



# **ASBESTOS CONTAINING BUILDING MATERIAL REPORT BUILDING 24**

**Bay Pines VA Medical Center  
10000 Bay Pines Boulevard  
Bay Pines, Florida**

Project No. 2009011.001

July 31, 2009



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## ACKNOWLEDGMENT

This Asbestos Building Survey/Analytical Report was prepared for the Department of Veteran Affairs Medical Center, Bay Pines, Florida in anticipation of potential future building renovations and in accordance with an established scope of work as defined in Contract Number VA248-P-1114. The information presented herein is based on the facts and information conveyed to or received by M&A during the preparation of this report. If any of the information provided to M&A that was used in preparing this plan is incorrect, incomplete, or subject to change, M&A would wish to alter its opinion(s) accordingly. In addition, the professional opinions and information contained in this report are based solely on the requirements of the applicable regulations and technical data as known to M&A as of the date of this report and considered applicable to this report.

This report was prepared by the following Mabbett & Associates, Inc. personnel:



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## **1.0 INTRODUCTION & EXECUTIVE SUMMARY**

Mabbett and Associates, Inc. (M&A) with ECS Florida, LLC (ECS) as a sub-contractor performed a pre-renovation asbestos-containing materials (ACM) inspection survey of the VA Medical Center located at 10000 Bay Pines Boulevard, Bay Pines, Florida under contract VA248-P-1114. Site survey work was performed during June and July, 2009, by appropriately credentialed personnel as required. There were 150 samples collected during the course of the survey phase. Samples collected were analyzed by a certified laboratory for asbestos content by polarized light microscopy (PLM) using stop positive methodology. Materials consisting of multiple layers were analyzed separately. The results of the survey indicated the presence of asbestos in the building.

This building report consists of a summary of findings, floor plans indicating sample locations and findings information, detailed analytical findings for the specific surveyed building, photos of identified ACM positive homogenous samples; and Appendices/Back-up Data, including laboratory results and field data sheets.

## **2.0 BUILDING DESCRIPTION**

According to information provided by VAMC Bay Pines and observations made during the field survey, Building 24 was a 3-story unoccupied building built in 1937-1938. Building 24 was approximately 37,595 square feet (ft<sup>2</sup>).

## **3.0 SAMPLING METHODOLOGY**

Samples of suspected ACM including floor tile, mastic, plaster, etc. were collected from accessible building locations according to the scope of work, Pinellas County Code Chapter 58, National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR Part 61 and other applicable state and Federal guidelines. Bulk material sampling was conducted according to the following sampling plan:

### **a) Surfacing material:**

- (1) At least three bulk samples shall be collected from each homogeneous area that is 1,000 ft<sup>2</sup> or less.
- (2) At least five bulk samples shall be collected from each homogeneous area that is greater than 1,000 ft<sup>2</sup> but less than or equal to 5,000 ft<sup>2</sup>.
- (3) At least seven bulk samples shall be collected from each homogeneous area that is greater than 5,000 ft<sup>2</sup>.

### **(b) Thermal system insulation:**

- (1) At least three bulk samples from each homogeneous area of thermal system insulation
- (2) At least one bulk sample from each homogeneous area of patched area of thermal system insulation.
- (3) Sufficient samples from elbows and fittings to determine if it contains ACM.
- (4) Bulk samples were not collected from any homogeneous area where the accredited inspector determined that the thermal system insulation is fiberglass, foam glass, rubber, or other non-ACBM.

(c) Miscellaneous material:

- (1) At least one bulk sample shall be collected from each homogeneous area that is less than 100 ft<sup>2</sup>
- (2) At least three bulk samples shall be collected from each homogeneous area that is greater than 100 ft<sup>2</sup>

A visual screening inspection was conducted by Florida Licensed Asbestos Inspectors throughout the entire Building 24 to determine the locations of suspect ACM. Only areas that were accessible during the field work phase were inspected. Many offices, patient care areas, and other sensitive areas were not accessible by the survey teams. Any suspect ACM that may be present within the walls, above inaccessible hard ceilings, or in other inaccessible locations, that was not inspected should be assumed to contain asbestos if discovered during any renovation process or until otherwise verified.

