

TABLE 2- SPORE TRAP SAMPLE RESULTS

Building 214

SAMPLE LOCATION	SAMPLE INFORMATION	FUNGAL SPORES AND PARTICULATES IDENTIFIED	
Outside/ Background	Spore trap sampling pump was placed outside Building 214 Sample date: 7 NOV 18 Sample Time: 1015 – 1020 hrs. Sample volume: 75 Liters <i>Sample ID: 214ST-1</i>	Ascospores	710 counts/m ³
		Aspergillus/Penicillium	580 counts/m ³
		Basidiospores	37200 counts/m ³
		Bipolaris	40 counts/m ³
		Cladosporium	1900 counts/m ³
		Epicoccum	40 counts/m ³
		Ganoderma	40 counts/m ³
		Myxomycetes	100 counts/m ³
		Rust	40 counts/m ³
		Cercospora	40 counts/m ³
		Total Fungi	40690 counts/m³
Accounting Room	Spore trap sampling pump was placed in 1 st Floor Accounting Room Sample date: 7 NOV 18 Sample Time: 1026 - 1031 hrs. Sample volume: 75 Liters <i>Sample ID: 214 ST – 2</i>	Ascospores	440 counts/m ³
		Aspergillus/Penicillium	1000 counts/m ³
		Basidiospores	4780 counts/m ³
		Cladosporium	400 counts/m ³
		Pithomyces	40 counts/m ³
		Total Fungi	6660 counts/m³
Break Room	Spore trap sampling pump was placed in the Basement Break Room Sample date: 7 NOV 18 Sample Time: 1103 - 1108 hrs. Sample volume: 75 Liters <i>Sample ID: 214 ST – 3</i>	Ascospores	100 counts/m ³
		Aspergillus/Penicillium	890 counts/m ³
		Basidiospores	6240 counts/m ³
		Cladosporium	200 counts/m ³
		Myxomycetes	40 counts/m ³
		Total Fungi	7470 counts/m³

1st Floor Reception	Spore trap sampling pump was placed in Reception Room. Sample date: 7 NOV 18 Sample Time: 1114-1119 hrs. Sample volume: 75 Liters <i>Sample ID: 214 ST – 4</i>	Ascospores Aspergillus/Penicillium Basidiospores Cladosporium Myxomycetes Stachybotrys/ Memnoniella Oidiodendron Total Fungi	100 counts/m³ 1600 counts/m³ 3500 counts/m³ 100 counts/m³ 90 counts/m³ 40 counts/m³ 90 counts/m³ 5520 counts/m³
1st Floor Receptionist Room	Spore trap sampling pump was placed in Receptionist Room Sample date: 7 NOV 18 Sample Time: 1121 – 1126 hrs. Sample volume: 75 Liters <i>Sample ID: 214 ST – 5</i>	Ascospores Aspergillus/Penicillium Basidiospores Cladosporium Total Fungi	100 counts/m³ 1100 counts/m³ 5180 counts/m³ 400 counts/m³ 6780 counts/m³
2nd Floor Lobby	Spore trap sampling pump was placed Lobby Sample date: 7 NOV 18 Sample Time: 1128 – 1133 hrs. Sample volume: 75 Liters <i>Sample ID: 214 ST – 6</i>	Alternaria Ascospores Aspergillus/Penicillium Basidiospores Cladosporium Myxomycetes Total Fungi	40 counts/m³ 200 counts/m³ 1500 counts/m³ 4000 counts/m³ 300 counts/m³ 90 counts/m³ 6130 counts/m³

TABLE 3 – ASBESTOS

Building 214

Sample Number	Material/ Location	Material Description	Quantity / Asbestos Content
214A – 1	Basement Floor – Floor Tile sample taken from the floor near stairwell	12 in. X 12 in. floor tiles gray in color with gray speckles	No Asbestos Detected (NAD)
214A – 2	Basement Floor – Floor Tile sample taken from the floor near stairwell	12 in. X 12 in. floor tiles gray in color with gray speckles	NAD
214A – 3	Basement Floor – Floor Tile sample taken from the floor near stairwell	12 in. X 12 in. floor tiles pink in color	NAD
214A – 4	Basement Floor – Floor Tile sample taken from the floor near stairwell	12 in. X 12 in. floor tiles pink in color	NAD
214A – 5	Basement Floor – Mechanical Room	Wall Plaster sampled white over tan plaster	NAD
214A – 6	Basement Floor – Mechanical Room	Wall Plaster sampled white over tan plaster	NAD
214A – 7	Basement Floor – Mechanical Room	Wall Plaster sampled white over tan plaster	NAD
214A – 8	Basement Floor – Mechanical Room	Ceiling Plaster sampled gray in color	NAD
214A – 9	Basement Floor – Mechanical Room	Ceiling Plaster sampled gray in color	NAD
214A – 10	Basement Floor – Mechanical Room	Ceiling Plaster sampled gray in color	NAD

Key:

NAD = No Asbestos Detected

In = inch

TABLE 4 – LEAD

Building 214

No.	Room Equivalent	Component Type/ Substrate/ Color	WC*	Reading mg/cm ²	Condition	“+”
1	Conference Room	Doorframe/ wood/ white	A	0.56	Good	
2	Conference Room	Door/ wood/ white	A	0.49	Good	
3	Conference Room	Wall/ Drywall/ tan	A	0.0	Good	
4	Conference Room	Chair Rail/ wood/ white	A	0.0	Good	
5	Conference Room	Wall/ Drywall/ tan	B	0.0	Good	
6	Conference Room	Window Sill/wood/ white	B	0.30	Good	
7	Conference Room	Window case/wood/ white	B	1.75	Good	+
8	Conference Room	Wall/ Drywall/ tan	C	0.0	Good	
9	Conference Room	Wall/ Drywall/ tan	D	0.0	Good	
10	Conference Room	Window frame/ metal/ white	D	0.0	Good	
11	Conference Room	Door/ wood/ white	D	0.0	Good	
12	Conference Room	Doorframe/ metal/ white	D	0.0	Good	
13	Exterior	Colum/ wood/ white	A	1.62	Good	+
14	Exterior	Hand Rail/ Metal/ Black	A	0.01	Good	
15	Exterior	Floor / Wood/ Gray	A	0.0	Poor	
16	Exterior	Window Sill/Concrete/ white	A	0.01	Good	
17	Exterior	Window Bars/Metal/ white	A	0.0	Good	
18	Exterior	Window case/wood/ white	A	5.0	Good	+
19	Exterior	Wall / Brick /Red	A	0.01	Good	
20	Exterior	Door Frame/ wood/ white	A	5.0	Good	+
21	Exterior	Door / wood/ white	A	0.07	Good	
22	Assistant Manager Room	Window Sill/wood/ white	A	7.46	Good	+

23	Assistant Manager Room	Window case/wood/ white	A	0.30	Good	
24	Assistant Manager Room	Wall/ Drywall/ tan	A	0.0	Good	
25	Assistant Manager Room	Wall/ Drywall/ tan	B	0.0	Good	
26	Assistant Manager Room	Wall/ Drywall/ tan	C	0.0	Good	
27	Assistant Manager Room	Wall/ Drywall/ tan	D	0.0	Good	
28	Assistant Manager Room	Base Board/wood/ white	A	0.0	Good	
29	Assistant Manager Room	Doorframe/ metal/ white	B	0.0	Good	
30	Assistant Manager Room	Door / wood/ white	A	0.0	Good	
31	Basement	Spiral Stair Case Steel Support/Metal/ Yellow		0.05	Good	
32	Basement	Hand Rail/ Metal/ Yellow		0.0	Good	
33	Basement	Wall / Brick /Yellow	C	0.04	Good	
34	Basement	Wall / Brick /Yellow	D	0.02	Good	
35	Basement	Wall / Drywall /Yellow	A	0.0	Good	
36	Basement	Wall / Brick /Yellow	B	0.07	Good	
37	Basement	Door Frame/ wood/ white	B	0,10	Good	
38	Basement	Wall / Brick /Green	D	0.05	Poor	
39	Basement	Wall / Brick /Green	C	0.08	Poor	
40	Fire Exit Corridor	Wall/ Wood /Brown	A	5.00	Poor	+
41	Fire Exit Corridor	Wall/ Wood /Brown	C	1.29	Poor	+
42	Fire Exit Corridor	Wall/ Dry Wall /Brown	D	0.0	Good	
43	Basement Men's Locker Room	Colum/ Metal/ white		3.55	Poor	+
44	Floor	Floor/ Concrete / Brown		0.0	Poor	
45	Basement Corridor	Wall / Cinderblock /Yellow	A	0.05	Good	
46	Basement Corridor	Wall / Cinderblock /Yellow	D	0.02	Good	
47	Basement Corridor	Wall / Cinderblock /Yellow	C	0.0	Good	
48	Basement Corridor	Wall / Cinderblock /Yellow	B	0.06	Good	
49	Basement Corridor	Roll Up Door/ Wood / White	B	0.76	Poor	
50	Basement Mechanical Room	Wall / Cinderblock /Orange	A	0.03	Poor	
51	Basement Mechanical Room	Colum/ Concrete / Pink		0.06	Poor	
52	Basement Mechanical Room	Wall / Cinderblock /Orange	C	0.21	Poor	
53	Basement Mechanical Room	Wall / Cinderblock /Orange	B	0.09	Poor	
54	Basement Mechanical Room	Wall / Cinderblock /Orange	D	0.09	Poor	
55	Basement Mechanical Room	Colum/ Concrete / Yellow		0.01	Good	

*WC = Wall Code: A=bldg. entrance, B, C, D, = clockwise from building entrance. “+” = Reading >1.0 mg/cm ²						

ATTACHMENT 1 – Spore Trap Sample Results



EXPANDED FUNGAL ASSESSMENT REPORT TM

Prepared Exclusively For

USACE

2 Hopkins Place
Suite 09-E-06-EN 9th Floor
Baltimore, MD 21201
[REDACTED]

Report Date: 11/12/2018
Project:
EMSL Order: 191814384

AIHA-LAP, LLC --EMLAP Accredited
#102891



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EMSL Analytical, Inc.

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EMSL Order: 191814384
Customer ID: USAC78
Collected: 11/07/2018
Received: 11/08/2018
Analyzed: 11/10/2018

Proj:

1. Description of Analysis

Analytical Laboratory

EMSL Analytical, Inc. (EMSL) is a nationwide, full service, analytical testing laboratory network providing Asbestos, Mold, Indoor Air Quality, Microbiological, Environmental, Chemical, Forensic, Materials, Industrial Hygiene and Mechanical Testing services since 1981. Ranked as the premier independently owned environmental testing laboratory in the nation, EMSL puts analytical quality as its top priority. This quality is recognized by many well-respected federal, state and private accrediting agencies, such as AIHA-LAP, LLC's EMLAP and proficiency testing providers such as AIHA, LLC's EMPAT programs, and assured by our high quality personnel, including many Ph.D. microbiologists and mycologists.

EMSL is an independent laboratory that performed the analysis of these samples. EMSL did not conduct the sampling or site investigation for this report. The samples referenced herein were analyzed under strict quality control procedures using state-of-the-art microbiological methods. The analytical methods used and the data presented are scientifically and legally defensible.

The laboratory data is provided in compliance with AIHA-LAP, LLC policy modules and ISO-IEC 17025 guidelines for the particular test(s) requested, including any associated limitations for the methods employed. These data are intended for use by professionals having knowledge of the testing methods necessary to interpret them accurately.



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Air Samples - Spore traps:

Spore traps are commercially available sampling devices that capture airborne particles on an adhesive slide. Air is pulled through the device using a vacuum pump. Spores, as well as other airborne particles, are impacted on the collection adhesive. Using spore trap collection methods has inherent limitations. These collection methods are biased towards larger spore sizes.

The analysis for total spore counts is a direct microscopic examination and does not include culturing or growing the fungi. Therefore, the results include both viable and non-viable spores. Some fungal groups produce similar spore types that cannot be distinguished by direct microscopic examination alone (i.e., *Aspergillus/Penicillium*, and others). Other spore types may lack distinguishing features that aid in their identification. These types are grouped into larger categories such as Ascospores or Basidiospores.

Fungal spores are identified and grouped by morphological characteristics including color, shape, septation, ornamentation, and fruiting structures (if present) which are compared to published mycological identification keys and texts. EMSL reports provide spore counts per cubic meter of air to three significant figures. Please note that each spore category is reported to three significant figures. Due to rounding and the application of three significant figures the sum of the individual spore numbers may not equal the total spore count on the report. EMSL does not maintain responsibility for final volume concentrations (counts/m³) since this volume is provided by the field collector and can not be verified by EMSL.

EMSL analyzes spore traps using phase contrast microscopy. There is a wide choice of collection devices (Air-O-Cell, Micro-5, Burkhard, etc.) on the market. Differences in analytical method may exist between spore trap devices.

Spore trap results are reported in spores per cubic meter of air. Due to the other airborne particles collected with the spores, EMSL reports a background particle density. Background density is an indication of overall particulate matter present on the sample (i.e. dust in the air). High background concentrations may obscure spores such as the *Penicillium/Aspergillus* group. The rating system is from 1-5 with 1 = 1 - 25% of the background obscured by material, 2 = 26 - 50%, 3 = 51 - 75%, 4 = 76% - 99%, 5 = 100% or overloaded. A background rating of 4 or higher should be regarded as a minimum count since the actual concentrations may be higher than those reported. EMSL will not be held responsible for overloading of samples. Sample volumes are left to the discretion of the company or persons conducting the fieldwork.

Skin fragment density is the percentage of skin cells making up the total background material, 1 = 1 - 25%, 2 = 26 - 50%, 3 = 51 - 75%, 4 = 76-100%. Skin fragment density is considered an indication of the general cleanliness in the area sampled. It has been estimated that up to 90% of household dust consists of dead skin cells.

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2. Analytical Results

See attached data reports and charts.



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Spore Trap ASSESSMENTReport™ Air-O-Cell(™) Analysis of Fungal Spores & Particulates (Methods MICRO-SOP-201, ASTM D7391)

	Particle Identification	Raw Count	(Count/m³)	% of Total	Interpretation Guideline
191814384-0008	Alternaria (Ulocladium)	-	-	-	
	Ascospores	16	710	1.7	
Client Sample ID 214ST-1	Aspergillus/Penicillium	13	580	1.4	
	Basidiospores	840	37200	91.4	
	Bipolaris++	1	40	0.1	
Location Outside Bldg	Chaetomium	-	-	-	
	Cladosporium	43	1900	4.7	
	Curvularia	-	-	-	
Sample Volume (L) 75	Epicoccum	1	40	0.1	
	Fusarium	-	-	-	
	Ganoderma	1	40	0.1	
Sample Type Background	Myxomycetes++	3	100	0.2	
	Pithomyces++	-	-	-	
	Rust	1	40	0.1	
Comments	Scopulariopsis/Microascus	-	-	-	
	Stachybotrys/Memnoniella	-	-	-	
	Unidentifiable Spores	-	-	-	
	Zygomycetes	-	-	-	
	Cercospora++	1	40	0.1	
	Chaetoconis	-	-	-	
	Nigrospora	-	-	-	
	Oidiodendron	-	-	-	
	Pestalotia/Pestalotiopsis	-	-	-	
	Total Fungi	920	40690	100	
	Other				
	Hyphal Fragment	1	40	-	
	Insect Fragment	-	-	-	
	Pollen	1	40	-	

Analytical Sensitivity 600x: **44** counts/cubic meter
Analytical Sensitivity 300x *: **13*** counts/cubic meter

Skin Fragments: **1** 1 to 4 (low to high)
Fibrous Particulate: **1** 1 to 4 (low to high)
Background: **2** 1 to 4 (low to high); 5 (overloaded)

No discernable field blank was submitted with this group of samples.

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

- Concentration at or below background
- Concentration above background
- Concentration 10X or more above background

- Not commonly found growing indoors, spores likely come from outside.
- Spores reported to be able to cause allergies in individuals.
- Potential for mycotoxin production exists with these fungi.
- These fungi are considered water damage indicators.

Stefanie Schneider

Stefanie Schneider, Microbiology Lab Manager
or Other Approved Signatory

Initial report from: 11/12/2018 09:58:33

Samples received in good condition unless otherwise noted. High levels of background particulate can obscure spores and other particulates, leading to underestimation. Background levels of 5 indicate an overloading of background particulates, prohibiting accurate detection and quantification. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. ** Denotes particles found at 300X. "-" Denotes not detected. Due to method stopping rules, raw counts in excess of 100 are extrapolated based on the percentage analyzed. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client.

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Proj:

Spore Trap ASSESSMENTReport™ Air-O-Cell(™) Analysis of Fungal Spores & Particulates (Methods MICRO-SOP-201, ASTM D7391)

	Particle Identification	Raw Count	(Count/m ³)	% of Total	Interpretation Guideline
191814384-0009	Alternaria (Ulocladium)	-	-	-	
	Ascospores	10	440	6.6	
Client Sample ID 214ST-2	Aspergillus/Penicillium	23	1000	15	
	Basidiospores	108	4780	71.8	
	Bipolaris++	-	-	-	
	Chaetomium	-	-	-	
Location Acct Rm	Cladosporium	8	400	6	
	Curvularia	-	-	-	
	Epicoccum	-	-	-	
Sample Volume (L) 75	Fusarium	-	-	-	
	Ganoderma	-	-	-	
	Myxomycetes++	-	-	-	
	Pithomyces++	1	40	0.6	
Sample Type Inside	Rust	-	-	-	
	Scopulariopsis/Microascus	-	-	-	
	Stachybotrys/Memnoniella	-	-	-	
Comments	Unidentifiable Spores	-	-	-	
	Zygomycetes	-	-	-	
	Cercospora++	-	-	-	
	Chaetoconis	-	-	-	
	Nigrospora	-	-	-	
	Oidiodendron	-	-	-	
	Pestalotia/Pestalotiopsis	-	-	-	
	Total Fungi	150	6660	100	
	Other				
	Hyphal Fragment	-	-	-	
	Insect Fragment	-	-	-	
	Pollen	-	-	-	

Analytical Sensitivity 600x: **44** counts/cubic meter
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- Concentration at or below background
- Concentration above background
- Concentration 10X or more above background

- Not commonly found growing indoors, spores likely come from outside.
- Spores reported to be able to cause allergies in individuals.
- Potential for mycotoxin production exists with these fungi.
- These fungi are considered water damage indicators.

Stefanie Schneider

Stefanie Schneider, Microbiology Lab Manager
or Other Approved Signatory

Initial report from: 11/12/2018 09:58:33

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Test Report EXMold-7.50.2 Printed: 11/12/2018 09:58:33AM

Page 6 of 33



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Spore Trap ASSESSMENTReport™ Air-O-Cell(™) Analysis of Fungal Spores & Particulates (Methods MICRO-SOP-201, ASTM D7391)

	Particle Identification	Raw Count	(Count/m ³)	% of Total	Interpretation Guideline
191814384-0010	Alternaria (Ulocladium)	-	-	-	
Client Sample ID 214ST-3	Ascospores	3	100	1.3	
	Aspergillus/Penicillium	20	890	11.9	
	Basidiospores	141	6240	83.5	
Location Break Rm	Bipolaris++	-	-	-	
	Chaetomium	-	-	-	
	Cladosporium	4	200	2.7	
Sample Volume (L) 75	Curvularia	-	-	-	
	Epicoccum	-	-	-	
	Fusarium	-	-	-	
Sample Type Inside	Ganoderma	-	-	-	
	Myxomycetes++	1	40	0.5	
	Pithomyces++	-	-	-	
Comments	Rust	-	-	-	
	Scopulariopsis/Microascus	-	-	-	
	Stachybotrys/Memnoniella	-	-	-	
	Unidentifiable Spores	-	-	-	
	Zygomycetes	-	-	-	
	Cercospora++	-	-	-	
	Chaetoconis	-	-	-	
	Nigrospora	-	-	-	
	Oidiodendron	-	-	-	
	Pestalotia/Pestalotiopsis	-	-	-	
Total Fungi		169	7470	100	
Other					
Hyphal Fragment		-	-	-	
Insect Fragment		-	-	-	
Pollen		-	-	-	

Analytical Sensitivity 600x: **44** counts/cubic meter
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Test Report EXMold-7.50.2 Printed: 11/12/2018 09:58:33AM

Page 7 of 33



EMSL Analytical, Inc.

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Attn: Stephen B. Epps
USACE
2 Hopkins Place
Suite 09-E-06-EN 9th Floor
Baltimore, MD 21201

EMSL Order: 191814384
Customer ID: USAC78
Collected: 11/07/2018
Received: 11/08/2018
Analyzed: 11/10/2018

Proj:

Spore Trap ASSESSMENTReport™ Air-O-Cell(™) Analysis of Fungal Spores & Particulates (Methods MICRO-SOP-201, ASTM D7391)

	Particle Identification	Raw Count	(Count/m ³)	% of Total	Interpretation Guideline
191814384-0011	Alternaria (Ulocladium)	-	-	-	
	Ascospores	3	100	1.8	
Client Sample ID 214ST-4	Aspergillus/Penicillium	37	1600	29	
	Basidiospores	79	3500	63.4	
	Bipolaris++	-	-	-	
	Chaetomium	-	-	-	
Location 1st FI Recep	Cladosporium	3	100	1.8	
	Curvularia	-	-	-	
	Epicoccum	-	-	-	
Sample Volume (L) 75	Fusarium	-	-	-	
	Ganoderma	-	-	-	
	Myxomycetes++	2	90	1.6	
	Pithomyces++	-	-	-	
Sample Type Inside	Rust	-	-	-	
	Scopulariopsis/Microascus	-	-	-	
	Stachybotrys/Memnoniella	1	40	0.7	
Comments	Unidentifiable Spores	-	-	-	
	Zygomycetes	-	-	-	
	Cercospora++	-	-	-	
	Chaetoconis	-	-	-	
	Nigrospora	-	-	-	
	Oidiodendron	2	90	1.6	
	Pestalotia/Pestalotiopsis	-	-	-	
	Total Fungi	127	5520	100	
	Other				
	Hyphal Fragment	-	-	-	
	Insect Fragment	-	-	-	
	Pollen	1	40	-	

Analytical Sensitivity 600x: **44** counts/cubic meter
Analytical Sensitivity 300x *: **13*** counts/cubic meter

Skin Fragments: **1** 1 to 4 (low to high)
Fibrous Particulate: **1** 1 to 4 (low to high)
Background: **2** 1 to 4 (low to high); 5 (overloaded)

No discernable field blank was submitted with this group of samples.

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

- Concentration at or below background
- Concentration above background
- Concentration 10X or more above background

- Not commonly found growing indoors, spores likely come from outside.
- Spores reported to be able to cause allergies in individuals.
- Potential for mycotoxin production exists with these fungi.
- These fungi are considered water damage indicators.

Stefanie Schneider

Stefanie Schneider, Microbiology Lab Manager
or Other Approved Signatory

Initial report from: 11/12/2018 09:58:33

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	Particle Identification	Raw Count	(Count/m ³)	% of Total	Interpretation Guideline
191814384-0012	Alternaria (Ulocladium)	-	-	-	
Client Sample ID 214ST-5	Ascospores	3	100	1.5	
	Aspergillus/Penicillium	25	1100	16.2	
	Basidiospores	117	5180	76.4	
	Bipolaris++	-	-	-	
Location Recreational Area	Chaetomium	-	-	-	
	Cladosporium	9	400	5.9	
	Curvularia	-	-	-	
	Epicoccum	-	-	-	
Sample Volume (L) 75	Fusarium	-	-	-	
	Ganoderma	-	-	-	
	Myxomycetes++	-	-	-	
	Pithomyces++	-	-	-	
Sample Type Inside	Rust	-	-	-	
	Scopulariopsis/Microascus	-	-	-	
	Stachybotrys/Memnoniella	-	-	-	
	Unidentifiable Spores	-	-	-	
Comments	Zygomycetes	-	-	-	
	Cercospora++	-	-	-	
	Chaetoconis	-	-	-	
	Nigrospora	-	-	-	
	Oidiodendron	-	-	-	
	Pestalotia/Pestalotiopsis	-	-	-	
	Total Fungi	154	6780	100	
	Other				
	Hyphal Fragment	-	-	-	
	Insect Fragment	-	-	-	
	Pollen	1	40	-	

Analytical Sensitivity 600x: **44** counts/cubic meter
Analytical Sensitivity 300x *: **13*** counts/cubic meter

Skin Fragments: **1** 1 to 4 (low to high)
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191814384-0013	Alternaria (Ulocladium)	1	40	0.7	
	Ascospores	4	200	3.3	
	Aspergillus/Penicillium	35	1500	24.5	
	Basidiospores	90	4000	65.3	
Client Sample ID 214ST-6	Bipolaris++	-	-	-	
	Chaetomium	-	-	-	
	Cladosporium	7	300	4.9	
	Curvularia	-	-	-	
Location 2nd FI Lobby	Epicoccum	-	-	-	
	Fusarium	-	-	-	
	Ganoderma	-	-	-	
	Myxomycetes++	2	90	1.5	
Sample Volume (L) 75	Pithomyces++	-	-	-	
	Rust	-	-	-	
	Scopulariopsis/Microascus	-	-	-	
	Stachybotrys/Memnoniella	-	-	-	
Sample Type Inside	Unidentifiable Spores	-	-	-	
	Zygomycetes	-	-	-	
	Cercospora++	-	-	-	
	Chaetoconis	-	-	-	
Comments	Nigrospora	-	-	-	
	Oidiodendron	-	-	-	
	Pestalotia/Pestalotiopsis	-	-	-	
	Total Fungi	139	6130	100	
Other					
	Hyphal Fragment	-	-	-	
	Insect Fragment	-	-	-	
	Pollen	-	-	-	

Analytical Sensitivity 600x: **44** counts/cubic meter
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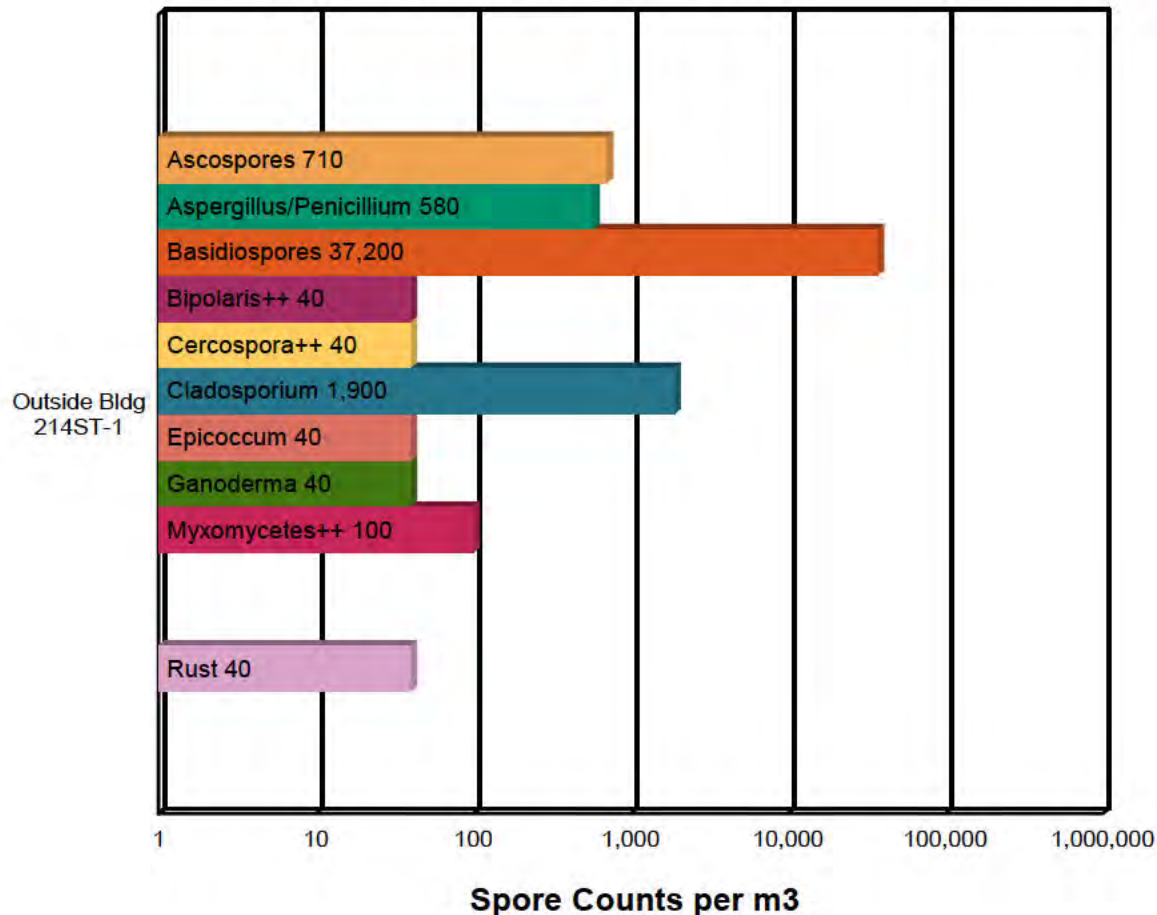
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Spore Trap Report: Total Counts



Alternaria (Ulocladium)	Ascospores	Aspergillus/Penicillium
Basidiospores	Bipolaris++	Cercospora++
Cladosporium	Epicoccum	Ganoderma
Myxomycetes++	Oidiodendron	Pithomyces++
Rust	Stachybotrys/Memnoniella	

* The chart is displayed using a logarithmic scale. Bar size is not directly proportional to the number of spores.



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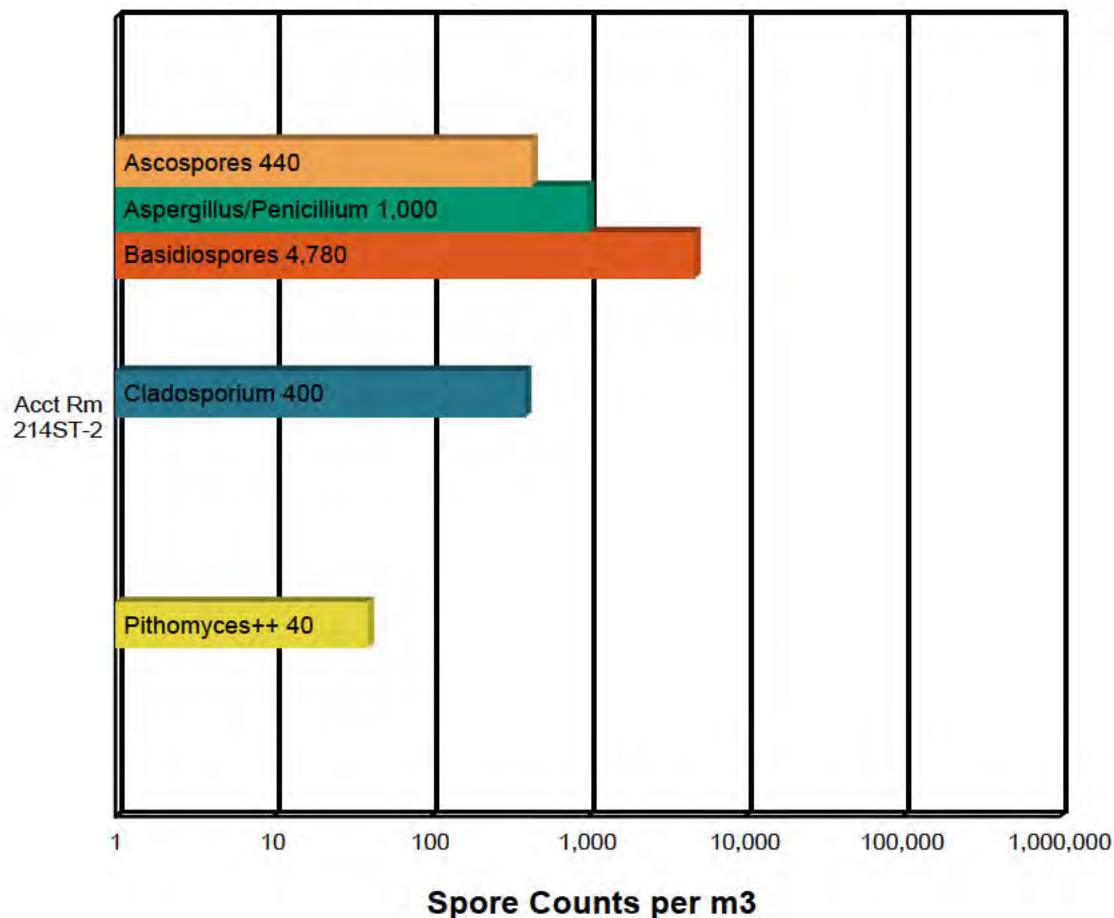
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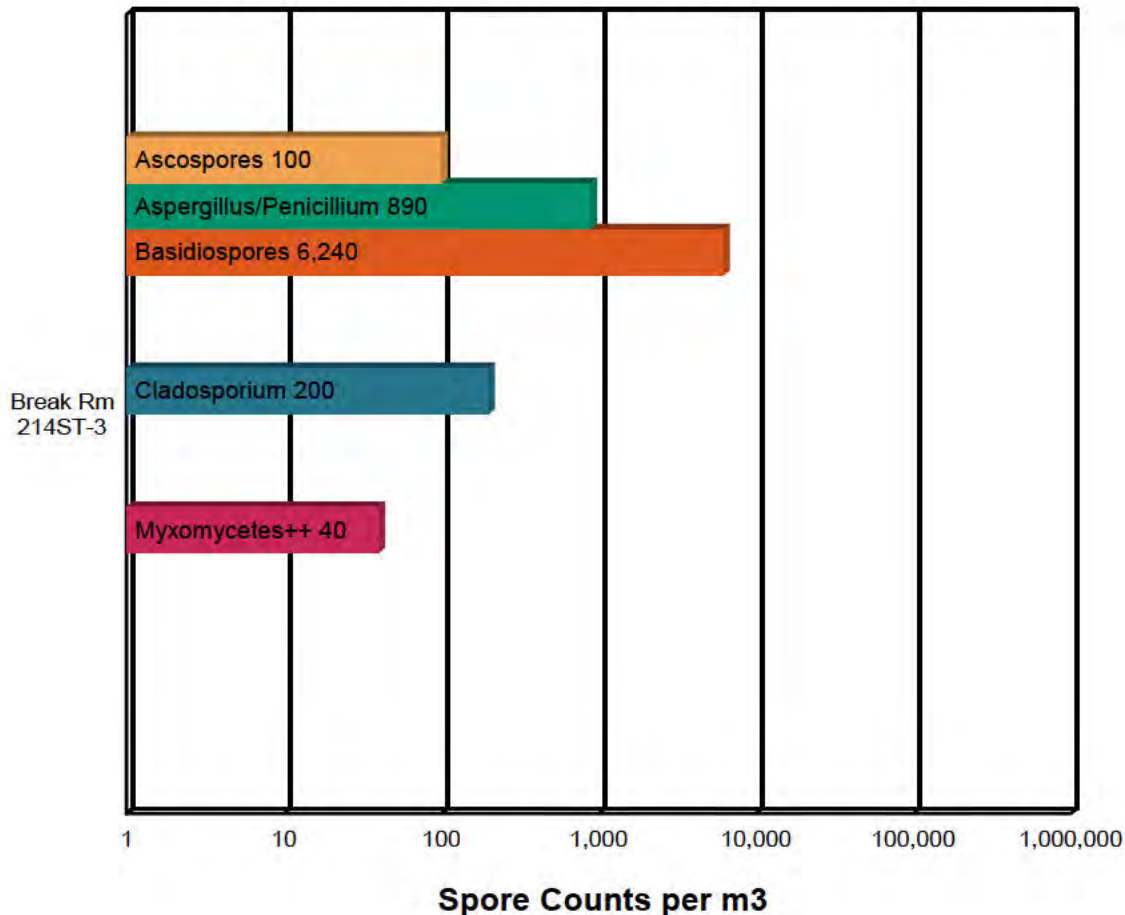
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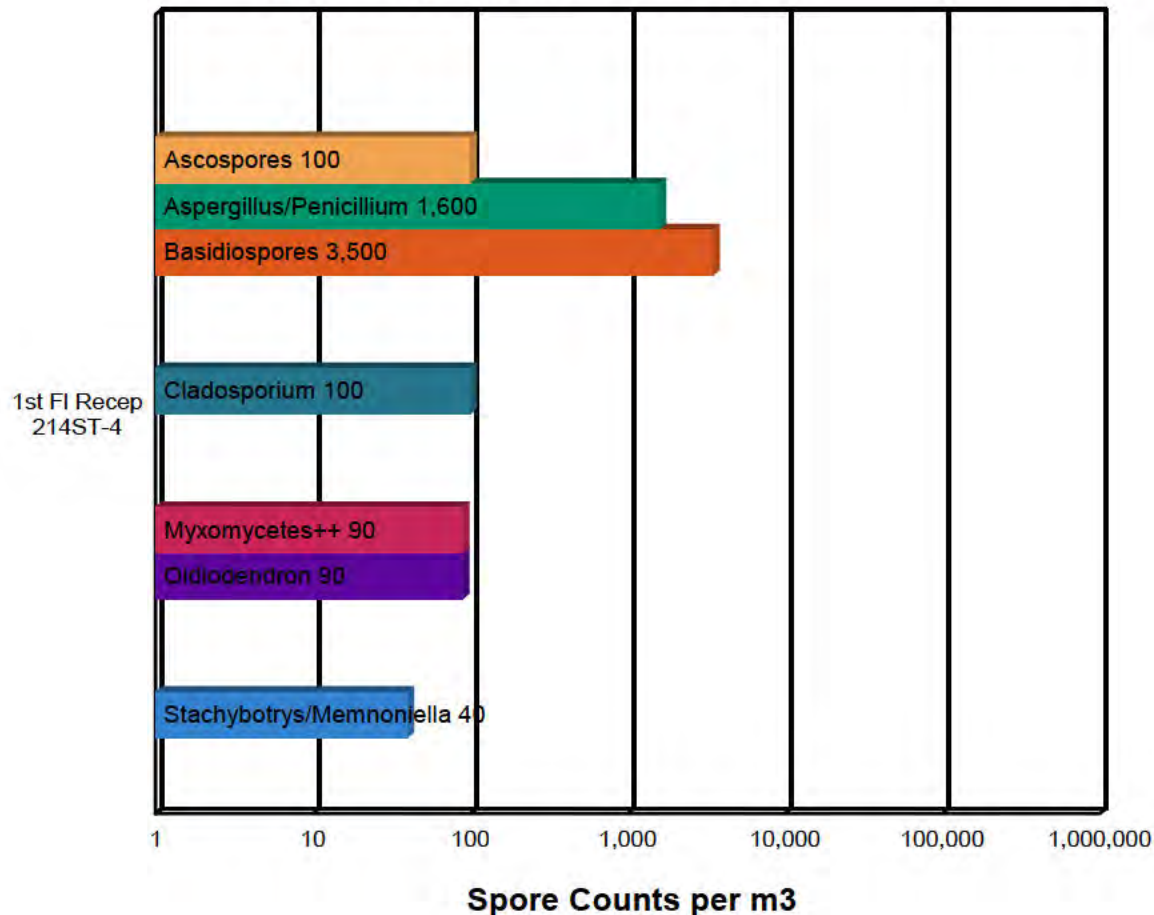
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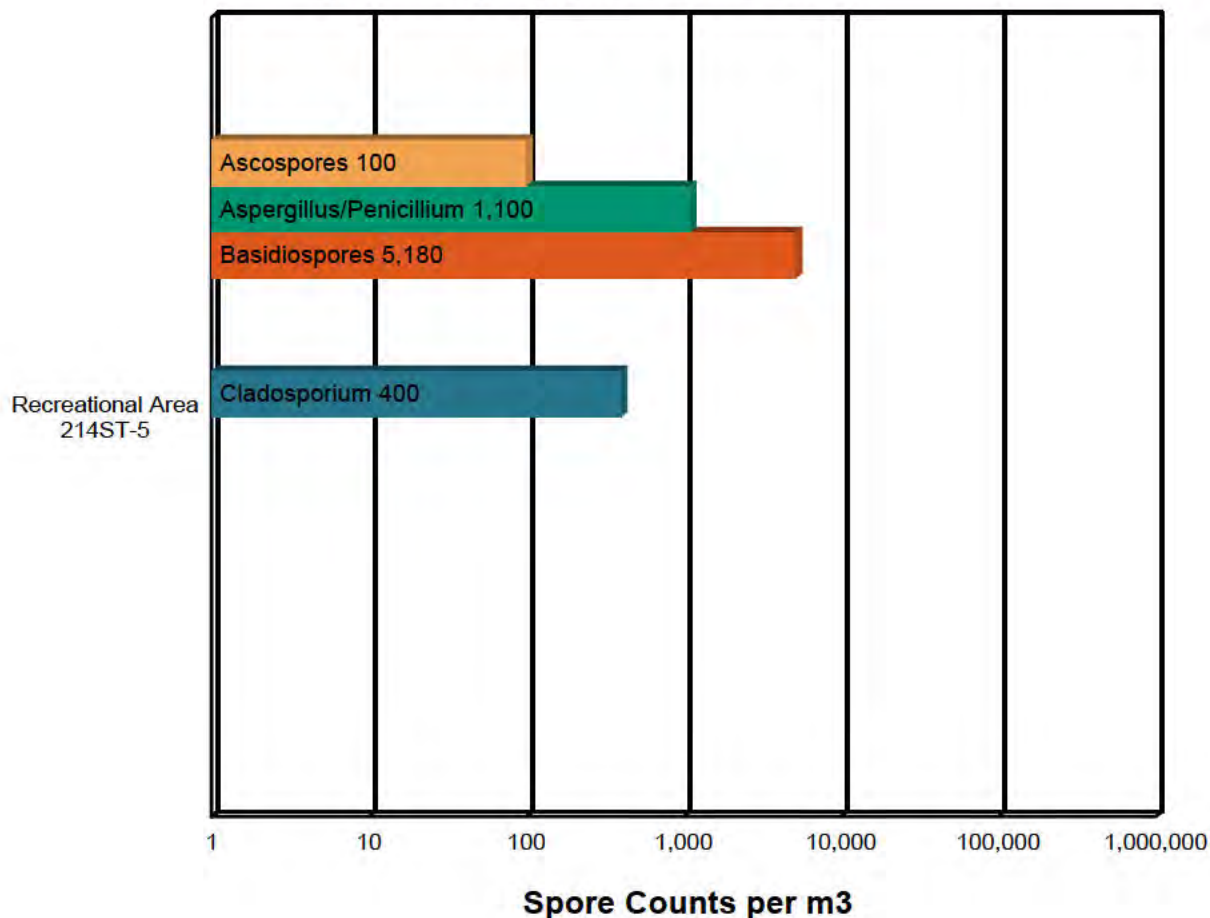
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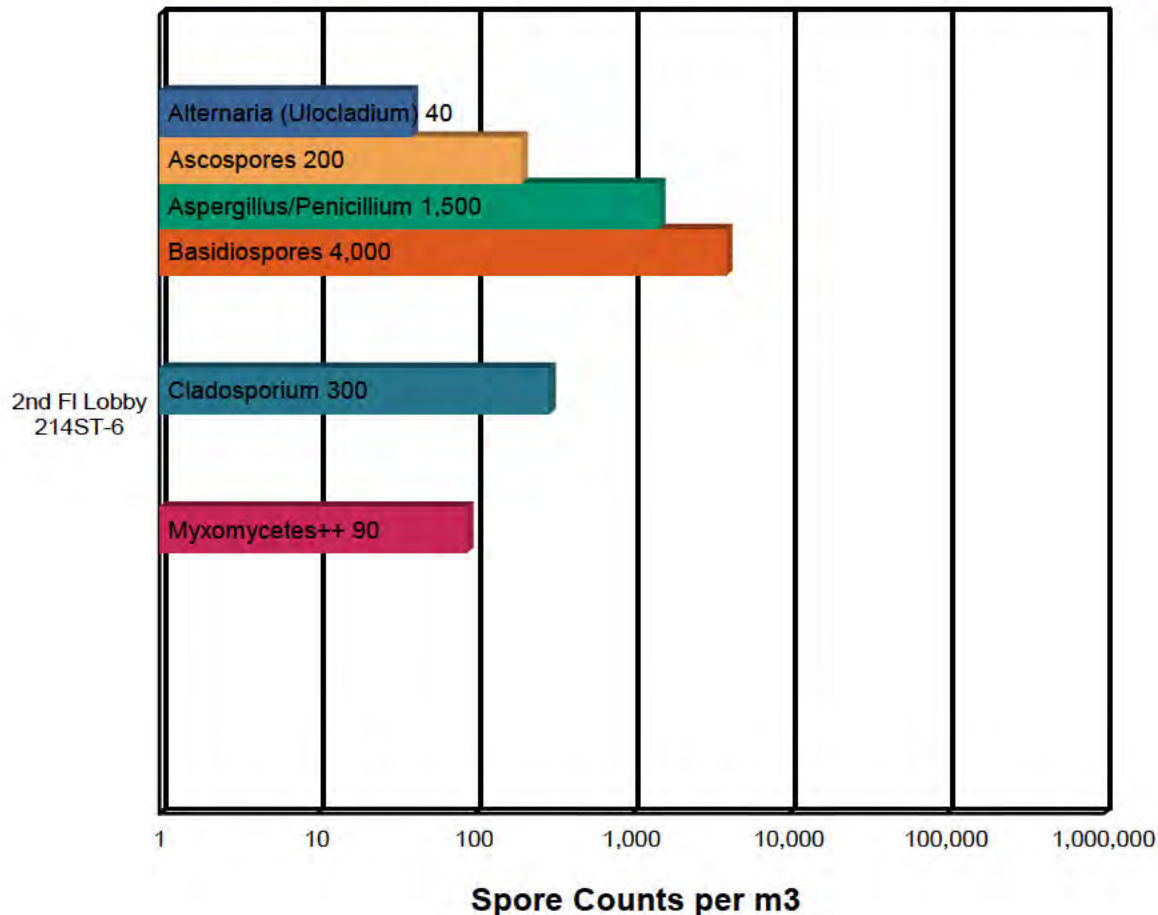
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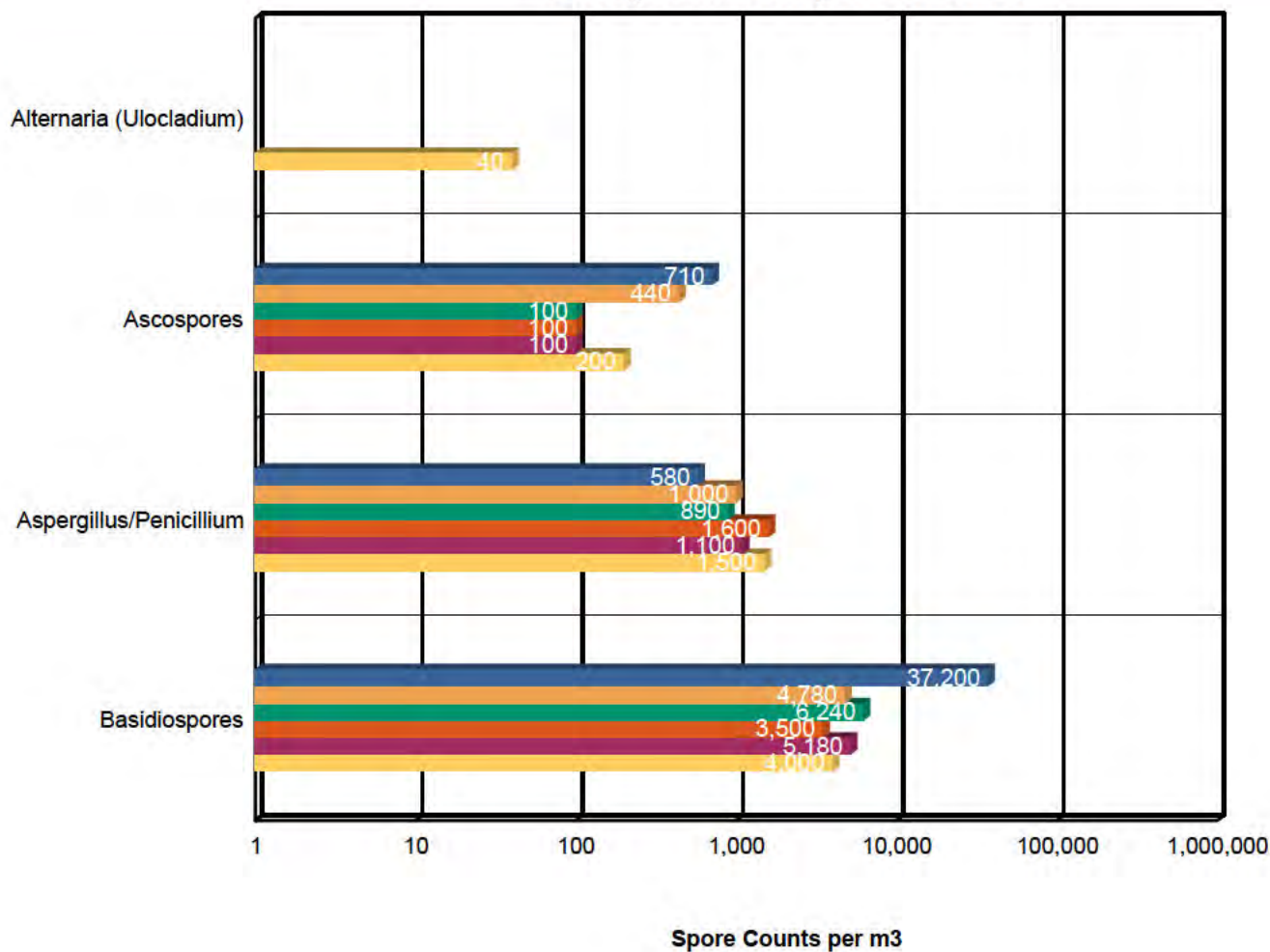
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Background Comparison Chart



