	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
061010-23 *191005212-0023*	Scratch Coat Ceiling Plaster	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
061010-24 *191005212-0024*	Scratch Coat Ceiling Plaster	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
061010-25 *191005212-0025*	Brown Insulation Board	Gray Fibrous Heterogeneous	30% Cellulose 25% Glass	45% Non-fibrous (other)	**None Detected**
061010-26 *191005212-0026*	Brown Insulation Board	Gray Fibrous Heterogeneous	30% Cellulose 25% Glass	45% Non-fibrous (other)	**None Detected**
061010-27 *191005212-0027*	Brown Insulation Board	Gray Fibrous Heterogeneous	35% Cellulose 25% Glass	40% Non-fibrous (other)	**None Detected**
061010-28 *191005212-0028*	12x12 Tan VFT	White Non-Fibrous Heterogeneous		96% Non-fibrous (other)	**4% Chrysotile**

Analyst(s)

Alexis Turner (32)

Joe Centifonti, Laboratory Manager
or other approved signatory

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Alan Lederman**
Froehling & Robertson
7798 Waterloo Road
Jessup, MD 20794

Fax: (443) 733-1015 Phone: (443) 733-1011
Project: **68L-0154**

Customer ID: FROE62
Customer PO:
Received: 06/10/10 10:15 AM
EMSL Order: 191005212

EMSL Proj:
Analysis Date: 6/11/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
061010-29 *191005212-0029*	Black Mastic	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
061010-30 *191005212-0030*	Brown Baseboard Mastic	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
061010-31 *191005212-0031*	Brown Fireproofing on I-Beam	Cream Fibrous Heterogeneous		85% Non-fibrous (other)	**15% Chrysotile**
061010-32 *191005212-0032*	Brown Fireproofing on Ceiling Deck	Cream Fibrous Heterogeneous		85% Non-fibrous (other)	**15% Chrysotile**

Analyst(s)

Alexis Turner (32)

Joe Centifonti, Laboratory Manager
or other approved signatory

THIS IS THE LAST PAGE OF THE REPORT.

191002289

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (*Lab Use Only*):

EMSL ANALYTICAL, INC.
10768 BALTIMORE AVE
BELTSVILLE, MD 20705
PHONE: (301) 937-5700
FAX: (301) 937-5701

Company: Froehling & Robertson
Street: 7798 Waterloo Rd.
City: Jessup **State/Province:** MD
Report To (Name): Alan Lederman
Telephone #: 443-733-1041
Project Name/Number: DC General Roof
Please Provide Results: ☐ Fax ☑ Email **Purchase Order:**

EMSL-Bill to: ☐ Same ☐ Different
If Bill to is Different note instructions in Comments**
Third Party Billing requires written authorization from third party
Zip/Postal Code: 20794 **Country:** U.S.
Fax #: 443-733-1015
Email Address: alederman@fandr.com
U.S. State Samples Taken:

Turnaround Time (TAT) Options* – Please Check

☐ 3 Hours ☐ 6 Hours ☑ 24 Hrs ☑ 48 Hrs ☐ 3 Days ☐ 4 Days ☐ 5 Days ☐ 10 Days

**For TEM Air 3 hours/6 hours, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.*

PCM - Air
☐ NIOSH 7400
☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
☑ PLM EPA 600/R-93/116 (<1%)
☐ PLM EPA NOB (<1%)
Point Count
☐ 400 (<0.25%) ☐ 1000 (<0.1%)
Point Count w/Gravimetric
☐ 400 (<0.25%) ☐ 1000 (<0.1%)
☐ NYS 198.1 (friable in NY)
☐ NYS 198.6 NOB (non-friable-NY)
☐ NIOSH 9002 (<1%)

TEM - Air
☐ AHERA 40 CFR, Part 763
☐ NIOSH 7402
☐ EPA Level II
☐ ISO 10312

TEM - Bulk
☐ TEM EPA NOB
☐ NYS NOB 198.4 (non-friable-NY)
☐ Chatfield SOP
☐ TEM Mass Analysis-EPA 600 sec. 2.5

TEM – Water: EPA 100.2
Fibers >10µm ☐ Waste ☐ Drinking
All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Dust
☐ Microvac - ASTM D 5755
☐ Wipe - ASTM D6480
☐ Carpet Sonication (EPA 600/J-93/167)