#### **4.0 ANALYTICAL METHODOLOGY**

The bulk asbestos samples collected including available layers were analyzed by polarized light microscopy (PLM). Sampling results are summarized in the enclosed Building Results Table. The PLM analytical protocol requires each layer of the sample to be analyzed separately. The quantity of analyses will vary based on the number of layers in a sample and whether a "positive stop" is employed. Note: when one sample of a homogeneous area is positive, the remainder of the samples was not analyzed because the entire homogeneous area is considered positive, as indicated on the results tables and drawings.

Samples were submitted to EMSL Analytical, Inc., of Orlando, FL and Ann Arbor, MI for PLM analysis of bulk materials via EPA 600/R-93/116 Method. PLM analysis was conducted in conjunction with dispersion staining as outlined by 40 CFR 63, Subpart F dated January 1987. EMSL Analytical is accredited by the American Industrial Hygiene Association (AIHA) and participates in the National Voluntary Laboratory Accreditation Program (NVLAP License 101151-0). Copies of the laboratory accreditations are included in Appendix A.

For purposes of this report and consistent with county and Federal regulations, asbestos containing materials are any materials containing more than one percent (1%) asbestos as determined by PLM.

#### **5.0 SUMMARY OF ASBESTOS CONTAINING MATERIALS (ACM) FINDINGS**

A table with all available sample results for this building is enclosed with a summary of positive sample locations below. Where a sample was found positive, a representative photo of the material is provided in the Photos section of this report. Analytical results and Inspector Field Notes are provided in Appendix A and Appendix B respectively.

The CADD drawing for this building shows approximate asbestos sample locations and shortened sample numbers. The floor plan legend shows positive sample numbers and associated positive (stop positives) in blue on the drawing. Building areas containing ACM are shown on the drawing in red with markings to indicate the kind of material (e.g., floor tile).

## Summary of Positive ACM Samples

Sample#	Sample Location	ACM Location	Description of Material	Percent and Type of Asbestos	Condition	Estimated Quantity	NESHAP Category
51	3rd Floor Pipe Chase	3rd Fl. Pipe Chase	Water Pipe Insulation	30% Chrysotile	Good	500 LF	Friable
69 Floor Tile	Building Hallways	2nd Floor Hallway Under Carpet	Green Floor Tile	8% Chrysotile	Good	995 SF	I
92 Floor Tile	Room 126	Stairways	9" x 9" Dark Brown Floor Tile	8% Chrysotile	Good	1,185 SF	I
92 Mastic	Room 126	Stairways	Black Mastic	8% Chrysotile	Good	1,185 SF	I
95 Mastic	Room 126	Stairways	Black Mastic on 9" x 9" Brown Floor Tile	4% Chrysotile	Good	1,185 SF	I

SF – Square Feet

LF – Linear Feet

Category I – non-friable asbestos-containing material (ACM) – means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than 1 percent asbestos as determined using the method specified in Appendix A, Subpart F, 40 CFR part 763, Section I, Polarized Light Microscopy.

Category II – non-friable ACM – means any material, excluding Category I non-friable ACM, containing more than 1 percent asbestos as determined using the methods specified in Appendix A, Subpart F, 40 CFR part 763, Section I, Polarized Light Microscopy that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

Friable asbestos material – means any material containing more than 1 percent asbestos as determined using the method specified in Appendix A, Subpart F, 40 CFR part 763 Section I, Polarized Light Microscopy, that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

## **6.0 LIMITATIONS**

This inspection report is the result of a diligent search of the building for asbestos containing building materials. The purpose of this inspection was to identify ACM. Only materials that were accessible were sampled and submitted to the laboratory for asbestos analysis. However comprehensive this inspection appears, it does not claim to have identified all of the asbestos-containing materials present in the facility. M&A's evaluation was performed with limitations inherent to visual inspections. M&A has conducted this assessment with reasonable care and has performed this study within general industry standards. As with any study of this nature, limitations are inherent. There can be no assurances, and M&A makes no assurances, that the said information, research, and technology may not change in the future, thus affecting the services provided. M&A understands that you will be the sole recipient of our report and will not distribute the report to any other party without prior written approval.