■ 214ST-1 Outside Bldg ■ 214ST-2 Acct Rm ■ 214ST-3 Break Rm ■ 214ST-4 1st FI Recep
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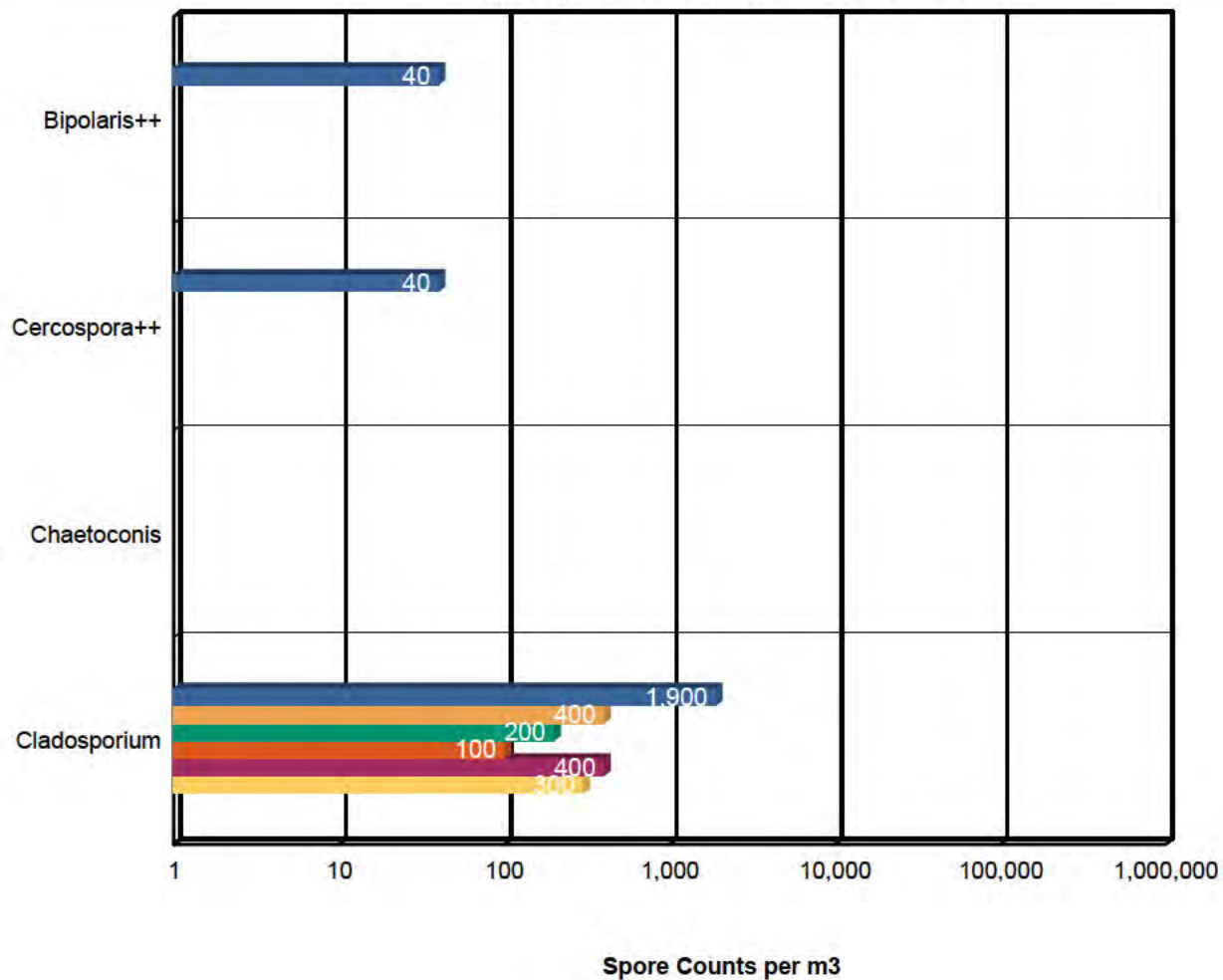
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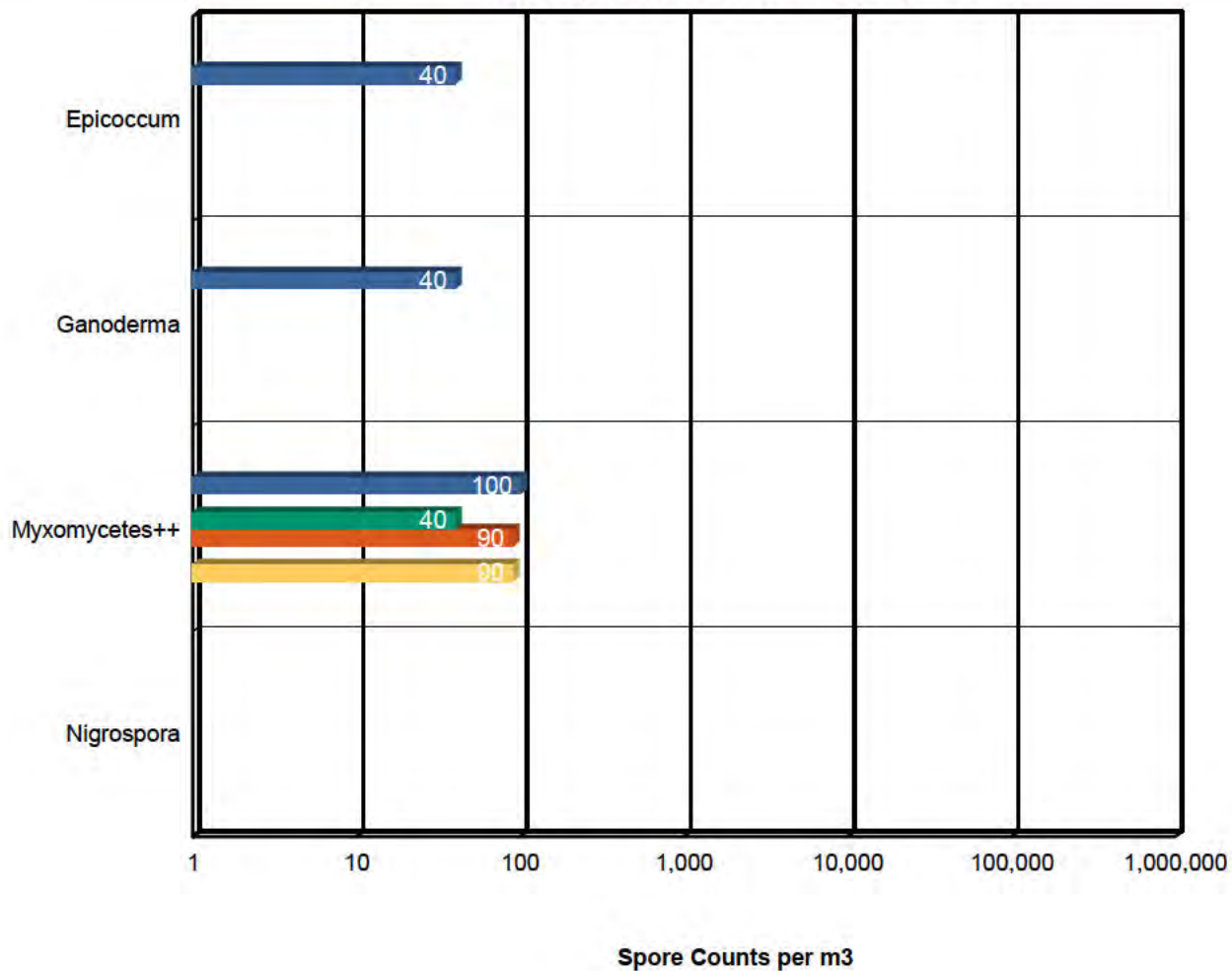
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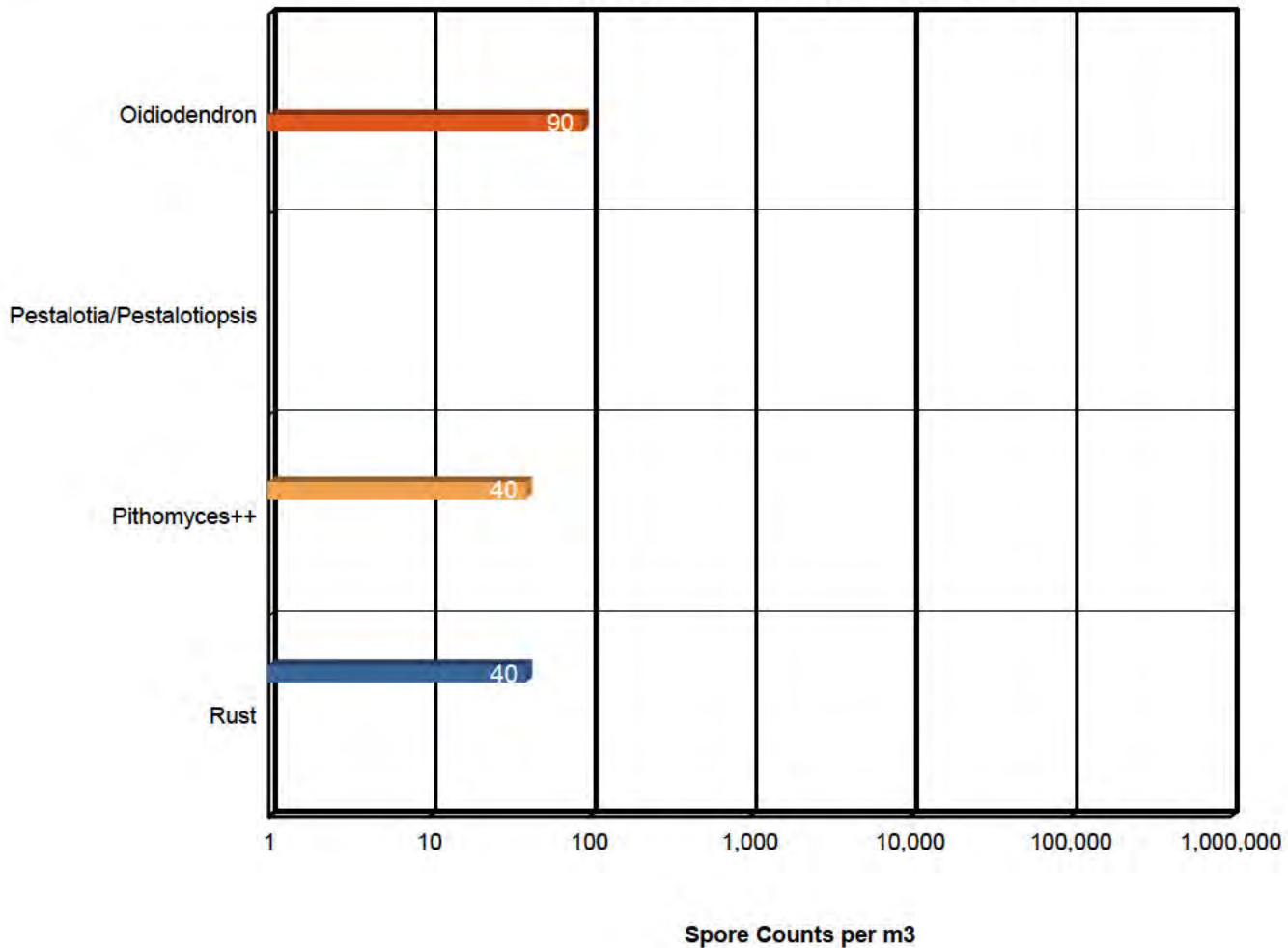
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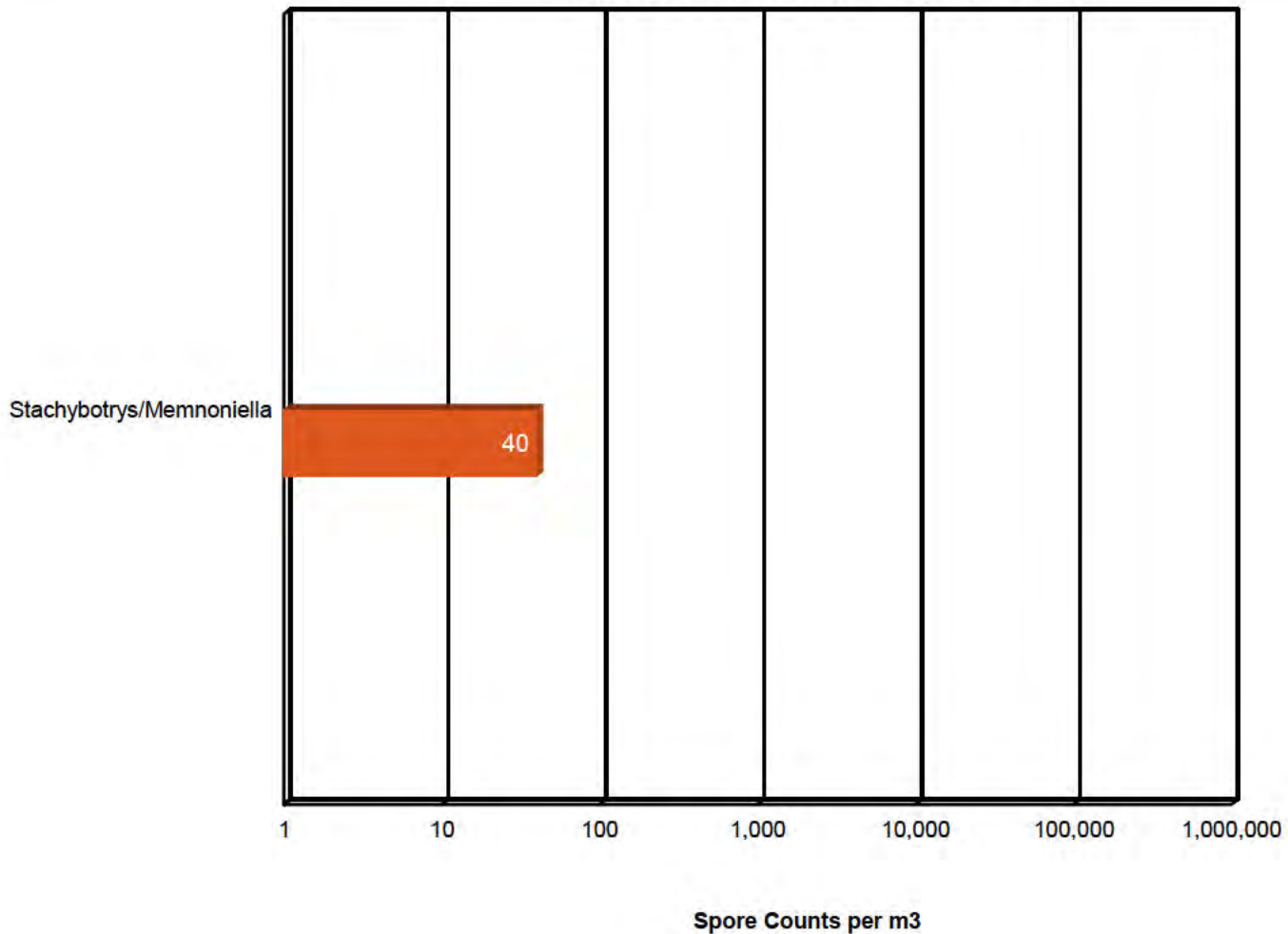
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Received: 11/08/2018
Analyzed: 11/10/2018

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3. Understanding the Results

EMSL Analytical, Inc. is an independent laboratory, providing unbiased and scientifically valid results. These data represent only a portion of an overall IAQ investigation. Visual information and environmental conditions measured during the site assessment (humidity, moisture readings, etc.) are crucial to any final interpretation of the results. Many factors impact the final results; therefore, result interpretation should only be conducted by qualified individuals. The American Conference of Governmental Industrial Hygienists (ACGIH) has published a good reference book covering sampling and data interpretation. It is entitled, Bioaerosols: Assessment and Control, 1999.

Fungal spores are found everywhere. Whether or not symptoms develop in people exposed to fungi depends on the nature of the fungal material (e.g., allergenic, toxic, or infectious), the exposure level, and the susceptibility of exposed persons. Susceptibility varies with the genetic predisposition (e.g., allergic reactions do not always occur in all individuals), age, pre-existing medical conditions (e.g., diabetes, cancer, or chronic lung conditions), use of immunosuppressive drugs, and concurrent exposures. These reasons make it difficult to identify dose/response relationships that are required to establish "safe" or "unsafe" levels (i.e., permissible exposure limits).

It is generally accepted in the industry that indoor fungal growth is undesirable and inappropriate, necessitating removal or other appropriate remedial actions. The New York City guidelines and EPA guidelines for mold remediation in schools and commercial buildings define the conditions warranting mold remediation. Always remember that water is the key. Preventing water damage or water condensation will prevent mold growth.

This report is not intended to provide medical advice or advice concerning the relative safety of an occupied space. Always consult an occupational or environmental health physician who has experience addressing indoor air contaminants if you have any questions.



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4. Glossary of Fungi

ALTERNARIA(ULOCLADIUM)

Natural Habitat	Common saprobe and pathogen of plants. Typically found on plant tissue, decaying wood, and foods. Soil. Air outdoors.
Suitable Substrates in the Indoor Environment	Indoors near condensation (window frames, showers), House dust (in carpets, and air). Also colonizes building supplies, computer disks, cosmetics, leather, optical instruments, paper, sewage, stone monuments, textiles, wood pulp, and jet fuel
Water Activity	Aw =0.85-0.88 (water damage indicator)
Mode of Dissemination	Wind
Allergic Potential	Type I allergies (hay fever, asthma), Type III (hypersensitivity pneumonitis)
Potential or Opportunistic Pathogens	Phaeohyphomycosis {causing cystic granulomas in the skin and subcutaneous tissue}. In immunocompetent patients, Alternaria colonizes the paranasal sinuses, leading to chronic hypertrophic sinusitis
Industrial Uses	Biocontrol of weed plants ·Biocontrol fungal plant pathogens.
Potential Toxins Produced	Alternariol (AOH) . Alternariol monomethylether (AME). Tenuazonic acid (TeA). Altenuene (ALT). Altertoxins (ATX)
Other Comments	Many species of Ulocladium have been renamed as Alternaria . Alternaria spores are one of the most common and potent indoor and outdoor airborne allergens. Additionally, Alternaria sensitization has been determined to be one of the most important factors in the onset of childhood asthma. Synergy with Cladosporium or Ulocladium may increase the severity of symptoms
References	Alternaria redefined. J. Woudenberg et al., Studies in Mycology. Volume 75, June 2013, Pages 171-212

ASCOSPORES

Natural Habitat	Everywhere in nature.
Suitable Substrates in the Indoor Environment	Depends on genus and species.
Water Activity	Depends on genus and species.
Mode of Dissemination	Forcible ejection or passive release and dissemination by wind or insects.
Allergic Potential	Depends on genus and species.
Potential or Opportunistic Pathogens	Depends on genus and species.
Industrial Uses	Depends on genus and species.
Potential Toxins Produced	Depends on genus and species.
Other Comments	Ascospores are the result of sexual reproduction and produced in a saclike structure called an ascus. All ascospores belong to members of the Phylum Ascomycota, which encompasses a plethora of genera worldwide.



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ASPERGILLUS/PENICILLIUM

Natural Habitat	Plant debris · Seed · Cereal crops
Suitable Substrates in the Indoor Environment	Grows on a wide range of substrates indoors · Prevalent in water damaged buildings · Foods (blue mold on cereals, fruits, vegetables, dried foods) · House dust · Fabrics · Leather · Wallpaper · Wallpaper glue
Water Activity	Aw=0.75-0.94
Mode of Dissemination	Wind · Insects
Allergic Potential	Type I (hay fever, asthma) · Type III (hypersensitivity)
Potential or Opportunistic Pathogens	Possible depending on the species.
Industrial Uses	Many depending on the species
Potential Toxins Produced	Possible depending on the species.
Other Comments	Spores of Aspergillus and Penicillium (including others such as Acremonium, Talaromyces, and Paecilomyces) are small and spherical with few distinguishing characteristics. They cannot be differentiated or speciated by non-viable impaction sampling methods. Some species with very small spores may be undercounted in samples with high background debris.

BASIDIOSPORES

Natural Habitat	Forest floors. Lawns. Plants (saprobies or pathogens depending on genus)
Suitable Substrates in the Indoor Environment	Depends on genus. Wood products
Water Activity	Unknown.
Mode of Dissemination	Forcible ejection. Wind currents.
Allergic Potential	Type I allergies (hay fever, asthma) · Type III (hypersensitivity pneumonitis)
Potential or Opportunistic Pathogens	Depends on genus.
Industrial Uses	Edible mushrooms are used in the food industry.
Potential Toxins Produced	Amanitins. monomethyl-hydrazine. muscarine. ibotenic acid. psilocybin.
Other Comments	Basidiospores are the result of sexual reproduction and formed on a structure called the basidium. Basidiospores belong to the members of the Phylum Basidiomycota, which includes mushrooms, shelf fungi, rusts, and smuts.

BIPOLARIS

Natural Habitat	Plant saprophyte. Plant pathogen of many plants, causing leaf rot, crown rot, and root rot on warm season turf grasses
Suitable Substrates in the Indoor Environment	House plants, Indoor building materials
Free moisture required for mold growth	Unknown
Mode of Dissemination	Wind
Allergic Potential	Hay fever, asthma. Allergic and chronic invasive sinusitis
Potential or Opportunistic Pathogens	Invasive sinusitis, disseminated mycoses, peritonitis, keratitis, phaeohyphomycosis
Potential Toxins	Can potentially produce sterigmatocystin.
Other Comments	Includes Bipolaris, Drechslera, and Exserohilum.

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CERCOSPORA

Natural Habitat	Parasite on higher plants, commonly causes leaf spot diseases.
Suitable Substrates in the Indoor Environment	Unknown
Water Activity	Moderate –High humidity
Mode of Dissemination	Irrigation water, Insects, Rain Wind
Allergic Potential	Unknown
Potential or Opportunistic Pathogens	Unknown
Other Comments	Includes morphologically similar spores of Cercospora, Pseudocercospora, and Septoria.

CLADOSPORIUM

Natural Habitat	Dead plant matter. Straw. Soil. Woody plants
Suitable Substrates in the Indoor Environment	Fiberglass duct liner. Paint. Textiles. Found in high concentration in water-damaged building materials.
Water Activity	Aw 0.84-0.88
Mode of Dissemination	Air
Allergic Potential	Type I (asthma and hay fever).
Potential or Opportunistic Pathogens	Edema. keratitis. onychomycosis. pulmonary infections. Sinusitis.
Industrial Uses	Produces 10 antigens.
Potential Toxins Produced	Cladosporin and Emodin.

EPICOCCUM

Natural Habitat	A worldwide saprophytic fungi, being isolated from dead plant material and soil.
Suitable Substrates in the Indoor Environment	Paper, textiles
Water Activity	0.86-0.90
Mode of Dissemination	Wind
Allergic Potential	Hay fever, asthma
Potential or Opportunistic Pathogens	Unknown

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GANODERMA

Natural Habitat	Grows on conifers and hardwoods worldwide, causing white rot, root rot, and stem rot.
Suitable Substrates in the Indoor Environment	Unknown.
Water Activity	Unknown.
Mode of Dissemination	Wind.
Allergic Potential	Ganoderma species are known to cause allergies in people on a worldwide scale.
Potential or Opportunistic Pathogens	Unknown.
Industrial Uses	Biopulping of wood for the paper industry. Potential medicinal use due to: 1. Inhibition of Ras dependent cell transformation, 2. Antifibrotic activity, 3. Immunomodulating activity, 4. Free-radicle scavenging
Potential Toxins Produced	Unknown.
Other Comments	Used in traditional Chinese medicine as an herbal supplement. It is also known as a "shelf fungus" because the fruiting body forms a stalk-less shelf on the sides of trees and logs. It is sometimes called "artists conk" because when you scratch the white pores of the fruiting body, the white rubs away and exposes the brown hyphae underneath. Thus, pictures can be produced on the fruiting body.
Reference	References: Craig, R.L., Levetin, E. 2000. Multi-year study of Ganoderma aerobiology. Aerobiologia 16: 75-81. http://www.pfc.forestry.ca/diseases/CTD/Group/Heart/heart6_e.html

MYXOMYCETES++

Natural Habitat	Decaying logs, Dead leaves , Dung , Lawns , Mulched flower beds, Lawns
Suitable Substrates in the Indoor Environment	Rotting lumber
Free moisture required for mold growth	Unknown
Mode of Dissemination	Insects, Water, Wind
Allergic Potential	Type I
Potential or Opportunistic Pathogens	Unknown
Industrial Uses	
Other Comments	Includes Myxomycetes, Smut, and Periconia.

NIGROSPORA

Natural Habitat	Common on live or dead grass, seeds & soil.
Suitable Substrates in the Indoor Environment	Unknown
Water Activity	Unknown
Mode of Dissemination	Forcibly projected.
Allergic Potential	Type 1 allergies (hay fever, asthma)
Potential or Opportunistic Pathogens	Keratitis & skin lesions

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OIDIODENDRON

Natural Habitat	Leaf litter, Soils, Wood, Peat
Suitable Substrates in the Indoor Environment	Paper, Textiles
Allergic Potential	Unknown
Potential Opportunist or Pathogen	Unknown
Potential Toxins Produced	Unknown

PESTALOTIA/PESTALOTIOPSIS

Natural Habitat	Saprophyte on dead leaves of different plants. Some are plant pathogens that attack foliage or fruit of different plant species.
Suitable Substrates in the Indoor Environment	Unknown; some require a living plant host for growth.
Allergic Potential	Unknown
Potential Opportunist or Pathogen	Unknown
Potential Toxins Produced	Unknown
Free moisture required for mold growth	Unknown
Mode of Dissemination	Unknown; air dispersal likely.
Industrial Uses	None known

PITHOMYCES

Natural Habitat	A worldwide saprophytic fungi, being isolated from dead plant material and soil.
Suitable Substrates in the Indoor Environment	Paper
Water Activity	Requires high moisture for spore germination
Mode of Dissemination	Wind
Allergic Potential	Unknown
Potential or Opportunistic Pathogens	Mycosis in immunocompromised patients
Other Comments	Pithomyces++ includes spores of Pithomyces and Pseudopithomyces.

RUSTS

Natural Habitat	Parasitic on cultivated and many types of plants
Suitable Substrates in the Indoor Environment	Unknown- rust fungi require a living plant host for growth
Free moisture required for mold growth	Unknown
Mode of Dissemination	Wind, forcible Ejection
Allergic Potential	Type I. (hay fever, asthma)
Potential or Opportunistic Pathogens	Unknown

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STACHYBOTRYS/MEMNONIELLA

Natural Habitat	Decaying plant materials and Soil.
Suitable Substrates in the Indoor Environment	Water damaged building materials such as: ceiling tiles, gypsum board, insulation backing, sheet rock, and wall paper. Paper. Textiles.
Water Activity	Aw=0.94
Mode of Dissemination	Insects, Water, and Wind
Allergic Potential	Type I (hay fever, asthma)
Potential or Opportunistic Pathogens	Unknown.
Industrial Uses	Unknown.
Potential Toxins Produced	Mycotoxins produced by Stachybotrys include Roridin A, Roridin E, Roridin H, Roridin L-2, Satratoxin G, Satratoxin H, Isosatratoxin F, Verucarín A, Verucarín J, and Verrucarínol.
Other Comments	Stachybotrys and Memnoniella are closely related and many Memnoniella species have been renamed under Stachybotrys. Mycologists are continuing to debate whether Stachybotrys and Memnoniella should be grouped or split apart (see references below). Stachybotrys may play a role in the development of sick building syndrome. The presence of this fungus can be significant due to its ability to produce mycotoxins. Exposure to the toxins can occur through inhalation, ingestion, or skin exposure.
References	Generic hyper-diversity in Stachybotriaceae. L. Lombard et al., Persoonia 36, 2016: 156–246. Overview of Stachybotrys (Memnoniella) and current species status. Y. Wang et al., Fungal Diversity, 2015: DOI: 10.1007/s13225-014-0319-0.

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5. References and Informational Links

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Books

- Bioaerosols: Assessment and Control. Janet Macher, Ed., American Conference of Governmental Industrial Hygienists, Cincinnati, OH 1999.
- Exposure Guidelines for Residential Indoor Air Quality. Environmental Health Directorate, Health Protection Branch, Health Canada, Ottawa, Ontario, 1989.
- Fungal Contamination in Public Buildings: Health Effects and Investigation Methods. Health Canada, Ottawa, Ontario, 2004.
- IICRC: S500 Standard and Reference Guide for Professional Water Damage Restoration. 3rd Edition, Institute of Inspection, Cleaning, and Restoration Certification, Vancouver, WA, 2006

IICRC: S520 Standard and Reference Guide for Professional Mold Remediation. 1st Edition, Institute of Inspection, Cleaning, and Restoration Certification, Vancouver, WA, 2004

- Field Guide for the Determination of Biological Contaminants in Environmental Samples. 2nd Edition, American Industrial Hygiene Association, 2005.

Consumer Links

Read the full text of AIHA's "The Facts About Mold" consumer brochure.

<http://www.aiha.org/get-involved/VolunteerGroups/Documents/BiosafetyVG-FactsAbout%20MoldDecember2011.pdf>

The Occupational Safety and Health Administration (OSHA)

<http://www.osha.gov/SLTC/molds/index.html>

CDC Mold Facts

<http://www.cdc.gov/mold/faqs.htm>

CDC Stachybotrys - Questions and answers on Stachybotrys chartarum and other molds

<http://www.cdc.gov/mold/stachy.htm>

IOM, NAS: Clearing the Air: Asthma and Indoor Air Exposures

<http://www.iom.edu/Reports/2000/Clearing-the-Air-Asthma-and-Indoor-Air-Exposures.aspx>

National Library of Medicine-Mold website

<http://www.nlm.nih.gov/medlineplus/molds.html>

California Department of Health Services (CADOHS)

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<http://www.cal-iaq.org/separator/mold-and-dampness/about-mold>

Minnesota Department of Health

<http://www.health.state.mn.us/divs/eh/indoorair/mold/index.html>

New York City Department of Health and Mental Hygiene

<http://conyers.house.gov/index.cfm/issues?p=toxic-mold>

H.R.: The United States Toxic Mold Safety and Protection Act

<http://conyers.house.gov/index.cfm/issues?p=toxic-mold>

EPA

"Should You Have the Air Ducts in Your Home Cleaned?"

<http://www.epa.gov/iaq/pubs/airduct.html>

General information about molds and actions that can be taken to clean up or prevent a mold problem.

<http://www.epa.gov/asthma/molds.html>

"A Brief Guide to Mold, Moisture, and Your Home" - Includes basic information on mold, cleanup guidelines, and moisture and mold prevention

<http://www.epa.gov/mold/moldguide.html>

"Mold Remediation in Schools and Commercial Buildings" - Information on remediation in schools and commercial property, references for potential mold and moisture remediators.

http://www.epa.gov/mold/mold_remediation.html

FEMA

"Homes That Were Flooded May Harbor Mold Problems" - Information and tips for cleaning mold.

<http://www.fema.gov/news-release/homes-were-flooded-may-harbor-mold-problems>

"Dealing With Mold & Mildew in Your Flood Damaged Home.

http://www.fema.gov/pdf/rebuild/recover/fema_mold_brochure_english.pdf

"Prompt Flood Cleanup Can Help Prevent Health Problems" - How to clean up in-house mold problems (not large or serious exposures).

<http://www.fema.gov/news-release/prompt-flood-cleanup-can-help-prevent-health-problems>



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6. Important Terms, Conditions, and Limitations

A. Sample Retention

Samples analyzed by EMSL will be retained for 60 days after analysis date. Storage beyond this period is available for a fee with written request prior to the initial 30 day period.

Samples containing hazardous/toxic substances which require special handling will be returned to the client immediately. EMSL reserves the right to charge a sample disposal fee or return samples to the client.

B. Change Orders and Cancellation

All changes in the scope of work or turnaround time requested by the client after sample acceptance must be made in writing and confirmed in writing by EMSL. If requested changes result in a change in cost the client must accept payment responsibility. In the event work is cancelled by a client, EMSL will complete work in progress and invoice for work completed to the point of cancellation notice. EMSL is not responsible for holding times that are exceeded due to such changes.

C. Warranty

EMSL warrants to its clients that all services provided hereunder shall be performed in accordance with established and recognized analytical testing procedures and with reasonable care in accordance with applicable federal, state and local laws. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied. EMSL disclaims any other warranties, express or implied, including a warranty of fitness for particular purpose and warranty of merchantability.

D. Limits of Liability

In no event shall EMSL be liable for indirect, special, consequential, or incidental damages, including, but not limited to, damages for loss of profit or goodwill regardless of the negligence (either sole or concurrent) of EMSL and whether EMSL has been informed of the possibility of such damages, arising out of or in connection with EMSL's services thereunder or the delivery, use, reliance upon or interpretation of test results by client or any third party. We accept no legal responsibility for the purposes for which the client uses the test results. EMSL will not be held responsible for the improper selection of sampling devices even if we supply the device to the user. The user of the sampling device has the sole responsibility to select the proper sampler and sampling conditions to insure that a valid sample is taken for analysis. Any resampling performed will be at the sole discretion of EMSL, the cost of which shall be limited to the reasonable value of the original sample delivery group (SDG) samples. In no event shall EMSL be liable to a client or any third party, whether based upon theories



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of tort, contract or any other legal or equitable theory, in excess of the amount paid to EMSL by client thereunder.

E. Indemnification

Client shall indemnify EMSL and its officers, directors and employees and hold each of them harmless for any liability, expense or cost, including reasonable attorney's fees, incurred by reason of any third party claim in connection with EMSL services, the test result data or its use by client

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Project Name/Number:		Please Provide Results: ☐ Fax ☐ Email	
U.S. State Samples Taken: Maryland		Project Zip Code:	
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Public Water Supply Samples: ☐ Note: All results may automatically be reported to DOH if required by state.			
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☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☒ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week			
Microbiology Test Codes			
M001 Air-O-Cell M030 Micro 5 M041 Fungal Direct Examination M168 Pollen ID & Enumeration M280 Dust Characterization Level-1 M281 Dust Characterization Level-2 M005 Viable Fungi- Air Samples (Genus ID & Count) M006 Viable Fungi- Air Samples (Includes Penicillium, Aspergillus, Cladosporium, Stachybotrys Species ID & Count) M007 Culturable fungi - Surface Samples (Genus ID & Count) M008 Culturable fungi - Surface Samples (includes Penicillium, Aspergillus, Cladosporium, Stachybotrys Species ID & Count) M009 Bacteria Culture Gram Stain & Count M010 Bacteria Count & ID - 3 Most Prominent M011 Bacteria Count & ID - 5 Most Prominent		M174 MoldSnap M032 Allergenco-D M012 Pseudomonas aeruginosa (P/A***) M024 Pseudomonas aeruginosa (MFT*) M015 Heterotrophic Plate Count M017 Total Coliform & E. coli (Colilert P/A***) M018 Total Coliform & E. coli (MFT*) M114 Total Coliform & E. coli Enumeration (Colilert MPN**) M019 Fecal Coliform (MFT*) M020 Fecal Streptococcus (MFT*) M029 Enterococci (MFT*) M129 Enterococci (Enterolert P/A***) M180 Real Time qPCR-ERMI 36 Panel M025 Sewage Screen -Water (MFT*)	
		M115 Sewage Screen - Water (P/A***) M116 Sewage Screen - Water (MPN**) M117 Sewage Screen - Swab (P/A***) M013 Sewage Screen - Swab (MFT*) M133 Methicillin-resistant Staph. aureus (MRSA) M031 Rapid-growing non-TB Mycobacteria Detection & Enumeration M014 Endotoxin Analysis M044 Group Allergen (Cat, Dog, Cockroach, Dust Mite) Other See Analytical Price Guide Legionella Analysis Please use EMSL Legionella COC	
		*MFT= Membrane Filtration Technique **MPN= Most Probable Number ***P/A= Presence/Absence	
Name of Sampler:		Signature of Sampler:	
Sample #	Sample Location/Description	Sample Type	Potable/NonPotable (Only for Waters) Test Code Volume/Area Date/Time Collected Temperature (Lab Use Only)
Example A1	Kitchen Sink/Tap	Water	☒ P ☐ NP M017 100 mL 9/1/13 4:00 PM
242ST-1	OUTSIDE BLDG	AIR	☐ P ☐ NP M001 75 L 11-5-18 1235
242ST-2	ATTIC	↓	☐ P ☐ NP ↓ ↓ 1314
242ST-3	S-3 RM 206	↓	☐ P ☐ NP ↓ ↓ 1324
242ST-4	LOCKER RM	↓	☐ P ☐ NP ↓ ↓ 1331
242ST-5	RM 105	↓	☐ P ☐ NP ↓ ↓ 1343
Client Sample # (s):		Total # of Samples:	Samples Received Chilled? Yes/No (Lab Use Only)
Relinquished (Client): <i>Stephen Epps</i>		Date: <i>11-7-18</i>	Time: <i>1900</i>
Received (Lab): <i>Chomera</i>		Date: <i>11/8/18</i>	Time: <i>1030</i>
Comments/Special Instructions: Please provide an expanded report. AND SYMBOLS			

Page 1 of 2

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this chain of custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

Controlled Document - COC-34 Micro R8 11/14/2017

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-0262

[illegible]

Page 2 of 2

Page 2 Of 9

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Microbiology Chain of Custody

EMSL Order Number (Lab Use Only)

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-0262

Company Name: USACE-BALTIMORE			EMSL-Bill to: ☒ Same ☐ Different if: Bill to is Different note instructions in Comments				
Street: 2 HOPKINS PLAZA, SUITE 09-E-6			Third Party Billing requires written authorization from third party.				
City: BALTIMORE	State/Province: MD		Zip/Postal Code:		Country:		
Report To (Name): STEPHEN B. EPPS			Telephone #:				
Email Address:			Fax #:		Purchase Order:		
Project Name/Number:			Please Provide Results: ☐ Fax ☐ Email				
U.S. State Samples Taken: Maryland			Project Zip Code:		Connecticut Samples: ☐ Commercial ☐ Residential		
Sterile, Sodium Thiosulfate Preserved Bottle Used: ☐ Biocide Used in Source (specify): ☐							
Public Water Supply Samples: ☐ Note: All results may automatically be reported to DOH if required by state.							
Turnaround Time (TAT) Options - Please Check							
☐ 3 Hour		☐ 6 Hour		☐ 24 Hour		☒ 48 Hour	
☐ 72 Hour		☐ 96 Hour		☐ 1 Week		☐ 2 Week	
Microbiology Test Codes							
M001 Air-Q-Cell M030 Micro 5 M041 Fungal Direct Examination M169 Pollen ID & Enumeration M280 Dust Characterization Level-1 M281 Dust Characterization Level-2 M005 Viable Fungi- Air Samples (Genus ID & Count) M006 Viable Fungi- Air Samples (Includes Penicillium, Aspergillus, Cladosporium, Stachybotrys Species ID & Count) M007 Culturable fungi - Surface Samples (Genus ID & Count) M008 Culturable fungi - Surface Samples (Includes Penicillium, Aspergillus, Cladosporium, Stachybotrys Species ID & Count) M009 Bacteria Culture Gram Stain & Count M010 Bacteria Count & ID - 3 Most Prominent M011 Bacteria Count & ID - 5 Most Prominent		M174 MoldSnap M032 Allergenco-D		M012 Pseudomonas aeruginosa (P/A**) M024 Pseudomonas aeruginosa (MFT*) M015 Heterotrophic Plate Count M017 Total Coliform & E. coli (Colilert P/A**) M018 Total Coliform & E. coli (MFT*) M114 Total Coliform & E. coli Enumeration (Colilert MPN**) M019 Fecal Coliform (MFT*) M020 Fecal Streptococcus (MFT*) M029 Enterococci (MFT*) M129 Enterococci (Enterolert P/A**) M180 Real Time qPCR-ERMI 36 Panel M025 Sewage Screen -Water (MFT*)		M115 Sewage Screen - Water (P/A**) M116 Sewage Screen - Water (MPN**) M117 Sewage Screen - Swab (P/A**) M013 Sewage Screen - Swab (MFT*) M133 Methicillin-resistant Staph. aureus (MRSA) M031 Rapid-growing non-TB Mycobacteria Detection & Enumeration M014 Endotoxin Analysis M044 Group Allergen (Cat, Dog, Cockroach, Dust Mite) Other See Analytical Price Guide Legionella Analysis Please use EMSL Legionella COC	
				*MFT= Membrane Filtration Technique **MPN= Most Probable Number ***P/A= Presence/Absence			
Name of Sampler:				Signature of Sampler:			
Sample #	Sample Location/Description	Sample Type	Potable/NonPotable (Only for Waters)	Test Code	Volume/Area	Date/Time Collected	Temperature (°C) (Lab Use Only)
Example A1	Kitchen Sink/Trap	Water	☒ P ☐ NP	M017	100 mL	9/11/13 4:00 PM	
214ST-1	OUTSIDE BLDG	AIR	☐ P ☐ NP	M001	75 L	11-7-18 1015	
214ST-2	ACCT RM		☐ P ☐ NP			1026	
214ST-3	BREAK RM		☐ P ☐ NP			1103	
214ST-4	ST PL RECP		☐ P ☐ NP			1114	
214ST-5	RECEPTION AREA		☐ P ☐ NP			1121	
Client Sample # (s): 1-6		Total # of Samples:		Samples Received/Chilled? Yes/No			
Relinquished (Client): Stephen Epps		Date: 11-7-18		Time: 1900			
Received (Lab): Thomas Reddy		Date: 11/8/18		Time: 1030			
Comments/Special Instructions: Please provide an expanded report. WITH SYMBOLS							

Page 1 of 2

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this chain of custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

Controlled Document - CDC-34 Micro R8 11/14/2017



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Microbiology Chain of Custody
EMSL Order Number *(Lab Use Only)*:

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-0262

Additional pages of the chain of custody are only necessary if needed for additional sample information.

[illegible]

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAININGMicrobiology Chain of Custody
EMSL Order Number (Lab Use Only):EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-0262

Company Name: USACE-BALTIMORE			EMSL-Bill to: ☒ Same ☐ Different if Bill to is Different note instructions in Comments				
Street: 2 HOPKINS PLAZA, SUITE 09-E-6			Third Party Billing requires written authorization from third party.				
City: BALTIMORE	State/Province: MD	Zip/Postal Code:	Country:				
Report To (Name): STEPHEN B. EPPS			Telephone #:				
Email Address: [REDACTED]			Fax #:		Purchase Order:		
Project Name/Number:			Please Provide Results: ☐ Fax ☐ Email				
U.S. State Samples Taken: Maryland			Project Zip Code:		Connecticut Samples: ☐ Commercial ☐ Residential		
Sterile, Sodium Thiosulfate Preserved Bottle Used: ☐ Biocide Used in Source (specify): ☐							
Public Water Supply Samples: ☐ Note: All results may automatically be reported to DOH if required by state.							
Turnaround Time (TAT) Options - Please Check							
☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☒ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week							
Microbiology Test Codes							
M001 Air-O-Cell M030 Micro 5 M041 Fungal Direct Examination M169 Pollen ID & Enumeration M280 Dust Characterization Level-1 M281 Dust Characterization Level-2 M005 Viable Fungi- Air Samples (Genus ID & Count) M006 Viable Fungi- Air Samples (Includes Penicillium, Aspergillus, Cladosporium, Stachybotrys Species ID & Count) M007 Culturable fungi - Surface Samples (Genus ID & Count) M008 Culturable fungi - Surface Samples (Includes Penicillium, Aspergillus, Cladosporium, Stachybotrys Species ID & Count) M009 Bacteria Culture Gram Stain & Count M010 Bacteria Count & ID - 3 Most Prominent M011 Bacteria Count & ID - 5 Most Prominent		M174 MoldSnap M032 Allergenco-D M012 Pseudomonas aeruginosa (P/A**) M024 Pseudomonas aeruginosa (MFT*) M015 Heterotrophic Plate Count M017 Total Coliform & E. coli (Colilert P/A**) M018 Total Coliform & E. coli (MFT*) M114 Total Coliform & E. coli Enumeration (Colilert MPN**) M019 Fecal Coliform (MFT*) M020 Fecal Streptococcus (MFT*) M029 Enterococci (MFT*) M129 Enterococci (Enterolert P/A**) M180 Real Time qPCR-ERMI 36 Panel M025 Sewage Screen -Water (MFT*)		M115 Sewage Screen - Water (P/A**) M116 Sewage Screen - Water (MPN**) M117 Sewage Screen - Swab (P/A**) M013 Sewage Screen - Swab (MFT*) M133 Methicillin-resistant Staph. aureus (MRSA) M031 Rapid-growing non-TB Mycobacteria Detection & Enumeration M014 Endotoxin Analysis M044 Group Allergen (Cat, Dog, Cockroach, Dust Mite) Other See Analytical Price Guide Legionella Analysis Please use EMSL Legionella COC			
*MFT= Membrane Filtration Technique **MPN= Most Probable Number ***P/A= Presence/Absence							
Name of Sampler:			Signature of Sampler:				
Sample #	Sample Location/Description	Sample Type	Potable/NonPotable (Only for Waters)	Test Code	Volume/Area	Date/Time Collected	Temperature (°C) (Lab Use Only)
Example A1	Kitchen Sink/Tap	Water	☒ P ☐ NP	M017	100 mL	9/1/13 4:00 PM	
241ST-1	RM 112	AIR	☐ P ☐ NP	M001	75 L	11/30/18	
241ST-2	RM 107		☐ P ☐ NP			11/4/18	
241ST-3	RM 118		☐ P ☐ NP			12/01	
241ST-4	CONTROL RM		☐ P ☐ NP			12/11	
241ST-5	OPEN AREA		☐ P ☐ NP			12/18	
Client Sample # (s):		Total # of Samples:		Samples Received Chilled? Yes/No (Lab Use Only)			
Relinquished (Client): <i>Stephen B. Epps</i>			Date: <i>11-7-18</i>		Time: <i>19:00</i>		
Received (Lab): <i>Chomay Reddy</i>			Date: <i>11/8/18</i>		Time: <i>8:30</i>		
Comments/Special Instructions: Please provide an expanded report with symbols							

Page 1 of 2

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this chain of custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

Controlled Document - COC-34 Micro R8 11/14/2017

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C

GoFedEx 1800.463.3339

ORIGIN ID:KEUA (410) 962-3420
US ARMY CORPS OF ENGINEERS
2 HOPKINS PLZ
BALTIMORE, MD 212012930
UNITED STATES US

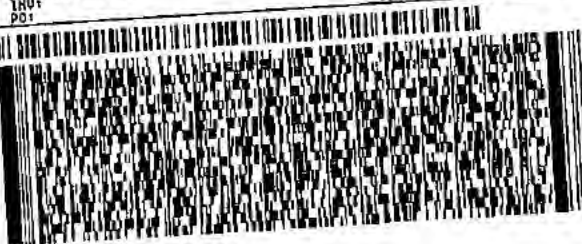
SHIP DATE: 07NOV19
ACTWGT: 1.30 LB
CAD: 00FC1922
DIMS: 6X0X0 IN
BILL SENDER

TO **EMSL ANALYTICAL INC.**

10768 BALTIMORE AVE

BELTSVILLE MD 20705

(301) 937-5780
REF: DEPT:



FedEx Express

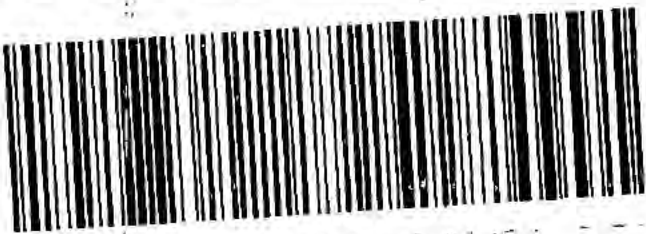


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PRIORITY OVERNIGHT**

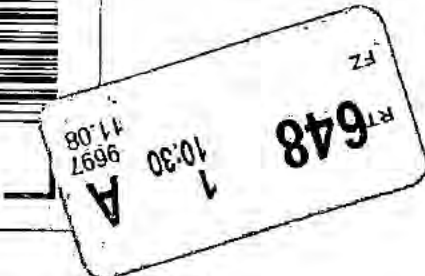
TRK# 8126 0938 9697
0200

18 GBOA

**20705
MD-US BWI**



8126 0938 9697



Align bottom of peel-and-stick airbill or pouch here.