Soil/Rock/Vermiculite
☐ PLM CARB 435 - A (0.25% sensitivity)
☐ PLM CARB 435 - B (0.1% sensitivity)
☐ TEM CARB 435 - B (0.1% sensitivity)
☐ TEM CARB 435 - C (0.01% sensitivity)
☐ EPA Protocol (Semi-Quantitative)
☐ EPA Protocol (Quantitative)

Other:
☐

☑ **Check For Positive Stop – Clearly Identify Homogenous Group**

Samplers Name: **Samplers Signature:**

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
Bldg. 1 Roof -01	Roofing Tar		3/18/10
Bldg. 1 Roof -02	"		
Bldg. 1 Roof -03	Roofing Felt		
Bldg. 1 Roof -04	"		
Bldg. 1 Roof -05	Roofing Fiberboard		
Bldg. 1 Roof -06	"		
Bldg. 1 Roof -07	Roofing Felt		
Bldg. 1 Roof -08	Roof Base Flashing		

Stop Positive ✓ ✓ ✓

Client Sample # (s): Bldg. 1 - Roof -1 - Bldg. 1 Roof -23 **Total # of Samples:** 23
Relinquished (Client): **Date:** 3/19/10 **Time:** 12:00pm
Received (Lab): **Date:** **Time:**
Comments/Special Instructions:

Chain of Custody

Asbestos Lab Services

EMSL Analytical, Inc.
10768 Baltimore Avenue
Beltsville, MD 20705

Phone: (301) 937-5700
Fax: (301) 937-5701
http://www.emsl.com

Please print all information legibly.

Client Sample # (s)_____ - _____ **Total Samples #:**_____

Relinquished:_____ **Date:**_____ **Time:**_____

Received: _____ **Date:**_____ **Time:**_____

Relinquished:_____ **Date:**_____ **Time:**_____

Received: _____ **Date:**_____ **Time:**_____

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	VOLUME (if applicable)
Bldg. 1 Roof-09	Roofing Fiberboard	
Bldg. 1 Roof-10	Black Roof Flashing	
Bldg. 1 Roof-11	"	
Bldg. 1 Roof-12	Roof Vent Caulk	
Bldg. 1 Roof-13	Duct Seam Sealant	
Bldg. 1 Roof-14	Mechanical Shed Flashing Caulk	
Bldg. 1 Roof-15	Roof Base Flashing	
Bldg. 1 Roof-16	Roofing Tar	
Bldg. 1 Roof-17	Surface Roofing Felt	
Bldg. 1 Roof-18	Interior Roofing Felt	
Bldg. 1 Roof-19	Roof Flashing Tar	
Bldg. 1 Roof-20	Base Roofing Felt	
Bldg. 1 Roof-21	Roof Insulation Paper	
Bldg. 1 Roof-22	Concrete Deck	
Bldg. 1 - Roof-23		

Stop + Stop +

2 of 3

191002289

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number *(Lab Use Only)*:

EMSL ANALYTICAL, INC.
10768 BALTIMORE AVE
BELTSVILLE, MD 20705
PHONE: (301) 937-5700
FAX: (301) 937-5701

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
Bldg-1-23	Concrete Deck		

***Comments/Special Instructions:**

Asbestos Lab Services Chain of Custody

EMSL ANALYTICAL, INC

EMSL Order Number *(Lab Use Only)*:

Bellsville, MD
10768 Baltimore Avenue
Beltsville, MD 20705
PHONE: (301) 937-5700
FAX: (301) 937-5701

Company: Froehling & Robertson

EMSL-Bill to: ☑ Same ☐ Different
If Bill to is Different note instructions in Comments**
Third Party Billing requires written authorization from third party

Street: 7798 Waterloo Road

City/State/Zip: Jessup, MD 20794

Report To (Name): Alan Lederman

Fax: 443-733-1015

Telephone: 443-733-1011

Email Address: alederman@fandr.com

Project Name/Number: 68L0141

Please Provide Results: Email

Purchase Order:

State Samples Taken: DC

Turnaround Time (TAT) Options* – Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☑ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*For TEM Air 3 hours/6 hours, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air
☐ NIOSH 7400
☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
☑ PLM EPA 600/R-93/116 (<1%)
☐ PLM EPA NOB (<1%)
Point Count
☐ 400 (<0.25%) ☐ 1000 (<0.1%)
Point Count w/Gravimetric
☐ 400 (<0.25%) ☐ 1000 (<0.1%)
☐ NYS 198.1 (friable in NY)
☐ NYS 198.6 NOB (non-friable-NY)
☐ NIOSH 9002 (<1%)