## **7.0 CLOSING REMARKS**

The VAMC should assume materials not previously sampled due to accessibility, etc. which will be impacted by any future renovation activities to be asbestos-containing materials unless proved otherwise. Only Florida Licensed Asbestos Consultants can state that a building material is presumed to be asbestos-containing. If asbestos-containing materials must be disturbed as a part of the renovations, all ACMs must be removed by a State of Florida licensed asbestos abatement contractor. If proposed renovations will not disturb asbestos-containing materials, continuous monitoring of ACMs should be conducted throughout renovation activities to ensure the ACMs remain in an intact condition. Additionally, prior to commencing renovations, all contractors involved with the renovations should be made aware of the location and quantity of ACM within the building in which they will be working.

If any asbestos-containing material is damaged or becomes damaged it should be repaired, if possible, or removed entirely.

Prior to initiating any renovation or demolition project, Federal Law requires that the local EPA representative's office be notified in writing at least 10 working days prior to the onset of the project. The State Asbestos Coordinator's Office also requires a copy of the notification (address to State Asbestos Coordinator, State of Florida Environmental Regulation, 2600 Blare Stone Road, Tallahassee, Florida 32399-2400).

## TABLE



Asbestos Screening Results  
VA Medical Center - Bay Pines, FL

Building 24

Sample #	Room #	Area Designation	Description of Material	Asbestos % Type	Estimated Quantity	Location	Condition	NESHAP Category
24SJM 1	131	Conference Room	Carpet Mastic	NAD				
24SJM 2	131	Conference Room	Carpet Mastic	NAD				
24SJM 3	131	Conference Room	Carpet Mastic	NAD				
24SJM 4		3rd Floor Hallway	Wall Texture	NAD				
24SJM 5		3rd Floor Hallway	Wall Texture	NAD				
24SJM 6		3rd Floor Hallway	Wall Texture	NAD				
24SJM 7		2nd Floor Hallway	Wall Texture	NAD				
24SJM 8		2nd Floor Hallway	Wall Texture	NAD				
24SJM 9		2nd Floor Hallway	Wall Texture	NAD				
24SJM 10		1st Floor Hallway	Wall Texture	NAD				
24SJM 11		3rd Floor Hallway	Tan Baseboard Mastic	NAD				
24SJM 12		3rd Floor Hallway	Tan Baseboard Mastic	NAD				
24SJM 13		3rd Floor Hallway	Tan Baseboard Mastic	NAD				
24SJM 14	333	Conference Room	Drywall	NAD				
24SJM 15	333	Conference Room	Drywall	NAD				
24SJM 16	333	Conference Room	Drywall	NAD				
24SJM 14A*		3rd Floor Hallway	Joint Compound	NAD				
24SJM 15A*		3rd Floor Hallway	Joint Compound	NAD				
24SJM 16A*		3rd Floor Hallway	Joint Compound	NAD				
24SJM 17	333	Conference Room	Drywall Compound	NAD				
24SJM 18	333	Conference Room	Drywall Compound	NAD				
24SJM 19	333	Conference Room	Drywall Compound	NAD				
24SJM 17A*		3rd Floor Hallway	Joint Compound	NAD				
24SJM 18A*		3rd Floor Hallway	Joint Compound	NAD				
24SJM 19A*		3rd Floor Hallway	Joint Compound	NAD				
24SJM 20	333A	Porch	Exterior Stucco	NAD				
24SJM 21	333A	Porch	Exterior Stucco	NAD				
24SJM 22	315A	Porch	Exterior Stucco	NAD				
24SJM 23	127A	Porch	Exterior Stucco	NAD				
24SJM 24	127A	Porch	Exterior Stucco	NAD				
24SJM 25	127A	Porch	Exterior Stucco	NAD				
24SJM 26		Outside Mechanical room	Exterior Stucco	NAD				
24SJM 27	333A	Porch	Exterior Window Glazing	NAD				
24SJM 28	333A	Porch	Exterior Window Glazing	NAD				
24SJM 29	333A	Porch	Exterior Window Glazing	NAD				
24SJM 30 Floor Tile	316		Light Grey Vinyl Flooring	NAD				
24SJM 31 Floor Tile	316		Light Grey Vinyl Flooring	NAD				
24SJM 32 Floor Tile	316		Light Grey Vinyl Flooring	NAD				
24SJM 30 Mastic	316		Yellow Mastic	NAD				
24SJM 31 Mastic	316		Yellow Mastic	NAD				
24SJM 32 Mastic	316		Yellow Mastic	NAD				
24SJM 33		3rd Floor Hallway	2' x 4' White Speckle Ceiling Tile	NAD				
24SJM 34		3rd Floor Hallway	2' x 4' White Speckle Ceiling Tile	NAD				
24SJM 35		3rd Floor Hallway	2' x 4' White Speckle Ceiling Tile	NAD				
24SJM 36	316		Gray Baseboard Tan Mastic	NAD				
24SJM 37	316		Gray Baseboard Tan Mastic	NAD				
24SJM 38	316		Gray Baseboard Tan Mastic	NAD				
24SJM 39	316		Black Sink Underside Coating	NAD				
24SJM 40	316		Black Sink Underside Coating	NAD				
24SJM 41	316		Black Sink Underside Coating	NAD				
24SJM 42	327		Black Floor Tile	NAD				
24SJM 43	327		Black Floor Tile	NAD				
24SJM 44	327		Black Floor Tile	NAD				
24SJM 42A*	327		Black Mastic	NAD				