Saturday Delivery

Phone 301 701-5100

Company **EMSL ANALYTICAL INC**

Address **10768 BALTIMORE AVE**

We cannot deliver to PO boxes or P.O. ZIP codes

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City **BELTSVILLE**

State **MD** ZIP **20705**

Hold Weekday

FedEx location address

Hold Saturday

FedEx location address

Hold Sunday

FedEx location address

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Hold Sunday

FedEx location address

fedex.com 18c

Align top of FedEx Express shipping label here.

10.FedEx 1800.453.3339

ORIGIN TO: KEVA (410) 982-3420
US ARMY CORPS OF ENGINEERS
2 HOPKINS PLZ
BALTIMORE, MD 212012930
UNITED STATES US

SHIP DATE: 07NOV18
ACTWGT: 1.30 LB
CAD: 20FC1922
DIMS: 0.0X0 IN
BILL SENDER

TO EMSL ANALYTICAL INC

10768 BALTIMORE AVE

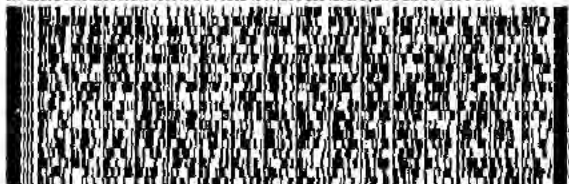
BELTSVILLE MD 20705

(301) 937-5700
TNU:
P02:

REF:

DEPT:

18 GBOA



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Express



THU - 08 NOV 10:30A
PRIORITY OVERNIGHT

TRK# 8126 0938 9697
0200

18 GBOA

20705
MD-US BWI



8126 0938 9697

11:08
9697
A

10:30
7

648
RZ

Align bottom of peel-and-stick airbill or pouch here.

ORIGIN ID:KEUA (410) 962-3420
US ARMY CORPS OF ENGINEERS
2 HOPKINS PLZ
BALTIMORE, MD 212012930
UNITED STATES US

SHIP DATE: 07NOV18
ACTWGT: 1.30 LB
CAC: VOSFC1922
DIMS: 6X0X0 IN
BILL SENDER

TO EMSL ANALYTICAL INC

10768 BALTIMORE AVE

BELTSVILLE MD 20705

(301) 937-5700
JHV:
PB:

REF

DEPT 5

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Express

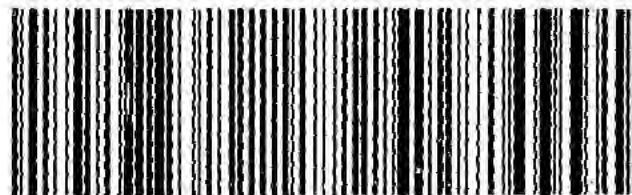


TRK# 8126 0938 9697
0200

THU - 08 NOV 10:30A
PRIORITY OVERNIGHT

18 GBOA

20705
MD-US BWI



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Page 9 Of 9

[illegible]

ATTACHMENT 2 – Asbestos Laboratory Results



CERTIFICATE OF ANALYSIS

Chain of Custody: 267091
Client: U.S. Army Corps of Engineers
Address: 10 South Howard Street
Room #10-700, Cubicle #RR
Baltimore, MD 21201
Attention: Stephen Epps

Job Name: Ft. Myer/Ft. McNair Mold Project
Job Location: Virginia
Job Number: Not Provided
P.O. Number: Not Provided

Date Submitted: 11/08/2018
Date Analyzed: 11/12/2018
Report Date: 11/12/2018
Date Sampled: 11/07/2018
Person Submitting: Stephen Epps

Summary of Polarized Light Microscopy

AMA Sample Number	Client Sample Number	Total Asbestos	Chrysotile Percent	Amosite Percent	Crocidolite Percent	Other Asbestos Percent	Mineral Wool Percent	Fiberglass Percent	Organic Percent	Synthetic Percent	Other Percent	Particulate Percent	Sample Type	Sample Color	Homogeneity	Analyst ID	Comments
267091-1	214A-1	NAD	--	--	--	--	--	--	--	--	--	100	FT	Gray	Homogeneous	LBP	
267091-1A	214A-1	NAD	--	--	--	--	--	--	--	--	--	100	MS	Black	Homogeneous	LBP	
267091-2	214A-2	NAD	--	--	--	--	--	--	--	--	--	100	FT	Gray	Homogeneous	LBP	
267091-2A	214A-2	NAD	--	--	--	--	--	--	--	--	--	100	MS	Black	Homogeneous	LBP	
267091-3	214A-3	NAD	--	--	--	--	--	--	--	--	--	100	FT	Gray	Homogeneous	LBP	
267091-3A	214A-3	NAD	--	--	--	--	--	--	--	--	--	100	MS	Brown	Homogeneous	LBP	
267091-4	214A-4	NAD	--	--	--	--	--	--	--	--	--	100	FT	Gray	Homogeneous	LBP	
267091-4A	214A-4	NAD	--	--	--	--	--	--	--	--	--	100	MS	Brown	Homogeneous	LBP	
267091-5	214A-5	NAD	--	--	--	--	--	--	--	--	--	100	PL	White	Homogeneous	LBP	
267091-5A	214A-5	NAD	--	--	--	--	--	--	--	--	--	100	BC	Brown	Homogeneous	LBP	
267091-6	214A-6	NAD	--	--	--	--	--	--	--	--	--	100	PL	White	Homogeneous	LBP	
267091-6A	214A-6	NAD	--	--	--	--	--	--	--	--	--	100	BC	Brown	Homogeneous	LBP	
267091-7	214A-7	NAD	--	--	--	--	--	--	--	--	--	100	PL	White	Homogeneous	LBP	
267091-7A	214A-7	NAD	--	--	--	--	--	--	--	--	--	100	BC	Brown	Homogeneous	LBP	
267091-8	214A-8	NAD	--	--	--	--	--	--	--	--	--	100	PL	Gray	Homogeneous	LBP	
267091-9	214A-9	NAD	--	--	--	--	--	--	--	--	--	100	PL	Gray	Homogeneous	LBP	
267091-10	214A-10	NAD	--	--	--	--	--	--	--	--	--	100	PL	Gray	Homogeneous	LBP	



CERTIFICATE OF ANALYSIS

Chain of Custody: 267091
Client: U.S. Army Corps of Engineers
Address: 10 South Howard Street
Room #10-700, Cubicle #RR
Baltimore, MD 21201
Attention: Stephen Epps

Job Name: Ft. Myer/Ft. McNair Mold Project
Job Location: Virginia
Job Number: Not Provided
P.O. Number: Not Provided

Date Submitted: 11/08/2018
Date Analyzed: 11/12/2018
Report Date: 11/12/2018
Date Sampled: 11/07/2018
Person Submitting: Stephen Epps

Summary of Polarized Light Microscopy

AMA Sample Number	Client Sample Number	Total Asbestos	Chrysotile Percent	Amosite Percent	Crocidolite Percent	Other Asbestos Percent	Mineral Wool Percent	Fiberglass Percent	Organic Percent	Synthetic Percent	Other Percent	Particulate Percent	Sample Type	Sample Color	Homogeneity	Analyst ID	Comments
-------------------------	----------------------------	-------------------	-----------------------	--------------------	------------------------	------------------------------	----------------------------	-----------------------	--------------------	----------------------	------------------	------------------------	----------------	-----------------	-------------	---------------	----------

The following footnotes only apply to those samples which the total asbestos result is flagged with a note number.

¹ TEM RECOMMENDATION - Please note, due to resolution limitations with optical microscopy and/or interference from matrix components of this sample, results which are reported via PLM as negative or trace (<1%) for asbestos may contain a significant quantity of asbestos. It is recommended that the additional analytical technique of TEM be used to check for asbestos fibers below the resolution limits of optical microscopy.

² MATRIX REDUCTION RECOMMENDATION - Please note, due to interference from the matrix components of this sample, results which are reported via PLM as negative or trace (<1%) for asbestos may contain a significant quantity of asbestos which is obscured from view. It is recommended that the additional preparation technique of gravimetric reduction be performed on this sample to minimize the obscuring effects of matrix components, followed by reanalysis by PLM and/or TEM.

Analysis Method - EPA/600/R-93/116 dated July 1993

NAD = "No Asbestos Detected" TR = "Trace equals less than 1% of this component"

Uncertainty: For samples containing asbestos in range of 1-10% the CV is 0.43, 11-35% CV=0.55, >35 CV=0.23. All results are to be considered preliminary and subject to change unless signed by the Technical Director or Deputy.

Analyst(s): Lom Butruk

Technical Director Michael Greenberg

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations, and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

**AMA Analytical Services, Inc.**

Focused on Results

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AIHA-LAP (#100470) NVLAP (#101143-0) NY ELAP (10920)

4475 Forbes Blvd. • Lanham, MD 20706

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

(Please Refer To This
Number For Inquires)**267091****CHAIN OF CUSTODY****Mailing/Billing Information:**

1. Client Name: USACE - STEPHEN B. EPPS
 2. Address 1: 2 HOPKINS PLAZA
 3. Address 2: SUITE 09-E-6
 4. Address 3: BALTIMORE MARYLAND 21201
 5. Phone #: 410-320-9493 Fax #:

Submittal Information:

1. Job Name: FT MYER/FT MCNAIR MOLD PROJECT
 2. Job Location: VIRGINIA
 3. Job #: _____ P.O. #:
 4. Contact Person: STEPHEN B. EPPS Cell: 410-320-9493
 5. Collected by: STEPHEN B. EPPS Cell: 410-320-9493

Reporting Info (Results provided as soon as technically feasible). If no TAT/Reporting Info is provided, AMA will assign defaults of 5-Day and email/fax to contacts on file.

AFTER HOURS (must be pre-scheduled)		NORMAL BUSINESS HOURS		REPORT TO:
☐ Immediate	Date Due: _____	☐ 3 Day	☐ Results Required By Noon	☒ Email: _____
☐ 24 Hours	Time Due: _____	☐ 5 Day + ☒ 2 Day		☐ Email 2: _____
Comments: _____		Date Due: <u>11/12/18</u>		☐ Verbal: _____

Asbestos Analysis

*PCM Air - Please Indicate Filter Type: _____

☐ NIOSH 7400 (QTY)☐ Fiberglass (QTY)

TEM Air* - Please Indicate Filter Type: _____

☐ AHERA (QTY)☐ NIOSH 7402 (QTY)☐ Other (specify) _____ (QTY)**PLM Bulk**☒ EPA 600 - Visual Estimate 10 (QTY) ☐ Pos Stop☐ EPA Point Count (QTY)☐ NY State Friable 198.1 (QTY)☐ Grav. Reduction ELAP 198.6 (QTY)☐ Other (specify) _____ (QTY)**MISC**☐ Vermiculite☐ Asbestos Soil PLM (Qual) PLM (Quan) PLM/TEM (Qual) PLM/TEM (Quan)

*It is recommended that blank samples be submitted with all air and surface samples

TEM Bulk☐ ELAP 198.4/Chatfield (QTY)☐ NY State PLM/TEM (QTY)☐ Residual Ash (QTY)**TEM Dust***☐ Qual. (pres/abs) Vacuum/Dust (QTY)☐ Quan. (s/area) Vacuum D5755-95 (QTY)☐ Quan. (s/area) Dust D6480-99 (QTY)**TEM Water**☐ Qual. (pres/abs) (QTY)☐ ELAP 198.2/EPA 100.2 (QTY)☐ EPA 100.1 (QTY)
☒ All samples received in good condition unless otherwise noted.
 (TEM Water samples _____ °C)
Metals Analysis☐ Pb Paint Chip (QTY)☐ *Pb Dust Wipe (wipe type) _____ (QTY)☐ *Pb Air (QTY)☐ Pb Soil/Solid (QTY)☐ Pb TCLP (QTY)☐ Drinking Water ☐ Pb (QTY) ☐ Cu (QTY) ☐ As (QTY)☐ Waste Water ☐ Pb (QTY) ☐ Cu (QTY) ☐ As (QTY)☐ Pb Furnace (Media) _____ (QTY)**Fungal Analysis**

Collection Apparatus for Spore Traps/Air Samples: _____

Collection Media _____

☐ *Spore-Trap (QTY) ☐ Surface Vacuum Dust (QTY)☐ *Surface Swab (QTY) ☐ Culturable ID Genus (Media) _____ (QTY)☐ *Surface Tape (QTY) ☐ Culturable ID Species (Media) _____ (QTY)☐ Other (Specify) _____ (QTY)**CLIENT CONTACT**

(LABORATORY STAFF ONLY)

CLIENT ID #	SAMPLE INFORMATION SAMPLE LOCATION/ID	DATE/ TIME	VOL (L)/ Wipe Area	TEM	PCM	PLM	LEAD	MOLD	AIR	BULK	DUST	WATER AND OTHER	SPORE TRAP	TAPE	SWAB	Date/Time:	Contact/By:
214A-1	FL TILE	11-7-18				X				X							
214A-2	FL TILE					X				X							
214A-3	FL TILE					X				X							
214A-4	FL TILE					X				X							
214A-5	PLASTER					X				X							
214A-6	PLASTER					X				X							
214A-7	PLASTER					X				X							
214A-8	PLASTER					X				X							
214A-9	PLASTER					X				X							
214A-10	PLASTER					X				X							

	Print Name	Signature	Date	Time	Shipping Information
Relinquished by:	STEPHEN B. EPPS	<i>Stephen Blupp</i>	11-7-18	1900	☐ UPS ☐ In-Person ☐ Other
Received by:	FEDEX		11-7-18	1900	☒ FedEx ☐ Drop Box
Relinquished by:					☐ USPS ☐ Courier
Received for Lab by:			11/8/18	1000	Airbill/Tracking No: _____



US Army Corps
of Engineers
Baltimore District

ENVIRONMENTAL HEALTH FACILITY ASSESSMENT

Ft. Myer Building 214

Joint Base Myer-Henderson Hall, VA

Attachment E: Radon Report

75ATM													
INST_NO	SERIAL_NO	PLACE_DATE	REM_DATE	SAMP_TY PE	DUP_SERIAL	BLDG_USE	BLDG_NO	FLOOR	ROOM_NO	REMARKS	DDS_NO	PROCESSED	AVG_CONC
75	1432029	7/25/1989	10/27/1989		0	3	4	1	4C60	5	25446	P	0.5
75	1392719	7/25/1989	10/27/1989		0	3	4	1	4D55	8 SIDE HALL	25446	P	0.5
75	1392902	7/31/1989	10/14/1989	S	0	3	1	1		JPPSO/MEN'S ROOM	23197	P	5.3
75	1392883	7/19/1989	10/26/1989	S	0	3	2	1	DR 23	C. STEEL PILLAR	23199	P	3.9
75	1392892	7/19/1989	10/14/1989	S	0	3	2	1	DR 20	SUPPLY	23200	P	7.9
75	1291984	7/10/1989	10/17/1989	S	0	3	T-25	1	DR.1		25540	P	14.3
75	1392878	7/11/1989	10/17/1989	S	0	3	26	1		SOUTH WALL	25541	P	6.3
75	1392908	7/11/1989	10/17/1989	S	0	3	26	1		FRONT DOOR	25541	P	3.7
75	1392873	7/11/1989	10/17/1989	S	0	3	26	1		BACK AREA	25541	P	7
75	1291990	7/27/1989	10/26/1989	S	0	3	5	1	5B454		25450	P	16.5
75	1392149	7/8/1989	10/18/1989		0	3	423	1		OFFICE	23184	P	0.4
75	1392191	7/8/1989		M	0	3	423	1		LOST	23184	P	0
75	1392165	7/8/1989			0	0	423	0			23184	P	0
75	1392186	7/18/1989		M	0	3	423	1		LOST	23184	P	0
75	1392170	7/18/1989	10/18/1989		0	3	423	1		PRODUCE	23184	P	0.7
75	1392150	7/18/1989		M	0	3	423	1		LOST	23184	P	0
75	1392172	7/18/1989		M	0	3	423	1		LOST	23184	P	0
75	1392164	7/18/1989	10/18/1989	D	1392147	3	423	1		PRODUCE	23184	P	0.6
75	1392147	7/18/1989	10/18/1989	D	1392164	3	423	1		PRODUCE	23184	P	0.5
75	1392183	7/18/1989	10/18/1989		0	3	423	1		PRODUCE	23184	P	0.6

75	1392153	7/18/1989	10/18/1989		0	3	423	1	HALLWAY	23184	P	0
75	1392152	7/18/1989		M	0	3	423	1	LOST	23184	P	0
75	1392192	7/18/1989	10/18/1989		0	3	423	1	PRODUCE	23184	P	0.5
75	1392185	7/18/1989	10/18/1989		0	3	423	1	PRODUCE	23184	P	0.4
75	1392151	7/18/1989		M	0	3	423	1	LOST	23184	P	0
75	1392162	7/18/1989	10/18/1989		0	3	423	1	ADMIN. OFC.	23184	P	0.7
75	1392187	7/18/1989	10/18/1989		0	3	423	1	ADMIN. OFC.	23184	P	0.7
75	1392160	7/8/1989	10/18/1989		0	3	423	1	OFFICE	23184	P	0.8
75	1392173	7/8/1989	10/18/1989		0	3	423	1	OFFICE	23184	P	0.5
75	1392179	7/8/1989		M	0	3	423	1	LOST	23184	P	0
75	1308409	7/12/1989	10/18/1989		0	3	442	1	OFFICE	23185	P	0.8
75	1308386	7/12/1989	10/18/1989		0	3	442	1	WAREHO USE	23185	P	0.6
75	1308413	7/12/1989	10/25/1989		0	3	215	1	SNACK ROOM	23185	P	0.7
75	1308411	7/12/1989	10/26/1989		0	3	234	1	DAY ROOM	23185	P	0.5
75	1291955	7/12/1989	10/16/1989	D	1291952	3	239	1	KITCHEN	23185	P	0.6
75	1291952	7/12/1989	10/16/1989	D	1291955	3	239	1	KITCHEN	23185	P	0.4
75	1291956	7/12/1989	10/16/1989		0	3	421	1	HALLWAY	23185	P	0.6
75	1291953	7/12/1989		M	0	0	421		LOST	23185	P	0.5
75	1308414	7/12/1989	10/17/1989		0	3	322	1	ADMIN.	23185	P	0.6
75	1308404	7/12/1989	10/26/1989		0	3	412	1	OFFICE	23185	P	0.7
75	1308392	7/12/1989	10/25/1989		0	3	447	1	UTILITY ROOM	23185	P	0.4
75	1291957	7/12/1989	10/25/1989		0	3	447	1	KITCHEN	23185	P	0.4
75	1291974	7/12/1989	10/25/1989		0	3	447	1	LOCKER ROOM	23185	P	0.5

75	1392896	7/25/1989	10/18/1989		0	3	306	1		OFFICE	23185	P	0.6
75	1392922	7/25/1989	10/18/1989		0	3	306	1		OFFICE	23185	P	1
75	1392968	7/25/1989	10/18/1989		0	3	306	1		WORK ROOM	23185	P	0.7
75	1392903	7/25/1989	10/18/1989		0	3	306	1		KITCHEN	23185	P	0.9
75	1392932	7/12/1989	10/18/1989		0	3	306	1		OFFICE	23185	P	1
75	1392905	7/25/1989	10/18/1989		0	3	306	1		WAREHO USE	23185	P	1
75	1308400	7/12/1989	10/25/1989		0	3	447	1		ELECTRIC ROOM	23185	P	0.6
75	1392174	7/18/1989	10/26/1989		0	3	468	1		LOUNGE ROOM	23186	P	0.8
75	1392951	7/25/1989	10/17/1989		0	3	59	0	B-12		23186	P	1.1
75	1392872	7/25/1989	10/17/1989		0	0	59	0		MAIL ROOM	23186	P	0.8
75	880894	7/17/1989	10/26/1989	F	0	3	59	0	B-8		23186	P	0
75	1392901	7/25/1989	10/26/1989	S	0	3	313	1			23186	P	7
75	1392869	7/25/1989	10/26/1989	S	0	3	400	1			23186	P	6.5
75	1291977	7/18/1989	10/26/1989	S	0	3	318	0			23186	P	14.2
75	1291982	7/17/1989	10/26/1989	S	0	3	309	1			23186	P	14.6
75	1394550	7/10/1989	10/23/1989		0	3	34	1		carp shop	23187	P	1.9
75	1392357	7/10/1989	10/23/1989		0	3	34	1		boiler plant	23187	P	0.5
75	1392345	7/10/1989	10/23/1989		0	3	32	0		sgs admin	23187	P	0.9
75	1392358	7/10/1989	10/23/1989		0	3	32	0		sta chief	23187	P	0.8
75	1392351	7/10/1989	10/23/1989		0	3	29	1		post office	23187	P	0.6
75	1392355	7/10/1989	10/23/1989		0	3	35	1		f exit commisar y	23187	P	0.4
75	1392352	7/10/1989	10/23/1989		0	3	35	1		office hallway	23187	P	0.4

75	1392363	7/10/1989	10/23/1989		0	3	31	0		rear exit	23187 P	0.8
75	1394545	7/10/1989	10/23/1989		0	3	37	1		fire cheif office	23187 P	0.7
75	1392359	7/10/1989	10/23/1989		0	3	37	1		tmp office	23187 P	0.6
75	1392343	7/10/1989	10/23/1989		0	3	36	1		paint shop	23187 P	0.7
75	1392356	7/10/1989	10/23/1989		0	3	36	1		electric shop	23187 P	1.1
75	1392329	7/10/1989	10/23/1989		0	3	42	1		work coordinat or	23187 P	0.8
75	1392335	7/10/1989	10/23/1989		0	3	42	1		pao	23187 P	0.5
75	1392332	7/10/1989	10/23/1989		0	3	40	1		roads and grounds	23187 P	0.8
75	1392320	7/10/1989	10/23/1989		0	3	40	1		holding area	23187 P	0.5
75	1392321	7/10/1989	10/23/1989		0	3	40	1		R. P. M. O.	23187 P	0.6
75	1392327	7/10/1989	10/23/1989		0	3	46	1	101		23187 P	0.8
75	1392402	7/10/1989	10/23/1989		0	3	46	1	104		23187 P	0.9
75	1392334	7/10/1989	10/23/1989		0	3	46	1	106		23187 P	1.1
75	1392322	7/10/1989	10/23/1989		0	3	46	1		CONFERE NCE ROOM	23188 P	0.7
75	1392349	7/10/1989	10/23/1989		0	3	46	1	109		23188 P	0.5
75	1392350	7/10/1989		M	0	3	46	1	110	LOST	23188 P	0
75	1392328	7/10/1989	10/23/1989		0	3	39	0		OFFICE N.V.A.C.	23188 P	0.7
75	1392344	7/10/1989	10/23/1989		0	3	39	0		LUNCH ROOM H.V.A.C.	23188 P	0.8

75	1392341	7/10/1989	10/24/1989		0	4	39	0		YOUTH CENTER	23188	P	0.6
75	1392360	7/10/1989	10/23/1989		0	4	39	0		YOUTH CENTER HALLWAY	23188	P	0.6
75	1392324	7/10/1989	10/23/1989		0	4	39	0		BOWLING ALLEY NW WID	23188	P	0.8
75	1392337	7/10/1989	10/23/1989		0	4	39	0		BOWLING ALLEY NE COR	23188	P	0.6
75	1392340	7/10/1989	10/23/1989		0	4	39	0		BOWLING ALLEY BEHLNS	23188	P	0.8
75	1392336	7/10/1989	10/23/1989		0	4	39	0		BOWLING ALLEY RR ARA	23188	P	0.7
75	1392331	7/11/1989		M	0	4	45	0		LOST	23188	P	0
75	1392346	7/11/1989	10/23/1989		0	4	45	0		CARP STORAGE	23188	P	0.7
75	1392333	7/11/1989	10/23/1989		0	4	45	0		"O" CLUB STORAGE	23188	P	1
75	1392354	7/11/1989	10/23/1989		0	4	45	0		NCO CLUB STORAGE	23188	P	1.6
75	1392330	7/11/1989	10/24/1989		0	4	45	0		H.V.A.C. STORAGE	23188	P	1.2
75	1392353	7/11/1989	10/23/1989		0	3	43	1		P.X. GAS STATION	23188	P	0.4
75	1392325	7/11/1989	10/23/1989		0	3	41	0		J.A.G. OFFICE	23188	P	1.6

75	1392326	7/11/1989	10/24/1989		0	3	41	0		DRY CLEANERS	23188	P	0.9
75	1394548	7/11/1989	10/24/1989		0	4	49	0		GYM OFFICE	23188	P	0.7
75	1392347	7/11/1989		M	0	4	49	0	GYM	LOST	23189	P	0
75	1394546	7/11/1989	10/23/1989		0	3	48	0	B6		23189	P	1.5
75	1392323	7/11/1989	10/23/1989		0	3	48	0	B5		23189	P	1.3
75	1392319	7/11/1989	10/23/1989		0	3	48	0	B9		23189	P	0.8
75	1392348	7/11/1989	10/23/1989		0	3	48	0	B10		23189	P	0.6
75	1394549	7/11/1989	10/23/1989		0	3	48	0	B13	record holding area	23189	P	0.8
75	1394551	7/11/1989	10/24/1989		0	3	48	0		machine room	23189	P	0.9
75	1392318	7/11/1989	10/24/1989		0	3	50	0		machine room	23189	P	0.6
75	1392339	7/11/1989	10/23/1989		0	3	50	0		s.w. office	23189	P	0.8
75	1392398	7/11/1989	10/23/1989		0	3	56	1		reception desk area	23189	P	1.2
75	1392397	7/11/1989	10/23/1989		0	3	58	0		machine room	23189	P	1.1
75	1392370	7/11/1989	10/23/1989	D	1392372	2	54	0		laundry room	23189	P	1.6
75	1392372	7/11/1989	10/23/1989	D	1392370	2	54	0		laundry room	23189	P	1.5
75	1392381	7/11/1989	10/23/1989		0	2	54	0		rec room	23189	P	1.3
75	1392414	7/11/1989	10/24/1989		0	4	57	1		above cash register	23189	P	1.7
75	1392369	7/11/1989	10/23/1989		0	3	60	0		s.w. office	23189	P	0.9

75	1392382	7/11/1989	10/23/1989		0	3	60	0		kitchen break room	23189 P	0.6
75	1392380	7/12/1989	10/23/1989		0	2	47	0		r & u	23189 P	0.8
75	1392361	7/12/1989	10/23/1989		0	2	47	0	B2		23189 P	1.3
75	1394547	7/11/1989	10/23/1989		0	3	48	0	B13		23189 P	1
75	1392365	7/12/1989	10/23/1989		0	2	47	0	B9	supply room	23190 P	0.6
75	1392401	7/12/1989		M	0	2	47	0	B10	LOST	23190 P	0
75	1392412	7/12/1989	10/23/1989		0	2	47	0		laundry room	23190 P	0.6
75	1392405	7/12/1989	10/23/1989	D	1392399	2	47	0	B14		23190 P	0.8
75	1392399	7/12/1989	10/23/1989	D	1392405	2	47	0	B14		23190 P	0.8
75	1392409	7/12/1989		M	0	2	47	0	B18	LOST	23190 P	0
75	1392407	7/12/1989	10/23/1989		0	2	47	0	B21		23190 P	0.7
75	1392411	7/12/1989	10/23/1989		0	2	47	0	B22		23190 P	0
75	1392387	7/12/1989	10/23/1989		0	3	52	0		reproducti on s.w. co	23190 P	0.8
75	1392391	7/12/1989	10/23/1989		0	3	52	0		reproducti on n.w cor	23190 P	0.6
75	1392379	7/12/1989	10/23/1989		0	3	52	0	11		23190 P	0.6
75	1392373	7/12/1989	10/23/1989		0	3	52	0		break room	23190 P	0.6
75	1392385	7/12/1989	10/23/1989		0	3	52	0	19C		23190 P	0.9
75	1392366	7/12/1989	10/23/1989		0	3	52	0	18		23190 P	0.9
75	1392375	7/12/1989	10/23/1989	D	1392362	3	52	0	21		23190 P	0.6
75	1392362	7/12/1989	10/23/1989	D	1392375	3	52	0	21		23190 P	0.9
75	1392378	7/12/1989	10/23/1989		0	3	59	1	100	p.x.	23190 P	0.5
75	1392392	7/12/1989	10/23/1989		0	3	59	1		cafeteria	23190 P	0.5
75	1392408	7/12/1989	10/23/1989		0	3	59	1	104		23190 P	0.4
75	1392383	7/12/1989	10/23/1989		0	3	59	1		computer lab	23190 P	0.7

75	1392386	7/12/1989	10/23/1989		0	3	59	1	108		23191 P	0.5
75	1392393	7/12/1989	10/23/1989		0	3	59	1	113	procurement	23191 P	0.5
75	1392376	7/12/1989	10/23/1989		0	3	59	1	117		23191 P	0.7
75	1392364	7/12/1989	10/23/1989		0	3	59	1	116		23191 P	0.6
75	1392390	7/12/1989	10/23/1989		0	3	59	1	122		23191 P	0.5
75	1392403	7/12/1989	10/23/1989	D	1392395	3	59	1	124		23191 P	0.7
75	1392395	7/12/1989	10/23/1989	D	1392403	3	59	1	124		23191 P	0.5
75	1392415	7/12/1989	10/23/1989		0	3	59	1	126		23191 P	0.7
75	1392377	7/12/1989	10/23/1989		0	3	59	1		security office	23191 P	0.6
75	1392374	7/12/1989	10/23/1989		0	3	59	1		logistics	23191 P	0.8
75	1392406	7/12/1989	10/23/1989		0	3	59	1		gym n.e. corner	23191 P	0.3
75	1392413	7/12/1989	10/23/1989		0	3	59	1		barber shop	23191 P	0.7
75	1392416	7/12/1989	10/23/1989		0	3	59	1	C125		23191 P	0.9
75	1392410	7/12/1989	10/23/1989		0	3	59	1	C125	photo lab	23191 P	0.4
75	1392368	7/12/1989	10/23/1989		0	3	59	1	C127		23191 P	0.6
75	1392388	7/12/1989	10/23/1989	D	1392384	3	59	1	C121		23191 P	0.6
75	1392384	7/12/1989	10/23/1989	D	1392388	3	59	1	C121		23191 P	0.5
75	1392396	7/12/1989	10/23/1989		0	3	59	1	C121	computer room	23191 P	0.5
75	1392389	7/12/1989	10/23/1989		0	3	59	1	C119		23191 P	0.7
75	1292012	7/12/1989	10/23/1989	D	1292017	3	61	0	25		23191 P	1
75	1291995	7/13/1989	10/23/1989		0	3	61	0	13		23192 P	1.2
75	1392394	7/13/1989	10/23/1989		0	3	61	0	26		23192 P	1.1
75	1292000	7/13/1989	10/23/1989		0	3	61	0	15B		23192 P	0.9
75	1291996	7/12/1989	10/23/1989		0	3	61	0	28		23192 P	0.8
75	1292015	7/13/1989	10/23/1989		0	3	61	0		media center	23192 P	0.9
75	1292022	7/13/1989	10/23/1989		0	3	61	0	27		23192 P	0.8

75	1292023	7/13/1989	10/23/1989	D	1292019	3	61	0	12		23192	P	0.8
75	1292019	7/13/1989	10/23/1989	D	1292023	3	61	0	12		23192	P	1.1
75	1292005	7/13/1989	10/23/1989		0	3	61	0	11		23192	P	0.8
75	1292001	7/13/1989	10/23/1989		0	3	61	0	10		23192	P	1.1
75	1291981	7/13/1989	10/23/1989		0	3	61	0	8		23192	P	0.8
75	1292026	7/13/1989	10/23/1989		0	3	61	0	15A		23192	P	1.1
75	1292004	7/13/1989	10/23/1989		0	3	61	0		gym	23192	P	0.8
75	1292011	7/13/1989	10/23/1989		0	3	61	0	17		23192	P	1
75	1292021	7/13/1989	10/23/1989		0	3	61	0	18		23192	P	0.8
75	1291980	7/13/1989	10/23/1989	D	1292027	3	61	0		men's locker room	23192	P	0.7
75	1292027	7/13/1989	10/23/1989	D	1291980	3	61	0		men's locker room	23192	P	0.9
75	1291983	7/13/1989	10/23/1989		0	3	61	0	37		23192	P	0.9
75	1291999	7/13/1989	10/24/1989		0	3	61	0	44		23192	P	1.5
75	1291997	7/13/1989	10/23/1989		0	3	61	0	41B		23193	P	0.7
75	1291988	7/13/1989	10/23/1989		0	3	61	0	45		23193	P	1.2
75	1292009	7/13/1989	10/23/1989		0	3	61	0	46		23193	P	0.9
75	1291987	7/13/1989	10/23/1989		0	3	61	0	47		23193	P	0.8
75	1292008	7/13/1989	10/23/1989		0	3	61	0	B	WAR GAMES	23193	P	1.6
75	1292020	7/13/1989	10/23/1989		0	3	61	0	4		23193	P	1.4
75	1292013	7/13/1989	10/23/1989		0	3	61	0	3		23193	P	1.2
75	1291994	7/13/1989	10/23/1989	D	1292025	3	61	0	10		23193	P	1.5
75	1292025	7/13/1989	10/23/1989	D	1291994	3	61	0	10		23193	P	1.3
75	1291985	7/13/1989	10/23/1989		0	3	61	0	RM C	game room	23193	P	1.4
75	1312119	7/17/1989	10/18/1989		0	3	313	1			25455	P	0
75	1392113	7/17/1989	10/18/1989		0	3	313	1			25455	P	0.9
75	1392178	7/17/1989	10/18/1989		0	3	313	1			25455	P	1.1
75	1392114	7/17/1989		M	0	0	313	0		LOST	25455	P	0

75	1392110	7/17/1989	10/18/1989	D	1392118	3	313	1			25455 P	0.9
75	1392118	7/17/1989	10/18/1989	D	1392110	3	313	1			25455 P	0.9
75	1392107	7/17/1989	10/18/1989		0	3	313	1			25455 P	1.2
75	1392108	7/17/1989	10/18/1989		0	3	313	1			25455 P	0.8
75	1392145	7/17/1989	10/16/1989		0	3	400	1			25455 P	1.3
75	1392157	7/17/1989	10/16/1989		0	3	400	1			25455 P	0.7
75	1392130	7/17/1989	10/16/1989		0	3	400	1			25455 P	0.4
75	1392158	7/17/1989	10/19/1989		0	3	400	1			25455 P	0.4
75	1392175			M	0	0	400	0		LOST	25455 P	0
75	1392190	7/17/1989	10/16/1989	D	1392189	3	400	1			25455 P	0.5
75	1392189	7/17/1989	10/16/1989	D	1392190	3	400	1			25455 P	0.5
75	1392128	7/17/1989	10/16/1989		0	3	400	1			25455 P	0.6
75	1392177	7/17/1989	10/16/1989		0	3	400	1			25455 P	0.3
75	1392144	7/17/1989	10/16/1989		0	3	400	1			25455 P	0.6
75	1392166	7/17/1989	10/16/1989		0	3	400	1			25455 P	0.5
75	1308412	7/11/1989	10/17/1989		0	3	201	0		HALLWAY	25527 P	1.6
75	1308391	7/12/1989		M	0	0	305	0		LOST	25527 P	0
75	1308406	7/12/1989	10/18/1989		0	3	305	1		OFFICE	25527 P	0.7
75	1291973	7/12/1989	10/18/1989		0	3	305	1		OFFICE	25527 P	0.6
75	1291964	7/12/1989	10/17/1989	D	1308408	3	309	1		OFFICE	25527 P	0.7
75	1308408	7/12/1989	10/17/1989	D	1291964	3	309	1		OFFICE	25527 P	0.6
75	1308402	7/12/1989	10/17/1989		0	3	309	1		MECHANI CAL RM.	25527 P	0.6
75	1308407	7/12/1989	10/17/1989		0	3	309	1		MECHANI CAL RM.	25527 P	0.8
75	1308401	7/12/1989	10/17/1989		0	3	309	1		MECHANI CAL RM.	25527 P	0.6
75	1315126	7/12/1989	10/17/1989		0	3	309	1		MECHANI CAL RM.	25527 P	0.5
75	1291963	7/12/1989	10/17/1989		0	3	309	1		MECHANI CAL RM.	25527 P	1.2

75	1291960	7/12/1989	10/17/1989		0	3	318	1		PAINT SHOP	25527 P	1.2
75	1291971	7/12/1989	10/17/1989		0	0	309	0		MECHANICAL RM.	25527 P	0.6
75	1308410	7/12/1989	10/17/1989	D	1291962	3	318	0		STAIRWELL	25527 P	1.2
75	1291962	7/12/1989	10/17/1989	D	1308410	3	318	0		STAIRWELL	25527 P	0.8
75	1291966	7/12/1989	10/19/1989		0	3	308	1		OFFICE	25527 P	0.7
75	1291950	7/12/1989	10/19/1989		0	3	308	1		KITCHEN	25527 P	1.8
75	1308390	7/12/1989	10/16/1989		0	3	443	1		STORAGE	25527 P	0.9
75	1291979	7/12/1989			0	0	443	0			25527 P	0.7
75	1291967	7/12/1989	10/17/1989		0	3	309	1		MECHANICAL RM.	25527 P	0.6
75	1289329	7/10/1989	10/16/1989		0	3	202	0		BASEMENT	25547 P	0.7
75	1289330	7/10/1989	10/16/1989		0	3	202	0		BASEMENT	25547 P	1
75	1289319	7/10/1989	10/16/1989		0	3	202	0		BASEMENT	25547 P	0.6
75	1289328	7/10/1989	10/16/1989		0	3	203	0		BASEMENT	25547 P	0.6
75	1289323	7/10/1989	10/16/1989		0	3	203	1		BASEMENT	25547 P	0.7
75	1289314	7/10/1989	10/16/1989		0	3	236	1		OFFICE	25547 P	0.6
75	1289306	7/10/1989	10/16/1989		0	3	233	1		BARN	25547 P	0.4
75	1289301	7/10/1989	10/16/1989		0	3	232	1		CLASSROOM	25547 P	0.6
75	1289320	7/10/1989	10/16/1989		0	3	219	1		COUNS. ROOM	25547 P	0.8
75	1289300	7/10/1989	10/16/1989		0	3	219	1		TRAINING ROOM	25547 P	0.7
75	1289287	7/10/1989	10/16/1989		0	3	219	0		COUNS. ROOM	25547 P	0.8

75	1289292	7/10/1989	10/16/1989		0	3	219	1	G G U	25547 P	0.8
75	1289321	7/10/1989	10/17/1989		0	3	230	1	OFFICE	25547 P	0.9
75	1289293	7/10/1989	10/15/1989		0	3	230	1	WAREHO USE	25547 P	0.6
75	1289315	7/10/1989		M	0	3	229	1	LOST	25547 P	0
75	1289316	7/10/1989	10/16/1989		0	3	238	1	STORAGE ROOM	25547 P	0.8
75	1289295	7/10/1989	10/16/1989		0	3	238	1	OFFICE	25547 P	1
75	1289294	7/10/1989	10/16/1989		0	3	217	1	WAITING ROOM	25547 P	0.9
75	1289298	7/10/1989	10/16/1989		0	3	217	1	WAITING ROOM	25547 P	1.1
75	1292055	7/11/1989	10/16/1989		0	3	404	1	LUNCH ROOM	25548 P	0.7
75	1289272	7/11/1989	10/16/1989		0	3	404	1	LUNCH ROOM	25548 P	0.6
75	1292061	7/11/1989	10/16/1989		0	3	404	1	LUNCH ROOM	25548 P	0.6
75	1289276	7/11/1989		M	0	0	404	0	LOST	25548 P	0
75	1292049	7/11/1989	10/16/1989	D	1291976	3	404	1	LUNCH ROOM	25548 P	0.8
75	1291976	7/11/1989	10/16/1989	D	1292049	3	404	1	LUNCH ROOM	25548 P	0.9
75	1289308	7/11/1989		M	0	0	404	0	LOST	25548 P	0
75	1308394	7/11/1989	10/16/1989		0	3	404	1	SERVING ROOM	25548 P	0.6
75	1308415	7/11/1989		M	0	0	404	0	LOST	25548 P	0
75	1308388	7/11/1989		M	0	0	231	0	LOST	25548 P	0
75	1308389	7/11/1989		M	0	0	231	0	LOST	25548 P	0
75	1291959	7/11/1989	10/25/1989		0	3	241	1	OFFICE	25548 P	0.9
75	1291978	7/11/1989		M	0	0	241	0	LOST	25548 P	0
75	1291965	7/11/1989	10/19/1989		0	3	241	1	CONF. ROOM	25548 P	1.5

75	1308385	7/11/1989	10/18/1989		0	3	420	1		MID. OFC.	25548	P	1.2
75	1291975	7/11/1989	10/17/1989		0	3	201	1			25548	P	1.9
75	1308387	7/11/1989	10/17/1989	D	1291970	3	201	1		KITCHEN	25548	P	1.6
75	1291970	7/11/1989	10/17/1989	D	1308387	3	201	1		KITCHEN	25548	P	1.5
75	1308403	7/11/1989	10/17/1989		0	0	201	0		HALLWAY	25548	P	1.6
75	1291969	7/11/1989		M	0	3	241	1		LOST	25548	P	2.5
75	1292059	7/11/1989	10/25/1989		0	3	405	1		T.V. ROOM	25549	P	0.8
75	1292041	7/11/1989	10/26/1989		0	3	405	1		T.V. ROOM	25549	P	0.5
75	1292030	7/11/1989	10/25/1989		0	3	405	1		REC. ROOM	25549	P	0.5
75	1292056	7/11/1989		M	0	3	405	1		LOST	25549	P	0
75	1292054	7/11/1989		D	1289275	3	405	1			25549		0
75	1289275	7/11/1989		D	1292054	3	405	1			25549		0
75	1289268	7/11/1989		M	0	3	405	1		LOST	25549	P	0
75	1289327	7/11/1989	10/25/1989		0	3	405	1		OFFICE	25549	P	0.9
75	1291961	7/11/1989	10/25/1989		0	3	335	1		OFFICE	25549	P	1
75	1308398	7/11/1989	10/18/1989		0	3	335	0		USHER'S ROOM	25549	P	1.7
75	1292048	7/11/1989	10/16/1989		0	3	404	1		OFFICE	25549	P	0.5
75	1291954	7/11/1989		M	0	3	404	1		LOST	25549	P	0
75	1308397	7/11/1989		M	0	3	404	1		LOST	25549	P	0
75	1289309	7/11/1989		M	0	3	404	1		LOST	25549	P	0
75	1308395	7/11/1989		D	1308396	3	404	1			25549		0
75	1308396	7/11/1989		D	1308395	3	404	1			25549		0
75	1289270	7/11/1989	10/16/1989		0	3	404	1		LUNCH ROOM	25549	P	0.7
75	1289274	7/11/1989	10/16/1989		0	3	404	1		LUNCH ROOM	25549	P	0.9
75	1289277	7/11/1989		M	0	0	404	1		LOST	25549	P	0

75	1289302	7/11/1989		M		0	0	404	1		LOST	25549	P		0
75	1292037	7/10/1989		M		0	0	469	0		LOST	25550	P		0
75	1289311	7/10/1989		M		0	0	469	0		LOST	25550	P		0
75	1289324	7/10/1989	10/17/1989			0	3	469	1	406		25550	P		0.6
75	1292057	7/10/1989	10/17/1989			0	3	469	1	404		25550	P		1.2
75	1292044	7/10/1989	10/17/1989	D	1292045		3	469	1	403		25550	P		1.1
75	1292045	7/10/1989	10/17/1989	D	1292044		3	469	1	403		25550	P		1
75	1289285	7/10/1989		M		0	0	469	0		LOST	25550	P		0
75	1289326	7/10/1989	10/17/1989			0	3	469	1	405		25550	P		2
75	1289279	7/11/1989		M		0	0	407	0		LOST	25550	P		0
75	1292036	7/11/1989	10/17/1989			0	3	407	1		LOCKER ROOM	25550	P		0.4
75	1292039	7/11/1989	10/17/1989			0	3	407	1		KITCHEN	25550	P		0.4
75	1292052	7/11/1989	10/17/1989			0	3	407	1		KITCHEN	25550	P		0.4
75	1292046	7/11/1989	10/17/1989			0	3	407	1		SERVING ROOM	25550	P		0.5
75	1289312	7/11/1989	10/17/1989			0	3	407	1		SERVING ROOM	25550	P		0.4
75	1292053	7/11/1989	10/19/1989			0	3	212	1		CONF. ROOM	25550	P		0.6
75	1292035	7/11/1989	10/19/1989			0	3	212	1		KITCHEN	25550	P		0.8
75	1289290	7/11/1989	10/17/1989			0	3	480	1		ADMIN. OFC.	25550	P		2.2
75	1289284	7/11/1989	10/17/1989	D	1292040		3	480	1	105		25550	P		1.3
75	1292040	7/11/1989		D	1289284		0	480	0		MISSING	25550	P		0
75	1292063	7/11/1989		M		0	0	405	0		LOST	25550	P		0
75	1289304	7/10/1989	10/19/1989			0	3	207	1		OFFICE	25551	P		0.8
75	1289305	7/10/1989	10/19/1989			0	3	207	1		MECH. ROOM	25551	P		0.6
75	1289282	7/10/1989	10/19/1989			0	3	207	1		MECH. ROOM	25551	P		0.6
75	1292058	7/10/1989	10/16/1989			0	3	242	1		DRAFTING	25551	P		0.7

75	1289271	7/10/1989		M		0	0	242	2		LOST	25551	P		0
75	1292032	7/10/1989		M		0	0	242	2		LOST	25551	P		0
75	1289281	7/10/1989		M		0	0	242	1		LOST	25551	P		0
75	1289265	7/10/1989	10/17/1989			0	3	469	1		CPO	25551	P		0.9
75	1289296	7/10/1989	10/17/1989			0	3	469	1	308		25551	P		1.1
75	1292034	7/10/1989	10/17/1989			0	3	469	1		KITCHEN	25551	P		1.1
75	1292050	7/10/1989	10/17/1989			0	3	469	1	104B		25551	P		1.1
75	1289283	7/10/1989	10/17/1989			0	3	469	1		ADMIN.	25551	P		2.1
75	1292042	7/10/1989		M		0	0	469	0		LOST	25551	P		0
75	1289258	7/10/1989	10/17/1989			0	3	469	1		CPO	25551	P		0.7
75	1292033	7/10/1989	10/17/1989	D	1289267		3	469	1		CPO	25551	P		0.6
75	1289267	7/10/1989	10/17/1989	D	1292033		3	469	1		CPO	25551	P		0.7
75	1292060	7/10/1989	10/17/1989			0	3	469	1		CPO	25551	P		0.3
75	1289322	7/10/1989	10/17/1989			0	3	469	1		CPO	25551	P		1.9
75	1292038	7/10/1989	10/17/1989			0	3	469	1		CPO	25551	P		0.9
75	1289269	7/10/1989	10/17/1989			0	3	469	1		CPO	25551	P		1
75	1289325	7/10/1989	10/25/1989			0	3	214	0		STORAGE ROOM	25553	P		0.6
75	1289286	7/10/1989	10/25/1989			0	3	214	1		OFFICE	25553	P		0.5
75	1292051	7/10/1989	10/25/1989			0	3	214	2		BAR ROOM	25553	P		0.4
75	1289273	7/10/1989	10/25/1989			0	3	214	1		BAR ROOM	25553	P		0.5
75	1289332	7/10/1989		M		0	0	214	0		LOST	25553	P		0
75	1289202	7/10/1989	10/25/1989			0	3	214	2		OFFICE	25553	P		0.6
75	1289262	7/10/1989	10/25/1989			0	3	214	0		KITCHEN	25553	P		0
75	1289297	7/10/1989		M		0	0	214	0		LOST	25553	P		0
75	1289288	7/10/1989	10/25/1989			0	3	214	1		BAR ROOM	25553	P		0.4
75	1289303	7/10/1989	10/25/1989			0	3	214	1		KITCHEN	25553	P		0.5
75	1292029	7/10/1989		M		0	0	214	0		LOST	25553	P		0
75	1289310	7/10/1989		M		0	0	231	0		LOST	25553	P		0
75	1289318	7/10/1989		M		0	0	231	0		LOST	25553	P		0

75	1289299	7/10/1989	10/17/1989		0	3	270	1	OFFICE	25553	P	0.4
75	1289317	7/10/1989	10/17/1989		0	3	270	1	STORAGE	25553	P	0.8
75	1289278	7/10/1989		M	0	0	208	0	LOST	25553	P	0
75	1282031	7/10/1989	10/26/1989		0	3	208	1	WAREHO USE	25553	P	0
75	1289307	7/10/1989		M	0	0	208	0	LOST	25553	P	0
75	1289289	7/10/1989	10/26/1989		0	3	208	1	WAREHO USE	25553	P	0.6
75	1289291	7/10/1989		M	0	0	207	0	LOST	25553	P	0
75	1392142	7/17/1989	10/19/1989		0	3	400	1	COAT ROOM	25566	P	0.5
75	1392099	7/17/1989	10/19/1989		0	3	400	1	DIRECTOR 'S ROOM	25566	P	0.6
75	1392184	7/17/1989	10/16/1989		0	3	400	1	HALL	25566	P	0.6
75	1392181	7/17/1989	10/19/1989	D	1392117	3	400	1	STAGE	25566	P	0.8
75	1392117	7/17/1989	10/19/1989	D	1392181	3	400	1	STAGE	25566	P	0.6
75	1392168	7/17/1989	10/19/1989		0	3	400	1	STAGE	25566	P	0.4
75	1392171	7/17/1989	10/19/1989		0	3	400	1	HALLWAY	25566	P	0.5
75	1392140	7/17/1989	10/16/1989		0	3	400	1	STAGE	25566	P	0.5
75	1392133	7/17/1989	10/16/1989		0	3	400	1	STAGE	25566	P	0.4
75	1392188	7/18/1989	10/26/1989		0	3	307	1	OFFICE	25566	P	0.7
75	1392146	7/18/1989	10/26/1989		0	3	307	1	KITCHEN	25566	P	1
75	1392176	7/18/1989	10/26/1989		0	3	307	1	OFFICE	25566	P	0.7
75	1392141	7/18/1989	10/26/1989		0	3	307	1	KITCHEN	25566	P	0.9
75	1392167	7/18/1989	10/18/1989	D	1392161	3	312	1	SHOP AREA	25566	P	0.7
75	1392161	7/18/1989	10/18/1989	D	1392167	3	312	1	STORAGE	25566	P	0.8
75	1392163	7/18/1989	10/18/1989		0	3	312	1	P M SHOP	25566	P	0.5
75	1392182	7/18/1989	10/18/1989		0	3	312	1	KITCHEN	25566	P	0.7
75	1392148	7/18/1989	10/18/1989		0	3	312	1	OFFICE	25566	P	0.7

75	1392132	7/18/1989	10/18/1989		0	3	312	1		WELDING SHOP	25566	P	0.8
75	1392169	7/17/1989	10/16/1989		0	3	400	1		ADMIN.	25566	P	0.5



AMA Analytical Services, Inc.
Focused On Results.