TEM – Air ☐ 4-4.5hr TAT (AHERA only)
☐ AHERA 40 CFR, Part 763
☐ NIOSH 7402
☐ EPA Level II
☐ ISO 10312

TEM - Bulk
☐ TEM EPA NOB
☐ NYS NOB 198.4 (non-friable-NY)
☐ Chatfield SOP
☐ TEM Mass Analysis-EPA 600 sec. 2.5

TEM – Water: EPA 100.2
Fibers >10µm ☐ Waste ☐ Drinking
All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Dust
☐ Microvac - ASTM D 5755
☐ Wipe - ASTM D6480
☐ Carpet Sonication (EPA 600/J-93/167)

Soil/Rock/Vermiculite
☐ PLM CARB 435 - A (0.25% sensitivity)
☐ PLM CARB 435 - B (0.1% sensitivity)
☐ TEM CARB 435 - B (0.1% sensitivity)
☐ TEM CARB 435 - C (0.01% sensitivity)
☐ EPA Protocol (Semi-Quantitative)
☐ EPA Protocol (Quantitative)

Other:
☐

☑ **Check For Positive Stop – Clearly Identify Homogenous Group**

Samplers Name:

Samplers Signature:

	Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
Stop +	Bldg. 2 Roof-01	Roofing Parch		
	Bldg. 2 Roof-02	"		
Stop +	Bldg. 2 Roof-03	Roofing Tar		
	Bldg. 2 Roof-04	"		
Stop +	Bldg. 2 Roof-05	Roof Base Flashing		
	Bldg 2 Roof-06	"		
Stop +	Bldg-2 Roof-07	Roofing Deck		
	Bldg. 2 Roof-08	"		

Client Sample # (s): Bldg. Roof-2-1 - Bldg. Roof2-8 **Total # of Samples:** 8

Relinquished (Client): [signature] **Date:** 3/19/10 **Time:** 12:00PM

Received (Lab): ECR **Date:** 3/20/10 **Time:** 3:00 pm Drop Box

Comments/Special Instructions:

Asbestos Lab Services Chain of Custody

EMSL Order Number *(Lab Use Only)*: 191002410

EMSL ANALYTICAL, INC
Beltsville, MD
10768 Baltimore Avenue
Beltsville, MD 20705
PHONE: (301) 937-5700
FAX: (301) 937-5701

Company: Froehling & Robertson	**EMSL-Bill to:** ☑ Same ☐ Different If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 7798 Waterloo Road	
City/State/Zip: Jessup, MD 20794	
Report To (Name): Alan Lederman	**Fax:** 443-733-1015
Telephone: 443-733-1011	**Email Address:** alederman@fandr.com
Project Name/Number: DC General Roof	
Please Provide Results: Email	**Purchase Order:** **State Samples Taken:** DC

Turnaround Time (TAT) Options* – Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*For TEM Air 3 hours/6 hours, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air
- ☐ NIOSH 7400
- ☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
- ☑ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)

Point Count
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)

Point Count w/Gravimetric
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
- ☐ NYS 198.1 (friable in NY)
- ☐ NYS 198.6 NOB (non-friable-NY)
- ☐ NIOSH 9002 (<1%)

TEM – Air ☐ **4-4.5hr TAT (AHERA only)**
- ☐ AHERA 40 CFR, Part 763
- ☐ NIOSH 7402
- ☐ EPA Level II
- ☐ ISO 10312

TEM - Bulk
- ☐ TEM EPA NOB
- ☐ NYS NOB 198.4 (non-friable-NY)
- ☐ Chatfield SOP
- ☐ TEM Mass Analysis-EPA 600 sec. 2.5

TEM – Water: EPA 100.2
- Fibers >10µm ☐ Waste ☐ Drinking
- All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Dust
- ☐ Microvac - ASTM D 5755
- ☐ Wipe - ASTM D6480
- ☐ Carpet Sonication (EPA 600/J-93/167)