Chain of Custody: 346165
Client: HE Consulting
Address: 188 Southdown Road
Edgewater, MD 21037
Attention: Phil Haun

CERTIFICATE OF ANALYSIS

Job Name: Fort Myer
Job Location: 214 Jackson Avenue, Fort Myer, VA
Job Number: Bathrooms
P.O. Number: Not Provided

Date Submitted: 06/27/2023
Date Analyzed: 06/28/2023
Report Date: 06/28/2023
Date Sampled: 06/27/2023
Person Submitting: Justin Hensley

Bldg
214

Summary of Polarized Light Microscopy

AMA Sample Number	Client Sample Number	Total Asbestos	Chrysotile Percent	Amosite Percent	Crocidolite Percent	Other Asbestos Percent	Mineral Wool Percent	Fiberglass Percent	Organic Percent	Synthetic Percent	Other Percent	Particulate Percent	Sample Type	Sample Color	Homogeneity	Analyst ID	Comments
346165-1	01	NAD	--	--	--	--	--	--	10	--	--	90	DW	Multi	Layered	PC	
346165-2	02	NAD	--	--	--	--	--	--	--	--	--	100	MS	Yellow	Homogeneous	PC	
346165-3	03	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	PC	
346165-4	04	NAD	--	--	--	--	--	--	--	--	--	100	CMT	Multi	Layered	PC	
346165-5	05	NAD	--	--	--	--	--	--	10	--	--	90	DW	Multi	Layered	PC	
346165-6	06	NAD	--	--	--	--	--	--	--	--	--	100	Glue	Brown	Homogeneous	PC	
346165-7	07	NAD	--	--	--	--	--	--	--	--	--	100	Grout	Gray	Homogeneous	PC	
346165-8	08	NAD	--	--	--	--	--	--	--	--	--	100	CMT	Tan	Homogeneous	PC	
346165-9	09	NAD	--	--	--	--	--	--	--	--	--	100	MS	White	Homogeneous	PC	
346165-10	10	NAD	--	--	--	--	--	--	80	--	--	20	Paper	White	Homogeneous	PC	
346165-11	11	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	PC	
346165-12	12	NAD	--	--	--	--	--	--	10	--	--	90	DW	Multi	Layered	PC	
346165-13	13	NAD	--	--	--	--	--	--	10	--	--	90	DW	Multi	Layered	PC	
346165-14	14	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	PC	
346165-15	15	NAD	--	--	--	--	--	--	--	--	--	100	CMT	Multi	Layered	PC	
346165-16	16	NAD	--	--	--	--	--	--	--	--	--	100	MS	Yellow	Homogeneous	PC	
346165-17	17	NAD	--	--	--	--	--	--	10	--	--	90	DW	Multi	Layered	PC	
346165-18	18	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	PC	
346165-19	19	NAD	--	--	--	--	--	--	--	--	--	100	CMT	Multi	Layered	PC	
346165-20	20	NAD	--	--	--	--	--	--	--	--	--	100	CMT	Brown	Homogeneous	PC	
346165-21	21	NAD	--	--	--	--	--	--	--	--	--	100	Grout	Gray	Homogeneous	PC	
346165-22	22	NAD	--	--	--	--	--	--	--	--	--	100	PL	White	Homogeneous	PC	
346165-23	23	NAD	--	--	--	--	--	--	10	--	--	90	DW	Multi	Layered	PC	
346165-24	24	NAD	--	--	--	--	--	--	--	--	--	100	JC	White	Homogeneous	PC	



Chain of Custody: 346165
Client: HE Consulting
Address: 188 Southdown Road
Edgewater, MD 21037
Attention: Phil Haun

CERTIFICATE OF ANALYSIS

Job Name: Fort Myer
Job Location: 214 Jackson Avenue, Fort Myer, VA
Job Number: Bathrooms
P.O. Number: Not Provided
Date Submitted: 06/27/2023
Date Analyzed: 06/28/2023
Report Date: 06/28/2023
Date Sampled: 06/27/2023
Person Submitting: Justin Hensley

Summary of Polarized Light Microscopy

AMA Sample Number	Client Sample Number	Total Asbestos	Chrysotile Percent	Amosite Percent	Crocidolite Percent	Other Asbestos Percent	Mineral Wool Percent	Fiberglass Percent	Organic Percent	Synthetic Percent	Other Percent	Particulate Percent	Sample Type	Sample Color	Homogeneity	Analyst ID	Comments
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The following footnotes only apply to those samples which the total asbestos result is flagged with a note number.

¹ TEM RECOMMENDATION - Please note, due to resolution limitations with optical microscopy and/or interference from matrix components of this sample, results which are reported via PLM as negative or trace (<1%) for asbestos may contain a significant quantity of asbestos. It is recommended that the additional analytical technique of TEM be used to check for asbestos fibers below the resolution limits of optical microscopy.

² MATRIX REDUCTION RECOMMENDATION - Please note, due to interference from the matrix components of this sample, results which are reported via PLM as negative or trace (<1%) for asbestos may contain a significant quantity of asbestos which is obscured from view. It is recommended that the additional preparation technique of gravimetric reduction be performed on this sample to minimize the obscuring effects of matrix components, followed by reanalysis by PLM and/or TEM.

Analysis Method - EPA/600/R-93/116 dated July 1993

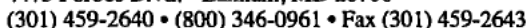
NAD = "No Asbestos Detected" TR = "Trace equals less than 1% of this component"

Uncertainty: For samples containing asbestos in range of 1-10% the CV is 0.43, 11-35% CV=0.55, >35 CV=0.23. All results are to be considered preliminary and subject to change unless signed by the Technical Director or Deputy.

Analyst(s): Peerawut Chaikenee

**Technical
Director** Michael Greenberg

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations, and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.



346165

*by submitting samples to AMA, you agree to abide by all of our terms & conditions. Please contact the laboratory at info@amalab.com for a copy of our Terms & Conditions.



RECORD OF DAILY ACTIVITY

Project: 214 Jackson Ave Fort Meyer Va

Project Location: Mens and Womens Broom

Project Number: Bathroom

HEC Personnel: Justin Hensley

Client: NA

Activity Date: 06/27/23

TIME LINE

	Womens 2nd Floor Broom
-01	Wall system; paper
-02	yellow mastic
-03	white compound
-04	Tile
-05	Brown layer (separate)
-06	Flooring system Gluedots
-07	in between tile (grout)
-08	Tile
-09	white mastic on wood
	Womens Changing area
-10	Wall paper
-11	white compound on paper
-12	Brown layer
-13	Ceiling paper
-14	Ceiling Brown layer
	Mens Bathroom
-15	Tile wall white all tiles appear to be similar color only
-16	yellow mastic wall
-17	Wall paper
-18	Brown layer
-19	Brown wall tile
-20	Brown tile floor
-21	Side grout
-22	white subfloor
-23	Ceiling paper
-24	ceiling brown coat

FINAL REVIEW: _____

**AmeriSci Richmond**

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

PLM Bulk Asbestos Report

HP ENVIRONMENTAL INC
Attn: Jason Edwards
104 Elden Street
Suite 11
Herndon, VA 20170

Date Received 10/27/22
Date Examined 10/27/22

AmeriSci Job # 122101960
P.O. #
Page 1 of 2

RE: Building 214

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
0001	122101960-01L1	No	NAD
Location: Floor Tile Building 214			(by CVES) by Eric H. Ahles on 10/27/22
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Floor Tile			
Asbestos Types:			
Other Material: Non-fibrous 100%			
0001	122101960-01L2	No	NAD
Location: Floor Tile Building 214			(by CVES) by Eric H. Ahles on 10/27/22
Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Leveling Compound/Mastic			
Asbestos Types:			
Other Material: Cellulose 3.0%, Non-fibrous 97%			
0002	122101960-02	No	NAD
Location: Floor Tile Building 214			(by CVES) by Eric H. Ahles on 10/27/22
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Floor Tile			
Asbestos Types:			
Other Material: Non-fibrous 100%			
0003	122101960-03	No	NAD
Location: Floor Tile Building 214			(by CVES) by Eric H. Ahles on 10/27/22
Analyst Description: Yellow/Gray, Heterogeneous, Non-Fibrous, Leveling Compound/Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100%			

Client Name: HP ENVIRONMENTAL INC

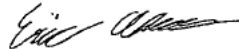
PLM Bulk Asbestos Report

Building 214

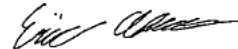
Reporting Notes:

Analyzed by: Eric H. Ahles

Date: 10/27/2022



Reviewed by: Eric H. Ahles



*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis using Meiji, Model MT 6130 microscope, Serial #1410298, by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.



HP ENVIRONMENTAL
INCORPORATED

Invoice For Services

Client Name & Address

Joint Base Myer-Henderson Hall
Attn: Mark Luckers
111 Stewart Road
Bldg. 321
Fort Myer, VA 22111
[REDACTED]

Invoice No. 220531

Page 1 of 1

Report N/A

Date Received 10/25/22

Date Invoiced 10/27/22

Numbers

Purchase Order No.

Proposal Number

Building 214

***All lab invoices are included in the Balance Due**

Tasks/Tests Performed	Units	Unit Price	Charge	Sum Total
Rush PLM Sample Analysis: Rpt. 122101960	4 Samples	\$40.00	\$160.00	\$160.00

Balance Due: \$160.00

Please make **checks** payable to: HP Environmental, Inc.



DEPARTMENT OF THE ARMY
JOINT BASE MYER - HENDERSON HALL
204 LEE AVENUE
FORT MYER, VIRGINIA 22211-1199

REPLY TO
ATTENTION OF

IMHH-SO

25 September 2014

MEMORANDUM FOR FAMILY AND MORALE, WELFARE AND RECREATION (FMWR)
ATTN: MR. MUDASSAR SYED

Subject: Lead-Based Paint Survey Results for Building 214 Jail Area

1. References:

- a. 29 CFR 1910.1001, *OSHA General Industry Regulation*
- b. AR 200-1, *Environmental Protection Enhancement*
- c. U.S. Department of Housing and Urban Development, *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*
- d. 40 CFR Part 745 Subpart L, *Lead-Based Paint Activities*

2. On 18 September 2014, the Installation Safety Office conducted a lead-based paint survey in the Building 214 Jail Area. The FMWR point of contact for the sampling request was Mr. Mudassar Syed, the Assistant Business Manager for the Fort Myers' Club. The samples were analyzed on site using an Innov-X Systems lead meter, serial number 11909. The meter was serviced in August 2014. The areas positive for lead-based paint were as follows:

Location	Paint Color	Results (mg/cm ²)	Positive/Negative ¹
Building 214 Jail Area Outer Wall	White/Tan	1.91	Positive
Building 214 Jail Area Metal Cells	White/Tan	2.01	Positive
Building 214 Jail Area Ceiling	White	>5.00	Positive

Note: 1. Lead-based paint is present on any surface that has been tested and found to contain lead equal to or in excess of 1.0 milligram per square centimeter; or equal to or in excess of 0.5% by weight.

3. Lead paint was found in the Jail Area of Building 214. The lead-based paint in the Jail Area was within the layers of white/tan paint found on the walls and metal cells. Additionally, the white paint on the ceiling of the Jail Area was lead-based. The Attachment provides pictures of the areas positive for lead paint. The lead-based paint in the Jail Area must be abated or appropriately encapsulated by personnel properly trained for working with lead-based paint. Appropriate personal protective equipment must be used when abating lead-based paint.

4. If you require additional information pertaining to this memorandum, please contact Mr. Christian Apsey in the Joint Base Myer-Henderson Hall Installation Safety Office at 703-696-3304.


CHRISTIAN M. APSEY
Industrial Hygienist


ADRAIN A. KENDRICK
Chief, Safety and Occupational Health

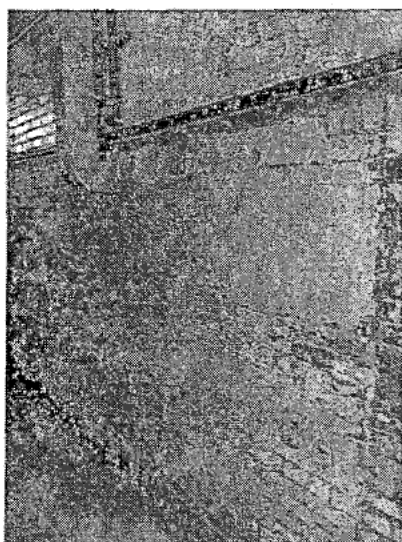
Attachment:

Pictures of Areas Positive for Lead-Based Paint

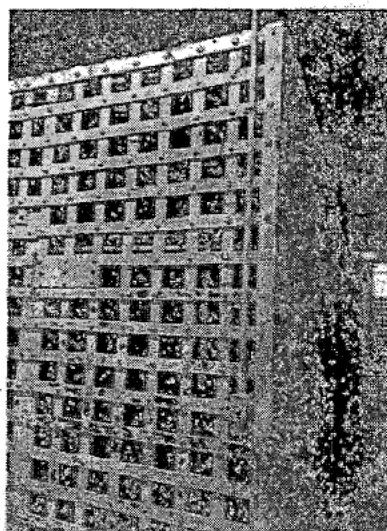
cc:

1. Joint Base Myer-Henderson Hall Environmental Management Division
2. Rader Clinic Occupational Health Department

ATTACHMENT: PICTURE OF AREAS POSITIVE FOR LEAD-BASED PAINT



White/Tan Paint on Outer Wall



White/Tan Paint on Metal Cells



White Paint on Ceiling

Washington Analytical Laboratory of Virginia, Inc.

Client: Military District of Washington **Job Origin:** Ft. Myer, Building 214
Attn: Don Lane (Call 282)
Directorate of Public Works
Safety, Occupational Health
and Environmental Division
Building 313, (ANPW-OH)
Ft. Myer
Arlington, VA 22211-5050 **Report #** 921199

Collected by: C. Georg	Date: 5/28/92	Analyzed by: S. B. Cambron	Date: 6/05/92
Delivered by: Airborne Express	Date: 6/01/92	Reviewed by: R. K. Simon, Ph.D.	Date: 6/08/92
Received by: M. Smith	Date: 6/01/92	Reported by: M. Smith	Date: 6/08/92

Sample #	Type	Sample Description	Lead
FM214052892-01A 921199-1	Bulk	Sample of paint on ceiling in storage area, first floor.	23.5 %
FM214052892-02A 921199-2	Bulk	Sample of paint on wall, first floor, storage area.	1.3 %
FM214052892-03A 921199-3	Bulk	Sample of paint on radiator, first floor storage area.	5.4 %

Washington Analytical Laboratory of Virginia, Inc.

Client Number		Report Number		Directorate of Public Works, MDW		Saf., Occ. Hth. & Env. Div. (ANPW-OH) Fort Myer, Arlington, VA 22211-5050	
Received in lab by		Date		Bldg. 313, ^{Client Name} Fort Myer, Arlington, VA 22211-5050		Location of survey	
Analyzed by		Date		Client Address		Building 214	
Reviewed by		Date		Collected by		Conditions	
Stored at		Date		Sent to lab by		Operations	
Stored by		Date		Sample type: Bulk ☒ Wipe ☐ Air ☐ Other ☐		Sampling media: Pb in Paint	

Sample #	WAL/VA Lab Acc#	Type	Pump #	LPM in/out	Time on/off	Total time	Liters	Fibers /cc	Location
Fm 214 052892 -01A								23.5	Sample of Paint on ceiling in storage area, 1ST floor
Fm 214 052892 -02A								1.3	Sample of Paint on wall, 1ST floor storage area
Fm 214 052892 -03A								5.4	Sample of Paint on radiator, 1ST floor storage area



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 7/10/00 **Report Number** 004152
Attn: Edna Barber
ANMY PW-V **Date Reported** 7/11/00 **Page 1 of 2**
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Fort Myer Building #214

1. **Client Sample No.:** FM214-070700-01 **HPE Sample No:** 004152-01
Sample Matrix: Paint **Date Collected:** 7/7/00
Sample Location: Sample of paint from ceiling in ladies bathroom on
2nd floor

Test Requested: Lead • NIOSH 7082m

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Lead	0.07	%	0.01

Date Analyzed: 7/10/00 **Analyst:** SunB. Cambron

2. **Client Sample No.:** FM214-070700-02 **HPE Sample No:** 004152-02
Sample Matrix: Paint **Date Collected:** 7/7/00
Sample Location: Sample of paint from ceiling in ladies lounge on 2nd
floor

Test Requested: Lead • NIOSH 7082m

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Lead	0.02	%	0.01

Date Analyzed: 7/10/00 **Analyst:** SunB. Cambron

3. **Client Sample No.:** FM214-070700-03 **HPE Sample No:** 004152-03
Sample Matrix: Paint **Date Collected:** 7/7/00
Sample Location: Sample of paint behind wallpaper in ladies room
lounge area, 2nd floor

Test Requested: Lead • NIOSH 7082m

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Lead	<0.01	%	0.01

Date Analyzed: 7/10/00 **Analyst:** SunB. Cambron

4. **Client Sample No.:** FM214-070700-04 **HPE Sample No:** 004152-04
Sample Matrix: Paint **Date Collected:** 7/7/00
Sample Location: Sample of paint from ceiling in men's room on 2nd
floor

Test Requested: Lead • NIOSH 7082m

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Lead	0.03	%	0.01

Date Analyzed: 7/10/00 **Analyst:** SunB. Cambron



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division	Date Received	7/10/00	Report Number 004152
Attn: Edna Barber			
ANMY PW-V	Date Reported	7/11/00	Page 2 of 2
Bldg. 313, Rm.4, Fort Myer			
Arlington, VA 22211-5050	Project Location	Fort Myer Building #214	

Reporting Notes:

R. Hugh Granger, Ph.D., CIH
Laboratory Director



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 7/10/00 **Report Number** 004152
Attn: Edna Barber
ARMY PW-V **Date Reported** 7/11/00 **Page 1 of 2**
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Fort Myer Building #214

CALL # 480

-
1. **Client Sample No.:** FM214-070700-01 **HPE Sample No:** 004152-01
Sample Matrix: Paint **Date Collected:** 7/7/00
Sample Location: Sample of paint from ceiling in ladies bathroom on 2nd floor
Test Requested: Lead • NIOSH 7082m
- | <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>POL</u> |
|----------------|---------------|--------------|------------|
| Lead | 0.07 | % | 0.01 |
- Date Analyzed:** 7/10/00 **Analyst:** SunB. Cambron
2. **Client Sample No.:** FM214-070700-02 **HPE Sample No:** 004152-02
Sample Matrix: Paint **Date Collected:** 7/7/00
Sample Location: Sample of paint from ceiling in ladies lounge on 2nd floor
Test Requested: Lead • NIOSH 7082m
- | <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>POL</u> |
|----------------|---------------|--------------|------------|
| Lead | 0.02 | % | 0.01 |
- Date Analyzed:** 7/10/00 **Analyst:** SunB. Cambron
3. **Client Sample No.:** FM214-070700-03 **HPE Sample No:** 004152-03
Sample Matrix: Paint **Date Collected:** 7/7/00
Sample Location: Sample of paint behind wallpaper in ladies room lounge area, 2nd floor
Test Requested: Lead • NIOSH 7082m
- | <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>POL</u> |
|----------------|---------------|--------------|------------|
| Lead | <0.01 | % | 0.01 |
- Date Analyzed:** 7/10/00 **Analyst:** SunB. Cambron
4. **Client Sample No.:** FM214-070700-04 **HPE Sample No:** 004152-04
Sample Matrix: Paint **Date Collected:** 7/7/00
Sample Location: Sample of paint from ceiling in men's room on 2nd floor
Test Requested: Lead • NIOSH 7082m
- | <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>POL</u> |
|----------------|---------------|--------------|------------|
| Lead | 0.03 | % | 0.01 |
- Date Analyzed:** 7/10/00 **Analyst:** SunB. Cambron

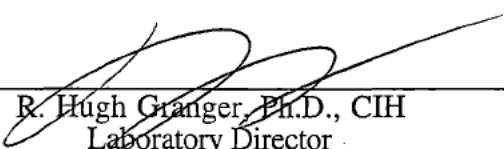


HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division	Date Received	7/10/00	Report Number 004152
Attn: Edna Barber			
ANMY PW-V	Date Reported	7/11/00	Page 2 of 2
Bldg. 313, Rm.4, Fort Myer			
Arlington, VA 22211-5050	Project Location	Fort Myer Building #214	

Reporting Notes:



R. Hugh Granger, Ph.D., CIH
Laboratory Director



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMHC/DPW Env. & Hygiene Division	Date Received	12/18/02	Report Number	026061
Attn: Kenny Gantt				
ANMY PW-V	Date Reported	12/18/02	Page	1 of 3
Bldg. 313, Rm.4, Fort Myer				
Arlington, VA 22211-5050	Project Location	Call #1161, Fort Myer 214, Basement Storage Room and Hallway		

1. Client Sample No.: FM21412170201 HPE Sample No: 026061-01
Sample Matrix: Paint Date Collected: 12/17/02
Sample Location: Basement storage room ceiling stone wall

Test Requested: Lead • NIOSH 7082m

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Lead	0.01	%	0.01

Date Analyzed: 12/18/02 **Analyst:** SunB. Bowling

2. **Client Sample No.:** FM21412170202 **HPE Sample No:** 026061-02
Sample Matrix: Paint **Date Collected:** 12/17/02
Sample Location: Basement storage room ceiling by stone wall corner

Test Requested: Lead • NIOSH 7082m

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Lead	0.01	%	0.01

Date Analyzed: 12/18/02 **Analyst:** SunB. Bowling

3. **Client Sample No.:** FM21412170203 **HPE Sample No:** 026061-03
Sample Matrix: Paint **Date Collected:** 12/17/02
Sample Location: Basement storage room ceiling by air handle (center)

Test Requested: Lead • NIOSH 7082m

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Lead	<0.01	%	0.01

Date Analyzed: 12/18/02 **Analyst:** SunB. Bowling

4. Client Sample No.: FM21412170204 HPE Sample No: 026061-04
Sample Matrix: Paint Date Collected: 12/17/02
Sample Location: Basement storage room ceiling by air handle unit

Test Requested: Lead • NIOSH 7082m

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Lead	<0.01	%	0.01

Date Analyzed: 12/18/02 **Analyst:** SunB. Bowling



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMHC/DPW Env. & Hygiene Division	Date Received	12/18/02	Report Number	026061
Attn: Kenny Gantt				
ANMY PW-V	Date Reported	12/18/02	Page	2 of 3
Bldg. 313, Rm.4, Fort Myer				
Arlington, VA 22211-5050	Project Location	Call #1161, Fort Myer 214, Basement Storage Room and Hallway		

5. Client Sample No.: FM21412170205 HPE Sample No: 026061-05
Sample Matrix: Paint Date Collected: 12/17/02
Sample Location: Basement storage room office ceiling

Test Requested: Lead • NIOSH 7082m

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Lead	<0.01	%	0.01

Date Analyzed: 12/18/02 **Analyst:** SunB. Bowling

6. Client Sample No.: FM21412170206 HPE Sample No: 026061-06
Sample Matrix: Paint Date Collected: 12/17/02
Sample Location: Basement storage room office by door (ceiling)

Test Requested: Lead • NIOSH 7082m

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Lead	<0.01	%	0.01

Date Analyzed: 12/18/02 **Analyst:** SunB. Bowling

7. **Client Sample No.:** FM21412170207 **HPE Sample No:** 026061-07
Sample Matrix: Paint **Date Collected:** 12/17/02
Sample Location: Basement hallway ceiling center by storage room door

Test Requested: Lead • NIOSH 7082m

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Lead	<0.01	%	0.01

Date Analyzed: 12/18/02 **Analyst:** SunB. Bowling

8. Client Sample No.: FM21412170208 HPE Sample No: 026061-08
Sample Matrix: Paint Date Collected: 12/17/02
Sample Location: Basement hallway ceiling corner

Test Requested: Lead • NIOSH 7082m

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Lead	<0.01	%	0.01

Date Analyzed: 12/18/02 **Analyst:** SunB. Bowling

104 Elden Street
Herndon, Virginia 22070

Phone: 703 • 471-4200
Facsimile: 703 • 471-0020



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division	Date Received	12/18/02	Report Number	026061
Attn: Kenny Gantt	Date Reported	12/18/02	Page	3 of 3
ANMY PW-V	Project Location	Call #1161, Fort Myer 214, Basement Storage Room and Hallway		
Bldg. 313, Rm.4, Fort Myer				
Arlington, VA 22211-5050				

9. Client Sample No.: FM21412170209 HPE Sample No: 026061-09
Sample Matrix: Paint Date Collected: 12/17/02
Sample Location: Basement hallway ceiling doorway to employee locker room

Test Requested: Lead • NIOSH 7082m

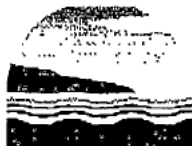
Analyte	Result	Units	POL
Lead	<0.01	%	0.01

Date Analyzed: 12/18/02 Analyst: SunB. Bowling

Reporting Notes:

R. Hugh Granger, Ph.D., CIH
Laboratory Director

104 Elden Street
Herndon, Virginia 20170



Phone: 703 • 471-4200
Facsimile: 703 • 471-0020
www.hpenviron.com

Report Number: 93036

H P ENVIRONMENTAL
INCORPORATED

Page 1 of 2

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division
Attn: Dennis Knizner
ANMY PW-V Bldg. 313, Rm. 4
Fort Myer
Arlington, VA 22211-5050

Date Received: 01/19/09
Date Reported: 01/27/09
Project Location: Bldg 214, Koran Room

1. Client Sample No.: MYR214KR01 HPE Sample Number: 93036-01
Sample Matrix: Paint Date Collected: 01/15/09
Sample Location: Yellow paint, right wall from entrance beside kitchen

Metals by ICP - Lead

Preparation Method: EPA 3050
Analysis Method: EPA 6010

Date Prepared: 01/26/09
Date Analyzed: 01/27/09 Container Tested: Glass/unpreserved

Analyte	Result	Units	Reporting Limit	Qualifier
Lead	< 0.01	%	0.01	U

2. Client Sample No.: MYR214KR02 HPE Sample Number: 93036-02
Sample Matrix: Paint Date Collected: 01/15/09
Sample Location: Yellow paint, opposit wall from entrance at north end of room beside emergency exit

Metals by ICP - Lead

Preparation Method: EPA 3050
Analysis Method: EPA 6010

Date Prepared: 01/26/09
Date Analyzed: 01/27/09 Container Tested: Glass/unpreserved

Analyte	Result	Units	Reporting Limit	Qualifier
Lead	< 0.02	%	0.02	U

3. Client Sample No.: MYR214KR03 HPE Sample Number: 93036-03
Sample Matrix: Paint Date Collected: 01/15/09
Sample Location: White paint, baseboard on right wall from entrance beside kitchen

Metals by ICP - Lead

Preparation Method: EPA 3050
Analysis Method: EPA 6010

Date Prepared: 01/26/09
Date Analyzed: 01/27/09 Container Tested: Glass/unpreserved

Analyte	Result	Units	Reporting Limit	Qualifier
Lead	< 0.01	%	0.01	U

4. Client Sample No.: MYR214KR04 HPE Sample Number: 93036-04
Sample Matrix: Paint Date Collected: 01/15/09
Sample Location: White paint, baseboard on opposite wall from entrance at north end of room beside emereg. exit

Metals by ICP - Lead

Preparation Method: EPA 3050
Analysis Method: EPA 6010

Date Prepared: 01/26/09
Date Analyzed: 01/27/09 Container Tested: Glass/unpreserved

Analyte	Result	Units	Reporting Limit	Qualifier
Lead	< 0.02	%	0.02	U



DEPARTMENT OF THE ARMY
JOINT BASE MYER - HENDERSON HALL
204 LEE AVENUE
FORT MYER, VIRGINIA 22211-1199

REPLY TO
ATTENTION OF

IMHH-SO

30 September 2013

MEMORANDUM FOR DIRECTORATE OF PUBLIC WORKS

Subject: Asbestos Sampling Results for Joint Base Myer-Henderson Hall [REDACTED]
Building 214

1. References:

- a. 29 CFR 1926.1101, *Asbestos*
- b. DA PAM 40-513, *Occupational and Environmental Health Guidelines for the Evaluation and Control of Asbestos Exposure*

2. On 26 September 2013, Mr. Mike Smith from the Directorate of Public Works collected a sample to determine if building material contained asbestos. The sample was collected from the first floor coat check room of Building 214 and consisted of tan floor tile and black mastic. The sample was sent to AmeriSci Richmond for analysis. The results were as follows:

Client Sample ID	Location/Material Sampled	Laboratory Results
13B214001	First Floor Coat Check Room/ Black Mastic	No Asbestos Detected
13B214002	First Floor Coat Check Room/ Tan Floor Tile	5% Asbestos

3. Discussion:

- a. The black mastic sample is not considered asbestos containing material IAW 29 CFR 1926.1101.
- b. The tan floor tile is considered asbestos containing material IAW 29 CFR 1926.1101. An asbestos abatement plan and proper certification for abatement personnel is required if work is to be carried out on the tan floor tile. The tan floor tile does not pose a risk for airborne fiber exposure as long as the material is not disturbed or worked on (cut, sanded or drilled). Occupants must be notified of the results of this survey.

4. If you require additional information pertaining to this memorandum, please contact the Joint Base Myer-Henderson Hall Installation Safety Office at 703-696-6996.

Christian M. Apsey
CHRISTIAN M. APSEY
Industrial Hygienist

2 Attachments:

1. PLM Bulk Asbestos Report
2. HPE Chain of Custody



**AmeriSci Richmond**

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

PLM Bulk Asbestos Report

HP ENVIRONMENTAL, INC.
Attn: Jason Edwards
104 Elden Street
Suite 11
Herndon, VA 20170

Date Received 09/27/13

Date Examined 09/29/13

AmeriSci Job # 113092070

P.O. #

Page 1 of 1

RE: Ft Myer Bldg 214

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
13B214001	113092070-01	No	NAD
Location: Ft Myer Bldg 214 - 1st Floor Coat Room Black Mastic Under Tan Floor Tile			(by CVES) by J. Samuel Baird on 09/29/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
13B214002	113092070-02	Yes	5 %
Location: Ft Myer Bldg 214 - 1st Floor Coat Room Tan Floor Tile			(by CVES) by J. Samuel Baird on 09/29/13
Analyst Description: Tan/Brown, Heterogeneous, Non-Fibrous, Floor Tile			
Asbestos Types: Chrysotile 5.0 %			
Other Material: Non-fibrous 95 %			

Reporting Notes:

Analyzed by: J. Samuel Baird

Date

9/29/13

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

Reviewed By: _____

HPE

HP ENVIRONMENTAL
INCORPORATED

134334

Test Request Form

Page ____ of ____

CLIENT NAME Joint Base Myer - Henderson Hall	RPT. NO.	FOR LABORATORY USE ONLY REF. NO. 65749
ADDRESS 204 Fort Lee Avenue, Bldg 59 Rm 219	RECEIVED BY: Brendy Herrera	DATE 9/26/2013
Ft Myer, VA 22211	ANALYZED BY:	DATE
	REVIEWED BY:	DATE

PLEASE TYPE OR PRESS HARD WITH BALL POINT PEN.

P.O. # / CONTRACT # / CALL # / JOB #	CONTACT PERSON	COLLECTED BY: Christian Apsey	DATE 26 September 2013
PROJECT LOCATION Ft Myer Bldg 214		SUBMITTED BY: Christian Apsey	DATE 26 September 2013
TEST(S) REQUESTED OR TEST CODES (NOTE WITH EACH SAMPLE IF NECESSARY) Asbestos PLM	TOTAL NUMBER OF SAMPLES 2	MODE OF SHIPMENT	
☒ ROUTINE ☐ RUSH ☐ FAX ☐ PHONE		DESCRIBE THE PACKAGE OR SAMPLES Bulk	

SAMPLE NO.	TYPE	SAMPLE LOCATION & REMARKS	VOLUME / AREA			
NO. 01 13B214001	Bulk	Ft Myer Bldg 214 - 1 st Floor Coat Room	FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:		Black Mastic under Tan Floor Tile	LITERS OR AREA			
NO. 02 13B214002	Bulk	Ft Myer Bldg 214 - 1 st Floor Coat Room	FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:		Tan Floor Tile	LITERS OR AREA			
NO. 03			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 04			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 05			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 06			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 07			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 08			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 09			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 10			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 11			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 12			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			

**AmeriSci Richmond**

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

PLM Bulk Asbestos Report

HP ENVIRONMENTAL, INC.
Attn: Brent Sharrer
104 Elden Street
Suite 11
Herndon, VA 20170

Date Received 10/25/12

Date Examined 10/25/12

RE: Bldg 313

AmeriSci Job # 112101819

P.O. #

Page 1 of 2

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
MY31301 Location: Carpet Mastic - 1st Floor Mastic Specific Analyst Description: Cream, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	112101819-01	No	NAD (by CVES) by William M. Dunstan on 10/25/12
MY31302 Location: Carpet Mastic - 1st Floor Estimator Area Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	112101819-02	No	NAD (by CVES) by William M. Dunstan on 10/25/12
MY31303 Location: Carpet Mastic - 1st Floor Estimator Area Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	112101819-03	No	NAD (by CVES) by William M. Dunstan on 10/25/12
MY31304 Location: Carpet Mastic - 2nd Floor USACE Office Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	112101819-04	No	NAD (by CVES) by William M. Dunstan on 10/25/12
MY31305 Location: Carpet Mastic - 2nd Floor USACE Office - Carpet Tile Analyst Description: Green, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	112101819-05	No	NAD (by CVES) by William M. Dunstan on 10/25/12

See Reporting notes on last page

**AmeriSci Richmond**

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

PLM Bulk Asbestos Report

HP ENVIRONMENTAL, INC.

Attn: Brent Sharrer

104 Elden Street

Suite 11

Herndon, VA 20170

Date Received 11/02/11

Date Examined 11/02/11

AmeriSci Job # 111111058

P.O. #

Page 1 of 1

RE: Bldg 214, 2nd Floor Kitchen Prep Room

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
M4214001	111111058-01.1	No	NAD
Location: Bldg 214; 2nd Floor Kitchen Prep Room 4x4 Section Ceiling Over Table			(by CVES) by Jean L. Mayes on 11/02/11
Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
M4214001	111111058-01.2	No	NAD
Location: Bldg 214; 2nd Floor Kitchen Prep Room 4x4 Section Ceiling Over Table			(by CVES) by Jean L. Mayes on 11/02/11
Analyst Description: Tan, Heterogeneous, Non-Fibrous, Base Coat (Plaster)			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

Reporting Notes:

Analyzed by: Jean L. Mayes

Date 11/2/11

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

Reviewed By: _____



HP ENVIRONMENTAL
INCORPORATED

Page 1 of 1

Report Number: 115109

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division
Attn: Mary Thomas
204 Lee Ave, Bldg 59, Rm219
Fort Myer, VA 22211

Date Received: 11/01/11
Date Reported: 11/04/11
Project Location: Bldg 214, 2nd Floor

1. Client Sample No: M4 400 002 & 3
Sample Matrix: Water
Sample Location: Bldg 400

HPE Sample No.: 115109-01
Date Collected: 11/01/11

Test Requested: TPH - Diesel Range Organics
Preparation Method: EPA 3510
Analysis Method: EPA 8015

Date Prepared: 11/02/11
Date Analyzed: 11/02/11

Analyte	Result	Units	Reporting Limit	Qualifier
TPH - DRO	< 0.5	mg/L	0.5	U

Test Requested: Total Suspended Solids
Analysis Method: EPA 160.2

Date Analyzed: 11/02/11

Analyte	Result	Units	Reporting Limit	Qualifier
TSS	< 1.0	mg/L	1.0	U

JP

Approved by

11/04/11

Date

Analyte Qualifier Codes

- U = Analyte was not detected
- J = Analyte detected below reporting limit (estimated value)
- D = Analyte reported from a sample dilution
- B = Analyte was detected in the corresponding method blank

104 Elden Street, Suite 11
Herndon, Virginia 20170



Phone: 703 • 471-4200
Facsimile: 703 • 471-0020

HP ENVIRONMENTAL
INCORPORATED

115109

Test Request Form

Page 1 of 1

CLIENT NAME JBMHH SAFETY	REP NO. Valencia	FOR LABORATORY USE ONLY REF NO. 55985
ADDRESS 204 LEE AVE Bldg 59 Rm 219	RECEIVED BY Valencia	DATE 11/1/11
JBMHH, VA. 22211	ANALYZED BY	DATE
PHONE (XXX) XXX-XXXX 703-471-0114	REVIEWED BY	DATE

PLEASE TYPE OR PRESS HARD WITH BALL POINT PEN.

PO.#/CONTRACT#/CALL#/JOB#	CONTACT PERSON MARY THOMAS	COLLECTED BY MARY THOMAS	DATE 11/01/2011
PROJECT LOCATION Bldg 214, 2nd Floor Kitchen Prep Room	SUBMITTED BY MARY THOMAS	DATE 11/01/2011	
TEST(S) REQUESTED OR TEST CODES (NOTE WITH EACH SAMPLE IF NECESSARY)		TOTAL NUMBER OF SAMPLES 1	MODE OF SHIPMENT USPS
☒ ROUTINE ☐ RUSH ☐ FAX ☐ PHONE		DESCRIBE THE PACKAGE OR SAMPLES BULK ASBESTOS	

SAMPLE NO.	TYPE	SAMPLE LOCATION & REMARKS	VOLUME / AREA			
NO. 01 m4214 001		Bldg 214, 2nd Floor Kitchen Prep Room	FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:		4x4 SECTION CEILING OVER TABLE	LITERS OR AREA			
NO. 02 m4400 002	TSS	Bldg 400	FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 03 m4400 003	TPH	Bldg 400	FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 04			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 05			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 06			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 07			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 08			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 09			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 10			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 11			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 12			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			

TERMS & FORM INSTRUCTIONS ARE LISTED ON THE BACK

RETAIN THE LAST (PINK) COPY FOR YOUR RECORDS.

SUBMIT THE WHITE & YELLOW COPIES TO THE



HP ENVIRONMENTAL
INCORPORATED

January 22, 2009

Fort Myer Military Community
Bldg. 313, Rm. 4
106 Stewart Road
Fort Myer, VA 22211

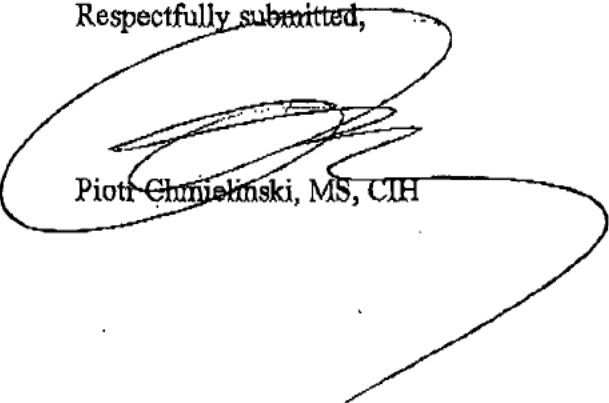
Re: Results of Asbestos Bulk Samples – Building 214

Dear Ms. Lokey-Flipppo,

At your request, HP Environmental, Inc. (HPE) had the six (6) samples you submitted to our office analyzed for asbestos via Polarized Light Microscopy. The certificate of laboratory analysis, which outlines the analytical results for each sample, is attached.

Please call our office (703-471-4200) if you have any questions.

Respectfully submitted,



Piotr Chmielewski, MS, CIH

Laboratories & Consultants

104 Elden Street
Herndon, Virginia 20170

Industrial Hygiene • Toxicology • Environmental Sciences

Phone: 703-471-4200
Facsimile: 703-471-0020

104 Elden Street
Herndon, Virginia 20170



Phone: 703 • 471-4200
Facsimile: 703 • 471-0020
www.hpenvironment.com

Report Number: 93036

HP ENVIRONMENTAL
INCORPORATED

Page 2 of 2

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division
Attn: Dennis Knizner
ARMY PW-V Bldg. 313, Rm. 4
Fort Myer
Arlington, VA 22211-5050

Date Received: 01/19/09
Date Reported: 01/27/09
Project Location: Bldg 214, Koran Room

Report Notes:

U U = Compound was not detected

John Pfaff, MS
Laboratory Director, Environ. & IH Chemistry

AMERISCI**AmeriSci Richmond**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**PLM Bulk Asbestos Report**HP ENVIRONMENTAL, INC.
Attn: Jana Schroeder
104 Elden Street
Herndon, VA 22070

Date Received 01/21/09

Date Examined 01/22/09

AmeriSci Job # 109011492

P.O. #

Page 1 of 2

RE: Bldg 214

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
MYR214KR05	109011492-01	No	NAD ¹
Location: Yellow Ceiling, North Wall With Set-In Track Lighting			(by CVES) by C. David Mintz on 01/22/09
Analyst Description: Yellow - White, Heterogeneous, Non-Fibrous, Core Sample			
Asbestos Types:			
Other Material: Cellulose 2 %, Non-fibrous 98 %			
MYR214KR06	109011492-02	No	NAD ¹
Location: Yellow Ceiling, West Wall Corner			(by CVES) by C. David Mintz on 01/22/09
Analyst Description: Yellow - White, Heterogeneous, Non-Fibrous, Core Sample			
Asbestos Types:			
Other Material: Cellulose Trace, Non-fibrous 100 %			
MYR214KR07	109011492-03	No	NAD
Location: Yellow Ceiling, East Wall Beside Kitchen Entrance			(by CVES) by C. David Mintz on 01/22/09
Analyst Description: Yellow - White, Heterogeneous, Non-Fibrous, Core Sample			
Asbestos Types:			
Other Material: Cellulose Trace, Non-fibrous 100 %			
MYR214KR08	109011492-04	No	NAD
Location: Yellow Drywall, East Wall Beside Kitchen Entrance			(by CVES) by C. David Mintz on 01/22/09
Analyst Description: Yellow - White, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 4 %, Non-fibrous 96 %			
MYR214KR09	109011492-05	No	NAD
Location: Yellow Drywall, West Wall, North End Beside Emergency Exit			(by CVES) by C. David Mintz on 01/22/09
Analyst Description: Yellow & White & Brown, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 8 %, Non-fibrous 92 %			

See Reporting notes on last page

AmeriSci Job #: 109011492

Page 2 of 2

Client Name: HP ENVIRONMENTAL, INC.

PLM Bulk Asbestos Report

Bldg 214

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
MYR214KR10	109011492-06	No	NAD
Location: Mastlo Underneath Carpet, Northwest Corner Beside Emergency Exit			(by CVES) by C. David Mintz on 01/22/09
Analyst Description: Lt. Green, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 2 %, Synthetic fibers 4 %, Non-fibrous 94 %			

Reporting Notes:

(1) Insufficient material submitted for accurate quantitation during PLM analysis (no QC possible).

Analyzed by: C. David Mintz

Date

1/22/09

"NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis by EPA 800/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples (198.6 for NOB samples)(NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2608; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 69, 148, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: _____

01/22/2009 13:56 8047631800

AMERISCI

PAGE 03/03

104 Elden Street
Herndon, Virginia 20170Phone: 703 • 471-4200
Facsimile: 703 • 471-0020

HPE ENVIRONMENTAL INC.

HPE

109011492

CONTACT PERSON: JANA SCHROEDER

HPE ENVIRONMENTAL
INCORPORATED

Test Request Form

Page ____ of ____

CLIENT NAME LAURA LOKEY-FLIPPO	RPT. NO.	REF. NO. 47578
ADDRESS 106 STEWART RD. BLDG 313, RM 4	RECEIVED BY	DATE
FT MYER, VA 22211	ANALYZED BY	DATE
	REVIEWED BY	DATE
PLEASE TYPE OR PRESS HARD WITH BALL POINT PEN.		
AG. # / CONTRACT # / CALL # / JOB #	CONTACT PERSON	COLLECTED BY: Mark Luckers DATE 15 Jan 09
PROJECT LOCATION BLDG 214	SUBMITTED BY: Laura Lokay-Flippo	DATE 15 Jan 09
TEST(S) REQUESTED OR TEST CODES (NOTE WITH EACH SAMPLE IF NECESSARY) Asbestos, Bulk	TOTAL NUMBER OF SAMPLES 6	MODE OF SHIPMENT
☒ ROUTINE ☐ RUSH	☒ FAX ☐ PHONE	DESCRIBE THE PACKAGE OR SAMPLES Tubes

SAMPLE NO.	TYPE	SAMPLE LOCATION & REMARKS	VOLUME / AREA			
			FLOW	TIME ON	FLOW	TIME OFF
NO. 01 MYR214KR05		Yellow ceiling, North wall with set-in track lighting				
TEST CODE:			LITERS OR AREA			
NO. 02 MYR214KR06		Yellow ceiling, west wall corner beside entrance				
TEST CODE:			LITERS OR AREA			
NO. 03 MYR214KR07		Yellow ceiling, east wall beside kitchen entrance				
TEST CODE:			LITERS OR AREA			
NO. 04 MYR214KR08		Yellow drywall, east wall beside kitchen entrance				
TEST CODE:			LITERS OR AREA			
NO. 05 MYR214KR09		Yellow drywall, west wall, north end beside emergency exit				
TEST CODE:			LITERS OR AREA			
NO. 06 MYR214KR10		Mastic underneath carpet, north west corner beside emergency exit				
TEST CODE:			LITERS OR AREA			
NO. 07						
TEST CODE:			LITERS OR AREA			
NO. 08						
TEST CODE:			LITERS OR AREA			
NO. 09						
TEST CODE:			LITERS OR AREA			
NO. 10						
TEST CODE:			LITERS OR AREA			
NO. 11						
TEST CODE:			LITERS OR AREA			
NO. 12						
TEST CODE:			LITERS OR AREA			

RECEIVED
JAN 21 2009

**Private and Confidential**

-- The following pages contain an important facsimile transmission --

Number of pages to be transmitted (including cover sheet): 5

INSTRUCTIONS - The following transmission contains very important information intended for the person to whom this transmission is addressed. Please contact that person as soon as possible and notify them of the receipt of this facsimile message. If any problem with the transmission is noted or if the addressee does not receive facsimile transmissions at your location, please notify HP Environmental as soon as possible (800-466-0508). Thank you.

TRANSMISSION ADDRESSED TO:	Laura Lokey-Flippo
COMPANY'S NAME & NUMBER:	Fort Myer Military Community Department Bldg. 313, Rm. 4 106 Stewart Road Fort Myer, VA 22211
FAX:	(703)696-2185
TRANSMISSION ORIGINATOR:	Jana Schroeder
ORIGINATING COMPANY:	HP Environmental, Inc.
TRANSMISSION DATE:	Thursday, January 22, 2009

Message:



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 1/20/03 **Report Number** 033102
Attn: Kenny Gantt
ANMY PW-V **Date Reported** 1/20/03 **Page** 1 of 1
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Call #1175. Ft. Myer Bldg. 214 O/C Mech
Rm. air handler

1. Client Sample No.: FM214011903-01 **HPE Sample No:** 033102-01
Sample Matrix: Air (1560 liters) **Date Collected:** 1/19/03
Sample Location: Final clearance #1, close to micro trap

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 1/20/03 **Analyst:** SunB. Bowling **See Footnote:** 1

2. Client Sample No.: FM214011903-02 **HPE Sample No:** 033102-02
Sample Matrix: Air (1560 liters) **Date Collected:** 1/19/03
Sample Location: Final clearance #2, next to enter

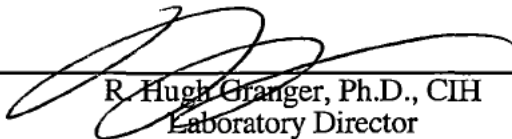
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 1/20/03 **Analyst:** SunB. Bowling **See Footnote:** 1

Reporting Notes:

(1) NFO = No observable fibers per 100 fields analyzed.


R. Hugh Granger, Ph.D., CIH
Laboratory Director



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 1/20/03 **Report Number** 033106
Attn: Kenny Gantt
ANMY PW-V **Date Reported** 2/4/03 **Page** 1 of 2
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Call #1174, Ft. Myer, Bldg 214 o/c Mech.
Rm, Air Handler

1. Client Sample No.: FM214011803-01 **HPE Sample No:** 033106-01
Sample Matrix: Air (467 liters) **Date Collected:** 1/18/03
Sample Location: Personal on Dan Hilgeman while removing apm mudded elbows and fiberglass insulation
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	<.007	f/cc	.007

Date Analyzed: 2/4/03 **Analyst:** SunB. Bowling **See Footnote:** 1

2. Client Sample No.: FM214011803-02 **HPE Sample No:** 033106-02
Sample Matrix: Air (467 liters) **Date Collected:** 1/18/03
Sample Location: Personal on James Whyte wetting down and bagging acm and fiberglass insulation
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	<.007	f/cc	.007

Date Analyzed: 2/4/03 **Analyst:** SunB. Bowling **See Footnote:** 1

3. Client Sample No.: FM214011803-03 **HPE Sample No:** 033106-03
Sample Matrix: Air (552 liters) **Date Collected:** 1/18/03
Sample Location: Decon, clean room
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.006

Date Analyzed: 2/4/03 **Analyst:** SunB. Bowling **See Footnote:** 1

4. Client Sample No.: FM214011803-04 **HPE Sample No:** 033106-04
Sample Matrix: Air (455 liters) **Date Collected:** 1/18/03
Sample Location: Microtrap exhaust tub bin end.
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.008

Date Analyzed: 2/4/03 **Analyst:** SunB. Bowling **See Footnote:** 1



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 1/20/03 **Report Number** 033106
Attn: Kenny Gantt
ANMY PW-V **Date Reported** 2/4/03 **Page** 2 of 2
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Call #1174, Ft. Myer, Bldg 214 o/c Mech.
Rm, Air Handler

5. Client Sample No.: FM214011803-05 **HPE Sample No:** 033106-05
Sample Matrix: Air (509 liters) **Date Collected:** 1/18/03
Sample Location: Area Pump #1, located at dressing area

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.007

Date Analyzed: 2/4/03 **Analyst:** SunB. Bowling **See Footnote: 1**

6. Client Sample No.: FM214011803-06 **HPE Sample No:** 033106-06
Sample Matrix: Air (466 liters) **Date Collected:** 1/18/03
Sample Location: Area pump #2 located at front of Decon. entrance

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	<.007	f/cc	.007

Date Analyzed: 2/4/03 **Analyst:** SunB. Bowling **See Footnote: 1**

7. Client Sample No.: FM214011803-07 **HPE Sample No:** 033106-07
Sample Matrix: Air (466 liters) **Date Collected:** 1/18/03
Sample Location: Area pump #3 located at hallway outside of regulated area

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.007

Date Analyzed: 2/4/03 **Analyst:** SunB. Bowling **See Footnote: 1**

Reporting Notes:

(1) NFO = No observable fibers per 100 fields analyzed.



R. Hugh Granger, Ph.D., CIH
Laboratory Director



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 1/20/03 **Report Number** 033102
Attn: Kenny Gantt
ANMY PW-V **Date Reported** 1/20/03 **Page** 1 of 1
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Call #1175. Ft. Myer Bldg. 214 O/C Mech
Rm. air handler

1. Client Sample No.: FM214011903-01 **HPE Sample No:** 033102-01
Sample Matrix: Air (1560 liters) **Date Collected:** 1/19/03
Sample Location: Final clearance #1, close to micro trap

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 1/20/03 **Analyst:** SunB. Bowling **See Footnote:** 1

2. Client Sample No.: FM214011903-02 **HPE Sample No:** 033102-02
Sample Matrix: Air (1560 liters) **Date Collected:** 1/19/03
Sample Location: Final clearance #2, next to enter

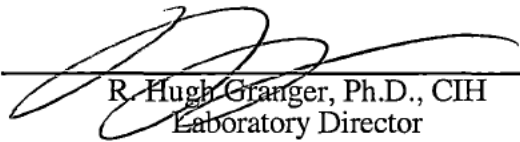
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 1/20/03 **Analyst:** SunB. Bowling **See Footnote:** 1

Reporting Notes:

(1) NFO = No observable fibers per 100 fields analyzed.



R. Hugh Granger, Ph.D., CIH
Laboratory Director



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 1/20/03 **Report Number** 033106
Attn: Kenny Gantt
ANMY PW-V **Date Reported** 2/4/03 **Page** 1 of 2
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Call #1174, Ft. Myer, Bldg 214 o/c Mech.
Rm, Air Handler

1. Client Sample No.: FM214011803-01 **HPE Sample No:** 033106-01
Sample Matrix: Air (467 liters) **Date Collected:** 1/18/03
Sample Location: Personal on Dan Hilgeman while removing apm mudded elbows and fiberglass insulation
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	<.007	f/cc	.007

Date Analyzed: 2/4/03 **Analyst:** SunB. Bowling **See Footnote:** 1

2. Client Sample No.: FM214011803-02 **HPE Sample No:** 033106-02
Sample Matrix: Air (467 liters) **Date Collected:** 1/18/03
Sample Location: Personal on James Whyte wetting down and bagging acm and fiberglass insulation
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	<.007	f/cc	.007

Date Analyzed: 2/4/03 **Analyst:** SunB. Bowling **See Footnote:** 1

3. Client Sample No.: FM214011803-03 **HPE Sample No:** 033106-03
Sample Matrix: Air (552 liters) **Date Collected:** 1/18/03
Sample Location: Decon, clean room
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.006

Date Analyzed: 2/4/03 **Analyst:** SunB. Bowling **See Footnote:** 1

4. Client Sample No.: FM214011803-04 **HPE Sample No:** 033106-04
Sample Matrix: Air (455 liters) **Date Collected:** 1/18/03
Sample Location: Microtrap exhaust tub bin end.
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.008

Date Analyzed: 2/4/03 **Analyst:** SunB. Bowling **See Footnote:** 1

104 Elden Street
Herndon, Virginia 22070



HP ENVIRONMENTAL
INCORPORATED

Phone: 703 • 471-4200
Facsimile: 703 • 471-0020

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division	Date Received	8/8/03	Report Number	034451
Attn: Kenny Gantt	Date Reported	8/12/03	Page	1 of 2
ANMY PW-V	Project Location	Call # 1318, Ft. Myer, Bldg 214, Lamplighter Lounge		
Bldg. 313, Rm.4, Fort Myer				
Arlington, VA 22211-5050				

Sample No.	Lab No.	Asbestos Present	Percentage
FM-214073103-01	034451-01	Yes	>1-5 %
Location: Lamplighter Lounge, floor mastic, left far corner			
Description: Black, Homogeneous, Non-Friable, Fibrous, Mastic Chrysotile >1-5 % Misc. Binder 90-95 %			
FM-214073103-02	034451-02	No	≤ 1. %
Location: Popcorn ceiling, entrance cover			
Description: Off White, Homogeneous, Non-Friable, Non-Fibrous, Bulk Material Misc. Binder 95-99 %			
FM-214073103-03	034451-03	No	≤ 1. %
Location: Left far corner wall, white coat			
Description: White, Homogeneous, Friable, Non-Fibrous, Bulk Material Cellulose Trace Misc. Binder 95-99 %			
FM-214073103-04	034451-04	No	≤ 1. %
Location: Brown coat			
Description: Brown, Homogeneous, Friable, Non-Fibrous, Bulk Material Misc. Binder 95-99 %			
FM-214073103-05	034451-05	No	≤ 1. %
Location: Right corner ceiling, sheet rock core			
Description: Off White, Homogeneous, Friable, Fibrous, Bulk Material Cellulose >1-5 % Misc. Binder 90-95 %			
FM-214073103-06	034451-06	No	≤ 1. %
Location: Left center wall, white coat			
Description: Off White, Homogeneous, Friable, Non-Fibrous, Bulk Material Cellulose Trace Misc. Binder 95-99 %			

104 Elden Street
Herndon, Virginia 22070

Phone: 703 • 471-4200
Facsimile: 703 • 471-0020



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division	Date Received	8/8/03	Report Number	034451
Attn: Kenny Gantt	Date Reported	8/12/03	Page	2 of 2
ANMY PW-V	Project Location	Call # 1318, Ft. Myer, Bldg 214, Lamplighter Lounge		
Bldg. 313, Rm.4, Fort Myer				
Arlington, VA 22211-5050				

Sample No.	Lab No.	Asbestos Present	Percentage
FM-214073103-07	034451-07	No	≤ 1. %
Location: Bar ceiling popcorn			
Description: Off White, Homogeneous, Non-Friable, Non-Fibrous, Bulk Material			
Misc. Binder 95-99 %			
FM-214073103-08	034451-08	No	≤ 1. %
Location: Kitchen wall, white coat			
Description: White, Homogeneous, Friable, Non-Fibrous, Bulk Material			
Misc. Binder 95-99 %			
FM-214073103-09	034451-09	No	≤ 1. %
Location: Brown coat			
Description: Brown, Homogeneous, Friable, Non-Fibrous, Bulk Material			
Cellulose Trace Misc. Binder 95-99 %			

Reporting Notes:

** "Trace = Present at or below 1 w/w percent. Samples analyzed by Sun B. Bowling using Polarized Light Microscopy with DS. Laboratory Director: R. Hugh Granger, Ph.D., CIH

ANMY-EL

28 July 2003

ENV-PYED
1 action
Bill
28 Jul 03

MEMORANDUM FOR Director of Community Activities

SUBJECT: Status of DPWL Approvals for Work in Lamplighter Lounge, [REDACTED]
Bldg 214

1. References:

- a. Work Request SD-00001-3J, Open 3 Windows, Lamplighter Lounge, [REDACTED]
- b. Work Request SD-00005-3J, Lamplighter Lounge Upgrade, [REDACTED] with scope of work as described on Requisition attached to the work request.

2. **Proprietary approval cannot be granted at this time for Work Request (W/R) SD-00001-3J** due primarily to our requirement for agency coordination. **However, the W/R has been approved for design.** The design will provide the basis for our agency submittal. Please advise if you would like the DPWL to initiate action for a design for this work. Other DPWL considerations are specified on the proprietary approval requirements sheet attached to the signed W/R (enclosure 1).

3. **Proprietary approval is herewith granted for W/R SD-00005-3J (enclosure 2), subject to** the conditions stated on the proprietary approval requirements sheet attached to the signed W/R and those provided below:

~~a. DPWL survey for lead/asbestos containing materials must be completed before you solicit contractor proposals - current target completion is 10 Aug 2003.~~ Abatement requirements, if any, will be included in the contract SOW.

b. Prospective contractors must submit design details regarding rework of the HVAC system in the Lamplighter lounge. DPWL technical approval is required prior to contract award.

c. Contractor must continue to provide HVAC service during construction.

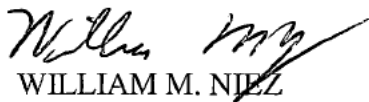
d. Contractor must label all new circuit breakers.

e. DPWL representative will be invited to the pre-performance conference.

f. Recommend DCA provide funds to DPWL for quality assurance during construction. Estimated cost is approximately 3% of contract amount and should be provided not later than 30 days after contract award.

4. POC is the [REDACTED]

2 Encls.


WILLIAM M. NIEZ
Deputy (PW) DPWL

PROPRIETARY APPROVAL REQUIREMENTS

W/R #: SD 0000130

Date: 7/17/03

Brief Description: Open Windows - Lamp Lighter

DPWL Requirements

Identified by EP&S

(QA assignment, GIS requirements)

NEEDS ASSESSMENT STUDY MUST BE
REVIEWED TO ASSESS HVAC REQUIREMENTS
FOR LAMP LIGHTER ROOM. WINDOW INSTALLATION
MUST BE COORDINATED WITH A DESIGN FOR
SUBSEQUENT SUBMITTAL TO DPWL.

EP&S Rep. Signatures & Date

Identified by ENV

(Asbestos, Historical, Cultural, etc.)

Need ACNY survey
1/3 part
Design must be approved or coordinated
with Historic Agencies

ENV Rep. Signatures & Date

Identified by O&M

(Digging Permit, Site Restoration, Utility Outage)

Need insulated windows,

O&M Rep. Signatures & Date

Contractor's Responsibilities

1. Excavation permit requests should be submitted to Chief O&M Division 15 days in advance with a site plan showing where work will take place. Approved permits will be issued by EP&S. A copy of the approved permit should be available on site.
2. Any utility outage should be coordinated at least 3 working days prior to the desired outage. Requests should be submitted to the Chief O&M Division. A representative from the appropriate shop will make final coordination with the contractor before the outage.
3. Contractor will restore roads/grounds to condition existing prior to work start. Contractor will obtain DPWL approval for any deviations in site restoration; approval will be requested through DPWL QA.
4. Contractor will correct each DPWL identified deficiency within 30 days of notification of the deficiency.
5. Contractor will provide, when applicable as-built plans compatible with DPWL's GIS format within 30 days of completion of all work.

Chief, Work Coordination Branch

PROPRIETARY APPROVAL REQUIREMENTS

W/R #: SD0000535

Date: 7/17/03

Brief Description: Lampighter Lounge Upgrade

DPWL Requirements

Identified by EP&S

(QA assignment, GIS requirements)

REVIEW NEEDED ASSESSMENT STUDY TO
DETERMINE IMPACT OF WORK IN
THE HATE IDENTIFIED LOCATIONS

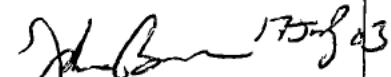
1


EP&S Rep. Signatures & Date

Identified by ENV

(Asbestos, Historical, Cultural, etc.)

Survey needed for ACM/PB Post
Design need Historic Agency's Review

 17 July 03
ENV Rep. Signatures & Date

Identified by O&M

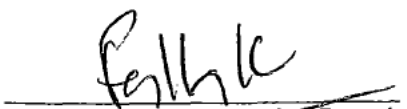
(Digging Permit, Site Restoration, Utility Outage)

Plan for HVAC service while bar is being replaced.
~~Label~~ Label all new circuit breakers.

 17 July 03
O&M Rep. Signatures & Date

Contractor's Responsibilities

1. Excavation permit requests should be submitted to Chief O&M Division 15 days in advance with a site plan showing where work will take place. Approved permits will be issued by EP&S. A copy of the approved permit should be available on site.
2. Any utility outage should be coordinated at least 3 working days prior to the desired outage. Requests should be submitted to the Chief O&M Division. A representative from the appropriate shop will make final coordination with the contractor before the outage.
3. Contractor will restore roads/grounds to condition existing prior to work start. Contractor will obtain DPWL approval for any deviations in site restoration; approval will be requested through DPWL QA.
4. Contractor will correct each DPWL identified deficiency within 30 days of notification of the deficiency.
5. Contractor will provide, when applicable as-built plans compatible with DPWL's GIS format within 30 days of completion of all work.


Chief, Work Coordination Branch
7/17/03

REQUISITION

PROCUREMENT REQUEST NO.

NAF-RA3-03-122

1. NAME, PHONE NUMBER, AND ROUTING SYMBOL OF PERSON TO CONTACT

REQUISITION DATE

04/01/2003

3. ORIGINATING OFFICE DATA

Ft. Myer

2. TYPE OF REQUEST (Check

A. ☒ NEW REQUESTB. ☐ CHANGE TO
PENDING PR NO.C. ☐ MODIFICATION TO
CONTRACT OR
ORDER NO.

4. ADDITIONAL INFORMATION (Suggested supply sources, security data, etc.)

5. APPROVALS

APPROVING OFFICIALS (A)	ROUTING SYMBOL (B)	DATE (C)	INTERNAL ROUTING	
			INITIALS (D)	ROUTING SYMBOL (E)
(1) AUTHORIZED REQUISITIONER Syed Hussain	RA1	04/03/2003		
(2) Annette Hobbs	MDWCONT	04/03/2003		
(3) Kathy Joo	RA1	04/02/2003		
(4)				

6. CONSIGNEE AND DESTINATION

Ft. Myer

214 Jackson Avenue

Fort Myer VA 22211

7. DATE(S) REQUIRED

05/15/2003

8. GOVERNMENT FURNISHED PROPERTY

☐ YES ☒ NO

(If "yes," see Det. 8 of Instructions on next page.)

9. DESCRIPTION OF ITEMS OR SERVICES

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT (E)	AMOUNT (F)
1	Accounting Code: RA1-KE4F-G1-163-2003 CPMC: 031014 Chandeliers & Upgrades in Lamplighter Lounge of the Fort Myer (Scope of Work) -Remove existing chandeliers and install (5) new chandeliers -Install (15) new wall sconce lights, matching with chandeliers -Demolish existing bar and install/relocate new bar -Demolish existing stage area, bringing it parallel to the floor -New ventilation/exhausts -Redo existing pillars in the lounge by reducing the size -Some carpeting job -Install wall/separator between lounge and side walk to the catering and admin offices Continued ...	1.00	EA		
				TOTAL ESTIMATED COST	

10. ACCOUNTING DATA

Accounting Info : RA1-KE4F-G1-163-2003/031014/////

05/08/03 TUE 07:40 FAX 703 696 8585 OFFICE OF DPCA 004

FACILITIES ENGINEERING WORK REQUEST - XFA, XFB, XFC
For use of this form, see AR 420-17 and DA Pam 420-6, the proponent agency is the Office of the Chief of Engineers.

Copy

ANS DE	CHANGE	DOCUMENT NUMBER											BUILDING/FACILITY																		
		REQ ID	SERIAL NUMBER										EX	TY	NUMBER																
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19														
A		SD000053J											214																		
ANS IDE	CHANGE	DOCUMENT NUMBER											BUILDING/FACILITY																		
		REQ ID	SERIAL NUMBER										EX	TY	NUMBER																
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19														
B																															

DESCRIPTION AND JUSTIFICATION OF WORK TO BE ACCOMPLISHED																		DESCRIBE WHAT WILL HAPPEN IF WORK IS NOT ACCOMPLISHED																	
***** AS PER ATTACHED REQUISITION *****																		***** APPROVED CPMC FY03 PROJECT # 031014 *****																	
<i>This does not include separate WR. The req for 3 windows to be opened that are currently bricked up.</i> POC: Hosea Garriga - More to follow up. EPB																		ISR Rating _____ Category _____ Bldg. Comp. _____ Spec. Int. _____ TOTAL _____ BUDGET CODE AMSCO/TDAC _____ APC _____ Work Class _____																	

REQUESTER INFORMATION		PERSON TO CALL FOR ADDITIONAL INFORMATION	
NAME ED M. HUSSAIN	ORGANIZATION FMCMC BOD	NAME HERMAN R. JUGGINS	ORGANIZATION DPWL

RECOMMENDED ACTION	ENVIRONMENTAL IMPACT	ESTIMATED COST	WORK TO BE PERFORMED	FROM GAY VANBRERO Chief, Business Operations DPWL	APPROVED FOR DESIGN	SOURCE OF FUNDS

APPROVAL ACTION														FORWARDED TO			
DATE MO DA														DESIGN ESTIMATOR			
MO DA														MO DA			
20 21 22 23 24 25 26														20 21 22 23 24 25 26			
SIGNATURE OF APPROVAL AUTHORITY																	

For use of this form, see AR 420-17 and DA Pam 420-6, the proponent agency is the Office of the Chief of Engineers.

APPROVED FOR DESIGN	SOURCE OF FUNDS
4/11/03 Asper Bill Nief, it is not on trips, but we need to do it - Cost of \$65K	☐ DIRECT ☐ AUTOMATIC REIMB. ☒ FUNDED REIMB.
NAF-CFUC WILLIAM V. 2822403	NAF CONTRACTING
SIGNATURE	DATE 4/16/03
	NAF

REMARKS	BUDGET CODES	3/31/03
AMSCO/TDAC	_____	Rick - Get Ed Gonzales to agree to it. Accomplished only if among the top 5
APC	_____	
Work Class	_____	
7/11/03	EP&S C. H. H.	Call

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	-Demolish existing electrical work of the old bar and install new fixture at the new relocated bar Project specifics and actual scope of work to be finalized upon site visit by the contractors				

Rug - dika sides Friday



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 9/25/02 **Report Number** 025453
Attn: Kenny Gantt
ANMY PW-V **Date Reported** 9/30/02 **Page** 1 **of** 1
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Call #1065, Fort Myer, Bldg. 214, Ceiling
Mech. Rm. (Baker)

Sample No.	Lab No.	Asbestos Present	Percentage
FM214-092402-01	025453-01	No	≤ 1. %
Location:	Sample of ceiling material collected by Baker from basement mech. room		
Description:	Tan, Homogeneous, Non-Friable, Non-Fibrous, Ceiling Material		
Misc. Binder	95-99 %		

Reporting Notes:

** "Trace = Present at or below 1 w/w percent. Samples analyzed by Sun B. Bowling using Polarized Light Microscopy with DS. Laboratory Director: R. Hugh Granger, Ph.D., CIH



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 9/25/02 **Report Number** 025453
Attn: Kenny Gantt
ANMY PW-V **Date Reported** 9/30/02 **Page** 1 of 1
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Call #1065, Fort Myer, Bldg. 214, Ceiling
Mech. Rm. (Baker)

Sample No.	Lab No.	Asbestos Present	Percentage
FM214-092402-01	025453-01	No	≤ 1. %
Location:	Sample of ceiling material collected by Baker from basement mech. room		
Description:	Tan, Homogeneous, Non-Friable, Non-Fibrous, Ceiling Material		
Misc. Binder	95-99 %		

Reporting Notes:

** "Trace = Present at or below 1 w/w percent. Samples analyzed by Sun B. Bowling using Polarized Light Microscopy with DS. Laboratory Director: R. Hugh Granger, Ph.D., CIH



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 3/4/00 **Report Number** 003379
Attn: Edna Barber
ANMY PW-V **Date Reported** 3/8/00 **Page 1 of 3**
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Ft. Myer Building 214

CALL # 321

1. **Client Sample No.:** FM214-030400-01 **HPE Sample No:** 003379-01
Sample Matrix: Air (75 liters) **Date Collected:** 3/4/00
Sample Location: 30mn stel on Byrd while removing ACM fir tile

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	<0.04	f/cc	0.04

Date Analyzed: 3/7/00 **Analyst:** Mary Ham **See Footnote: 1**

2. **Client Sample No.:** FM214-030400-02 **HPE Sample No:** 003379-02
Sample Matrix: Air (1450 liters) **Date Collected:** 3/4/00
Sample Location: Persona on Byrd while removing fir tile

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 3/7/00 **Analyst:** Mary Ham **See Footnote: 1**

3. **Client Sample No.:** FM214-030400-03 **HPE Sample No:** 003379-03
Sample Matrix: Air (1475 liters) **Date Collected:** 3/4/00
Sample Location: Sample from entrance to decon 6' from fir

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 3/7/00 **Analyst:** Mary Ham **See Footnote: 1**

4. **Client Sample No.:** FM214-030400-04 **HPE Sample No:** 003379-04
Sample Matrix: Air (1488 liters) **Date Collected:** 3/4/00
Sample Location: Sample from exhaust from working area

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 3/7/00 **Analyst:** Mary Ham **See Footnote: 1**



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 3/4/00 **Report Number** 003379
Attn: Edna Barber
ANMY PW-V **Date Reported** 3/8/00 **Page 2 of 3**
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Ft. Myer Building 214

5. Client Sample No.: FM214-030400-05 **HPE Sample No:** 003379-05
Sample Matrix: Air (75 liters) **Date Collected:** 3/4/00
Sample Location: 30mn stel sample on Erwin while removing ACM fir tile

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	<0.04	f/cc	0.04

Date Analyzed: 3/7/00 **Analyst:** Mary Ham **See Footnote: 1**

6. Client Sample No.: FM214-030400-06 **HPE Sample No:** 003379-06
Sample Matrix: Air (1050 liters) **Date Collected:** 3/4/00
Sample Location: 30mn stel on Erwin while removing fir tile mastic

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	<0.003	f/cc	0.003

Date Analyzed: 3/7/00 **Analyst:** Mary Ham **See Footnote: 1**

7. Client Sample No.: FM214-030400-07 **HPE Sample No:** 003379-07
Sample Matrix: Air (1050 liters) **Date Collected:** 3/4/00
Sample Location: Sample from decon entrance 6' from floor

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	<0.003	f/cc	0.003

Date Analyzed: 3/7/00 **Analyst:** Mary Ham **See Footnote: 1**

8. Client Sample No.: FM214-030400-08 **HPE Sample No:** 003379-08
Sample Matrix: Air (1050 liters) **Date Collected:** 3/4/00
Sample Location: Sample from exhaust from working area

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	<0.003	f/cc	0.003

Date Analyzed: 3/7/00 **Analyst:** Mary Ham **See Footnote: 1**



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 3/4/00 **Report Number** 003379
Attn: Edna Barber
ANMY PW-V **Date Reported** 3/8/00 **Page 3 of 3**
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Ft. Myer Building 214

9. Client Sample No.: FM214-030400-09 **HPE Sample No:** 003379-09
Sample Matrix: Air (858000 liter) **Date Collected:** 3/4/00
Sample Location: Final Clearance

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 3/7/00 **Analyst:** Mary Ham **See Footnote: 1**

10. Client Sample No.: FM214-030400-10 **HPE Sample No:** 003379-10
Sample Matrix: Air (156000 liter) **Date Collected:** 3/4/00
Sample Location: Final Clearance

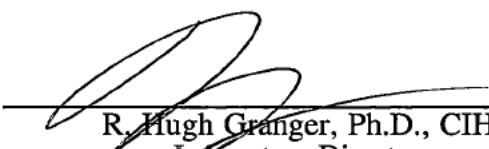
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 3/7/00 **Analyst:** Mary Ham **See Footnote: 1**

Reporting Notes:

(1) NFO = No observable fibers per 100 fields analyzed.



R. Hugh Granger, Ph.D., CIH
Laboratory Director



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 3/7/99 **Report Number** 993363
Attn: Edna Barber
ANMY PW-V **Date Reported** 3/13/99 **Page 1 of 4**
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Call 144, Fort Myer, Buidling 214

1. **Client Sample No.:** FM214030699-01 **HPE Sample No:** 993363-01
Sample Matrix: Air (75 liters) **Date Collected:** 3/7/99
Sample Location: STEL on Dennis Knizner while removing asbestos floor tile

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>PQL</u>
Fibers	<.45	f/cc	.45

Date Analyzed: 3/11/99 **Analyst:** Mary Ham **Notes:** 1

2. **Client Sample No.:** FM214030699-02 **HPE Sample No:** 993363-02
Sample Matrix: Air (1213 liters) **Date Collected:** 3/7/99
Sample Location: Personal on Dennis Knizner removing abestos floor tile & mastic

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>PQL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 3/11/99 **Analyst:** Mary Ham **Notes:** 1

3. **Client Sample No.:** FM214030699-03 **HPE Sample No:** 993363-03
Sample Matrix: Air (1275 liters) **Date Collected:** 3/7/99
Sample Location: Area sample in hallway

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>PQL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 3/11/99 **Analyst:** Mary Ham **Notes:** 1

4. **Client Sample No.:** FM214030699-04 **HPE Sample No:** 993363-04
Sample Matrix: Air (1325 liters) **Date Collected:** 3/7/99
Sample Location: Sample located at entrance to decon 6' from floor

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>PQL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 3/11/99 **Analyst:** Mary Ham **Notes:** 1



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Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 3/7/99 **Report Number** 993363
Attn: Edna Barber
ANMY PW-V **Date Reported** 3/13/99 **Page 2 of 4**
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Call 144, Fort Myer, Buidling 214

5. Client Sample No.: FM214030699-05 **HPE Sample No:** 993363-05
Sample Matrix: Air (1325 liters) **Date Collected:** 3/7/99
Sample Location: Sample of exhaust from micro trap

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 3/11/99 **Analyst:** Mary Ham **Notes:** 1

6. Client Sample No.: FM214030699-06 **HPE Sample No:** 993363-06
Sample Matrix: Air (75 liters) **Date Collected:** 3/7/99
Sample Location: STEL on Jim Baker while removing asbestos mastic

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 3/11/99 **Analyst:** Mary Ham **Notes:** 1

7. Client Sample No.: FM214030699-07 **HPE Sample No:** 993363-07
Sample Matrix: Air (388 liters) **Date Collected:** 3/7/99
Sample Location: Personal on Jim Baker while removing asbestos mastic

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 3/11/99 **Analyst:** Mary Ham **Notes:** 1

8. Client Sample No.: FM214030699-08 **HPE Sample No:** 993363-08
Sample Matrix: Air (488 liters) **Date Collected:** 3/7/99
Sample Location: Sample located at entrance to decon 6' from floor

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 3/11/99 **Analyst:** Mary Ham **Notes:** 1



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 1/31/99 **Report Number** 993142
Attn: Edna Barber
ANMY PW-V **Date Reported** 2/6/99 **Page 1 of 2**
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Call 115, Fort Myer, Building 214

-
1. **Client Sample No.:** FM214013099-01 **HPE Sample No:** 993142-01
Sample Matrix: Air (75 liters) **Date Collected:** 1/31/99
Sample Location: STEL (30 min) on Jim Erwin while removing asbestos floor tile
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules
- | <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>POL</u> |
|----------------|---------------|--------------|------------|
| Fibers | <.004 | f/cc | .004 |
- Date Analyzed:** 2/5/99 **Analyst:** Mary Ham **Notes:** 1
2. **Client Sample No.:** FM214013099-02 **HPE Sample No:** 993142-02
Sample Matrix: Air (725 liters) **Date Collected:** 1/31/99
Sample Location: Personal on Erwin while removing asbestos floor tile in basement
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules
- | <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>POL</u> |
|----------------|---------------|--------------|------------|
| Fibers | NFO | f/cc | .002 |
- Date Analyzed:** 2/5/99 **Analyst:** Mary Ham **Notes:** 1
3. **Client Sample No.:** FM214013099-03 **HPE Sample No:** 993142-03
Sample Matrix: Air (838 liters) **Date Collected:** 1/31/99
Sample Location: Sample from exhaust tube
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules
- | <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>POL</u> |
|----------------|---------------|--------------|------------|
| Fibers | NFO | f/cc | .002 |
- Date Analyzed:** 2/5/99 **Analyst:** Mary Ham **Notes:** 1
4. **Client Sample No.:** FM214013099-04 **HPE Sample No:** 993142-04
Sample Matrix: Air (838 liters) **Date Collected:** 1/31/99
Sample Location: Sample at entrance to decon 6' from floor
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules
- | <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>POL</u> |
|----------------|---------------|--------------|------------|
| Fibers | NFO | f/cc | .002 |
- Date Analyzed:** 2/5/99 **Analyst:** Mary Ham **Notes:** 1



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 1/31/99 **Report Number** 993142
Attn: Edna Barber
ANMY PW-V **Date Reported** 2/6/99 **Page 2 of 2**
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Call 115, Fort Myer, Building 214

5. Client Sample No.: FM214013099-05 **HPE Sample No:** 993142-05
Sample Matrix: Air (871 liters) **Date Collected:** 1/31/99
Sample Location: Area sample hallway in basement

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 2/5/99 **Analyst:** Mary Ham **Notes:** 1

6. Client Sample No.: FM214013099-06 **HPE Sample No:** 993142-06
Sample Matrix: Air (1560 liters) **Date Collected:** 1/31/99
Sample Location: Final in hallway

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	<.002	f/cc	.002

Date Analyzed: 1/31/99 **Analyst:** Piotr Chmielinski **Notes:** 1

7. Client Sample No.: FM214013099-07 **HPE Sample No:** 993142-07
Sample Matrix: Air (1560 liters) **Date Collected:** 1/31/99
Sample Location: Final in hallway

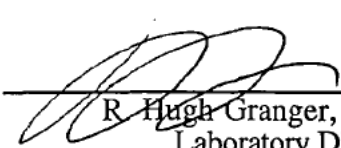
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 1/31/99 **Analyst:** Piotr Chmielinski **Notes:** 1

Reporting Notes:

(1) NFO = No observable fibers per 100 fields analyzed.



R. Hugh Granger, Ph.D., CIH
Laboratory Director



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 2/28/96 **Report Number** 963209
Attn: Edna Barber
ARMY PW-V Bldg. 313, Rm.4, Fort **Date Reported** 2/28/96 **Page 1 of 1**
Myer
Arlington, VA 22211-5050 **Project Location** Call# 22, Fort Myer, Building 214

Sample No.	Lab No.	Asbestos Present	Percentage
FM214022896-01	963209-01	No	≤ 1. %

Location: Brown coat of plaster ceiling

Description: Off White, Homogeneous, Non-Friable, Fibrous, Plaster
Fiber Glass >1-5 %

FM214022896-02	963209-02	No	≤ 1. %
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Location: White coat of plaster ceiling

Description: Off White, Homogeneous, Non-Friable, Fibrous, Plaster
Misc. Binder 95-99 %

Reporting Notes:

** "Trace = Present at or below 1 w/w percent. Samples analyzed by SunB. Cambion using
Polarized Light Microscopy with DS. Laboratory Director: R. Hugh Granger, Ph.D., CIH



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 3/16/95 **Report Number** 953301
Attn: Edna Barber
ARMY PW-V Bldg. 313, Rm.4, Fort **Date Reported** 3/20/95 **Page 1 of 1**
Myer
Arlington, VA 22211-5050 **Project Location** Call 861, Fort Myer, Building 214,
Arlington, VA 22211-5050

Sample No.	Lab No.	Asbestos Present	Percentage
FM211403159501	953301-01	No	≤ 1. %

Location: Sample from wall in freezer box, basement

Description: White, Homogeneous, Non-Friable, Non-Fibrous, Bulk Material
Other fibers >1-5 % Misc. Binder 90-95 %

Reporting Notes:

** "Trace = Present at or below 1 w/w percent. Samples analyzed by SunB. Cambron using
Polarized Light Microscopy with DS. Laboratory Director: R. Hugh Granger, Ph.D.



E N V I R O N M E N T A L
I N C O R P O R A T E D

Airborne Asbestos Report

Directorate of Public Works, MDW
Attn: Don Lane, ANPW-OH
Safety, Occup. Health & Eng. Div.
Fort Myer, Arlington, VA 22211-5050

Date Received 10/21/92

Date Examined 10/21/92

Job Site Fort Myer, Building 214, Men's Locker Area: Call #358
Arlington, VA 22211-5050

Report Number 923929

Date Reported 10/22/92

Sample No.	Lab No.	Date Collected	Time Collected	Liters	Fibers/cc
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FM214102192-01	923929-01	10/21/92	0820-1125	426	0.05
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Location: Personal pump on Rigoberto Nieves while glove bagging.

FM214102192-02	923929-02	10/21/92	0820-1325	702	0.009
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Location: Ground floor, men's locker room, area sample by doorway.

FM214102192-03	923929-03	10/21/92	0820-1330	713	0.01
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Location: Ground floor, men's locker room, area sample by exit.

FM214102192-04	923929-04	10/21/92	1130-1330	1440	0.004
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Location: "Final for Clearance".

Report Notes:

Samples analysed by R. J. Winkler.

Laboratory Director: R. Hugh Granger, Ph.D.

N.F.O. = No observable fibers per 100 fields analyzed.

Analyses performed using the NIOSH method 7400 - counting rules "A".

Washington Analytical Laboratory of Virginia, Inc.

4230-A Lafayette Center Drive, Chantilly, VA 22021
(703) 631-6868 FAX (703) 968-3912

Bulk Asbestos Report

Client Name & Address **Date Received** 060192 **Report No** 921198
Military District of Washington **Date Analyzed** 061192 **Report Date** 061192
Attn: Don Lane
Directorate of Public Works,
Safety, Occupational Health **Job Site:** Ft. Myer, Building #214
Environmental Division (Call #0281)
Building 313 (ANPW-OH)
Ft. Myer, Arlington, VA 22211-5050

Sample No.	Lab No.	Asbestos	Percentage
FM214 052892-01	921198-1	Yes	> 1-5 %
Location: 9 x 9 tan floor tile in basement locker room.			
Description: Tan , Heterogeneous, Non-Friable, Non-Fibrous Floor Tile.			
Chrysotile > 1-5 % Other NonFibers 90-95 %			
FM214 052892-02	921198-2	No	
Location: Mastic sample #01.			
Description: Black, Homogeneous, Non-Friable, Non-Fibrous Mastic.			
Cellulose Trace Other NonFibers 95-99 %			
FM214 052892-03	921198-3	Yes	> 1-5 %
Location: 9 x 9 tan floor tile in basement locker room in cage by pump..			
Description: Tan , Heterogeneous, Non-Friable, Non-Fibrous Floor Tile.			
Chrysotile > 1-5 % Other NonFibers 90-95 %			
FM214 052892-04	921198-4	No	
Location: Mastic sample #03.			
Description: Black, Homogeneous, Non-Friable, Non-Fibrous Mastic.			
Cellulose Trace Other NonFibers 95-99 %			
FM214 052892-05	921198-5	Yes	> 1-5 %
Location: 9 x 9 tan floor tile, first floor storage room.			
Description: Tan , Homogeneous, Non-Friable, Non-Fibrous Floor Tile.			
Chrysotile > 1-5 % Other NonFibers 90-95 %			

Comments: N.F.O.= No asbestiform minerals. "Trace" = Present at or below 1
w/w percent. Samples analyzed by Polarized Light Microscopy with DS.
Laboratory Director: R. K. Simon, Ph.D. Analyst: SB Cambron

Washington Analytical Laboratory of Virginia, Inc.

4230-A Lafayette Center Drive, Chantilly, VA 22021
(703) 631-6868 FAX (703) 968-3912

Bulk Asbestos Report

Sample No.	Lab No.	Asbestos	Percentage
FM214 052892-06	921198-6	No	
	Location:	Mastic sample #05.	
	Description:	Black, Homogeneous, Non-Friable, Non-Fibrous Mastic. Cellulose Trace Other NonFibers 95-99 %	
FM214 052892-07	921198-7	Yes	> 1-5 %
	Location:	9 x 9 tan floor tile, first floor storage room.	
	Description:	Tan , Homogeneous, Non-Friable, Non-Fibrous Floor Tile. Chrysotile > 1-5 % Other NonFibers 90-95 %	
FM214 052892-08	921198-8	No	
	Location:	Mastic sample #07.	
	Description:	Black, Homogeneous, Non-Friable, Non-Fibrous Mastic. Cellulose Trace Other NonFibers 95-99 %	

Comments: N.F.O.= No asbestiform minerals. "Trace" = Present at or below 1 w/w percent. Samples analyzed by Polarized Light Microscopy with DS.
Laboratory Director: R. K. Simon, Ph.D. Analyst: SB Cambron

HP Environmental, Inc.

P.O. Box 2177
Reston, Virginia 22090

Airborne Asbestos Report

Corp of Engineers
Attn: Don Lane
USAEA, CA, Building 203
Arlington, VA 22211-5050

Date Received 4/28/91 Report Number 913038
Date Examined 4/28/91 Date Reported 4/28/91
Job Site Fort Myer, [REDACTED] Bldg 214
Arlington, VA 22211-5050: Call #0028

Sample No.	Lab No.	Date Collected	Time Collected	Liters	Fibers/cc
910428-01	913038-01	4/28/91	0740-0855	870	N.F.O.
Location: Area pump in lady's locker room located in center of room before job.					
910428-02	913038-02	4/28/91	0745-0840	644	N.F.O.
Location: Area pump in hallway area before abatement has started					
910428-03	913038-03	4/28/91	0750-0930	1140	< 0.002
Location: Area pump in mechanical room before job has started.					
910428-04	913038-04	4/28/91	0940-1200	280	0.33
Location: Personal pump Jim Bennett while working in mechanical room					
910428-05	913038-05	4/28/91	0935-1200	334	N.F.O.
Location: Area pump in hallway down from time clock 6' from floor					
910428-06	913038-06	4/28/91	0935-1200	290	N.F.O.
Location: Area pump located in hallway 6' from floor (mechanical room)					
910428-07	913038-07	4/28/91	0940-1200	322	0.48
Location: MSA personal pump Dennis Knizner					
910428-08	913038-08	4/28/91	1200-1335	1083	< 0.002
Location: Area pump in mechanical room for "clearance".					
910428-09	913038-09	4/28/91	1230-1340	812	N.F.O.
Location: Area pump in ladies locker room for "clearance".					
910428-10	913038-10	4/28/91	1230-1340	819	< 0.002
Location: Area pump in hallway area for "clearance".					
910428-11	913038-11	4/28/91	1230-1320	115	N.F.O.
Location: Personal pump on Jim Bennet, glove bag job in mechanical room.					

HP Environmental, Inc.

P.O. Box 2177
Reston, Virginia 22090

Airborne Asbestos Report

Corp of Engineers
Attn: Don Lane
USAEA, CA, Building 203
Arlington, VA 22211-5050

Date Received 4/28/91 Report Number 913038
Date Examined 4/28/91 Date Reported 4/28/91
Job Site Fort Myer, [REDACTED] Bldg 214
Arlington, VA 22211-5050: Call #0028

Sample No.	Lab No.	Date Collected	Time Collected	Liters	Fibers/cc
910428-12	913038-12	4/28/91	1320-1400	456	N.F.O.
Location: Area pump in mechanical room in glove bag area "clearance".					
910428-13	913038-13	4/28/91	-	1000	N.F.O.
Location: Field Blank					

Report Notes:

Samples analysed by Piotr Chmielinski.
Laboratory Director: Piotr Chmielinski, M.S.
N.F.O. = No observable fibers per 100 fields analyzed.
Analyses performed using the NIOSH method 7400 - counting rules "A".

HP Environmental, Inc.

Report Number 913021

Date Reported 3/22/91

Client Name & Address: Corps of Engineers ATTN: Don Lane Building 203, Ft. Myer Arlington, VA 22211-5050	Collected by: Don Lane & Kenny 3/20/91 Gantt Shipped by: Russ McGuiney 3/20/91 Received by: Piotr Chmielinski 3/20/91 Analyzed by: AMA 3/21/91 Reviewed by: Piotr Chmielinski 3/22/91 Reported by: Piotr Chmielinski 3/22/91
Sample Collection Site: Fort Myer Building #214, [REDACTED] Arlington, VA 22211-5050 Call #15	

Sample/Lab ID	Type	Location	Asbestos
COE032091-1	Bulk	Bldg. #214, [REDACTED] elbow near the removed boiler	Chrysotile 20-25% Non-fibrous Material 75-80%
COE032091-2	Bulk	Bldg. #214, [REDACTED] elbow near the removed boiler	Chrysotile 25-30% Mineral Wool <1% Non-fibrous Material 70-75%
COE032091-3	Bulk	Bldg. #214, [REDACTED] elbow near ceiling	Chrysotile 15-20% Amosite 40-45% Non-fibrous Material 35-45%

HP Environmental, Inc.

11874 Sunrise Valley Drive
Reston, Virginia 22091

Bulk Asbestos Report

Corp of Engineers
Attn: Don Lane
USAEA, CA, Building 203
Arlington, VA 22211-5050

Date Received 3/20/91 Report Number 913021
Date Examined 3/21/91 Date Reported 3/22/91
Job Site Fort Myer, Building #214, [REDACTED]
Arlington, VA 22211-5050: Call #15

Sample No.	Lab No.	Asbestos Present	Percentage
COE032091-01	913021-01	Yes	20-25 %
Location: Bldg. #214, [REDACTED] elbow near the removed boiler.			
Description: Grey, Homogeneous, Friable, Fibrous, Bulk Material			
Chrysotile	20-25 %	Non-fibrous	75-80 %
COE032091-02	913021-02	Yes	25-30 %
Location: Bldg. #214, [REDACTED] elbow near the removed boiler.			
Description: Grey, Homogeneous, Friable, Fibrous, Bulk Material			
Chrysotile	25-30 %	Mineral Wool	Trace
		Non-fibrous	70-75 %
COE032091-03	913021-03	Yes	60-65 %
Location: Bldg. #214, [REDACTED] elbow near the ceiling.			
Description: Grey, Homogeneous, Friable, Fibrous, Bulk Material			
Amosite	40-45 %	Chrysotile	15-20 %
		Non-fibrous	40-45 %

Note: N.F.O. = No observed asbestiform minerals. "Trace" = Present at or below 1 w/w percent.
Samples analyzed by AMA using Polarized Light Microscopy with DS.
Laboratory Director: R. Hugh Granger, Ph.D.

HP Environmental, Inc.

Report Number 913018

Date Reported 3/19/91

Client Name & Address: Corps of Engineers ATTN: Don Lane Building 203, Ft. Myer Arlington, VA 22211-5050	Collected by: Don Lane 3/15/91 Shipped by: Don Lane 3/15/91 Received by: Piotr Chmielinski 3/15/91 Analyzed by: AMA 3/19/91 Reviewed by: Piotr Chmielinski 3/19/91 Reported by: Piotr Chmielinski 3/19/91
Sample Collection Site: Fort Myer, Building 214 Arlington, VA 22211-5050 Call #13	

Sample/Lab ID	Type	Location	Asbestos
910315-01	Bulk	Bldg. 214, Basement, Mechanical Room, pipe elbow	Fiberglass 30-35% Organic Fibers <1% Non-fibrous Material 65-70%
910315-02	Bulk	Bldg. 214, Basement, Hallway near Ladies Locker Room	Fiberglass 30-35% Organic Fibers <1% Non-fibrous Material 65-70%
910315-03	Bulk	Bldg. 214, Basement, Hallway near Ladies Locker Room, pipe covering	Chrysotile 5-10% Organic Fibers 65-75% Non-fibrous Material 20-25%

HP Environmental, Inc.

11874 Sunrise Valley Drive

Reston, Virginia 22091

Bulk Asbestos Report

Corp of Engineers

Attn: Don Lane

USAEA, CA, Building 203

Arlington, VA 22211-5050

Date Received 3/15/91

Date Examined 3/19/91

Job Site Fort Myer, Building 214

Arlington, VA 22211-5050: Call #13

Report Number 913018

Date Reported 3/19/91

Sample No.	Lab No.	Asbestos Present	Percentage
910315-01	913018-01	No	≤ 1. %
Location: Bldg. 214. Basement, Mechanical room, pipe elbow.			
Description: Grey, Homogeneous, Friable, Fibrous, Bulk Material			
Organic Fibers	Trace Fiberglass	30-35 % Non-fibrous	65-70 %
910315-02	913018-02	No	≤ 1. %
Location: Bldg. 214, Basement, Halway near ladies Locker Room, pipe covering.			
Description: Grey, Homogeneous, Friable, Fibrous, Bulk Material			
Organic Fibers	Trace Fiberglass	30-35 % Non-fibrous	65-70 %
910315-03	913018-03	Yes	5-10 %
Location: Bldg. 214, Basement, Hallway near Ladies Locker Room, pipe covering.			
Description: Grey, Homogeneous, Friable, Fibrous, Bulk Material			
Chrysotile	5-10 % Organic Fibers	70-75 % Non-fibrous	20-25 %

Note: N.F.O. = No observed asbestiform minerals. "Trace" = Present at or below 1 w/w percent.

Samples analyzed by AMA using Polarized Light Microscopy with DS.

Laboratory Director: R. Hugh Granger, Ph.D.

WASHINGTON ANALYTICAL LABORATORY, INC.

14214 Coda Place, Chantilly, VA 22021
(703)631-6871

CLIENT: Maryland Asbestos Laboratory, Inc, 14214 Coda Place, Chantilly, Va 22021

Job Site: U.S. Army Corps of Engineers, analysis of lead in water

JOB NUMBER	*	RECEIVED BY LAB	DATE
WALI 879003A-M		WALI	020687
COLLECTED BY:	DATE	* ANALYZED BY:	DATE
Russ McGuinney, USAEA	020687	Michael Lockhart ^a	021087
SENT TO WALI BY:	DATE	* REVIEWED BY:	DATE
Russ McGuinney, USAEA	020687	R.K. Simon, Ph.D.	021187
STORED AT WALI:	room temp.	* Report Issued By:	DATE
		WALI	021287

SAMPLE LD.	SAMPLE TYPE	LOCATION	<u>Lead in Water</u> (ppb) ^a
02068701	water	Cameron Station Building #9	31 ppb
02068702	water	Cameron Station Building #8	N.D.
02068703	water	Cameron Station Building #1	N.D.
02068704	water	Cameron Station Building #15	N.D.
02068705	water	Ft. McNair Building # 32	N.D.
02068706	water	Ft. McNair Building # 60	N.D.
02068707	water	Ft. McNair Building # 39	12 ppb
02068708	water	Ft. McNair Building # 35	N.D.
02068709	water	Ft. McNair Building # 50	N.D.
02068710	water	Ft. Myer Building # 214	N.D.
02068711	water	Ft. Myer Building # 248A	N.D.
02068712	water	Ft. Myer Building # 406	N.D.
02068713	water	Ft. McNair Building # 61	N.D.

(a) analysis performed at WALI reference laboratory by Michael Lockhart, Havens Laboratory, 1110 East Market Street, Charlottesville, Virginia, by acid digestion and graphite furnace atomic absorption spectroscopy.