Soil/Rock/Vermiculite
- ☐ PLM CARB 435 - A (0.25% sensitivity)
- ☐ PLM CARB 435 - B (0.1% sensitivity)
- ☐ TEM CARB 435 - B (0.1% sensitivity)
- ☐ TEM CARB 435 - C (0.01% sensitivity)
- ☐ EPA Protocol (Semi-Quantitative)
- ☐ EPA Protocol (Quantitative)

Other:
- ☐

☐ **Check For Positive Stop – Clearly Identify Homogenous Group**

Samplers Name: **Samplers Signature:**

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
Bldg. 2 Roof-09	Black Seam Sealant		

Client Sample # (s): Bldg. 2 Roof-09 **Total # of Samples:** 1

Relinquished (Client): **Date:** 3/24/10 **Time:** 2:00PM

Received (Lab): L. Howard Walk In **Date:** 3/24/10 **Time:** 2 pm

Comments/Special Instructions:

Asbestos Lab Services Chain of Custody

EMSL ANALYTICAL, INC

EMSL Order Number *(Lab Use Only):* 191002373

Beltsville, MD
10768 Baltimore Avenue
Beltsville, MD 20705
PHONE: (301) 937-5700
FAX: (301) 937-5701

Company: Froehling & Robertson	**EMSL-Bill to:** ☑ Same ☐ Different If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 7798 Waterloo Road	
City/State/Zip: Jessup, MD 20794	
Report To (Name): Alan Lederman	**Fax:** 443-733-1015
Telephone: 443-733-1011	**Email Address:** alederman@fandr.com
Project Name/Number: 68L0154	
Please Provide Results: Email	**Purchase Order:** **State Samples Taken:** DC

Turnaround Time (TAT) Options* – Please Check

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*For TEM Air 3 hours/6 hours, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air
- ☐ NIOSH 7400
- ☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
- ☐ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)

Point Count
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)

Point Count w/Gravimetric
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
- ☐ NYS 198.1 (friable in NY)
- ☐ NYS 198.6 NOB (non-friable-NY)
- ☐ NIOSH 9002 (<1%)

TEM – Air ☐ **4-4.5hr TAT (AHERA only)**
- ☐ AHERA 40 CFR, Part 763
- ☐ NIOSH 7402
- ☐ EPA Level II
- ☐ ISO 10312

TEM - Bulk
- ☐ TEM EPA NOB
- ☐ NYS NOB 198.4 (non-friable-NY)
- ☐ Chatfield SOP
- ☐ TEM Mass Analysis-EPA 600 sec. 2.5

TEM – Water: EPA 100.2
- Fibers >10µm ☐ Waste ☐ Drinking
- All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Dust
- ☐ Microvac - ASTM D 5755
- ☐ Wipe - ASTM D6480
- ☐ Carpet Sonication (EPA 600/J-93/167)

Soil/Rock/Vermiculite
- ☐ PLM CARB 435 - A (0.25% sensitivity)
- ☐ PLM CARB 435 - B (0.1% sensitivity)
- ☐ TEM CARB 435 - B (0.1% sensitivity)
- ☐ TEM CARB 435 - C (0.01% sensitivity)
- ☐ EPA Protocol (Semi-Quantitative)
- ☐ EPA Protocol (Quantitative)

Other:
- ☐

☐ **Check For Positive Stop – Clearly Identify Homogenous Group**

Samplers Name: Alan Lederman **Samplers Signature:** [signature]

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1			

Client Sample # (s): Bldg. 2 Roof-09. Bldg. 2 Roof-13 **Total # of Samples:** 5

Relinquished (Client): [signature] **Date:** 3/24/10 **Time:** 7:00 AM

Received (Lab): **Date:** **Time:**

Comments/Special Instructions:

EMSL ANALYTICAL, INC.

Asbestos Lab Services Chain of Custody

EMSL Order Number *(Lab Use Only)*: 191002373

Beltsville, MD
10768 Baltimore Avenue
Beltsville, MD 20705
PHONE: (301) 937-5700
FAX: (301) 937-5701

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
Bldg. 2 Roof-09	Gypsum Plank		
Bldg. 2 Roof-10	Torch Down Roof Membrane - Black Layer		
Bldg. 2 Roof-11	Torch Down Membrane - Silver Layer		
Bldg. 2 Roof-12	Gutter Topping		
Bldg. 2 Roof-13	Roofing Paper		

Comments/Special Instructions:

Asbestos Lab Services Chain of Custody

EMSL ANALYTICAL, INC

EMSL Order Number *(Lab Use Only)*: 191002372

Beltsville, MD
10768 Baltimore Avenue
Beltsville, MD 20705
PHONE: (301) 937-5700
FAX: (301) 937-5701

Company: Froehling & Robertson	**EMSL-Bill to:** ☑ Same ☐ Different If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 7798 Waterloo Road	
City/State/Zip: Jessup, MD 20794	
Report To (Name): Alan Lederman	**Fax:** 443-733-1015
Telephone: 443-733-1011	**Email Address:** alederman@fandr.com
Project Name/Number: 68L0154	
Please Provide Results: Email	**Purchase Order:** **State Samples Taken:** DC

Turnaround Time (TAT) Options* – Please Check

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*For TEM Air 3 hours/6 hours, please call ahead to schedule.*There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air
- ☐ NIOSH 7400
- ☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
- ☐ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)

Point Count
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)

Point Count w/Gravimetric
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
- ☐ NYS 198.1 (friable in NY)
- ☐ NYS 198.6 NOB (non-friable-NY)
- ☐ NIOSH 9002 (<1%)

TEM – Air ☐ 4-4.5hr TAT (AHERA only)
- ☐ AHERA 40 CFR, Part 763
- ☐ NIOSH 7402
- ☐ EPA Level II
- ☐ ISO 10312

TEM - Bulk
- ☐ TEM EPA NOB
- ☐ NYS NOB 198.4 (non-friable-NY)
- ☐ Chatfield SOP
- ☐ TEM Mass Analysis-EPA 600 sec. 2.5

TEM – Water: EPA 100.2
- Fibers >10µm ☐ Waste ☐ Drinking
- All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Dust
- ☐ Microvac - ASTM D 5755
- ☐ Wipe - ASTM D6480
- ☐ Carpet Sonication (EPA 600/J-93/167)

Soil/Rock/Vermiculite
- ☐ PLM CARB 435 - A (0.25% sensitivity)
- ☐ PLM CARB 435 - B (0.1% sensitivity)
- ☐ TEM CARB 435 - B (0.1% sensitivity)
- ☐ TEM CARB 435 - C (0.01% sensitivity)
- ☐ EPA Protocol (Semi-Quantitative)
- ☐ EPA Protocol (Quantitative)

Other:
- ☐

☐ **Check For Positive Stop – Clearly Identify Homogenous Group**

Samplers Name: Alan Lederman **Samplers Signature:**

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled

Client Sample # (s): Bldg. 29 Roof-01. Bldg. 29 Roof-06 **Total # of Samples:** 6

Relinquished (Client): **Date:** 3/24/10 **Time:** 7:00 AM

Received (Lab): **Date:** 3/24/10 **Time:** 7:10 AM

Comments/Special Instructions:

Prep Bldg

EMSL ANALYTICAL, INC.

Asbestos Lab Services Chain of Custody

EMSL Order Number *(Lab Use Only)*: 191002372

Beltsville, MD
10758 Baltimore Avenue
Beltsville, MD 20705
PHONE: (301) 937-5700
FAX: (301) 937-5701

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
Bldg. 29 Roof-01	Filter Fabric (Ground Floor Roof)		
Bldg. 29 Roof-02	Fiberboard (Ground Floor Roof)		
Bldg. 29 Roof-03	Roofing Membrane (Main Roof)		
Bldg. 29 Roof-04	Roofing Paper (Main Roof)		
Bldg. 29 Roof-05	Roofing Cement (Main Roof)		
Bldg. 29 Roof-06	Roof Seam Sealant (Main Roof)		

Comments/Special Instructions:

Asbestos Lab Services Chain of Custody

EMSL Order Number *(Lab Use Only)*:

EMSL ANALYTICAL, INC

Beltsville, MD
10768 Baltimore Avenue
Beltsville, MD 20705
PHONE: (301) 937-5700
FAX: (301) 937-5701

Company: Froehling & Robertson	**EMSL-Bill to:** ☑ Same ☐ Different If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 7798 Waterloo Road	
City/State/Zip: Jessup, MD 20794	
Report To (Name): Alan Lederman	**Fax:** 443-733-1015
Telephone: 443-733-1011	**Email Address:** alederman@fandr.com
Project Name/Number: 68L-0159 0154	
Please Provide Results: Email	**Purchase Order:** **State Samples Taken:** DC