(b) N.D. = no lead detected at a detection limit of 10 ppb (part per billion)

Robert K. Simon, Ph.D., Laboratory Director

HPE

HP ENVIRONMENTAL INCORPORATED

Test Request Form

Page _____ of _____

CLIENT NAME	RPT. NO.	FOR LABORATORY USE ONLY REF. NO. 38711
ADDRESS	RECEIVED BY:	DATE
	ANALYZED BY:	DATE
PHONE / FAX	REVIEWED BY:	DATE

PLEASE TYPE OR PRESS HARD WITH BALL POINT PEN.

P.O. # / CONTRACT # / CALL # / JOB # CALL # 1318	CONTACT PERSON	COLLECTED BY: Roberto Nieves 07/31/03	DATE
PROJECT LOCATION FLOOR 8105 214 Impeller Pump		SUBMITTED BY: Roberto Nieves 08/02/03	DATE
TEST(S) REQUESTED OR TEST CODES (NOTE WITH EACH SAMPLE IF NECESSARY) Asbestos Conf		TOTAL NUMBER OF SAMPLES 9	MODE OF SHIPMENT Pickup
☐ ROUTINE ☐ RUSH ☐ FAX ☐ PHONE		DESCRIBE THE PACKAGE OR SAMPLES	

SAMPLE NO.	TYPE	SAMPLE LOCATION & REMARKS	VOLUME / AREA			
			FLOW	TIME ON	FLOW	TIME OFF
NO. 01 FM214073103	01	Handlighter Lounge Floor Mastic				
TEST CODE:		Left FAR corner				
NO. 02 FM214073103	01	Popcorn ceiling entrance				
TEST CODE:		corner				
NO. 03 FM214073103	02	Left FAR corner wall				
TEST CODE:		white paint coat				
NO. 04 FM214073103	04	Brown coat				
TEST CODE:						
NO. 05 FM214073103	05	Right corner ceiling sheet				
TEST CODE:		Rock core.				
NO. 06 FM214073103	06	Left corner wall white				
TEST CODE:		coat				
NO. 07 FM214073103	02	BAR ceiling Popcorn				
TEST CODE:						
NO. 08 FM214073103	08	Kitchen wall white coat				
TEST CODE:						
NO. 09 FM214073103	09	Brown coat				
TEST CODE:						
NO. 10						
TEST CODE:						
NO. 11						
TEST CODE:						
NO. 12						
TEST CODE:						

Instructions

The name, address and phone number of the client must be entered before submitting samples. Client information can be pre-printed by the laboratory upon request. Chain of Custody is established by completing the "collected by" and "submitted by" sections of the form including the number of samples, mode of shipment and package description. The upper right section containing the report number and "received by" line are for the use of laboratory personnel only. If all samples submitted require the same test(s), list those tests in the line above the Routine/Rush check boxes. If different tests are required for different samples, this information should be entered directly below the individual sample numbers on the "test code" line. Test codes can be used in place of test names when codes are available in the fee schedule listing. The general project or job site to be listed on the report should be entered on the "project location" line. Sample locations, frequently included on test reports, can be entered next to the sample number. Collection volume or area necessary to complete some reporting calculations should be provided in the Volume/Area section on the right side of the form. Results for samples submitted without this information will be reported in convertible units whenever possible. Please refer to the reference number in the upper right of this form when inquiring about test results.

Terms & Conditions

Credit Terms

Invoices are normally dated and mailed on the day tests are completed. Under some conditions partial invoices may be issued. Invoice terms are net 30 days from the date of the invoice, after which time a service charge of 2% may be added to any overdue account. All billing will be direct to the client unless instructions to bill a third party are received in writing, however the client will continue to be responsible for, and guarantees the payment of the bill.

Confidentiality

The results of all testing are considered confidential and will not be released to anyone other than the client. If test results are subpoenaed for any reason by an authorized court or regulatory agency, the results will be released to satisfy that subpoena. The client will be notified in this event.

Sample Retention

Samples submitted for testing are retained for 3 weeks after reporting or determining that the testing will not be performed. If longer retention is required, this can be arranged and may involve additional charges. We reserve the right to return samples or charge a sample disposal fee.

Emergency Testing

Requests to analyze samples as soon as possible (RUSH; usually within 24 hours) will be accepted whenever possible. A surcharge of 100% per test will be applied to charge for these requests.

Litigation

By providing the analysis which you request, HP Environmental, Inc., its officers and employees, are not agreeing to participate in any litigation as expert witnesses or witnesses of fact. If we are required to participate in litigation as a result of analysis or other services, all cost associated with compliance with any subpoena for documents, testimony, travel, or other expenses in connection with litigation, including, without limitation, reasonable attorneys fees, if we must consult an attorney, shall be paid by you. These costs will include our personnel costs, cost of travel, accommodation, mileage, and other expenses deemed reasonable which are associated with litigation.

Disclaimer of Warranty

We do not offer any warranty, expressed or implied, with regard to testing or other work related to samples submitted for testing. We do not quote any odds for success. We expressly disclaim all warranties, expressed or implied, including, but not limited to, a Warranty of Fitness for Particular Purpose and Warranty of Merchantability. Furthermore, HP Environmental, Inc. does not make any representations regarding the use of test results or related documentation or services in terms of their correctness, accuracy, reliability, or otherwise. No oral or written information or advice given by HP Environmental, Inc., its officers or employees shall create a warranty or in any way increase the scope of this warranty. No purchase order or other order for work shall be accepted by HP Environmental, Inc. which includes any conditions that vary from HP Environmental's terms and conditions described here in.

Limitation of Liability

We provide analytical services without knowing the purpose for which the test results are intended. Consequently, we do not accept any legal responsibility for any purpose for which you use the test results. We will not be responsible for any consequences, direct or indirect, of any use which you make of the test results. Under no circumstances including negligence, shall HP Environmental, Inc. or any of its officers or employees, be liable for any incidental, special or consequential damages that result from the use or inability to use the test results or related documentation provided by HP Environmental, even if HP Environmental or its authorized representative has been advised of the possibility of such damages. In no event shall HP Environmental's liability to you or your firm for all damages, losses, and causes of action [whether in contract, tort (including negligence) or otherwise] exceed the amount paid by you for these services of HP Environmental, Inc.

Controlling Law and Severability

These terms and conditions shall be governed by and construed in accordance with the laws of the United States and the Commonwealth of Virginia, as applied to agreements entered into and to be performed entirely within the Commonwealth of Virginia. If for any reason a court of competent jurisdiction finds any provisions of these terms and conditions, or portion thereof, to be unenforceable, that provision of the terms and conditions shall be enforced to the maximum extent permissible so as to effect the intent of the parties, and the remainder of these terms and conditions shall continue in full force and effect.

Complete Agreement

These terms and conditions constitute the entire agreement between parties with respect to testing and other services provided by HP Environmental, Inc., including related documents, and supersedes all prior or contemporaneous understandings or agreements, written or oral, regarding such subject matter. No amendment to or modification of these terms or conditions will be binding unless in writing and signed by a duly authorized representative of HP Environmental, Inc.

Washington Analytical Laboratory of Virginia, Inc.

Client Number		Report Number		Directorate of Public Works, MDW	
Received in lab by		Date		Saf., Occ. Hth. & Env. Div. (ANPW-OH) Fort Myer, Arlington, VA 22211-5050	
Analyzed by		Date		Bldg. 313, ^{Client Name} Fort Myer, Arlington, VA 22211-5050	
Reviewed by		Date		Building # 214	
Stored at		Date		Location of survey	
Stored by		Date		Client Address	
				Collected by	
				Date	
				Sent to lab by	
				Date	
				Call #	
				Conditions	
				Operations	
				Operations	
				Sampling media: Asb Bulk	

Sample #	WAL/VA Lab Acc#	Type	Pump #	LPM in/out	Time on/off	Total time	Liters	Fibers /cc	Location
Fm 214 052892 -01								1.5 chr	9x9 Tan floor tile in basement Locker Room
Fm 214 052892 -02								neg	mastic sample # 01
Fm 214 052892 -03								1.5 chr	9x9 Tan floor tile basement locker room in cage by pump
Fm 214 052892 -04								neg	mastic, sample # 03
Fm 214 052892 -05								1.5	9x9 Tan floor tile, 1st floor Storage room
Fm 214 052892 -06								neg	mastic, sample # 05

[illegible]

HPE

HP ENVIRONMENTAL INCORPORATED

Test Request Form

Page ____ of ____

CLIENT NAME	RPT. NO.	FOR LABORATORY USE ONLY	REF. NO. 36594
ADDRESS	RECEIVED BY:	DATE	
	ANALYZED BY:	DATE	
PHONE / FAX	REVIEWED BY:	DATE	

PLEASE TYPE OR PRESS HARD WITH BALL POINT PEN.

P.O. # / CONTRACT # / CALL # / JOB # CALI # 1065	CONTACT PERSON	COLLECTED BY: JAMES BAKER	DATE: 092402
PROJECT LOCATION MYER Bldg 214 Mech Rm (BAKER)		SUBMITTED BY: RIGOBERTO NIEVES	DATE: 092502
TEST(S) REQUESTED OR TEST CODES (NOTE WITH EACH SAMPLE IF NECESSARY) Asbestos content		TOTAL NUMBER OF SAMPLES: 1	MODE OF SHIPMENT: PICKUP
☐ ROUTINE ☐ RUSH ☒ FAX ☐ PHONE		DESCRIBE THE PACKAGE OR SAMPLES	

SAMPLE NO.	TYPE	SAMPLE LOCATION & REMARKS	VOLUME / AREA			
			FLOW	TIME ON	FLOW	TIME OFF
NO. 01 FM 214 092402 01		sample of ceiling material collected by BAKER from BASEMENT mech ROOM				
TEST CODE:			LITERS OR AREA			
NO. 02			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 03			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 04			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 05			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 06			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 07			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 08			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 09			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 10			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 11			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 12			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			

Instructions

The name, address and phone number of the client must be entered before submitting samples. Client information can be pre-printed by the laboratory upon request. Chain of Custody is established by completing the "collected by" and "submitted by" sections of the form including the number of samples, mode of shipment and package description. The upper right section containing the report number and "received by" line are for the use of laboratory personnel only. If all samples submitted require the same test(s), list those tests in the line above the Routine/Rush check boxes. If different tests are required for different samples, this information should be entered directly below the individual sample numbers on the "test code" line. Test codes can be used in place of test names when codes are available in the fee schedule listing. The general project or job site to be listed on the report should be entered on the "project location" line. Sample locations, frequently included on test reports, can be entered next to the sample number. Collection volume or area necessary to complete some reporting calculations should be provided in the Volume/Area section on the right side of the form. Results for samples submitted without this information will be reported in convertible units whenever possible. Please refer to the reference number in the upper right of this form when inquiring about test results.

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Disclaimer of Warranty

We do not offer any warranty, expressed or implied, with regard to testing or other work related to samples submitted for testing. We do not quote any odds for success. We expressly disclaim all warranties, expressed or implied, including, but not limited to, a Warranty of Fitness for Particular Purpose and Warranty of Merchantability. Furthermore, HP Environmental, Inc. does not make any representations regarding the use of test results or related documentation or services in terms of their correctness, accuracy, reliability, or otherwise. No oral or written information or advice given by HP Environmental, Inc., its officers or employees shall create a warranty or in any way increase the scope of this warranty. No purchase order or other order for work shall be accepted by HP Environmental, Inc. which includes any conditions that vary from HP Environmental's terms and conditions described here in.

Limitation of Liability

We provide analytical services without knowing the purpose for which the test results are intended. Consequently, we do not accept any legal responsibility for any purpose for which you use the test results. We will not be responsible for any consequences, direct or indirect, of any use which you make of the test results. Under no circumstances including negligence, shall HP Environmental, Inc. or any of its officers or employees, be liable for any incidental, special or consequential damages that result from the use or inability to use the test results or related documentation provided by HP Environmental, even if HP Environmental or its authorized representative has been advised of the possibility of such damages. In no event shall HP Environmental's liability to you or your firm for all damages, losses, and causes of action [whether in contract, tort (including negligence) or otherwise] exceed the amount paid by you for these services of HP Environmental, Inc.

Controlling Law and Severability

These terms and conditions shall be governed by and construed in accordance with the laws of the United States and the Commonwealth of Virginia, as applied to agreements entered into and to be performed entirely within the Commonwealth of Virginia. If for any reason a court of competent jurisdiction finds any provisions of these terms and conditions, or portion thereof, to be unenforceable, that provision of the terms and conditions shall be enforced to the maximum extent permissible so as to effect the intent of the parties, and the remainder of these terms and conditions shall continue in full force and effect.

Complete Agreement

These terms and conditions constitute the entire agreement between parties with respect to testing and other services provided by HP Environmental, Inc., including related documents, and supersedes all prior or contemporaneous understandings or agreements, written or oral, regarding such subject matter. No amendment to or modification of these terms or conditions will be binding unless in writing and signed by a duly authorized representative of HP Environmental, Inc.



E N V I R O N M E N T A L
I N C O R P O R A T E D

Test Request Form

Page 1 of 1

CLIENT NAME MDW/DPW Safety, Occup. Health & Env. Div.	RPT. NO.	FOR LABORATORY USE ONLY REF. NO. 0011186
ADDRESS Bldg 313, Fort Myer	RECEIVED BY:	DATE
Arlington, VA 22211-5050	ANALYZED BY:	DATE
PHONE / FAX (703)696-6365 (703)696-2185	REVIEWED BY:	DATE

PLEASE TYPE OR PRESS HARD WITH A BALL POINT PEN

P.O. # / CONTRACT # / CALL # / JOB 358 Mr. Donald P. Lane, ANPW-OH	CONTACT PERSON	COLLECTED BY: KEN GANTT	DATE 10-21-92
PROJECT LOCATION FT MYER BUILDING 214 MENS LOCKER AREA		SUBMITTED BY: KEN GANTT	DATE 10-21-92
TEST(S) REQUESTED OR TEST CODES (NOTE WITH EACH SAMPLE IF NECESSARY) ASBESTOS - CONTENT Fiber Count	TOTAL NUMBER OF SAMPLES 4	MODE OF SHIPMENT PICK UP	
☒ ROUTINE ☒ RUSH ☐ FAX ☒ PHONE	DESCRIBE THE PACKAGE OR SAMPLES CLEAR PLASTIC ZIP LOCK BAG		

SAMPLE NO.	TYPE	SAMPLE LOCATION & REMARKS	VOLUME / AREA			
NO. 01 FM21410219201		PERSONAL Pump on RigoBERTO	FLOW 2.3	TIME ON 0820	FLOW 2.3	TIME OFF 1125
TEST CODE:		NIEVES WHILE GLOVE BAGGING	LITERS OR AREA			
NO. 02 FM21410219202		Ground floor mens Locker	FLOW 2.3	TIME ON 0820	FLOW 2.3	TIME OFF 1325
TEST CODE:		Room. Area sample by doorway	LITERS OR AREA			
NO. 03 FM21410219203		Ground floor mens Locker	FLOW 2.3	TIME ON 0820	FLOW 2.3	TIME OFF 1330
TEST CODE:		Room, area sample by EXIT	LITERS OR AREA			
NO. 04 FM21410219204		"FINAL FOR CLEARANCE"	FLOW 12.0	TIME ON 1130	FLOW 12.0	TIME OFF 1330
TEST CODE:			LITERS OR AREA			
NO. 05			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 06			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 07			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 08			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 09			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 10			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 11			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 12			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			

Instructions

The name, address and phone number of the client must be entered before submitting samples. Client information can be pre-printed by the laboratory upon request. Order of service is established by completing the "collected by" and "submitted by" sections of the form including the number of samples, mode of shipment, and package description. The upper right section containing the report number and "received by" line are for the use of laboratory personnel. If different tests are requested, list those tests in the line above the Routine/Rush check boxes. If different tests are required for different samples, this information should be entered directly below the individual sample numbers on the "test code" line. Test codes can be used to identify different samples when codes are available in the fee schedule listing. The general project or job site to be listed on the report should be entered in the "Project" line. Sample locations, frequently included on test reports, can be entered next to the sample number. Collection volume or area necessary to calculate some reporting calculations should be provided in the Volume/Area section on the right side of the form. Results for samples submitted for analysis will be reported in convertible units whenever possible. Please refer to the reference number in the upper right of this form when inquiring about test results.

Terms & Conditions

Credit Terms

Invoices are rendered and must be paid on the day tests are completed. Under some conditions partial invoices may be issued. Invoice terms are net 30 days from the date of the invoice, after which time a service charge of 2% may be added to any overdue account. All billing will be direct to the client unless instructions to bill differently are received in writing; however the client will continue to be responsible for and guarantees the payment of the bill.

Confidentiality

The information you provide is considered confidential and will not be released to anyone other than the client. If test results are subpoenaed for any reason by a court or regulatory agency, the results will be released to satisfy that subpoena. The client will be notified in this event.

Sample Retention

Samples submitted for testing are retained for 3 weeks after reporting or determining that the testing will not be performed. If longer retention is required, this can be arranged and may involve additional charges. We reserve the right to return samples or charge a sample disposal fee.

Emergency Service

Requests for rapid turn-around as soon as possible (RUSH) usually within 24 hours will be accepted whenever possible. A surcharge of 100% per test will be applied to charges for these requests.

Litigation

By providing samples for testing, you agree that HP Environmental, Inc., its officers and employees, are not agreeing to participate in any litigation as experts or witnesses. If you are required to participate in litigation as a result of analysis or other services, all costs associated with compliance with any subpoena for documents, testimony, travel, or other expenses in connection with litigation, including, without limitation, reasonable attorney's fees, shall be paid by you. These costs will include our personnel costs, cost of travel, accommodation, mileage, and other expenses deemed reasonable which are associated with litigation.

Disclaimer of Warranties

We do not make any warranty, expressed or implied, with regard to testing or other work related to samples submitted for testing. We do not quote or provide any warranty. We expressly disclaim all warranties, expressed or implied, including, but not limited to, a Warranty of Fitness for Particular Purpose and Warranty of Merchantability. Furthermore, HP Environmental, Inc. does not make any representations regarding the use of test results or related documentation with respect to their correctness, accuracy, reliability, or otherwise. No oral or written information or advice given by HP Environmental, Inc. or its officers or employees shall create a warranty or in any way increase the scope of this warranty. No purchase order or other order for work shall be considered by HP Environmental, Inc. which includes any conditions that vary from HP Environmental's terms and conditions described herein.

Limitation of Liability

We do not accept any liability, without knowing the purpose for which the test results are intended. Consequently, we do not accept any legal responsibility for any use of the test results. We will not be responsible for any consequences, direct or indirect, of any use which you make of the test results. Under no circumstances including negligence, shall HP Environmental, Inc. or any of its officers or employees, be liable for any direct, indirect or consequential damages that result from the use or inability to use the test results or related documentation provided by HP Environmental, Inc. even if HP Environmental or its authorized representative has been advised of the possibility of such damages. In no event shall HP Environmental, Inc. be liable to you or your firm for all damages, losses, and causes of action (whether in contract, tort (including negligence), or otherwise) that may be claimed by you for these services of HP Environmental, Inc.

Contract Law and Governing Law

These terms and conditions shall be governed by and construed in accordance with the laws of the United States and the Commonwealth of Virginia, as applicable. All work shall be performed entirely within the Commonwealth of Virginia. If for any reason a court of competent jurisdiction in any state or country determines these terms and conditions, or portion thereof, to be unenforceable, that provision of the terms and conditions shall be deemed null and void and shall be amended so as to effect the intent of the parties, and the remainder of these terms and conditions shall continue to be in full force and effect.

Entire Agreement

These terms and conditions constitute the entire agreement between parties with respect to testing and other services provided by HP Environmental, Inc. and shall be binding on all parties and supersedes all prior or contemporaneous understandings or agreements, written or oral, regarding such subject matter. Any amendment to or modification of these terms or conditions will be binding unless in writing and signed by a duly authorized representative of HP Environmental, Inc.

Client Name U.S. ARMY CORPS OF ENGINEERS (CENAC-SO)		Report # 913038	Project # OFFICER C.
Address BLDG 203, Custer Road, Room 202, EA, CA		Received by	Date
Fort Myer, Arlington, VA 22211-5050		Analyzed by	Date
Phone / FAX 703-696-6365/70/57 / 703-696-6422		Reviewed by	Date
Collected by KEN GANTT <i>(CALL #28)</i>	Date 4-28-91	Shipped by KEN GANTT	Date 4-28-91
Package Description WHITE PAPER BAG			
Project Location CAMERON STATION FT MEYER Bldg. 214			
Analysis Requested DON LANE PCM		☒ Routine ☒ Rush 2, 4, 10, 12 ☐ Emergency	
# of Samples 13	Mode of Shipment		
☐ Analysis or TAT different for some samples ☐ FAX Results Please ☐ Verbal Report Please			

Sample #	Type	Location	Volume/Area
1 91042801	00728	AREA PUMP IN LADIES LOCKER	Flow Time Flow Time 11.6 0740 11.6 085
Test		ROOM LOCATED IN CENTER OF ROOM 13670	Liters Area
2 91042802	00871	AREA PUMP IN HALLWAY AREA	Flow Time Flow Time 11.7 0745 11.7 084
Test		BEFORE ABATMENT HAS STARTED	Liters Area
3 91042803	07720	AREA PUMP IN MECHANICAL ROOM BEFORE	Flow Time Flow Time 11.4 0750 11.4 093
Test		JOB HAS STARTED	Liters Area
4 91042804		PERSONAL PUMP JIM BENNETT WHILE	Flow Time Flow Time 2.0 0940 2.0 120
Test		WORKING IN MECHANICAL ROOM	Liters Area
5 91042805	5997	AREA PUMP IN HALLWAY DOWN	Flow Time Flow Time 2.3 0935 2.3 121
Test		FROM TIME CLOCK 6' FROM FLOOR	Liters Area
6 91042806	5999	AREA PUMP LOCATED IN HALLWAY 6'	Flow Time Flow Time 2.0 0935 2.0 120
Test		FROM FLOOR (MECHANICAL ROOM)	Liters Area
7 91042807	MSA	MSA PERSONAL PUMP DENNIS KNIZNER	Flow Time Flow Time 2.3 0940 2.3 120
Test			Liters Area
8 91042808	07720	AREA PUMP IN MECHANICAL ROOM	Flow Time Flow Time 11.4 1200 11.4 133
Test	20,002	FOR "CLEARANCE"	Liters Area
9 91042809	07728	AREA PUMP IN LADIES LOCKER ROOM	Flow Time Flow Time 11.6 1230 11.6 134
Test	NFO	FOR "CLEARANCE"	Liters Area
10 91042810	00871	AREA PUMP IN HALLWAY AREA	Flow Time Flow Time 11.7 1230 11.7 134
Test	20,002	FOR "CLEARANCE"	Liters Area
11 91042811	5997	PERSONAL PUMP ON JIM BENNETT	Flow Time Flow Time 2.3 1230 2.3 132
Test		GLOVE BAG JOB IN MECHANICAL ROOM	Liters Area
12 91042812	07720	AREA PUMP IN MECHANICAL ROOM	Flow Time Flow Time 11.4 1320 11.4 140
Test	(NFO)	IN GLOVE BAG AREA "CLEARANCE"	Liters Area
13 91042813		Field Blank	Flow Time Flow Time
Test			Liters Area
14			Flow Time Flow Time
Test			Liters Area

104 Elden Street
Herndon, Virginia 20170

Phone: 703 • 471-4200
Facsimile: 703 • 471-0020

HPE

HP ENVIRONMENTAL
INCORPORATED

93036

Test Request Form

Page ____ of ____

CLIENT NAME LAURA LOKEY-FLIPPO	RPT. NO.	FOR LABORATORY USE ONLY REF. NO. 47579
ADDRESS 106 STEWART RD BLDG 313 RM 4	RECEIVED BY: <i>Clara</i>	DATE 1/19/09
FT MYER, VA 22211	ANALYZED BY:	DATE
PHONE / FAX 703-696-8306 / 703-696-2185	REVIEWED BY:	DATE

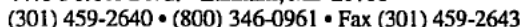
PLEASE TYPE OR PRESS HARD WITH BALL POINT PEN.

P.O. # / CONTRACT # / CALL # / JOB #	CONTACT PERSON	COLLECTED BY: Mary Thomas	DATE 15 Jan 09
PROJECT LOCATION BLDG 214, Koran Room		SUBMITTED BY: Laura Loky-Flippo	DATE 15 Jan 09
TEST(S) REQUESTED OR TEST CODES (NOTE WITH EACH SAMPLE IF NECESSARY) LEAD	TOTAL NUMBER OF SAMPLES 4	MODE OF SHIPMENT	
☒ ROUTINE ☐ RUSH ☒ FAX ☐ PHONE	DESCRIBE THE PACKAGE OR SAMPLES Tubes		

SAMPLE NO.	TYPE	SAMPLE LOCATION & REMARKS	VOLUME / AREA			
NO. 01 MYR214KR01		Yellow paint, Right wall from entrance beside kitchen	FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 02 MYR214KR02		Yellow paint, opposite wall from entrance at north end of room beside emergency exit	FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 03 MYR214KR03		White paint, baseboard on right wall from entrance beside kitchen	FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 04 MYR214KR04		White paint, baseboard on opposite wall from entrance at north end of room beside emergency exit	FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 05			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 06			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 07			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 08			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 09			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 10			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 11			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 12			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			

Client Name U.S. ARMY CORPS OF ENGINEERS (CENAC-SO)		Report # _____	Project # _____
Address BLDG 203, Custer Road, Room 202, EA, CA		Received by _____	Date _____
Fort Myer, Arlington, VA 22211-5050		Analyzed by _____	Date _____
Phone / FAX 703-696-6365/70/57 / 703-696-6422		Reviewed by _____	Date _____
Collected by KEN GANTT	Date Call #173-24-91	Shipped by KEN GANTT	Date _____
Package Description BLACK CASSETTE IN WHITE PAPER BAG			
Project Location FT MEYER [REDACTED] MECHANICAL ROOM Bldg #21			
Analysis Requested NOV LANE		☐ Routine ☐ Analysis or TAT different for some samples ☐ Rush ☐ FAX Results Please ☐ Emergency ☐ Verbal Report Please	
# of Samples 6	Mode of Shipment _____		

Sample #	Type	Location	Volume/Area
1 <u>91032414</u>	<u>5999</u>	PERSONAL PUMP ON REGIO NIEVES	Flow Time Flow Time 2.1 1320 2.1 1520
Test		IN MECHANICAL ROOM OFFICER CLUB	Liters Area 100 MIN
2 <u>91032415</u>	<u>6000</u>	AREA PUMP LOCATED TO ENTRANCE	Flow Time Flow Time 2.0 1320 2.0 1620
Test		TO APARTMENT AREA (DUSTY & MACHINERY ROOM)	Liters Area 180 MIN
3 <u>91032416</u>	<u>0889</u>	AREA PUMP IN CENTER OF MECHANICAL	Flow Time Flow Time 9.4 0710 9.4 09
Test		Room [REDACTED] BEFORE JOB STARTED	Liters Area 110 MIN
4 <u>91032417</u>	<u>0889</u>	FINAL IN CENTER OF MECHANICAL ROOM	Flow Time Flow Time 9.4 1600 9.4 175
Test		AT [REDACTED]	Liters Area 110 MIN
5 <u>91032418</u>		FIELD BLANK	Flow Time Flow Time
Test			Liters Area
6 <u>91032419</u>	<u>MSA</u>	PERSON PUMP ON REGIO NIEVES IN	Flow Time Flow Time 2.0 1515 2.0 160
Test		WORK AREA MECHANICAL ROOM [REDACTED]	Liters Area 40 MIN
7			Flow Time Flow Time
Test			Liters Area
8			Flow Time Flow Time
Test			Liters Area
9			Flow Time Flow Time
Test			Liters Area
10			Flow Time Flow Time
Test			Liters Area
11			Flow Time Flow Time
Test			Liters Area
12			Flow Time Flow Time
Test			Liters Area
13			Flow Time Flow Time
Test			Liters Area
14			Flow Time Flow Time
Test			Liters Area



*by submitting samples to AMA, you agree to abide by all of our terms & conditions. Please contact the laboratory at info@ama-lab.com for a copy of our Terms & Conditions.



RECORD OF DAILY ACTIVITY

Project: Behind 714 Jackson Ave Fort Myers Va Project Location: Pavilion
 Project Number: Gazebos Pavilion HEC Personnel: Justin Hensley
 Client: WM Activity Date: 06/29/23

TIME LINE	
-01	Roofing shingles
-02	tar roof
-03	compound edge of shingle
-04	Roofing shingles
-05	tar roof
-06	compound edge of shingle
-07	Roofing shingle
-08	Tar
-09	white compound
-10	Ceiling tile
-11	" "
-12	" "
-13	Window compound * Windows not old no glaze found
-14	" "
-15	" "
-16	Wall under wood panel (lower part Front gazebo)
-17	" "
-18	" "
-19	particle board over walls
-20	" "
-21	" "
-22	Board Back of inside
-23	" "
-24	" "
	Lead paint samples
-25	White paint door
-26	White paint inside Front
-27	White paint on duct

FINAL REVIEW: _____



Chain of Custody: 346166

Client: HE Consulting

Address: 188 Southdown Road
Edgewater, MD 21037

Attention: Phil Haun

CERTIFICATE OF ANALYSIS

Job Name: Fort Myer

Job Location: 214 Jackson Avenue, Fort Myer, VA

Job Number: Gazebo

P.O. Number: Not Provided

Date Submitted: 06/27/2023

Date Analyzed: 06/28/2023

Report Date: 06/28/2023

Date Sampled: 06/27/2023

Person Submitting: Justin Hensley

Summary of Polarized Light Microscopy

AMA Sample Number	Client Sample Number	Total Asbestos	Chrysotile Percent	Amosite Percent	Crocidolite Percent	Other Asbestos Percent	Mineral Wool Percent	Fiberglass Percent	Organic Percent	Synthetic Percent	Other Percent	Particulate Percent	Sample Type	Sample Color	Homogeneity	Analyst ID	Comments
346166-1	01	NAD	--	--	--	--	--	20	--	--	--	80	RS	Black	Homogeneous	SW	
346166-2	02	NAD	--	--	--	--	--	TR	--	--	--	100	Tar	Multi	Homogeneous	SW	
346166-3	03	NAD	--	--	--	--	--	--	TR	--	--	100	LC	Tan	Homogeneous	SW	
346166-4	04	NAD	--	--	--	--	--	20	--	--	--	80	RS	Black	Homogeneous	SW	
346166-5	05	NAD	--	--	--	--	--	TR	--	--	--	100	RT	Black	Homogeneous	SW	
346166-6	06	NAD	--	--	--	--	--	--	TR	--	--	100	LC	Tan	Homogeneous	SW	
346166-7	07	NAD	--	--	--	--	--	20	--	--	--	80	RS	Black	Homogeneous	SW	
346166-8	08	NAD	--	--	--	--	--	--	--	--	--	100	Tar	Black	Homogeneous	SW	
346166-9	09	NAD	--	--	--	--	--	--	--	--	--	100	LC	Tan	Homogeneous	SW	
346166-10	10	NAD	--	--	--	--	20	--	40	--	--	40	CT	Multi	Layered	SW	
346166-11	11	NAD	--	--	--	--	10	--	50	--	--	40	CT	Multi	Layered	SW	
346166-12	12	NAD	--	--	--	--	15	--	45	--	--	40	CT	Multi	Layered	SW	
346166-13	13	NAD	--	--	--	--	--	--	--	--	--	100	CK	Beige	Homogeneous	SW	
346166-14	14	NAD	--	--	--	--	--	--	--	--	--	100	CK	Beige	Homogeneous	SW	
346166-15	15	NAD	--	--	--	--	--	--	--	--	--	100	CK	Beige	Homogeneous	SW	
346166-16	16	NAD	--	--	--	--	--	--	TR	--	--	100	WPL	Tan	Homogeneous	SW	
346166-17	17	NAD	--	--	--	--	--	--	TR	--	--	100	WPL	Tan	Homogeneous	SW	
346166-18	18	NAD	--	--	--	--	--	--	TR	--	--	100	WPL	Tan	Homogeneous	SW	
346166-19	19	NAD	--	--	--	--	--	--	70	--	--	30	WB	Multi	Layered	SW	
346166-20	20	NAD	--	--	--	--	--	--	70	--	--	30	WB	Multi	Layered	SW	
346166-21	21	NAD	--	--	--	--	--	--	70	--	--	30	WB	Multi	Layered	SW	
346166-22	22	NAD	--	--	--	--	--	--	90	--	--	10	WB	Brown	Homogeneous	SW	
346166-23	23	NAD	--	--	--	--	--	--	90	--	--	10	WB	Brown	Homogeneous	SW	
346166-24	24	NAD	--	--	--	--	--	--	90	--	--	10	WB	Brown	Homogeneous	SW	



AMA Analytical Services, Inc.
Focused On Results.

CERTIFICATE OF ANALYSIS

Chain of Custody: 346166

Client: HE Consulting

Address: 188 Southdown Road
Edgewater, MD 21037

Attention: Phil Haun

Job Name: Fort Myer

Job Location: 214 Jackson Avenue, Fort Myer, VA

Job Number: Gazebo

P.O. Number: Not Provided

Date Submitted: 06/27/2023

Date Analyzed: 06/28/2023

Report Date: 06/28/2023

Date Sampled: 06/27/2023

Person Submitting: Justin Hensley

Summary of Polarized Light Microscopy

AMA Sample Number	Client Sample Number	Total Asbestos	Chrysotile Percent	Amosite Percent	Crocidolite Percent	Other Asbestos Percent	Mineral Wool Percent	Fiberglass Percent	Organic Percent	Synthetic Percent	Other Percent	Particulate Percent	Sample Type	Sample Color	Homogeneity	Analyst ID	Comments
-------------------------	----------------------------	-------------------	-----------------------	--------------------	------------------------	------------------------------	----------------------------	-----------------------	--------------------	----------------------	------------------	------------------------	----------------	-----------------	-------------	---------------	----------

The following footnotes only apply to those samples which the total asbestos result is flagged with a note number.

¹ TEM RECOMMENDATION - Please note, due to resolution limitations with optical microscopy and/or interference from matrix components of this sample, results which are reported via PLM as negative or trace (<1%) for asbestos may contain a significant quantity of asbestos. It is recommended that the additional analytical technique of TEM be used to check for asbestos fibers below the resolution limits of optical microscopy.

² MATRIX REDUCTION RECOMMENDATION - Please note, due to interference from the matrix components of this sample, results which are reported via PLM as negative or trace (<1%) for asbestos may contain a significant quantity of asbestos which is obscured from view. It is recommended that the additional preparation technique of gravimetric reduction be performed on this sample to minimize the obscuring effects of matrix components, followed by reanalysis by PLM and/or TEM.

Analysis Method - EPA/600/R-93/116 dated July 1993

NAD = "No Asbestos Detected" TR = "Trace equals less than 1% of this component"

Uncertainty: For samples containing asbestos in range of 1-10% the CV is 0.43, 11-35% CV=0.55, >35 CV=0.23. All results are to be considered preliminary and subject to change unless signed by the Technical Director or Deputy.

Analyst(s): Surat Watson

**Technical
Director** Michael Greenberg

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations, and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.


AMERISCI
AmeriSci Richmond
 13635 GENITO ROAD
 MIDLOTHIAN, VIRGINIA 23112
 TEL: (804) 763-1200 • FAX: (804) 763-1800
PLM Bulk Asbestos Report
 HP ENVIRONMENTAL, INC.
 Attn: Jana Schroeder
 104 Elden Street

Herndon, VA 22070

Date Received 01/21/09

Date Examined 01/22/09

RE: Bldg 214

AmeriSci Job # 109011492

P.O. #

Page 1 of 2

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
MYR214KR05	109011492-01	No	NAD ¹
Location: Yellow Ceiling, North Wall With Set-In Track Lighting			(by CVES) by C. David Mintz on 01/22/09
Analyst Description: Yellow - White, Heterogeneous, Non-Fibrous, Core Sample			
Asbestos Types:			
Other Material: Cellulose 2 %, Non-fibrous 98 %			
MYR214KR06	109011492-02	No	NAD ¹
Location: Yellow Ceiling, West Wall Corner			(by CVES) by C. David Mintz on 01/22/09
Analyst Description: Yellow - White, Heterogeneous, Non-Fibrous, Core Sample			
Asbestos Types:			
Other Material: Cellulose Trace, Non-fibrous 100 %			
MYR214KR07	109011492-03	No	NAD
Location: Yellow Ceiling, East Wall Beside Kitchen Entrance			(by CVES) by C. David Mintz on 01/22/09
Analyst Description: Yellow - White, Heterogeneous, Non-Fibrous, Core Sample			
Asbestos Types:			
Other Material: Cellulose Trace, Non-fibrous 100 %			
MYR214KR08	109011492-04	No	NAD
Location: Yellow Drywall, East Wall Beside Kitchen Entrance			(by CVES) by C. David Mintz on 01/22/09
Analyst Description: Yellow - White, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 4 %, Non-fibrous 96 %			
MYR214KR09	109011492-05	No	NAD
Location: Yellow Drywall, West Wall, North End Beside Emergency Exit			(by CVES) by C. David Mintz on 01/22/09
Analyst Description: Yellow & White & Brown, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 8 %, Non-fibrous 92 %			

22-2009 THU 02:52 PM

P:004

01/22/2009 13:55 8047631800

AMERISCI

PAGE 02/03

AmeriSci Job #: 109011492

Page 2 of 2

Client Name: HP ENVIRONMENTAL, INC.

PLM Bulk Asbestos Report

Bldg 214

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
MYR214KR10	109011492-06	No	NAD
Location: Mastio Underneath Carpet, Northwest Corner Beside Emergency Exit			(by CVES) by C. David Mintz on 01/22/09
Analyst Description: Lt. Green, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 2 %, Synthetic fibers 4 %, Non-fibrous 94 %			

Reporting Notes:

(1) Insufficient material submitted for accurate quantitation during PLM analysis (no QC possible).

Analyzed by: C. David Mintz

Date

1/22/09

"NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.26%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis by EPA 800/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples (198.6 for NOB samples)(NYS DOH ELAP Lab # 10984); CA ELAP Lab # 2608; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 69, 148, 38970, 9/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: _____

HP Environmental, Inc.

Report Number 913021

Date Reported 3/22/91

Client Name & Address: Corps of Engineers ATTN: Don Lane Building 203, Ft. Myer Arlington, VA 22211-5050		Collected by: Don Lane & Kenny 3/20/91 Gantt	
		Shipped by: Russ McGuiney 3/20/91	
		Received by: Piotr Chmielinski 3/20/91	
Sample Collection Site: Fort Myer Building #214, [REDACTED] Arlington, VA 22211-5050 Call #15		Analyzed by: AMA 3/21/91	
		Reviewed by: Piotr Chmielinski 3/22/91	
		Reported by: Piotr Chmielinski 3/22/91	
Sample/Lab ID	Type	Location	Asbestos

COE032091-1	Bulk	Bldg. #214, [REDACTED] elbow near the removed boiler	Chrysotile 20-25% Non-fibrous Material 75-80%
COE032091-2	Bulk	Bldg. #214, [REDACTED] elbow near the removed boiler	Chrysotile 25-30% Mineral Wool <1% Non-fibrous Material 70-75%
COE032091-3	Bulk	Bldg. #214, [REDACTED] elbow near ceiling	Chrysotile 15-20% Amosite 40-45% Non-fibrous Material 35-45%

HP Environmental, Inc.

11874 Sunrise Valley Drive
Reston, Virginia 22091

Bulk Asbestos Report

Corp of Engineers
Attn: Don Lane
USAEA, CA, Building 203
Arlington, VA 22211-5050

Date Received 3/20/91

Date Examined 3/21/91

Job Site Fort Myer, Building #214, [REDACTED]
Arlington, VA 22211-5050: Call #15

Report Number 913021

Date Reported 3/22/91

Sample No.	Lab No.	Asbestos Present	Percentage
COE032091-01	913021-01	Yes	20-25 %
Location: Bldg. #214, [REDACTED] elbow near the removed boiler.			
Description: Grey, Homogeneous, Friable, Fibrous, Bulk Material			
Chrysotile 20-25 % Non-fibrous 75-80 %			
COE032091-02	913021-02	Yes	25-30 %
Location: Bldg. #214, [REDACTED] elbow near the removed boiler.			
Description: Grey, Homogeneous, Friable, Fibrous, Bulk Material			
Chrysotile 25-30 % Mineral Wool Trace Non-fibrous 70-75 %			
COE032091-03	913021-03	Yes	60-65 %
Location: Bldg. #214, [REDACTED] elbow near the ceiling.			
Description: Grey, Homogeneous, Friable, Fibrous, Bulk Material			
Amosite 40-45 % Chrysotile 15-20 % Non-fibrous 40-45 %			

Note: N.F.O. = No observed asbestiform minerals. "Trace" = Present at or below 1 w/w percent.
Samples analyzed by AMA using Polarized Light Microscopy with DS.
Laboratory Director: R. Hugh Granger, Ph.D.

HP Environmental, Inc.

Report Number 913018

Date Reported 3/19/91

Client Name & Address: Corps of Engineers ATTN: Don Lane Building 203, Ft. Myer Arlington, VA 22211-5050			Collected by: Don Lane 3/15/91
			Shipped by: Don Lane 3/15/91
			Received by: Piotr Chmielinski 3/15/91
Sample Collection Site: Fort Myer, Building 214 Arlington, VA 22211-5050 Call #13			Analyzed by: AMA 3/19/91
			Reviewed by: Piotr Chmielinski 3/19/91
			Reported by: Piotr Chmielinski 3/19/91
Sample/Lab ID	Type	Location	Asbestos

910315-01	Bulk	Bldg. 214, Basement, Mechanical Room, pipe elbow	Fiberglass 30-35% Organic Fibers <1% Non-fibrous Material 65-70%
910315-02	Bulk	Bldg. 214, Basement, Hallway near Ladies Locker Room	Fiberglass 30-35% Organic Fibers <1% Non-fibrous Material 65-70%
910315-03	Bulk	Bldg. 214, Basement, Hallway near Ladies Locker Room, pipe covering	Chrysotile 5-10% Organic Fibers 65-75% Non-fibrous Material 20-25%

HP Environmental, Inc.

11874 Sunrise Valley Drive
Reston, Virginia 22091

Bulk Asbestos Report

Corp of Engineers
Attn: Don Lane
USAEA, CA, Building 203
Arlington, VA 22211-5050

Date Received 3/15/91

Date Examined 3/19/91

Job Site Fort Myer, Building 214

Arlington, VA 22211-5050: Call #13

Report Number 913018

Date Reported 3/19/91

Sample No.	Lab No.	Asbestos Present	Percentage
910315-01	913018-01	No	≤ 1. %
Location: Bldg. 214. Basement, Mechanical room, pipe elbow.			
Description: Grey, Homogeneous, Friable, Fibrous, Bulk Material			
Organic Fibers	Trace Fiberglass	30-35 % Non-fibrous	65-70 %
910315-02	913018-02	No	≤ 1. %
Location: Bldg. 214, Basement, Halway near ladies Locker Room, pipe covering.			
Description: Grey, Homogeneous, Friable, Fibrous, Bulk Material			
Organic Fibers	Trace Fiberglass	30-35 % Non-fibrous	65-70 %
910315-03	913018-03	Yes	5-10 %
Location: Bldg. 214, Basement, Hallway near Ladies Locker Room, pipe covering.			
Description: Grey, Homogeneous, Friable, Fibrous, Bulk Material			
Chrysotile	5-10 % Organic Fibers	70-75 % Non-fibrous	20-25 %

Note: N.F.O. = No observed asbestiform minerals. "Trace" = Present at or below 1 w/w percent.
Samples analyzed by AMA using Polarized Light Microscopy with DS.
Laboratory Director: R. Hugh Granger, Ph.D.



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 3/16/95 **Report Number** 953301
Attn: Edna Barber
ARMY PW-V Bldg. 313, Rm.4, Fort **Date Reported** 3/20/95 **Page 1 of 1**
Myer
Arlington, VA 22211-5050 **Project Location** Call 861, Fort Myer, Building 214,
Arlington, VA 22211-5050

Sample No.	Lab No.	Asbestos Present	Percentage
FM211403159501	953301-01	No	≤ 1. %

Location: Sample from wall in freezer box, basement

Description: White, Homogeneous, Non-Friable, Non-Fibrous, Bulk Material
Other fibers >1-5 % Misc. Binder 90-95 %

Reporting Notes:

** "Trace = Present at or below 1 w/w percent. Samples analyzed by SunB. Cambon using
Polarized Light Microscopy with DS. Laboratory Director: R. Hugh Granger, Ph.D.



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 9/25/02 **Report Number** 025453
Attn: Kenny Gantt
ANMY PW-V **Date Reported** 9/30/02 **Page** 1 of 1
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Call #1065, Fort Myer, Bldg. 214, Ceiling
Mech. Rm. (Baker)

Sample No.	Lab No.	Asbestos Present	Percentage
FM214-092402-01	025453-01	No	≤ 1. %
Location: Sample of ceiling material collected by Baker from basement mech. room			
Description: Tan, Homogeneous, Non-Friable, Non-Fibrous, Ceiling Material			
Misc. Binder 95-99 %			

Reporting Notes:

* * "Trace = Present at or below 1 w/w percent. Samples analyzed by Sun B. Bowling using
Polarized Light Microscopy with DS. Laboratory Director: R. Hugh Granger, Ph.D., CIH

104 Elden Street
Herndon, Virginia 22070



Phone: 703 • 471-4200
Facsimile: 703 • 471-0020

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INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division	Date Received	9/25/02	Report Number	025453
Attn: Kenny Gantt				
ANMY PW-V	Date Reported	9/30/02	Page	1 of 1
Bldg. 313, Rm.4, Fort Myer				
Arlington, VA 22211-5050	Project Location	Call #1065, Fort Myer, Bldg. 214, Ceiling Mech. Rm. (Baker)		

Sample No.	Lab No.	Asbestos Present	Percentage
FM214-092402-01	025453-01	No	≤ 1. %
Location:	Sample of ceiling material collected by Baker from basement mech. room		
Description:	Tan, Homogeneous, Non-Friable, Non-Fibrous, Ceiling Material		
Misc. Binder	95-99 %		

Reporting Notes:

** "Trace = Present at or below 1 w/w percent. Samples analyzed by Sun B. Bowling using Polarized Light Microscopy with DS. Laboratory Director: R. Hugh Granger, Ph.D., CIH

104 Elden Street
Herndon, Virginia 22070

Phone: 703 • 471-4200
Facsimile: 703 • 471-0020



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INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division	Date Received	8/8/03	Report Number	034451
Attn: Kenny Gantt	Date Reported	8/12/03	Page	1 of 2
ANMY PW-V	Project Location	Call # 1318, Ft. Myer, Bldg 214, Lamplighter Lounge		
Bldg. 313, Rm.4, Fort Myer				
Arlington, VA 22211-5050				

Sample No.	Lab No.	Asbestos Present	Percentage
FM-214073103-01	034451-01	Yes	>1-5 %
Location: Lamplighter Lounge, floor mastic, left far corner			
Description: Black, Homogeneous, Non-Friable, Fibrous, Mastic Chrysotile >1-5 % Misc. Binder 90-95 %			
FM-214073103-02	034451-02	No	≤ 1. %
Location: Popcorn ceiling, entrance cover			
Description: Off White, Homogeneous, Non-Friable, Non-Fibrous, Bulk Material Misc. Binder 95-99 %			
FM-214073103-03	034451-03	No	≤ 1. %
Location: Left far corner wall, white coat			
Description: White, Homogeneous, Friable, Non-Fibrous, Bulk Material Cellulose Trace Misc. Binder 95-99 %			
FM-214073103-04	034451-04	No	≤ 1. %
Location: Brown coat			
Description: Brown, Homogeneous, Friable, Non-Fibrous, Bulk Material Misc. Binder 95-99 %			
FM-214073103-05	034451-05	No	≤ 1. %
Location: Right corner ceiling, sheet rock core			
Description: Off White, Homogeneous, Friable, Fibrous, Bulk Material Cellulose >1-5 % Misc. Binder 90-95 %			
FM-214073103-06	034451-06	No	≤ 1. %
Location: Left center wall, white coat			
Description: Off White, Homogeneous, Friable, Non-Fibrous, Bulk Material Cellulose Trace Misc. Binder 95-99 %			

**AmeriSci Richmond**

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

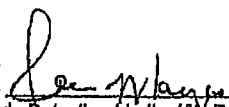
PLM Bulk Asbestos Report

HP ENVIRONMENTAL, INC.
Attn: Brent Sharrer
104 Elden Street
Suite 11
Herndon, VA 20170

Date Received 11/02/11 AmeriSci Job # 111111058
Date Examined 11/02/11 P.O. #
Page 1 of 1
RE: Bldg 214, 2nd Floor Kitchen Prep Room

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
M4214001	111111058-01.1	No	NAD
Location: Bldg 214, 2nd Floor Kitchen Prep Room 4x4 Section Ceiling Over Table			(by CVES) by Jean L. Mayes on 11/02/11
Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
M4214001	111111058-01.2	No	NAD
Location: Bldg 214, 2nd Floor Kitchen Prep Room 4x4 Section Ceiling Over Table			(by CVES) by Jean L. Mayes on 11/02/11
Analyst Description: Tan, Heterogeneous, Non-Fibrous, Base Coat (Plaster)			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

Reporting Notes:

Analyzed by: Jean L. Mayes  Date 11/2/11
*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples (198.6 for NOB samples)(NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.
Reviewed By: _____



**HP ENVIRONMENTAL
INCORPORATED**

January 22, 2009

Fort Myer Military Community
Bldg. 313, Rm. 4
106 Stewart Road
Fort Myer, VA 22211

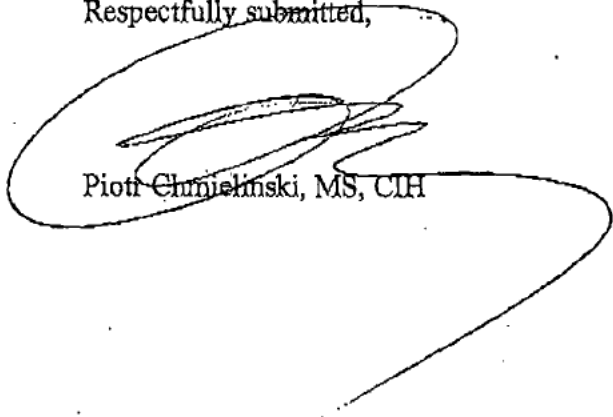
Re: Results of Asbestos Bulk Samples – Building 214

Dear Ms. Lokey-Flippo,

At your request, HP Environmental, Inc. (HPE) had the six (6) samples you submitted to our office analyzed for asbestos via Polarized Light Microscopy. The certificate of laboratory analysis, which outlines the analytical results for each sample, is attached.

Please call our office (703-471-4200) if you have any questions.

Respectfully submitted,



Piotr Chmielewski, MS, CIH

104 Elden Street
Herndon, Virginia 20170



Phone: 703-471-4200
Facsimile: 703-471-0020
www.hpenvironment.com

Report Number: 93036

HP ENVIRONMENTAL
INCORPORATED

Page 2 of 2

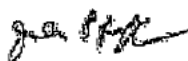
Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division
Attn: Dennis Knizner
ARMY PW-V Bldg. 313, Rm. 4
Fort Myer
Arlington, VA 22211-5050

Date Received: 01/19/09
Date Reported: 01/27/09
Project Location: Bldg 214, Koran Room

Report Notes:

U U = Compound was not detected



John Pfaff, MS
Laboratory Director, Environ. & IH Chemistry

104 Elden Street
Herndon, Virginia 20170

Phone: 703-471-4200
Facsimile: 703-471-0020

HPE

HP ENVIRONMENTAL
INCORPORATED

93036

Test Request Form

Page ____ of ____

CLIENT NAME LAURA LOKEY-FLIPPO	RPT. NO. 47579	FOR LABORATORY USE ONLY REF NO.
ADDRESS 106 STEWART RD BLDG 313 RM 4	RECEIVED BY: Clime	DATE 1/19/09
FT MYER, VA 22211	ANALYZED BY:	DATE
PHONE / FAX 703-696-8306 / 703-696-2185	REVIEWED BY:	DATE

PLEASE TYPE OR PRESS HARD WITH BALL POINT PEN.

P.O. # / CONTRACT # / CALL # / JOB #	CONTACT PERSON Mary Thomas	COLLECTED BY: Mary Thomas	DATE 15 Jan 09
PROJECT LOCATION BLDG 214, Koran Room	SUBMITTED BY: Laura Loky-Flippo	DATE 15 Jan 09	
TEST(S) REQUESTED OR TEST CODES (NOTE WITH EACH SAMPLE IF NECESSARY) LEAD	TOTAL NUMBER OF SAMPLES 4	MODE OF SHIPMENT	
☒ ROUTINE ☐ RUSH ☒ FAX ☐ PHONE	DESCRIBE THE PACKAGE OR SAMPLES Tubes		

SAMPLE NO.	TYPE	SAMPLE LOCATION & REMARKS	VOLUME / AREA			
NO. 01 MYR214KR01		Yellow paint, Right wall from entrance	FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:		beside kitchen	LITERS OR AREA			
NO. 02 MYR214KR02		Yellow paint, opposite wall from entrance at	FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:		north end of room beside emergency exit	LITERS OR AREA			
NO. 03 MYR214KR03		White paint, baseboard on right wall from	FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:		entrance beside kitchen	LITERS OR AREA			
NO. 04 MYR214KR04		White paint, baseboard on opposite wall from	FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:		entrance at north end of room beside emerg. exit	LITERS OR AREA			
NO. 05			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 06			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 07			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 08			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 09			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 10			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 11			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 12			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			

01/22/2009 13:56

8047631800

AMERISCI

PAGE 03/03

104 Elden Street
Herndon, Virginia 20170Phone: 703-471-4200
Facsimile: 703-471-0020

HPE ENVIRONMENTAL INC.

HPE

109011492

CONTACT PERSON: JANA SCHROEDER

HP ENVIRONMENTAL
INCORPORATED

Test Request Form

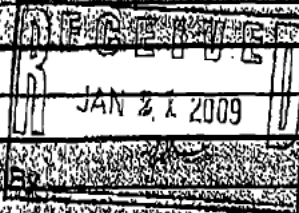
Page ____ of ____

CLIENT NAME LAURA LOKEY-FLIPPO	HPT. NO.	REF. NO. 47578
ADDRESS 106 STEWART RD, BLDG 313, RM 4	RECEIVED BY	DATE
FT MYER, VA 22211	ANALYZED BY	DATE
PHONE / FAX 703-696-8306 / 703-696-2185	REVIEWED BY	DATE

PLEASE TYPE OR PRESS HARD WITH BALL POINT PEN.

REQ. # / CONTRACT # / CALL # / JOB #	CONTACT PERSON	COLLECTED BY: Mark Luckers	DATE 15 Jan 09
PROJECT LOCATION BLDG 214		SUBMITTED BY: Laura Lokuy-Flippo	DATE 15 Jan 09
TEST(S) REQUESTED OR TEST CODES (NOTE WITH EACH SAMPLE IF NECESSARY) Asbestos, Bulk		TOTAL NUMBER OF SAMPLES 6	MODE OF SHIPMENT
☒ ROUTINE ☐ RUSH ☒ FAX ☐ PHONE		DESCRIBE THE PACKAGE OR SAMPLES Tubes	

SAMPLE NO.	TYPE	SAMPLE LOCATION & REMARKS	VOLUME / AREA			
NO. 01 MYR214KR05		Yellow ceiling, North wall with set-in track lighting	FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 02 MYR214KR06		Yellow ceiling, west wall corner beside	FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 03 MYR214KR07		Yellow ceiling, east wall beside kitchen entrance	FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 04 MYR214KR08		Yellow drywall, east wall beside kitchen entrance	FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 05 MYR214KR09		Yellow drywall, west wall, north end beside emergency exit	FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 06 MYR214KR10		Plastic underlayment carpet, northwest corner beside emergency exit	FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 07			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 08			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 09			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 10			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 11			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 12			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			



**Private and Confidential**

-- The following pages contain an important facsimile transmission --

Number of pages to be transmitted (including cover sheet): 5

INSTRUCTIONS - The following transmission contains very important information intended for the person to whom this transmission is addressed. Please contact that person as soon as possible and notify them of the receipt of this facsimile message. If any problem with the transmission is noted or if the addressee does not receive facsimile transmissions at your location, please notify HP Environmental as soon as possible (800-466-0508). Thank you.

TRANSMISSION ADDRESSED TO:	Laura Lokey-Flipppo
COMPANY'S NAME & NUMBER:	Fort Myer Military Community Department Bldg. 313, Rm. 4 106 Stewart Road Fort Myer, VA 22211
FAX:	(703)696-2185
TRANSMISSION ORIGINATOR:	Jana Schroeder
ORIGINATING COMPANY:	HP Environmental, Inc.
TRANSMISSION DATE:	Thursday, January 22, 2009

Message:

Client Name U.S. Army Corps of Engineers (CENAC-SO)		Report # _____ Project # _____	
Address Bldg 203 Custer Road, Room 202, (EA, CA)		Received by _____ Date _____	
Fort Myer, Arlington, VA 22211-5050		Analyzed by _____ Date _____	
Phone/FAX (703) 696-6365-70-57 / (703) 696-6422		Reviewed by _____ Date _____	
P.O. #/Contract #/Call # _____ Contact Person _____		Shipped by _____ Date _____	
DACA-31-91-A-0501 / CALL #: 15 Don Lane		Russ McGuiney, Jr. 03-20-91	
Collected by Don Lane & Kenny Gantt 03-20-91		Package Description 1-large Zip-loc bag w/ 3 small bags	
Project Location FORT MYER - Bldg. #214			
Analysis Requested Asbestos Bulk		☐ Routine ☐ Analysis or TAT different for some samples ☒ Rush ☒ FAX Results Please ☐ Emergency ☒ Verbal Report Please	
# of Samples 3		Mode of Shipment Personal Pick-up (Piotr)	

Sample #	Type	Location	Volume/Area			
			Flow	Time	Flow	Time
1 COE032091-1 Test Asbestos	Bulk	Elbow near the removed Boiler Bldg. 214 - Fort Myer				
2 COE032091-2 Test Asbestos	Bulk	Insulation on line Bldg. 214 - Fort Myer				
3 COE032091-3 Test Asbestos	Bulk	Elbow near ceiling Bldg. 214 - Fort Myer				
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						

Client Name U.S. ARMY CORPS OF ENGINEERS (CENAC-SO)		Report #	Project #
Address BLDG 203, Custer Road, Room 202, EA, CA		Received by	Date
Fort Myer, Arlington, VA 22211-5050		Analyzed by	Date
Phone / FAX 703-696-6365/70/57 / 703-696-6422		Reviewed by	Date
Collected by KEN GANTT	Date 3-24-91	Shipped by KEN GANTT	Date
Package Description BLACK CASSETTE IN WHITE PAPER 1349			
Project Location FT MEYER [REDACTED] MECHANICAL ROOM Bldg #21			
Analysis Requested DON LANE		☐ Routine ☐ Analysis or TAT different for some samples ☐ Rush ☐ FAX Results Please ☐ Emergency ☐ Verbal Report Please	
# of Samples 6	Mode of Shipment		

Sample #	Type	Location	Volume/Area
1 91032414	#5999	PERSONAL PUMP ON REGIO NIEVES	Flow Time Flow Time 2.1 1320 2.1 1500
Test		IN MECHANICAL ROOM [REDACTED]	Liters Area 100 MIN
2 91032415	#6000	AREA PUMP LOCATED TO ENTRANCE	Flow Time Flow Time 2.0 1320 2.0 1620
Test		TO APARTMENT AREA (DUSTY & MACHINERY RUNNING)	Liters Area 180 MIN
3 91032416	#0889	AREA PUMP IN CENTER OF MECHANICAL	Flow Time Flow Time 9.4 0710 9.4 09
Test		Room [REDACTED] BEFORE JOB STARTED	Liters Area 110 MIN
4 91032417	#0889	FINAL IN CENTER OF MECHANICAL ROOM	Flow Time Flow Time 9.4 1600 9.4 175
Test		AT [REDACTED]	Liters Area 110 MIN
5 91032418		FIELD BLANK	Flow Time Flow Time
Test			Liters Area
6 91032419	MSA	PERSON PUMP ON REGIO NIEVES IN	Flow Time Flow Time 2.0 1525 2.0 1600
Test		WORK AREA MECHANICAL ROOM [REDACTED]	Liters Area 40 MIN
7			Flow Time Flow Time
Test			Liters Area
8			Flow Time Flow Time
Test			Liters Area
9			Flow Time Flow Time
Test			Liters Area
10			Flow Time Flow Time
Test			Liters Area
11			Flow Time Flow Time
Test			Liters Area
12			Flow Time Flow Time
Test			Liters Area
13			Flow Time Flow Time
Test			Liters Area
14			Flow Time Flow Time
Test			Liters Area

HP Environmental, Inc.

P.O. Box 2177
Reston, Virginia 22090

Airborne Asbestos Report

Corp of Engineers
Attn: Don Lane
USAEA, CA, Building 203
Arlington, VA 22211-5050

Date Received 4/28/91 Report Number 913038
Date Examined 4/28/91 Date Reported 4/28/91
Job Site Fort Myer, [REDACTED] Bldg 214
Arlington, VA 22211-5050: Call #0028

Sample No.	Lab No.	Date Collected	Time Collected	Liters	Fibers/cc
910428-01	913038-01	4/28/91	0740-0855	870	N.F.O.
Location: Area pump in lady's locker room located in center of room before job.					
910428-02	913038-02	4/28/91	0745-0840	644	N.F.O.
Location: Area pump in hallway area before abatement has started					
910428-03	913038-03	4/28/91	0750-0930	1140	< 0.002
Location: Area pump in mechanical room before job has started.					
910428-04	913038-04	4/28/91	0940-1200	280	0.33
Location: Personal pump Jim Bennett while working in mechanical room					
910428-05	913038-05	4/28/91	0935-1200	334	N.F.O.
Location: Area pump in hallway down from time clock 6' from floor					
910428-06	913038-06	4/28/91	0935-1200	290	N.F.O.
Location: Area pump located in hallway 6' from floor (mechanical room)					
910428-07	913038-07	4/28/91	0940-1200	322	0.48
Location: MSA personal pump Dennis Knizner					
910428-08	913038-08	4/28/91	1200-1335	1083	< 0.002
Location: Area pump in mechanical room for "clearance".					
910428-09	913038-09	4/28/91	1230-1340	812	N.F.O.
Location: Area pump in ladies locker room for "clearance".					
910428-10	913038-10	4/28/91	1230-1340	819	< 0.002
Location: Area pump in hallway area for "clearance".					
910428-11	913038-11	4/28/91	1230-1320	115	N.F.O.
Location: Personal pump on Jim Bennet, glove bag job in mechanical room.					

HP Environmental, Inc.

P.O. Box 2177
Reston, Virginia 22090

Airborne Asbestos Report

Corp of Engineers
Attn: Don Lane
USAEA, CA, Building 203
Arlington, VA 22211-5050

Date Received 4/28/91 Report Number 913038
Date Examined 4/28/91 Date Reported 4/28/91
Job Site Fort Myer, [REDACTED] Bldg 214
Arlington, VA 22211-5050: Call #0028

Sample No.	Lab No.	Date Collected	Time Collected	Liters	Fibers/cc
910428-12	913038-12	4/28/91	1320-1400	456	N.F.O.
Location: Area pump in mechanical room in glove bag area "clearance".					
910428-13	913038-13	4/28/91	-	1000	N.F.O.
Location: Field Blank					

Report Notes:

Samples analysed by Piotr Chmielinski.
Laboratory Director: Piotr Chmielinski, M.S.
N.F.O. = No observable fibers per 100 fields analyzed.
Analyses performed using the NIOSH method 7400 - counting rules "A".



E N V I R O N M E N T A L
I N C O R P O R A T E D

Airborne Asbestos Report

Directorate of Public Works, MDW
Attn: Don Lane, ANPW-OH
Safety, Occup. Health & Eng. Div.
Fort Myer, Arlington, VA 22211-5050

Date Received 10/21/92

Date Examined 10/21/92

Job Site Fort Myer, Building 214, Men's Locker Area: Call #358
Arlington, VA 22211-5050

Report Number 923929

Date Reported 10/22/92

Sample No.	Lab No.	Date Collected	Time Collected	Liters	Fibers/cc
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FM214102192-01	923929-01	10/21/92	0820-1125	426	0.05
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Location: Personal pump on Rigoberto Nieves while glove bagging.

FM214102192-02	923929-02	10/21/92	0820-1325	702	0.009
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Location: Ground floor, men's locker room, area sample by doorway.

FM214102192-03	923929-03	10/21/92	0820-1330	713	0.01
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Location: Ground floor, men's locker room, area sample by exit.

FM214102192-04	923929-04	10/21/92	1130-1330	1440	0.004
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Location: "Final for Clearance".

Report Notes:

Samples analysed by R. J. Winkler.

Laboratory Director: R. Hugh Granger, Ph.D.

N.F.O. = No observable fibers per 100 fields analyzed.

Analyses performed using the NIOSH method 7400 - counting rules "A".



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMHC/DPW Env. & Hygiene Division **Date Received** 1/20/03 **Report Number** 033106
Attn: Kenny Gantt
ANMY PW-V
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Date Reported** 2/4/03 **Page** 1 of 2
Project Location Call #1174, Ft. Myer, Bldg 214 o/c Mech.
Rm, Air Handler

1. **Client Sample No.:** FM214011803-01 **HPE Sample No:** 033106-01
Sample Matrix: Air (467 liters) **Date Collected:** 1/18/03
Sample Location: Personal on Dan Hilgeman while removing apm mudded elbows and fiberglass insulation
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	<.007	f/cc	.007

Date Analyzed: 2/4/03 **Analyst:** SunB. Bowling **See Footnote:** 1

2. **Client Sample No.:** FM214011803-02 **HPE Sample No:** 033106-02
Sample Matrix: Air (467 liters) **Date Collected:** 1/18/03
Sample Location: Personal on James Whyte wetting down and bagging acm and fiberglass insulation
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	<.007	f/cc	.007

Date Analyzed: 2/4/03 **Analyst:** SunB. Bowling **See Footnote:** 1

3. **Client Sample No.:** FM214011803-03 **HPE Sample No:** 033106-03
Sample Matrix: Air (552 liters) **Date Collected:** 1/18/03
Sample Location: Decon, clean room
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.006

Date Analyzed: 2/4/03 **Analyst:** SunB. Bowling **See Footnote:** 1

4. **Client Sample No.:** FM214011803-04 **HPE Sample No:** 033106-04
Sample Matrix: Air (455 liters) **Date Collected:** 1/18/03
Sample Location: Microtrap exhaust tub bin end.
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.008

Date Analyzed: 2/4/03 **Analyst:** SunB. Bowling **See Footnote:** 1



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 1/20/03 **Report Number** 033106
Attn: Kenny Gantt
ANMY PW-V **Date Reported** 2/4/03 **Page** 2 of 2
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Call #1174, Ft. Myer, Bldg 214 o/c Mech.
Rm, Air Handler

5. Client Sample No.: FM214011803-05 **HPE Sample No:** 033106-05
Sample Matrix: Air (509 liters) **Date Collected:** 1/18/03
Sample Location: Area Pump #1, located at dressing area

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.007

Date Analyzed: 2/4/03 **Analyst:** SunB. Bowling **See Footnote:** 1

6. Client Sample No.: FM214011803-06 **HPE Sample No:** 033106-06
Sample Matrix: Air (466 liters) **Date Collected:** 1/18/03
Sample Location: Area pump #2 located at front of Decon. entrance

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	<.007	f/cc	.007

Date Analyzed: 2/4/03 **Analyst:** SunB. Bowling **See Footnote:** 1

7. Client Sample No.: FM214011803-07 **HPE Sample No:** 033106-07
Sample Matrix: Air (466 liters) **Date Collected:** 1/18/03
Sample Location: Area pump #3 located at hallway outside of regulated area

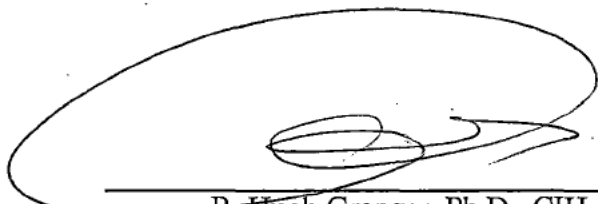
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.007

Date Analyzed: 2/4/03 **Analyst:** SunB. Bowling **See Footnote:** 1

Reporting Notes:

(1) NFO = No observable fibers per 100 fields analyzed.



R. Hugh Granger, Ph.D., CIH
Laboratory Director



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 1/20/03 **Report Number** 033102
Attn: Kenny Gantt
ANMY PW-V **Date Reported** 1/20/03 **Page** 1 of 1
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Call #1175. Ft. Myer Bldg. 214 O/C Mech
Rm. air handler

1. Client Sample No.: FM214011903-01 **HPE Sample No:** 033102-01
Sample Matrix: Air (1560 liters) **Date Collected:** 1/19/03
Sample Location: Final clearance #1, close to micro trap

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 1/20/03 **Analyst:** SunB. Bowling **See Footnote:** 1

2. Client Sample No.: FM214011903-02 **HPE Sample No:** 033102-02
Sample Matrix: Air (1560 liters) **Date Collected:** 1/19/03
Sample Location: Final clearance #2, next to enter

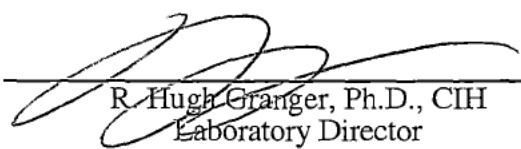
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 1/20/03 **Analyst:** SunB. Bowling **See Footnote:** 1

Reporting Notes:

(1) NFO = No observable fibers per 100 fields analyzed.


R. Hugh Granger, Ph.D., CIH
Laboratory Director



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 1/20/03 **Report Number** 033106
Attn: Kenny Gantt
ANMY PW-V **Date Reported** 2/4/03 **Page** 1 of 2
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Call #1174, Ft. Myer, Bldg 214 o/c Mech.
Rm, Air Handler

1. **Client Sample No.:** FM214011803-01 **HPE Sample No:** 033106-01
Sample Matrix: Air (467 liters) **Date Collected:** 1/18/03
Sample Location: Personal on Dan Hilgeman while removing apm mudded elbows and fiberglass insulation
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	<.007	f/cc	.007

Date Analyzed: 2/4/03 **Analyst:** SunB. Bowling **See Footnote:** 1

2. **Client Sample No.:** FM214011803-02 **HPE Sample No:** 033106-02
Sample Matrix: Air (467 liters) **Date Collected:** 1/18/03
Sample Location: Personal on James Whyte wetting down and bagging acm and fiberglass insulation
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	<.007	f/cc	.007

Date Analyzed: 2/4/03 **Analyst:** SunB. Bowling **See Footnote:** 1

3. **Client Sample No.:** FM214011803-03 **HPE Sample No:** 033106-03
Sample Matrix: Air (552 liters) **Date Collected:** 1/18/03
Sample Location: Decon, clean room
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.006

Date Analyzed: 2/4/03 **Analyst:** SunB. Bowling **See Footnote:** 1

4. **Client Sample No.:** FM214011803-04 **HPE Sample No:** 033106-04
Sample Matrix: Air (455 liters) **Date Collected:** 1/18/03
Sample Location: Microtrap exhaust tub bin end.
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.008

Date Analyzed: 2/4/03 **Analyst:** SunB. Bowling **See Footnote:** 1

Client Name
U.S. ARMY CORPS OF ENGINEERS (CENAC-SO)
Address
BLDG 202, Custer Road, Room 202, EA, CA
Fort Myer, Arlington, VA 22211-5050
Phone / FAX
703-696-6365/70/57 / 703-696-6422

Report # **913038** Project # **FT MEYER OFFICER CL**
Received by _____ Date _____
Analyzed by _____ Date _____
Reviewed by _____ Date _____

Collected by **KEN GANTT** Date **4-28-91** Shipped by **KEN GANTT** Date **4-28-91**

Package Description
WHITE PAPER BAG

Project Location
CAMERON STATION FT MEYER Bldg. 214

Analysis Requested
DON LANE PCM
of Samples **13** Mode of Shipment
☒ Routine ☐ Analysis or TAT different for some samples
☒ Rush 8, 9, 10, 12 ☐ FAX Results Please
☐ Emergency ☐ Verbal Report Please

Sample #	Type	Location	Volume/Area
1 91042801	00722	AREA PUMP in LADIES LOCKER	Flow Time Flow Time 11.6 0740 11.6 085
Test		ROOM LOCATED IN CENTER OF ROOM	Liters Area
2 91042802	00871	AREA PUMP in HALLWAY AREA	Flow Time Flow Time 11.7 0745 11.7 084
Test		BEFORE ABATHMENT HAS STARTED	Liters Area
3 91042803	07720	AREA PUMP in MECHANICAL ROOM BEFORE	Flow Time Flow Time 11.4 0750 11.4 093
Test		JOB HAS STARTED	Liters Area
4 91042804		PERSONAL PUMP JIM BENNETT WHILE	Flow Time Flow Time 2.0 0940 2.0 120
Test		WORKING in MECHANICAL ROOM	Liters Area
5 91042805	5997	AREA PUMP in HALLWAY DOWN	Flow Time Flow Time 2.3 0935 2.3 121
Test		FROM TIME CLOCK 6' FROM FLOOR	Liters Area
6 91042806	5999	AREA PUMP LOCATED in HALLWAY 6'	Flow Time Flow Time 2.0 0935 2.0 120
Test		FROM FLOOR (MECHANICAL ROOM)	Liters Area
7 91042807	MSA	MSA PERSONAL PUMP DENNIS KNIZNER	Flow Time Flow Time 2.3 0940 2.3 120
Test			Liters Area
8 91042808	07720	AREA PUMP in MECHANICAL ROOM	Flow Time Flow Time 11.4 1200 11.4 133
Test	20,002	FOR "CLEARANCE"	Liters Area
9 91042809	07728	AREA PUMP in LADIES LOCKER ROOM	Flow Time Flow Time 11.6 1230 11.6 134
Test	NFO	FOR "CLEARANCE"	Liters Area
10 91042810	00871	AREA PUMP in HALLWAY AREA	Flow Time Flow Time 11.7 1230 11.7 134
Test	20,002	FOR "CLEARANCE"	Liters Area
11 91042811	5997	PERSONAL PUMP ON JIM BENNETT	Flow Time Flow Time 2.3 1230 2.3 132
Test		GLOVE BAG JOB in MECHANICAL ROOM	Liters Area
12 91042812	07720	AREA PUMP in MECHANICAL ROOM	Flow Time Flow Time 11.4 1320 11.4 140
Test	(NFO)	in GLOVE BAG AREA "CLEARANCE"	Liters Area
13 91042813		Field Blank	Flow Time Flow Time
Test			Liters Area
14			Flow Time Flow Time
Test			Liters Area



E N V I R O N M E N T A L
I N C O R P O R A T E D

Test Request Form

Page 1 of 1

CLIENT NAME MDW/DPW Safety, Occup. Health & Env. Div.	RPT. NO.	FOR LABORATORY USE ONLY REF. NO. 0011186
ADDRESS Bldg 313, Fort Myer	RECEIVED BY:	DATE
Arlington, VA 22211-5050	ANALYZED BY:	DATE
PHONE / FAX (703)696-6365 (703)696-2185	REVIEWED BY:	DATE

PLEASE TYPE OR PRESS HARD WITH A BALL POINT PEN

P.O. # / CONTRACT # / CALL # / JOB 358 Mr. Donald P. Lane, ANPW-OH	CONTACT PERSON Mr. Donald P. Lane, ANPW-OH	COLLECTED BY: KEN GANTT	DATE 10-21-92
PROJECT LOCATION FT MYER BUILDING 214 MENS LOCKER AREA	SUBMITTED BY: KEN GANTT	DATE 10-21-92	
TEST(S) REQUESTED OR TEST CODES (NOTE WITH EACH SAMPLE IF NECESSARY) ASBESTOS - CONTENT Fiber Count	TOTAL NUMBER OF SAMPLES 4	MODE OF SHIPMENT PICK UP	
☒ ROUTINE ☒ RUSH ☒ FAX ☒ PHONE	DESCRIBE THE PACKAGE OR SAMPLES CLEAR PLASTIC ZIP LOCK BAG		

SAMPLE NO.	TYPE	SAMPLE LOCATION & REMARKS	VOLUME / AREA			
NO. 01			FLOW	TIME ON	FLOW	TIME OFF
FM21410219201		PERSONAL PUMP ON RIGOBERTO	2.3	0820	2.3	1125
TEST CODE:		NIEVES WHILE GLOVE BAGGING	LITERS OR AREA			
NO. 02			FLOW	TIME ON	FLOW	TIME OFF
FM21410219202		Ground floor mens locker	2.3	0820	2.3	1325
TEST CODE:		Room, area sample by door/wall	LITERS OR AREA			
NO. 03			FLOW	TIME ON	FLOW	TIME OFF
FM21410219203		Ground floor mens locker	2.3	0820	2.3	1330
TEST CODE:		Room, area sample by EXIT	LITERS OR AREA			
NO. 04			FLOW	TIME ON	FLOW	TIME OFF
FM21410219204		"FINAL FOR CLEARANCE"	12.0	1130	12.0	1330
TEST CODE:			LITERS OR AREA			
NO. 05			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 06			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 07			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 08			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 09			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 10			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 11			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 12			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			



HP ENVIRONMENTAL
INCORPORATED

Test Request Form

Page ____ of ____

CLIENT NAME	RPT. NO. 36594
ADDRESS	FOR LABORATORY USE ONLY REF. NO.
PHONE / FAX	RECEIVED BY: _____ DATE: _____
	ANALYZED BY: _____ DATE: _____
	REVIEWED BY: _____ DATE: _____

PLEASE TYPE OR PRESS HARD WITH BALL POINT PEN.

P.O. # / CONTRACT # / CALL # / JOB # CALL # 1065	CONTACT PERSON	COLLECTED BY: JAMES BAKER	DATE: 09/24/02
PROJECT LOCATION MYER BUILD 214 Mech Rm (Baker)		SUBMITTED BY: RIGOBERTO NIEVES	DATE: 09/25/02
TEST(S) REQUESTED OR TEST CODES (NOTE WITH EACH SAMPLE IF NECESSARY) Asbestos content		TOTAL NUMBER OF SAMPLES 1 PICKUP	MODE OF SHIPMENT
☐ ROUTINE ☐ RUSH ☒ FAX ☐ PHONE		DESCRIBE THE PACKAGE OR SAMPLES	

SAMPLE NO.	TYPE	SAMPLE LOCATION & REMARKS	VOLUME / AREA			
NO. 01		SAMPLE of ceiling material collected by BAKER from Basement mech. Room	FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 02			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 03			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 04			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 05			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 06			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 07			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 08			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 09			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 10			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 11			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			
NO. 12			FLOW	TIME ON	FLOW	TIME OFF
TEST CODE:			LITERS OR AREA			

Washington Analytical Laboratory of Virginia, Inc.

Client Number _____ Report Number _____		Directorate of Public Works, MDW Saf., Occ. Hth. & Env. Div. (ANPW-OH) Fort Myer, Arlington, VA 22211-5050	
Received in lab by _____ Date _____		Client Name Bldg. 313, Fort Myer, Arlington, VA 22211-5050	Location of survey Building # 214
Analyzed by _____ Date _____		Client Address Craig Geors	Location of survey Date 052892
Reviewed by _____ Date _____		Collected by Craig Geors	Conditions Date 052892 call # 281
Stored at _____ Date _____		Sent to lab by Craig Geors	Operations Date 052892
Stored by _____ Date _____		Operations Sample type: Bulk ☒ Wipe ☐ Air ☐ Other ☐ Sampling media: Asb Bulk	

Sample #	WAL/VA Lab Acc#	Type	Pump #	LPM in/out	Time on/off	Total time	Liters	Fibers /cc	Location
Fm 214 052892 -01								1.5 chr4	9x9 Tan floor tile in basement locker room
Fm 214 052892 -02								neg	mastic sample # 01
Fm 214 052892 -03								1.5 chr4	9x9 Tan floor tile basement locker room in cage by pump
Fm 214 052892 -04								neg	mastic sample # 03
Fm 214 052892 -05								1.5	9x9 Tan floor tile, 1st floor storage room
Fm 214 052892 -06								neg	mastic sample # 05

ARMY-EL

28 July 2003

ENV-FY
1 action
Bil
285

MEMORANDUM FOR Director of Community Activities

SUBJECT: Status of DPWL Approvals for Work in Lamplighter Lounge, [REDACTED]
Bldg 214

1. References:

- a. Work Request SD-00001-3J, Open 3 Windows, Lamplighter Lounge, [REDACTED]
- b. Work Request SD-00005-3J, Lamplighter Lounge Upgrade, [REDACTED] with scope of work as described on Requisition attached to the work request.

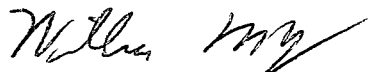
2. **Proprietary approval cannot be granted at this time for Work Request (W/R) SD-00001-3J** due primarily to our requirement for agency coordination. **However, the W/R has been approved for design.** The design will provide the basis for our agency submittal. Please advise if you would like the DPWL to initiate action for a design for this work. Other DPWL considerations are specified on the proprietary approval requirements sheet attached to the signed W/R (enclosure 1).

3. **Proprietary approval is herewith granted for W/R SD-00005-3J (enclosure 2), subject to** the conditions stated on the proprietary approval requirements sheet attached to the signed W/R and those provided below:

- a. DPWL survey for lead/asbestos containing materials must be completed before you solicit contractor proposals – current target completion is 10 Aug 2003. Abatement requirements, if any, will be included in the contract SOW.
- b. Prospective contractors must submit design details regarding rework of the HVAC system in the Lamplighter lounge. DPWL technical approval is required prior to contract award.
- c. Contractor must continue to provide HVAC service during construction.
- d. Contractor must label all new circuit breakers.
- e. DPWL representative will be invited to the pre-performance conference.
- f. Recommend DCA provide funds to DPWL for quality assurance during construction. Estimated cost is approximately 3% of contract amount and should be provided not later than 30 days after contract award.

4. POC is the undersigned, 703-696-6401.

2 Encls.


WILLIAM M. NIEZ
Deputy (PW) DPWL

PROPRIETARY APPROVAL REQUIREMENTS

WIR #: SD 0000130

Date: 7/17/03

Brief Description: Open Windows - Lamp Lighter

DPWL Requirements

Identified by EP&S

(QA assignment, GIS requirements)

NEEDS ASSESSMENT STUDY MUST BE
REVIEWED TO ASSESS HVAC REQUIREMENTS
FOR LAMP LIGHTER ROOM. WINDOW INSTALLATION
MUST BE COORDINATED WITH A DESIGN FIRM
SUBSEQUENT SUBMITTAL TO PERMITTING

EP&S Rep. Signatures & Date

Identified by ENV

(Asbestos, Historical, Cultural, etc.)

Need ACME survey
1/3 part
Design must be approved or coordinated
with Historic Agencies

ENV Rep. Signatures & Date

Identified by O&M

(Digging Permit, Site Restoration, Utility Outage)

Need insulated windows,

O&M Rep. Signatures & Date

Contractor's Responsibilities

1. Excavation permit requests should be submitted to Chief O&M Division 15 days in advance with a site plan showing where work will take place. Approved permits will be issued by EPSD. A copy of the approved permit should be available on site.
2. Any utility outage should be coordinated at least 3 working days prior to the desired outage. Requests should be submitted to the Chief O&M Division. A representative from the appropriate shop will make final coordination with the contractor before the outage.
3. Contractor will restore roads/grounds to condition existing prior to work start. Contractor will obtain DPWL approval for any deviations in site restoration; approval will be requested through DPWL QA.
4. Contractor will correct each DPWL identified deficiency within 30 days of notification of the deficiency.
5. Contractor will provide, when applicable as-built plans compatible with DPWL's GIS format within 30 days of completion of all work.

Callahan 7/17/03
Chief, Work Coordination Branch

PROPRIETARY APPROVAL REQUIREMENTS

W/R #: SD0000535

Date: 7/17/03

Brief Description: Lamp Lighter Lounge Upgrade

DPWL Requirements

Identified by EP&S

(QA assignment, GIS requirements)

REVIEW NEEDS ASSESSMENT STUDY TO
DETERMINE IMPACT OF WORK IN
THE LAMP LIGHTER LOUNGE

1

[Signature]
EP&S Rep. Signatures & Date

Identified by ENV

(Asbestos, Historical, Cultural, etc.)

Survey needed for ACM/Pb Post
Design need Historic Agency's Review

[Signature] 17 July 03
ENV Rep. Signatures & Date

Identified by O&M

(Digging Permit, Site Restoration, Utility Outage)

Plan for HVAC service while bar is being replaced.
~~Label~~ Label all new circuit breakers.

[Signature] 17 July 03
O&M Rep. Signatures & Date

Contractor's Responsibilities

1. Excavation permit requests should be submitted to Chief O&M Division 15 days in advance with a site plan showing where work will take place. Approved permits will be issued by EPSD. A copy of the approved permit should be available on site.
2. Any utility outage should be coordinated at least 3 working days prior to the desired outage. Requests should be submitted to the Chief O&M Division. A representative from the appropriate shop will make final coordination with the contractor before the outage.
3. Contractor will restore roads/grounds to condition existing prior to work start. Contractor will obtain DPWL approval for any deviations in site restoration; approval will be requested through DPWL QA.
4. Contractor will correct each DPWL identified deficiency within 30 days of notification of the deficiency.
5. Contractor will provide, when applicable as-built plans compatible with DPWL's GIS format within 30 days of completion of all work.

[Signature]
Chief, Work Coordination Branch
7/17/03

REQUISITION					PROCUREMENT REQUEST NO. NAF-RA3-03-122	
1. NAME, PHONE NUMBER, AND ROUTING SYMBOL OF PERSON TO CONTACT					REQUISITION DATE 04/01/2003	
3. ORIGINATING OFFICE DATA Ft. Myer [REDACTED]					2. TYPE OF REQUEST (Check A. ☒ NEW REQUEST B. ☐ CHANGE TO PENDING PR NO. _____ C. ☐ MODIFICATION TO CONTRACTOR ORDER NO. _____	
4. ADDITIONAL INFORMATION (Suggested supply sources, security data, etc.)						
5. APPROVALS					6. CONSIGNEE AND DESTINATION	
APPROVING OFFICIALS (A)		ROUTING SYMBOL (B)	DATE (C)	INTERNAL ROUTING INITIALS (D) ROUTING SYMBOL (E)		Ft. Myer [REDACTED] 214 Jackson Avenue Fort Myer VA 22211
(1) AUTHORIZED REQUISITIONER						
Syed Hussain		RA1	04/03/2003			
(2) Annette Hobbs		MDWCONT	04/03/2003			
(3) Kathy Joo		RA1	04/02/2003			7. DATE(S) REQUIRED 05/15/2003
(4)						8. GOVERNMENT FURNISHED PROPERTY ☐ YES ☒ NO (If "Yes," see Det. 8 of Instructions on next page.)
9. DESCRIPTION OF ITEMS OR SERVICES						
ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST		
				UNIT (E)	AMOUNT (F)	
1	Accounting Code: RA1-KE4F-G1-163-2003 CPMC: 031014	1.00	EA			
	Chandeliers & Upgrades in Lamplighter Lounge of the Fort Myer [REDACTED]					
	(Scope of Work)					
	-Remove existing chandeliers and install (5) new chandeliers					
	-Install (15) new wall sconce lights, matching with chandeliers					
	-Demolish existing bar and install/relocate new bar					
	-Demolish existing stage area, bringing it parallel to the floor					
	-New ventilation/exhausts					
	-Redo existing pillars in the lounge by reducing the size					
	-Some carpeting job					
	-Install wall/separator between lounge and side walk to the catering and admin offices					
	Continued ...					
				TOTAL ESTIMATED COST		
10. ACCOUNTING DATA Accounting Info : RA1-KE4F-G1-163-2003/031014/////						

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	-Demolish existing electrical work of the old bar and install new fixture at the new relocated bar Project specifics and actual scope of work to be finalized upon site visit by the contractors				

104 Elden Street
Herndon, Virginia 20170



Phone: 703 • 471-4200
Facsimile: 703 • 471-0020

HP ENVIRONMENTAL
INCORPORATED

Test Request Form

Page ____ of ____

CLIENT NAME	RPT. NO.	FOR LABORATORY USE ONLY	REF. NO. 38711
ADDRESS	RECEIVED BY:	DATE	
	ANALYZED BY:	DATE	
PHONE / FAX	REVIEWED BY:	DATE	

PLEASE TYPE OR PRESS HARD WITH BALL POINT PEN.

P.O. # / CONTRACT # / CALL # / JOB # CALL # 1318	CONTACT PERSON	COLLECTED BY: R. Roberto Nieves	DATE 07/31/03
PROJECT LOCATION Tower B105 214 Lamp Lighter Lounge		SUBMITTED BY: R. Roberto Nieves	DATE 08/07/03
TEST(S) REQUESTED OR TEST CODES (NOTE WITH EACH SAMPLE IF NECESSARY) ASBESTOS CONTENT	TOTAL NUMBER OF SAMPLES 9	MODE OF SHIPMENT PICK UP	
☐ ROUTINE ☐ RUSH ☐ FAX ☐ PHONE			
DESCRIBE THE PACKAGE OR SAMPLES			

SAMPLE NO.	TYPE	SAMPLE LOCATION & REMARKS	VOLUME / AREA			
			FLOW	TIME ON	FLOW	TIME OF
NO. 01 FM214073103	01	LAMP LIGHTER LOUNGE FLOOR MASTIC				
TEST CODE:		LEFT FAR CORNER	LITERS OR AREA			
NO. 02 FM214073103	02	POPCORN CEILING ENTRANCE				
TEST CODE:		CORNER	LITERS OR AREA			
NO. 03 FM214073103	03	LEFT FAR CORNER WALL				
TEST CODE:		WHITE COAT	LITERS OR AREA			
NO. 04 FM214073103	04	BROWN COAT				
TEST CODE:			LITERS OR AREA			
NO. 05 FM214073103	05	RIGHT CORNER CEILING SHEET				
TEST CODE:		ROCK CORE	LITERS OR AREA			
NO. 06 FM214073103	06	LEFT CORNER WALL WHITE				
TEST CODE:		COAT	LITERS OR AREA			
NO. 07 FM214073103	07	BAR CEILING POPCORN				
TEST CODE:			LITERS OR AREA			
NO. 08 FM214073103	08	KITCHEN WALL WHITE COAT				
TEST CODE:			LITERS OR AREA			
NO. 09 FM214073103	09	BROWN COAT				
TEST CODE:			LITERS OR AREA			
NO. 10						
TEST CODE:			LITERS OR AREA			
NO. 11						
TEST CODE:			LITERS OR AREA			
NO. 12						
TEST CODE:			LITERS OR AREA			



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 3/7/99 **Report Number** 993363
Attn: Edna Barber
ANMY PW-V **Date Reported** 3/13/99 **Page 1 of 4**
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Call 144, Fort Myer, Buidling 214

1. **Client Sample No.:** FM214030699-01 **HPE Sample No:** 993363-01
Sample Matrix: Air (75 liters) **Date Collected:** 3/7/99
Sample Location: STEL on Dennis Knizner while removing asbestos floor tile

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	<.45	f/cc	.45

Date Analyzed: 3/11/99 **Analyst:** Mary Ham **Notes:** 1

2. **Client Sample No.:** FM214030699-02 **HPE Sample No:** 993363-02
Sample Matrix: Air (1213 liters) **Date Collected:** 3/7/99
Sample Location: Personal on Dennis Knizner removing abestos floor tile & mastic

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 3/11/99 **Analyst:** Mary Ham **Notes:** 1

3. **Client Sample No.:** FM214030699-03 **HPE Sample No:** 993363-03
Sample Matrix: Air (1275 liters) **Date Collected:** 3/7/99
Sample Location: Area sample in hallway

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 3/11/99 **Analyst:** Mary Ham **Notes:** 1

4. **Client Sample No.:** FM214030699-04 **HPE Sample No:** 993363-04
Sample Matrix: Air (1325 liters) **Date Collected:** 3/7/99
Sample Location: Sample located at entrance to decon 6' from floor

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 3/11/99 **Analyst:** Mary Ham **Notes:** 1



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 3/7/99 **Report Number** 993363
Attn: Edna Barber
ANMY PW-V **Date Reported** 3/13/99 **Page 2 of 4**
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Call 144, Fort Myer, Buidling 214

5. Client Sample No.: FM214030699-05 **HPE Sample No:** 993363-05
Sample Matrix: Air (1325 liters) **Date Collected:** 3/7/99
Sample Location: Sample of exhaust from micro trap

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 3/11/99 **Analyst:** Mary Ham **Notes:** 1

6. Client Sample No.: FM214030699-06 **HPE Sample No:** 993363-06
Sample Matrix: Air (75 liters) **Date Collected:** 3/7/99
Sample Location: STEL on Jim Baker while removing asbestos mastic

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 3/11/99 **Analyst:** Mary Ham **Notes:** 1

7. Client Sample No.: FM214030699-07 **HPE Sample No:** 993363-07
Sample Matrix: Air (388 liters) **Date Collected:** 3/7/99
Sample Location: Personal on Jim Baker while removing asbestos mastic

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 3/11/99 **Analyst:** Mary Ham **Notes:** 1

8. Client Sample No.: FM214030699-08 **HPE Sample No:** 993363-08
Sample Matrix: Air (488 liters) **Date Collected:** 3/7/99
Sample Location: Sample located at entrance to decon 6' from floor

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 3/11/99 **Analyst:** Mary Ham **Notes:** 1



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 1/31/99 **Report Number** 993142
Attn: Edna Barber
ANMY PW-V **Date Reported** 2/6/99 **Page 1 of 2**
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Call 115, Fort Myer, Building 214

-
1. **Client Sample No.:** FM214013099-01 **HPE Sample No:** 993142-01
Sample Matrix: Air (75 liters) **Date Collected:** 1/31/99
Sample Location: STEL (30 min) on Jim Erwin while removing asbestos floor tile
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules
- | <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>POL</u> |
|----------------|---------------|--------------|------------|
| Fibers | <.004 | f/cc | .004 |
- Date Analyzed:** 2/5/99 **Analyst:** Mary Ham **Notes:** /
2. **Client Sample No.:** FM214013099-02 **HPE Sample No:** 993142-02
Sample Matrix: Air (725 liters) **Date Collected:** 1/31/99
Sample Location: Personal on Erwin while removing asbestos floor tile in basement
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules
- | <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>POL</u> |
|----------------|---------------|--------------|------------|
| Fibers | NFO | f/cc | .002 |
- Date Analyzed:** 2/5/99 **Analyst:** Mary Ham **Notes:** /
3. **Client Sample No.:** FM214013099-03 **HPE Sample No:** 993142-03
Sample Matrix: Air (838 liters) **Date Collected:** 1/31/99
Sample Location: Sample from exhaust tube
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules
- | <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>POL</u> |
|----------------|---------------|--------------|------------|
| Fibers | NFO | f/cc | .002 |
- Date Analyzed:** 2/5/99 **Analyst:** Mary Ham **Notes:** /
4. **Client Sample No.:** FM214013099-04 **HPE Sample No:** 993142-04
Sample Matrix: Air (838 liters) **Date Collected:** 1/31/99
Sample Location: Sample at entrance to decon 6' from floor
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules
- | <u>Analyte</u> | <u>Result</u> | <u>Units</u> | <u>POL</u> |
|----------------|---------------|--------------|------------|
| Fibers | NFO | f/cc | .002 |
- Date Analyzed:** 2/5/99 **Analyst:** Mary Ham **Notes:** /



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 1/31/99 **Report Number** 993142
Attn: Edna Barber
ANMY PW-V **Date Reported** 2/6/99 **Page 2 of 2**
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Call 115, Fort Myer, Building 214

5. Client Sample No.: FM214013099-05 **HPE Sample No:** 993142-05
Sample Matrix: Air (871 liters) **Date Collected:** 1/31/99
Sample Location: Area sample hallway in basement

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 2/5/99 **Analyst:** Mary Ham **Notes:** /

6. Client Sample No.: FM214013099-06 **HPE Sample No:** 993142-06
Sample Matrix: Air (1560 liters) **Date Collected:** 1/31/99
Sample Location: Final in hallway

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	<.002	f/cc	.002

Date Analyzed: 1/31/99 **Analyst:** Piotr Chmielinski **Notes:** /

7. Client Sample No.: FM214013099-07 **HPE Sample No:** 993142-07
Sample Matrix: Air (1560 liters) **Date Collected:** 1/31/99
Sample Location: Final in hallway

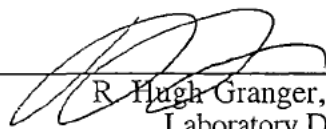
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 1/31/99 **Analyst:** Piotr Chmielinski **Notes:** /

Reporting Notes:

(1) NFO = No observable fibers per 100 fields analyzed.