Turnaround Time (TAT) Options* – Please Check

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*For TEM Air 3 hours/6 hours, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air
- ☐ NIOSH 7400
- ☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
- ☑ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)

Point Count
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)

Point Count w/Gravimetric
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
- ☐ NYS 198.1 (friable in NY)
- ☐ NYS 198.6 NOB (non-friable-NY)
- ☐ NIOSH 9002 (<1%)

TEM – Air ☐ 4-4.5hr TAT (AHERA only)
- ☐ AHERA 40 CFR, Part 763
- ☐ NIOSH 7402
- ☐ EPA Level II
- ☐ ISO 10312

TEM - Bulk
- ☐ TEM EPA NOB
- ☐ NYS NOB 198.4 (non-friable-NY)
- ☐ Chatfield SOP
- ☐ TEM Mass Analysis-EPA 600 sec. 2.5

TEM – Water: EPA 100.2
- Fibers >10µm ☐ Waste ☐ Drinking
- All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Dust
- ☐ Microvac - ASTM D 5755
- ☐ Wipe - ASTM D6480
- ☐ Carpet Sonication (EPA 600/J-93/167)

Soil/Rock/Vermiculite
- ☐ PLM CARB 435 - A (0.25% sensitivity)
- ☐ PLM CARB 435 - B (0.1% sensitivity)
- ☐ TEM CARB 435 - B (0.1% sensitivity)
- ☐ TEM CARB 435 - C (0.01% sensitivity)
- ☐ EPA Protocol (Semi-Quantitative)
- ☐ EPA Protocol (Quantitative)

Other:
- ☐

☐ **Check For Positive Stop – Clearly Identify Homogenous Group**

Samplers Name: Alan Lederman **Samplers Signature:**

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
061010-01	Vapor Barrier on Brick	6th Floor	
061010-02	Roofing Patch at Roof Drain		
061010-03	1st Layer Roofing Deck		
061010-04	"		
061010-05	"		
061010-06	2nd Layer Roofing Deck		
061010-07	"		
061010-08	"		

Client Sample # (s): 01 - 32 **Total # of Samples:** 32

Relinquished (Client): **Date:** 6/10/10 **Time:** 10:15AM

Received (Lab): ECB **Date:** 6/10/10 **Time:** 10:15 am

Comments/Special Instructions: Drop off

EMSL ANALYTICAL, INC

Beltsville, MD
10768 Baltimore Avenue
Beltsville, MD 20705
PHONE: (301) 937-5700
FAX: (301) 937-5701

Asbestos Lab Services Chain of Custody

EMSL Order Number *(Lab Use Only):*

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
061010-09	Brown Fireproofing on I-Beams	6th Floor	
061010-10	"		
061010-11	"		
061010-12	Roofing Paper		
061010-13	Skim Coat Wall Plaster		
061010-14	"		
061010-15	"		
061010-16	Scratch Coat Wall Plaster		
061010-17	"		
061010-18	"		
061010-19	Skim Coat Ceiling Plaster		
061010-20	"		
061010-21	"		
061010-22	Scratch Coat Ceiling Plaster		
061010-23	"		
061010-24	"		

Comments/Special Instructions:

191005212

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (*Lab Use Only*):

EMSL ANALYTICAL, INC.
10768 BALTIMORE AVE
BELTSVILLE, MD 20705
PHONE: (301) 937-5700
FAX: (301) 937-5701

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
061010-25	Brown Insulation Board	6th Floor	
061010-26	"	↓	
061010-27	"		
061010-28	12"x12" Tan VFT		
061010-29	Black Mastic		
061010-30	Brown Baseboard Mastic		
061010-31	Brown Fireproofing on I-Beam	4th Floor	
061010-32	Brown Fireproofing on Ceiling Deck	4th Floor	

***Comments/Special Instructions:**

ATTACHMENT B
RESPONSES TO QUESTIONS

1) Q - We don't have any asbestos and lead paint survey prepared by Froehling & Robertson, Inc. as part of the bid package. Specification section 2080 Asbestos Removal, Page 1 Section 1.1 B listed this survey as a part of bid package.

A – See Attachment A of Amendment No. 2.

2) Q - Under specification section 01270-Unit Prices part-3.1 listed gypsum Deck Repair as a required unit price under this bid but bid form does not have this line item.

A - The entire roof of building 2 is being repaired, so there should not be a need for unit prices for gypsum deck repair.