R. Hugh Granger, Ph.D., CIH
Laboratory Director



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 3/4/00 **Report Number** 003379
Attn: Edna Barber
ANMY PW-V **Date Reported** 3/8/00 **Page 1 of 3**
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Ft. Myer Building 214

CALL # 321

1. **Client Sample No.:** FM214-030400-01 **HPE Sample No:** 003379-01
Sample Matrix: Air (75 liters) **Date Collected:** 3/4/00
Sample Location: 30mn stel on Byrd while removing ACM fir tile

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	<0.04	f/cc	0.04

Date Analyzed: 3/7/00 **Analyst:** Mary Ham **See Footnote:** 1

2. **Client Sample No.:** FM214-030400-02 **HPE Sample No:** 003379-02
Sample Matrix: Air (1450 liters) **Date Collected:** 3/4/00
Sample Location: Persona on Byrd while removing fir tile

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 3/7/00 **Analyst:** Mary Ham **See Footnote:** 1

3. **Client Sample No.:** FM214-030400-03 **HPE Sample No:** 003379-03
Sample Matrix: Air (1475 liters) **Date Collected:** 3/4/00
Sample Location: Sample from entrance to decon 6' from fir

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 3/7/00 **Analyst:** Mary Ham **See Footnote:** 1

4. **Client Sample No.:** FM214-030400-04 **HPE Sample No:** 003379-04
Sample Matrix: Air (1488 liters) **Date Collected:** 3/4/00
Sample Location: Sample from exhaust from working area

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 3/7/00 **Analyst:** Mary Ham **See Footnote:** 1



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 3/4/00 **Report Number** 003379
Attn: Edna Barber
ANMY PW-V **Date Reported** 3/8/00 **Page 2 of 3**
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Ft. Myer Building 214

5. Client Sample No.: FM214-030400-05 **HPE Sample No:** 003379-05
Sample Matrix: Air (75 liters) **Date Collected:** 3/4/00
Sample Location: 30mn stel sample on Erwin while removing ACM fir tile

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	<0.04	f/cc	0.04

Date Analyzed: 3/7/00 **Analyst:** Mary Ham **See Footnote: 1**

6. Client Sample No.: FM214-030400-06 **HPE Sample No:** 003379-06
Sample Matrix: Air (1050 liters) **Date Collected:** 3/4/00
Sample Location: 30mn stel on Erwin while removing fir tile mastic

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	<0.003	f/cc	0.003

Date Analyzed: 3/7/00 **Analyst:** Mary Ham **See Footnote: 1**

7. Client Sample No.: FM214-030400-07 **HPE Sample No:** 003379-07
Sample Matrix: Air (1050 liters) **Date Collected:** 3/4/00
Sample Location: Sample from decon entrance 6' from floor

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	<0.003	f/cc	0.003

Date Analyzed: 3/7/00 **Analyst:** Mary Ham **See Footnote: 1**

8. Client Sample No.: FM214-030400-08 **HPE Sample No:** 003379-08
Sample Matrix: Air (1050 liters) **Date Collected:** 3/4/00
Sample Location: Sample from exhaust from working area

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	<0.003	f/cc	0.003

Date Analyzed: 3/7/00 **Analyst:** Mary Ham **See Footnote: 1**



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 3/4/00 **Report Number** 003379
Attn: Edna Barber
ANMY PW-V **Date Reported** 3/8/00 **Page 3 of 3**
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Ft. Myer Building 214

9. Client Sample No.: FM214-030400-09 **HPE Sample No:** 003379-09
Sample Matrix: Air (858000 liter) **Date Collected:** 3/4/00
Sample Location: Final Clearance

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 3/7/00 **Analyst:** Mary Ham **See Footnote: 1**

10. Client Sample No.: FM214-030400-10 **HPE Sample No:** 003379-10
Sample Matrix: Air (156000 liter) **Date Collected:** 3/4/00
Sample Location: Final Clearance

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 3/7/00 **Analyst:** Mary Ham **See Footnote: 1**

Reporting Notes:

(1) NFO = No observable fibers per 100 fields analyzed.



R. Hugh Granger, Ph.D., CIH
Laboratory Director

AMERICAN MEDICAL LABORATORIES, INC.

P.O. Box 10841 • 14225 Newbrook Drive

Chantilly, VA 22021-0841

Telephone: (703) 802-6900

INDUSTRIAL HYGIENE DEPARTMENT

PAGE 1

DD

RECEIVED : 07/06/95
RELEASED : 07/07/95
REPORTED : 07/07/95
WORK ORDER: 111372

17069 DPW ENVIRONMENTAL DIVISION
EDNA M. BARBER, ARMY-PWV
BLDG. 313, FT. MYER
ARLINGTON, VA

222115050

PROJECT NAME/JOB ID: CALL #0037

AML NUMBER-----VALUE-----UNITS-----

8482620 FM21406159501 BULK SAMPLE

1530 ASBESTOS BULK ANALYSIS

SAMPLE DESCRIPTION

DESCRIPTION: COLOR-

CREAM

TEXTURE-

COARSE

HOMOGENOUS-

YES

LAYERED-

NO

FIBROUS-

YES

DATE COLLECTED:

6-15-95

TOTAL % ASBESTOS:

<1 %

FIBROUS NON-ASBEST:

40-45 %

CELLULOSE:

40-45 %

NON-FIBROUS:

50-55 %

UNSPECIFIED:

50-55 %

NOTES:

No asbestiform minerals
observed.

ANALYST:

Lori Clapp

8482621 FM21406159502 BULK SAMPLE

1530 ASBESTOS BULK ANALYSIS

SAMPLE DESCRIPTION

DESCRIPTION: COLOR-

WHITE

TEXTURE-

SOFT

HOMOGENOUS-

YES

LAYERED-

NO

FIBROUS-

YES

DATE COLLECTED:

6-15-95

TOTAL % ASBESTOS:

30-35 %

AMOSITE:

30-35 %

NON-FIBROUS:

60-65 %

UNSPECIFIED:

60-65 %

ANALYST:

Lori Clapp

8482622 FM21406159503 BULK SAMPLE

1530 ASBESTOS BULK ANALYSIS

SAMPLE DESCRIPTION

DESCRIPTION: COLOR-

CREAM

TEXTURE-

COARSE

HOMOGENOUS-

YES

CONTINUED ON NEXT PAGE

INDUSTRIAL HYGIENE DEPARTMENT

PAGE 2

DD

RECEIVED : 07/06/95
RELEASED : 07/07/95
REPORTED : 07/07/95
WORK ORDER: 11137217069 DPW ENVIRONMENTAL DIVISION
EDNA M. BARBER, ARMY-PWV
BLDG. 313, FT. MYER
ARLINGTON, VA
222115050

PROJECT NAME/JOB ID: CALL #0037

AML NUMBER-----VALUE-----UNITS-----

CONTINUED FROM PRIOR PAGE

LAYERED-

NO

FIBROUS-

YES

DATE COLLECTED:

6-15-95

TOTAL % ASBESTOS:

<1

%

FIBROUS NON-ASBEST:

45-50

%

CELLULOSE:

10-15

%

FIBROUS GLASS:

30-35

%

NON-FIBROUS:

45-50

%

UNSPECIFIED:

45-50

%

NOTES:

No asbestiform minerals
observed.

ANALYST:

Lori Clapp

8482623

FM21406159504

BULK SAMPLE

1530

ASBESTOS BULK ANALYSIS

SAMPLE DESCRIPTION

DESCRIPTION: COLOR-

TAN

TEXTURE-

COARSE

HOMOGENOUS-

YES

LAYERED-

NO

FIBROUS-

YES

DATE COLLECTED:

6-15-95

TOTAL % ASBESTOS:

<1

%

FIBROUS NON-ASBEST:

30-35

%

FIBROUS GLASS:

30-35

%

NON-FIBROUS:

60-65

%

UNSPECIFIED:

60-65

%

NOTES:

No asbestiform minerals
observed.

ANALYST:

Lori Clapp

8482624

FM21406159505

BULK SAMPLE

1530

ASBESTOS BULK ANALYSIS

SAMPLE DESCRIPTION

DESCRIPTION: COLOR-

WHITE

TEXTURE-

SOFT

HOMOGENOUS-

YES

LAYERED-

NO

CONTINUED ON NEXT PAGE

AMERICAN MEDICAL LABORATORIES, INC.

P.O. Box 10841 • 14225 Newbrook Drive
Chantilly, VA 22021-0841
Telephone: (703) 802-6900

INDUSTRIAL HYGIENE DEPARTMENT

PAGE 3

DD

RECEIVED : 07/06/95
RELEASED : 07/07/95
REPORTED : 07/07/95
WORK ORDER: 111372

17069 DPW ENVIRONMENTAL DIVISION
EDNA M. BARBER, ARMY-PWV
BLDG 313, FT. MYER
ARLINGTON, VA
222115050

PROJECT NAME/JOB ID: CALL #0037

AML NUMBER-----VALUE-----UNITS-----

CONTINUED FROM PRIOR PAGE

FIBROUS- YES

DATE COLLECTED: 6-15-95

TOTAL % ASBESTOS: 20-25 %

CHRYSTILE: 10-15 %

AMOSITE: 5-10 %

NON-FIBROUS: 70-75 %

UNSPECIFIED: 70-75 %

ANALYST: Lori Clapp

8482625 FM21406159506 BULK SAMPLE

1530 ASBESTOS BULK ANALYSIS

SAMPLE DESCRIPTION

DESCRIPTION: COLOR- GREY

TEXTURE- SOFT

HOMOGENOUS- YES

LAYERED- NO

FIBROUS- YES

DATE COLLECTED: 6-15-95

TOTAL % ASBESTOS: 30-35 %

CHRYSTILE: 30-35 %

FIBROUS NON-ASBEST: 5-10 %

CELLULOSE: 1-5 %

SYNTHETIC: 1-5 %

NON-FIBROUS: 50-55 %

UNSPECIFIED: 50-55 %

ANALYST: Lori Clapp

NOTATIONS

Analysis performed by trained asbestos analyst using polarized light microscopy with dispersion staining following "Method for the Determination of Asbestos in Bulk Building Materials", U.S.E.P.A., EPA-600/R-93/116, July 1993.

The percentages quoted are visually determined, and therefore subject to significant numerical uncertainty.

NVLAP required comments

CONTINUED ON NEXT PAGE

INTERNATIONAL MEDICAL LABORATORIES, INC.
P.O. Box 10841 • 14225 Newbrook Drive
Chantilly, VA 22021-0841
Telephone: (703) 802-6900

INDUSTRIAL HYGIENE DEPARTMENT

PAGE 4

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RECEIVED : 07/06/95 17069 DPW ENVIRONMENTAL DIVISION
RELEASED : 07/07/95 EDNA M. BARBER, ARMY-PWV
REPORTED : 07/07/95 BLDG. 313, FT. MYER
WORK ORDER: 111372 ARLINGTON, VA
222115050

PROJECT NAME/JOB ID: CALL #0037

AML NUMBER-----VALUE-----UNITS-----

CONTINUED FROM PRIOR PAGE

Results are for sample(s) as received by the
laboratory.

This report shall not be reproduced, except in full,
without the written approval of the laboratory.

This report shall not be used to claim product
endorsement by NVLAP or any agency of the U.S.
Government.

*** FINAL REPORT ***

BRYAN MASON
DIRECTOR, IND. HYGIENE

FOR INDUSTRIAL HYGIENE RELATED QUESTIONS,
INCLUDING REQUESTS FOR SUPPLIES, CALL
1-800-348-1590



HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division **Date Received** 1/20/03 **Report Number** 033102
Attn: Kenny Gantt
ANMY PW-V **Date Reported** 1/20/03 **Page** 1 of 1
Bldg. 313, Rm.4, Fort Myer
Arlington, VA 22211-5050 **Project Location** Call #1175. Ft. Myer Bldg. 214 O/C Mech
Rm. air handler

1. **Client Sample No.:** FM214011903-01 **HPE Sample No:** 033102-01
Sample Matrix: Air (1560 liters) **Date Collected:** 1/19/03
Sample Location: Final clearance #1, close to micro trap

Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 1/20/03 **Analyst:** SunB. Bowling **See Footnote:** 1

2. **Client Sample No.:** FM214011903-02 **HPE Sample No:** 033102-02
Sample Matrix: Air (1560 liters) **Date Collected:** 1/19/03
Sample Location: Final clearance #2, next to enter

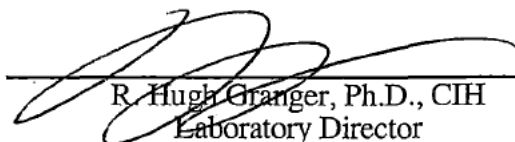
Test Requested: Asbestos Fiber Count • NIOSH-7400 "A" Rules

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>POL</u>
Fibers	NFO	f/cc	.002

Date Analyzed: 1/20/03 **Analyst:** SunB. Bowling **See Footnote:** 1

Reporting Notes:

(1) NFO = No observable fibers per 100 fields analyzed.


R. Hugh Granger, Ph.D., CIH
Laboratory Director



Report Number: 116109

HP ENVIRONMENTAL
INCORPORATED

Page 1 of 1

Certificate of Laboratory Analysis

FMMC/DPW Env. & Hygiene Division
Attn: Mary Thomas
204 Lee Ave, Bldg 59, Rm219
Fort Myer, VA 22211

Date Received: 11/01/11
Date Reported: 11/04/11
Project Location: Bldg 214, 2nd Floor

1. Client Sample No: M4 400 002 & 3
Sample Matrix: Water
Sample Location: Bldg 400

HPE Sample No.: 116109-01
Date Collected: 11/01/11

Test Requested: TPH - Diesel Range Organics
Preparation Method: EPA 3510
Analysis Method: EPA 8015

Date Prepared: 11/02/11
Date Analyzed: 11/02/11

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Qualifier</u>
TPH - DRO	< 0.5	mg/L	0.5	U

Test Requested: Total Suspended Solids
Analysis Method: EPA 160.2

Date Analyzed: 11/02/11

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Qualifier</u>
TSS	< 1.0	mg/L	1.0	U

JP

Approved by

11/04/11
Date

Analyte Qualifier Codes

U = Analyte was not detected

J = Analyte detected below reporting limit (estimated value)

D = Analyte reported from a sample dilution

B = Analyte was detected in the corresponding method blank

104 Elden Street, Suite 11
Herndon, Virginia 20170



Phone: 703 • 471-4200
Facsimile: 703 • 471-0020

HP ENVIRONMENTAL
INCORPORATED

115109

Test Request Form

Page 1 of 1

CLIENT NAME JBMHH SAFETY	REP NO. 1 FOR LABORATORY USE ONLY REF NO. 55985
ADDRESS 204 LEE AVE Bldg 59 Rm 219	RECEIVED BY Valencia DATE 11/1/11
JBMHH, VA 22211	ANALYZED BY Valencia DATE 11/1/11
PHONE/FAX (703) 696-6994	REVIEWED BY Valencia DATE 11/1/11

PLEASE TYPE OR PRESS HARD WITH BALL POINT PEN.

P.O. # / CONTRACT # / CALL # / JOB #	CONTACT PERSON MARY THOMAS	COLLECTED BY: MARY THOMAS DATE 11/01/2011
PROJECT LOCATION Bldg 214, 2nd Floor Kitchen Prep Room	SUBMITTED BY: MARY THOMAS DATE 11/01/2011	
TEST(S) REQUESTED OR TEST CODES (NOTE WITH EACH SAMPLE IF NECESSARY)	TOTAL NUMBER OF SAMPLES 1	MODE OF SHIPMENT USPS
☒ ROUTINE ☐ RUSH ☐ FAX ☐ PHONE	DESCRIBE THE PACKAGE OR SAMPLES BULK ASBESTOS	

SAMPLE NO.	TYPE	SAMPLE LOCATION & REMARKS	VOLUME / AREA
NO. 01 MY 214 001		Bldg 214, 2nd Floor Kitchen Prep Room	FLOW TIME ON FLOW TIME OFF
TEST CODE:		4x4 SECTION CEILING OVER TABLE	LITERS OR AREA
NO. 02 MY 400 002	TSS	Bldg 400	FLOW TIME ON FLOW TIME OFF
TEST CODE:			LITERS OR AREA
NO. 03 MY 400 003	TPH	Bldg 400	FLOW TIME ON FLOW TIME OFF
TEST CODE:			LITERS OR AREA
NO. 04			FLOW TIME ON FLOW TIME OFF
TEST CODE:			LITERS OR AREA
NO. 05			FLOW TIME ON FLOW TIME OFF
TEST CODE:			LITERS OR AREA
NO. 06			FLOW TIME ON FLOW TIME OFF
TEST CODE:			LITERS OR AREA
NO. 07			FLOW TIME ON FLOW TIME OFF
TEST CODE:			LITERS OR AREA
NO. 08			FLOW TIME ON FLOW TIME OFF
TEST CODE:			LITERS OR AREA
NO. 09			FLOW TIME ON FLOW TIME OFF
TEST CODE:			LITERS OR AREA
NO. 10			FLOW TIME ON FLOW TIME OFF
TEST CODE:			LITERS OR AREA
NO. 11			FLOW TIME ON FLOW TIME OFF
TEST CODE:			LITERS OR AREA
NO. 12			FLOW TIME ON FLOW TIME OFF
TEST CODE:			LITERS OR AREA



DEPARTMENT OF THE ARMY
JOINT BASE MYER - HENDERSON HALL
204 LEE AVENUE
FORT MYER, VIRGINIA 22211-1199

REPLY TO
ATTENTION OF

IMHH-SO

30 September 2013

MEMORANDUM FOR DIRECTORATE OF PUBLIC WORKS

Subject: Asbestos Sampling Results for Joint Base Myer-Henderson Hall [REDACTED]
Building 214

1. References:

a. 29 CFR 1926.1101, *Asbestos*

b. DA PAM 40-513, *Occupational and Environmental Health Guidelines for the Evaluation and Control of Asbestos Exposure*

2. On 26 September 2013, Mr. Mike Smith from the Directorate of Public Works collected a sample to determine if building material contained asbestos. The sample was collected from the first floor coat check room of Building 214 and consisted of tan floor tile and black mastic. The sample was sent to AmeriSci Richmond for analysis. The results were as follows:

Client Sample ID	Location/Material Sampled	Laboratory Results
13B214001	First Floor Coat Check Room/ Black Mastic	No Asbestos Detected
13B214002	First Floor Coat Check Room/ Tan Floor Tile	5% Asbestos

3. Discussion:

a. The black mastic sample is not considered asbestos containing material IAW 29 CFR 1926.1101.

b. The tan floor tile is considered asbestos containing material IAW 29 CFR 1926.1101. An asbestos abatement plan and proper certification for abatement personnel is required if work is to be carried out on the tan floor tile. The tan floor tile does not pose a risk for airborne fiber exposure as long as the material is not disturbed or worked on (cut, sanded or drilled). Occupants must be notified of the results of this survey.

4. If you require additional information pertaining to this memorandum, please contact the Joint Base Myer-Henderson Hall Installation Safety Office at 703-696-6996.

Christian M. Apsey
CHRISTIAN M. APSEY
Industrial Hygienist

2 Attachments:

1. PLM Bulk Asbestos Report
2. HPE Chain of Custody



AMERI SCI

AmeriSci Richmond

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

PLM Bulk Asbestos Report

HP ENVIRONMENTAL, INC.
Attn: Jason Edwards
104 Elden Street
Suite 11
Herndon, VA 20170

Date Received 09/27/13

Date Examined 09/29/13

RE: Ft Myer Bldg 214

AmeriSci Job # 113092070

P.O. #

Page 1 of 1

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
13B214001	113092070-01	No	NAD
Location: Ft Myer Bldg 214 - 1st Floor Coat Room Black Mastic Under Tan Floor Tile			(by CVES) by J. Samuel Baird on 09/29/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
13B214002	113092070-02	Yes	5 %
Location: Ft Myer Bldg 214 - 1st Floor Coat Room Tan Floor Tile			(by CVES) by J. Samuel Baird on 09/29/13
Analyst Description: Tan/Brown, Heterogeneous, Non-Fibrous, Floor Tile			
Asbestos Types: Chrysotile 5.0 %			
Other Material: Non-fibrous 95 %			

Reporting Notes:

Analyzed by: J. Samuel Baird

Date

9/29/13

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

Reviewed By: _____

104 Elden Street, Suite 11
Herndon, Virginia 20170

Phone: 703 • 471-4200
Facsimile: 703 • 471-0020

HPE

HP ENVIRONMENTAL
INCORPORATED

134334

Test Request Form

Page ____ of ____

CLIENT NAME Joint Base Myer - Henderson Hall	RPT. NO. 65749	FOR LABORATORY USE ONLY REF. NO.
ADDRESS 204 Fort Lee Avenue, Bldg 59 Rm 214	RECEIVED BY Brendy Herrera	DATE 9/26/2013
Ft Myer, VA 22211	ANALYZED BY:	DATE
PHONE / FAX 703-696-6996	REVIEWED BY:	DATE

PLEASE TYPE OR PRESS HARD WITH BALL POINT PEN.

P.O. # / CONTRACT # / CALL # / JOB #	CONTACT PERSON	COLLECTED BY: Christian Apsey	DATE 26 September 2013
PROJECT LOCATION Ft Myer Bldg 214		SUBMITTED BY: Christian Apsey	DATE 26 September 2013
TEST(S) REQUESTED OR TEST CODES (NOTE WITH EACH SAMPLE IF NECESSARY) Asbestos PLM	TOTAL NUMBER OF SAMPLES 2	MODE OF SHIPMENT	
☒ ROUTINE ☐ RUSH ☐ FAX ☐ PHONE		DESCRIBE THE PACKAGE OR SAMPLES Bulk	

SAMPLE NO.	TYPE	SAMPLE LOCATION & REMARKS	VOLUME / AREA
NO. 01 13B214001	Bulk	Ft Myer Bldg 214 - 1 st Floor Coat Room	FLOW TIME ON FLOW TIME OFF
TEST CODE:		Black Mastic under Tan Floor Tile	LITERS OR AREA
NO. 02 13B214002	Bulk	Ft Myer Bldg 214 - 1 st Floor Coat Room	FLOW TIME ON FLOW TIME OFF
TEST CODE:		Tan Floor Tile	LITERS OR AREA
NO. 03			FLOW TIME ON FLOW TIME OFF
TEST CODE:			LITERS OR AREA
NO. 04			FLOW TIME ON FLOW TIME OFF
TEST CODE:			LITERS OR AREA
NO. 05			FLOW TIME ON FLOW TIME OFF
TEST CODE:			LITERS OR AREA
NO. 06			FLOW TIME ON FLOW TIME OFF
TEST CODE:			LITERS OR AREA
NO. 07			FLOW TIME ON FLOW TIME OFF
TEST CODE:			LITERS OR AREA
NO. 08			FLOW TIME ON FLOW TIME OFF
TEST CODE:			LITERS OR AREA
NO. 09			FLOW TIME ON FLOW TIME OFF
TEST CODE:			LITERS OR AREA
NO. 10			FLOW TIME ON FLOW TIME OFF
TEST CODE:			LITERS OR AREA
NO. 11			FLOW TIME ON FLOW TIME OFF
TEST CODE:			LITERS OR AREA
NO. 12			FLOW TIME ON FLOW TIME OFF
TEST CODE:			LITERS OR AREA

SUBMIT THE WHITE & YELLOW COPIES TO THE

ENGINEERING WORK REQUEST - XFA, XFB, XFC
7 and DA Pam 420-6, the proponent agency is the Office of the Chief of Engineers.

ID CITATION	SHORT JOB DESCRIPTION																																								BUILDING/FACILITY		BLANK
																																									NUMBER	SUFFIX	
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	OPEN WINDOWS - LAMPLIGHTER																																										
BUILDING/FACILITY		BUILDING/FACILITY		BUILDING/FACILITY		BUILDING/FACILITY		BUILDING/FACILITY		BLANK																																	
NUMBER	SUFFIX	NUMBER	SUFFIX	NUMBER	SUFFIX	NUMBER	SUFFIX	NUMBER	SUFFIX																																		
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80																																											
CERS' CLUB.		DESCRIBE WHAT WILL HAPPEN IF WORK IS NOT ACCOMPLISHED																																									
		- WINDOWS WILL MAKE THE LOUNGE BRIGHTER - CLUB WILL BE ABLE TO SELL THE ROOM QUITE OFTEN AND GENERATE MORE REVENUE. - EXISTING BUSINESS WILL BE LOST IF WINDOWS ARE NOT OPENED																																									
		ISR Rating Category Bldg. Comp. Spec. Int. TOTAL																																									
		PERSON TO CALL FOR ADDITIONAL INFORMATION																																									
SIGNATURE		NAME		ORGANIZATION		TELEPHONE NO.																																					
for [Signature]		LOKESH SINGH		GENERAL MANAGER FMCM CLUBS		(703)524-0200																																					

WORK TO BE PERFORMED	FROM WILLIAM M. NIEZ Chief, Business Operations DPWL
☐ IN-HOUSE ☐ SELF-HELP ☐ CONTRACT ☐ TROOP	FACILITIES ENGINEER DATE

FORWARDED TO	
DESIGN	ESTIMATOR
19 20 21 22 23 24 25 26	
APPROVAL AUTHORITY	

APPROVED FOR DESIGN	SOURCE OF FUNDS
NAF-CPUC Waller m/y 28 July 03 SIGNATURE	As per Bill Nierz it is not on top, but we need to do it - Contract \$65K DATE 3/31/03 ☐ DIRECT ☐ AUTOMATIC REIMB. ☒ FUNDED REIMB.
BUDGET CODES	
AMSCO/TDAC APC Work Class	
7/11/03 ERF S C [Signature]	3/31/03 NAF Rich - Get Ed Gonzales to agree to it. Accomplished only if among the top 5

WHITE (ORIGINAL) - PROJECT FILE COPY
PINK - FORWARD TO KEYPUNCH AFTER COMPLETION OF "APPROVAL ACTION" BLOCK
BLUE - SUSPENSE FILE
GREEN - FORWARD TO KEYPUNCH AFTER COMPLETION OF "FORWARD FOR APPROVAL" BLOCK
YELLOW - REQUESTOR'S COPY

ENGINEERING WORK REQUEST - XFA, XFB, XFC
DA Pam 420-6, the proponent agency is the Office of the Chief of Engineers.

Copy

STATION	SHORT JOB DESCRIPTION	BUILDING/FACILITY		BLANK																																									
		NUMBER	SUFFIX																																										
35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

LAMPLIGHTER LOUNGE UPGRADE

BUILDING/FACILITY		BUILDING/FACILITY		BUILDING/FACILITY		BUILDING/FACILITY		BUILDING/FACILITY		BLANK																																			
NUMBER	SUFFIX	NUMBER	SUFFIX	NUMBER	SUFFIX	NUMBER	SUFFIX	NUMBER	SUFFIX																																				
35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

at include
windows to
be made that
recently brick
up.
How

DESCRIBE WHAT WILL HAPPEN IF WORK IS NOT ACCOMPLISHED

*****APPROVED CPMC FY03 PROJECT # 031014 *****

ISR Rating _____
Category _____
Bldg. Comp. _____
Spec. Int. _____
TOTAL _____

BUDGET CODE

AMSCO/TDAC

APC

Work Class

2003 MAY -7

FMMC - DPWL

TITLE	PERSON TO CALL FOR ADDITIONAL INFORMATION		
	NAME	ORGANIZATION	TELEPHONE NO.
	HERMAN R. JUGGINS	DPWL	(303) 691-7807

WORK TO BE PERFORMED	FROM	APPROVED FOR DESIGN	SOURCE OF FUNDS
IN-HOUSE SELF-HELP CONTRACT TROOP	GAY VANBRERO Chief, Business Operations DPWL FACILITIES ENGINEER DATE	PROPRIETARY APPROVAL SIGNATURE DATE	☐ DIRECT ☐ AUTOMATIC REIMB. ☐ FUNDED REIMB.

FORWARDED TO							
DESIGN	ESTIMATOR						
MO	DA	MO	DA				
19	20	21	22	23	24	25	26

Work and Logistics

VAL AUTHORITY

REMARKS

28 July 03
Proprietary approval
subject to conditions
in 28 Jul 03 memo (attached)
and attached Proprietary Approval Request sheet

5/19/03

WHITE (ORIGINAL) - PROJECT FILE COPY
PINK - FORWARD TO KEYPUNCH AFTER COMPLETION OF "APPROVAL ACTION" BLOCK
BLUE - SUSPENSE FILE

GREEN - FORWARD TO KEYPUNCH AFTER COMPLETION OF "FORWARD FOR APPROVAL" BLOCK
YELLOW - REQUESTOR'S COPY

INDUSTRIAL HYGIENE DEPARTMENT

PAGE 1

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17069 DPW ENVIRONMENTAL DIVISION
EDNA M. BARBER, ARMY-PWV
BLDG. 313, FT. MYER
ARLINGTON, VA
222115050

PROJECT NAME/JOB ID: CALL #0037

AML NUMBER-----VALUE-----UNITS-----

8482620 FM21406159501 BULK SAMPLE

1530 ASBESTOS BULK ANALYSIS

SAMPLE DESCRIPTION

DESCRIPTION: COLOR-

CREAM

TEXTURE-

COARSE

HOMOGENOUS-

YES

LAYERED-

NO

FIBROUS-

YES

DATE COLLECTED:

6-15-95

TOTAL % ASBESTOS:

<1 %

FIBROUS NON-ASBEST:

40-45 %

CELLULOSE:

40-45 %

NON-FIBROUS:

50-55 %

UNSPECIFIED:

50-55 %

NOTES:

No asbestiform minerals
observed.

ANALYST:

Lori Clapp

8482621 FM21406159502 BULK SAMPLE

1530 ASBESTOS BULK ANALYSIS

SAMPLE DESCRIPTION

DESCRIPTION: COLOR-

WHITE

TEXTURE-

SOFT

HOMOGENOUS-

YES

LAYERED-

NO

FIBROUS-

YES

DATE COLLECTED:

6-15-95

TOTAL % ASBESTOS:

30-35 %

AMOSITE:

30-35 %

NON-FIBROUS:

60-65 %

UNSPECIFIED:

60-65 %

ANALYST:

Lori Clapp

8482622 FM21406159503 BULK SAMPLE

1530 ASBESTOS BULK ANALYSIS

SAMPLE DESCRIPTION

DESCRIPTION: COLOR-

CREAM

TEXTURE-

COARSE

HOMOGENOUS-

YES

CONTINUED ON NEXT PAGE

INDUSTRIAL HYGIENE DEPARTMENT

PAGE 2

DD

RECEIVED : 07/06/95
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REPORTED : 07/07/95
WORK ORDER: 111372

17069 DPW ENVIRONMENTAL DIVISION
EDNA M. BARBER, ARMY-PWV
BLDG. 313, FT MYER
ARLINGTON, VA

222115050

PROJECT NAME/JOB ID: CALL #0037

AML NUMBER-----VALUE-----UNITS-----

CONTINUED FROM PRIOR PAGE

LAYERED- NO

FIBROUS- YES

DATE COLLECTED: 6-15-95

TOTAL % ASBESTOS: <1 %

FIBROUS NON-ASBEST: 45-50 %

CELLULOSE: 10-15 %

FIBROUS GLASS: 30-35 %

NON-FIBROUS: 45-50 %

UNSPECIFIED: 45-50 %

NOTES: No asbestiform minerals
observed.

ANALYST: Lori Clapp

8482623 FM21406159504 BULK SAMPLE

1530 ASBESTOS BULK ANALYSIS

SAMPLE DESCRIPTION

DESCRIPTION: COLOR- TAN

TEXTURE- COARSE

HOMOGENOUS- YES

LAYERED- NO

FIBROUS- YES

DATE COLLECTED: 6-15-95

TOTAL % ASBESTOS: <1 %

FIBROUS NON-ASBEST: 30-35 %

FIBROUS GLASS: 30-35 %

NON-FIBROUS: 60-65 %

UNSPECIFIED: 60-65 %

NOTES: No asbestiform minerals
observed.

ANALYST: Lori Clapp

8482624 FM21406159505 BULK SAMPLE

1530 ASBESTOS BULK ANALYSIS

SAMPLE DESCRIPTION

DESCRIPTION: COLOR- WHITE

TEXTURE- SOFT

HOMOGENOUS- YES

LAYERED- NO

CONTINUED ON NEXT PAGE

INDUSTRIAL HYGIENE DEPARTMENT

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EDNA M. BARBER, ARMY-PWV
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ARLINGTON, VA
222115050

PROJECT NAME/JOB ID: CALL #0037

AML NUMBER-----VALUE-----UNITS-----

CONTINUED FROM PRIOR PAGE

FIBROUS- YES

DATE COLLECTED: 6-15-95

TOTAL % ASBESTOS: 20-25 %

CHRYSTILE: 10-15 %

AMOSITE: 5-10 %

NON-FIBROUS: 70-75 %

UNSPECIFIED: 70-75 %

ANALYST: Lori Clapp

8482625 FM21406159506

BULK SAMPLE

1530 ASBESTOS BULK ANALYSIS

SAMPLE DESCRIPTION

DESCRIPTION: COLOR- GREY

TEXTURE- SOFT

HOMOGENOUS- YES

LAYERED- NO

FIBROUS- YES

DATE COLLECTED: 6-15-95

TOTAL % ASBESTOS: 30-35 %

CHRYSTILE: 30-35 %

FIBROUS NON-ASBEST: 5-10 %

CELLULOSE: 1-5 %

SYNTHETIC: 1-5 %

NON-FIBROUS: 50-55 %

UNSPECIFIED: 50-55 %

ANALYST: Lori Clapp

NOTATIONS

Analysis performed by trained asbestos analyst using polarized light microscopy with dispersion staining following "Method for the Determination of Asbestos in Bulk Building Materials", U.S.E.P.A., EPA-600/R-93/116, July 1993.

The percentages quoted are visually determined, and therefore subject to significant numerical uncertainty.

NVLAP required comments

CONTINUED ON NEXT PAGE

INDUSTRIAL HYGIENE DEPARTMENT

PAGE 4

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AML NUMBER-----VALUE-----UNITS-----

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without the written approval of the laboratory.

This report shall not be used to claim product
endorsement by NVLAP or any agency of the U.S.
Government.

*** FINAL REPORT ***

BRYAN MASON
DIRECTOR, IND. HYGIENE

FOR INDUSTRIAL HYGIENE RELATED QUESTIONS,
INCLUDING REQUESTS FOR SUPPLIES, CALL
1-800-348-1590

Real Property Facility Data Changes

Army Installation and Address:



Facility Number: 214
RPUID: 578547

Date Assigned by ID Manager: 26-Jul-2019
Date of Physical Inspection: 26-Jul-2019

Field Name	Original Value	Final Value	Inspector Comments	QA Comments
Installation Code	51375	51375		
Installation Name	John Base Myer Henderson Hall	John Base Myer Henderson Hall		
Site Code	5036	5036		
Site Name	Fort Myer	Fort Myer		
RPSUID (Real Property Site Unique Identifier) *Site UID	5036	5036		
RPUID (Real Property Unique Identifier)	578547	578547		Recommend updating RP records to reflect RPUID as required
Facility Condition Index	70	70		
Facility Number	214	214		
Building/Facility Name	Officer Open Dining Facility	Officer Open Dining Facility		
RPA Type Code	B	B		
RPA Interest Type Code	FEE	FEE		
RPA Placed Service Date	10/13/1967	7/1/1896	Building was joined with another building in 1967 but building has been in service according to 2877 "old card" since 1896.	
Acquisition Date	10/13/1967	7/1/1896	Building was joined with another building in 1967 but building has been in service according to 2877 "old card" since 1896.	
Construction Type Code	PERM	PERM		
RPA Operational Status Code	ACT	ACT		
RPA Predominant Current Use CATCODE	74048	74048		even though CATCODE numbers are the same, the format is the old format. Needs documentation to update to current format to standardize all assets
RPA Predominant Current Use FAC		7333		FAC is found by cross-referencing CATCODE in RPCCS
RPA Predominant Design Use CATCODE	74048	74048		
RPA Predominant Design Use FAC		7333		FAC is found by cross-referencing CATCODE in RPCCS
RPA Historic Status Code	H-NHL	H-NHL		
RPA Historic Status Date	6/30/2010	40178		
RPA Total Unit of Measure Quantity	214/77310		Virginia Historic Records This element was not able to be validated due to the lack of documentation to support the value of the element.	
RPA Total Unit of Measure Code	SE/SF	SF	SF is documented but no support for SE	
RPA Command Claimant Code	ARACT	ARACT		
RPA Utilization Rate	100	100		
RPA Financial Reporting Org Code	00	00		
Asset Review Date				
Asset Review Code				
Address Street Direction Code				
Address Street Name	Jackson	Jackson		
Address Street Number	305	214	Maps and Website	
Address Street Type Code	AVE	AVE		
City Code	Fort Myer	Fort Myer		
County Code	Arlington	Arlington		
State Code	VA	VA		
Country Code	USA	USA		
Postal Code	22211-1101	22211-1101		
Acquisition Method Code				This element was not able to be validated due to the lack of documentation to support the value of the element.
Acquisition Fund Source Code	2020	2020		
Asset Allocation User Org Code	00	00		
Asset Allocation Size Quantity	214/77310,1.1		Intergraph Survey has been completed, no supportive documentation. Signs are listed on DART form. The sign in front of the building has it's own Building # 21401?	This element was not able to be validated due to the lack of documentation to support the value of the element.
Asset Allocation Size Unit of Measure Code	SE/SF,EA,EA	SF	SF is documented but no support for SE	
Asset Allocation Sustainment Fund Code	2020	2020		
Asset Allocation Sustainment Org Code	00	00		
Asset Allocation Current Use CATCODE Code	74048,69030		Signs are listed on DART, at least one of the signs have their own building #	This element was not able to be validated due to the lack of documentation to support the value of the element.
Asset Allocation Operational Fund Source Code	2020	2020		
Asset Allocation Operational Funding Org Code	00	00		
Asset Configuration Design Use CATCODE	74048,69030		Signs are listed on DART, at least one of the signs have their own building #	Pooled Space 1697 and 1698 elements were not able to be validated due to the lack of documentation to support the value of the element.
Asset Configuration Design Use FAC		7333		FAC is found by cross-referencing CATCODE in RPCCS
Asset Configuration Size Quantity	214/77310,1.1		Intergraph Survey has been completed, no supportive documentation. Signs are listed on DART form. The sign in front of the building has it's own Building # 21401?	This element was not able to be validated due to the lack of documentation to support the value of the element.
Asset Configuration Size Unit of Measure Code	SE/SF,EA,EA	SF	SF is documented but no support for SE	
Facility Replacement Program Fund Code	2050	2050		
Facility Replacement Program Org Code	00	00		
Facility Restoration/Modernization Program Org Code	00	00		
Facility Restoration/Modernization Program Fund Code	2020	2020		
Date of Physical Inspection	26-Jul-2019	7/26/2019		
Date of Supporting Documentation Review	29-Jul-2019	7/29/2019		
Date of Inspection/KSD Review Completion				

X

RPAO or Appointed Approving Official

7333

Physical Inventory (Minimum Data) Worksheet

Zone: Fort Myer , Installation Code: 51375 , RPSUID: 5036 FY: 2019
 RPUID: 578947 Facility Number: 214 Asset Number: 300002896

Image not available



☒ Interest Code FEE ☒ Type Code: B Company Code: ARMY User Status: ACT ☒
 P-I-S Date: 10/13/1967 Facility Readiness C T1 Utilization 100 ☒ Physical Quality Rating 870
☒ Main Usage: 74048-OFFICER OPEN DINING FACILITY Current Usage: 74048 - OFFICER OPEN DINING FACILITY ☒
 Name of BU: OFFICER'S CLUB corner of Lee & Jackson A Unit of Meas Type & Qty Seats, Number of: 214.00
 Do Main Usage Cat Code & Current Usage Cat Code Mat Yes Square Foot: 77310.00 *> Intergraph*

Historic Status Code & Desc H - NHL Contributing Element Historic Status: 06/30/2010
 Coordinates: Coordinates Verified Facility Number Sign: Facility Existence:
 House Number & Street: 305 JACKSON AVENUE City: FORT MYER State: VA
 District: ARLINGTON Country Name & Code US Photo ID & Date: - Postal Code: 22211-1101

Location Directions

Inspector: _____ Phone: _____ Inspection Date: _____
 Signature: _____ Agency/MILDEP Sign: _____
 Print: _____ Print: _____

Physical Inventory (Minimum Data) Worksheet

Zone: Port Myer, Installation 51375 ,RPSUID: 5036 FY: 2019
 RPUID: 578947 Facility Number: 214 Asset Number: 30C002896

Subject to DOD Agency/Activity Reconciliation: No
 Other Service Reconciliation:
 Asset Construction Agent: USACE Command Claimant Code: ARACT
 Facility Replacement Program Fund Code: 2050 Facility Replacement Program Org: 00
 Facility Rest/Mod Program Fund Code: 2020 Facility Rest/Mod Program Org Cod: 00
 Acquisition Fund Source Code: 2020 Acquisition Organization Code: 00
 Financial Reporting Organization: 00
 Disposal Fund Program Code: Disposal Organization Code: 00
 Acquisition Basic Cost Amount: 0.00 Insurable Value(Plant Replace Value): 20,100,315.00
 Insurable Value Posted: Yes

Pooled Space: 850

RU No. Old: Usage Type: 74048 - OFF OPEN DINING
 Name of RO: 74048 - OFF OPEN DINING Cash Flow From:
 Meas From Date: 12/27/2011 Meas To Date:
 Valid From Date: 12/27/2011 Valid To Date: Unit of Meas Type/Quantity: Seats, Number of: 214
 Square Foot: 77310

Rental Space: 851

RU No. Old: 10UCD4-SD Usage Type: 74048 - OFF OPEN DINING
 Name of RO: Rental Space Cash Flow From: 12/27/2011
 Meas From Date: 12/27/2011 Meas To Date:
 Valid From Date: 12/27/2011 Valid To Date: Unit of Meas Type/Quantity: Seats, Number of: 214
 Square Foot: 77310

Contract: 223069

User Status: A Aligned under UIC Space Assignment Contract: Y N No Contract
 Contract Number: 223069 Contract UIC: 10UC04 Contract UIC Extension: SD
 Contract Name: 10UC04-SD Reimbursable Agreement Support Code:
 Asset Allocation Sustainment Fund Code: 2020 Contract Start Date: 12/27/2011
 Asset Allocation Operational Fund Source Code: 2020 Cash Flow From: 12/27/2011
 Asset Allocation Operational Fund Org Code: 00 1st Contract End Date:
 Asset Allocation Sustainment Org Code: 00 Relationship Valid From:
 Asset Allocation User Org Code: 00 Relationship Valid to:
 Customer ID: Relationship Custodian:

Pooled Space: 1697

RU No. Old: Usage Type: 69030 - FAC INFO SIGN
 Name of RO: Cash Flow From:
 Meas From Date: 01/25/2017 Meas To Date:
 Valid From Date: 01/25/2017 Valid To Date: Unit of Meas Type/Quantity: Each: 1

Pooled Space: 1698

RU No. Old: Usage Type: 69030 - FAC INFO SIGN
 Name of RO: Cash Flow From:
 Meas From Date: 01/25/2017 Meas To Date:
 Valid From Date: 01/25/2017 Valid To Date: Unit of Meas Type/Quantity: Each: 1

OSD Requirements:

ACQ PISD: 07/01/199	Acq Orig Asset Rod Cost: \$2,087,187.	ACQ Accum Depr Amnt: \$-2,087,187	Asset NEV: \$0.00
CI PISD: 01/13/1995	CI Asset Rod Cost: \$639,140.00	CI Accum Depr Amnt: \$-639,140.00	CI NEV: \$0.00
CI PISD: 01/13/1995	CI Asset Rod Cost: \$639,140.00	CI Accum Depr Amnt: \$-639,140.00	CI NEV: \$0.00

-For Official Use Only-
Army Real Property Existence & Completeness
Supporting Documentation Checklist

General Information:

Installation Name: Ft Myer Site UID: 5036
Real Property Type: Building RPUID: 578947 - Fac # 00214
Acquisition Date: 1-Jul-1896 Verification Form: 2877 lists orig. Construction as 1896
New Acquisition Date: _____
File Review Date: 27-Oct-2011 Reviewer: Lauren
Physical Inventory Date: _____ Reviewer: _____
☐ Physical Inventory Completed **Denotes FIAR accepted Existence documentation

Acquisition Documentation:

☒ DD Form 1354: Transfer and Acceptance of Real Property: (Interim, Final, Other) **New construction
☐ DD Form 250- Material and Inspection Receiving Report **
☐ DD Form 1155: Purchase Order
☐ Contract Modifications & Change Orders
☐ Cost Breakdown Structure
☐ Statement of Work
☐ Contract Invoices
☐ Letter of Beneficial Occupancy **
☒ Legal Documentation: (Contract, Deed, Lease, Transfer, Other: Evidence of Source)

☒ DD Form 1391: Military Construction Project Data
☐ Acquisition Authorization or Approval
☐ Documentation of Indirect Costs Incurred
☐ Engineering Determination of Capital Improvement
☐ Signed Acceptance Document (Specify Form: _____)
☐ Final Payment Authorization or Approval:
☐ Work Order/Completion Report
☐ Transferred Inventory List

Capital Improvement Documentation:

☐ DD Form 1354: Transfer and Acceptance of Real Property **
☐ Acquisition Authorization or Approval
☐ Contract Invoices
☐ Legal Documentation: (Contract, Deed, Lease, Transfer, Other: _____)
☐ Signed Acceptance Document (Specify Form: _____)
☐ Final Payment Authorization or Approval

Disposal Documentation:

Note: Review of original acquisition documentation is required.

☐ DD Form 1354: Transfer and Acceptance of Real Property **
☐ Declaration of Excess Document
☐ Disposal Approval Document
☐ Legal Documentation: (Contract, Deed, Lease, Transfer, Other: _____)
☐ Documentation of Disposal Start Date
☐ McKinney Act Checklist
☐ Executed Disposal Documentation
☐ DA Form 337: Request for Approval of Disposal of Buildings and Improvements
☐ Transfer Documentation

Other Documentation:

☒ DA Form 2877
☐ Attestation/Valuation Memo
☐ Asset Photograph **
☐ JFS/GFEBS Screenshot

✓ Additional Source Doc Memo

Additional Documentation: _____

Notes: _____

-For Official Use Only-

SITE CODE 51375 BUILDING NUMBER 00214 RPUID 578947

FOLDER CHECKLIST

- ☒ LEFT SIDE – General Information
 - ☒ Property Card, if available
 - ☒ IFS Asset Data Screen print
 - ☒ IFS Cost Summary Screen print
 - ☒ IFS Cost Details List Screen print
 - ☒ Photo
 - ☐ Floor plans, maps, etc. (optional)
- ☐ RIGHT SIDE – Lifecycle Event/Transaction Information
 - ☐ Acquisition Event is first; subsequent events build up chronologically
 - ☐ Work Authorization (at least one required for each event)
 - ☐ DD Form 1391 (Tab A and H)
 - ☐ DD Form 4283/Work Request/Individual Job Order (with signatures)
 - ☐ Special Legislation Document
 - ☐ Other _____
 - ☐ DD Form 1354 for every capitalized event on cost detail list (both sides with signatures)
 - ☐ Contract front page
 - ☐ Contract excerpt for Statement of Work – Schedule C
 - ☐ Task Order/Delivery Order
 - ☐ Final Contract Progress Payment Request/Schedule G
 - ☐ With final DD Form 1354, attach DD 1594 Contract Completion Statement or RMIS Report showing final payment
 - ☐ Verify Receipt of As-Builts
 - ☐ Other _____
- ☐ MANAGEMENT
 - ☐ ISR Report – Services
 - ☐ Diversion/Conversion Requests
 - ☐ Utilization Report
 - ☐ Annual Inspection Report
 - ☐ Copy of Outgrant (as applicable)
 - ☐ Other _____
- ☐ DISPOSAL
 - ☐ Historic Review/Check
 - ☐ HUD/McKinney Checklist
 - ☐ DD Form 337/Tab H from DD Form 1391
 - ☐ Report of Excess/Disposal Report
 - ☐ Environmental Documentation: REC/EA/EBS/RONA
 - ☐ Transfer Documents i.e. letters, MOAs, 1354, etc.
 - ☐ Privatization Documents
 - ☐ Other _____



07 25 2019









29 MAR 2011
67-196 015



214

3-2-114



NORTHROP GRUMMAN

Fort Myer / Henderson Hall Joint Base General Site Map



1. FACILITY NO. 214		2. DESIGNATION OPEN MESS OFF		3. CATEGORY CODE 740 48		4. DESIGNED CAPACITY 18,109 SF		5. TOTAL AREA 18,690			
6. UNIT OF MEASURE SF			7. DRAWING NO.			8. MAP NO.			9. ☐ LEASED ☒ OWNED LEASE NO.		
10. AIR CONDITIONING				16. FIRE PROTECTION				18. TYPE OF CONSTRUCTION			
a. TYPE				a. NUMBER				☒ PERM ☐ SEMI-PERM ☐ TEMP			
b. CAPACITY				b. TYPE Fire Ext & Sprinkler				19. BUILDING DIMENSIONS			
c. SQ YD AIR COND				17. MATERIALS				a. MAIN BLDG 44 1/2 x 137-2fl			
11. HEATING				a. FOUNDATION Concrete				b. OFFSETS			
a. SOURCE Boiler				b. FLOOR Concrete & Wood				1. ADDITION 20x20			
b. FUEL Oil				c. WALLS Brick				d. BASEMENT 42 1/2 x 137 x 8			
12. HOT WATER FACILITIES				d. ROOF Slate				e. ATTIC			
a. CAPACITY 300 gal				e. SURFACE				20. TYPE OF CARD			
b. TEMPERATURE RISE				f. BASE				☒ BLDG ☐ MISC STR			
13. NO. USABLE FLOORS 2			14. OTHER MEASUREMENTS			☐ UTIL DIST SYS ☐ RAILROAD					
						☐ LAND ☐ SURFACED AREAS					
15. UTILITY CONNECTIONS						21. REMARKS					
	NUMBER	SIZE	CAPACITY								
a. WATER	1	1 3/4"									
b. SEWER	1	8"									
c. ELECTRICITY	1	120/208V AC	600amp 4w3ph								
d. GAS	1	2"									
e. STEAM											
f. CONDENSATE	1	1 1/4"									