Asbestos Screening Results  
VA Medical Center - Bay Pines, FL

Building 24

Sample #	Room #	Area Designation	Description of Material	Asbestos % Type	Estimated Quantity	Location	Condition	NESHAP Category
24SJM 43A*	327		Black Mastic	NAD				
24SJM 44A*	327		Black Mastic	NAD				
24SJM 45 Floor Tile		2nd Floor Hallway	9" x 9" Red Floor Tile	NAD				
24SJM 46 Floor Tile	310		9" x 9" Red Floor Tile	NAD				
24SJM 47 Floor Tile	316A		9" x 9" Red Floor Tile	NAD				
24SJM 45 Mastic		2nd Floor Hallway	Tan Mastic	NAD				
24SJM 46 Mastic	310		Tan Mastic	NAD				
24SJM 47 Mastic	316A		Tan Mastic	NAD				
24SJM 48	327		Yellow Floor Tile	NAD				
24SJM 49	310		Yellow Floor Tile	NAD				
24SJM 49A	327		Yellow Floor Tile	NAD				
24SJM 50 Floor Tile		2nd Floor Hallway	Yellow Floor Tile	NAD				
24SJM 48A Black*	327		Yellow Mastic	NAD				
24SJM 49A Mastic*	327		Yellow Mastic	NAD				
24SJM 50 Mastic		2nd Floor Hallway	Yellow Mastic	NAD				
24SJM 51		3rd Fl. Pipe Chase	Water Pipe Insulation	30% Chrysotile	500 Linear Feet	3rd Floor Pipe Chase	Good	Friable
24SJM 52		3rd Fl. Pipe Chase	Water Pipe Insulation	stop positive	500 Linear Feet	3rd Floor Pipe Chase	Good	Friable
24SJM 53		3rd Fl. Pipe Chase	Water Pipe Insulation	stop positive	500 Linear Feet	3rd Floor Pipe Chase	Good	Friable
24SJM 54		2nd Floor Hallway	2x4 Pinhole Punch Ceiling Tile	NAD				
24SJM 55		2nd Floor Hallway	2x4 Pinhole Punch Ceiling Tile	NAD				
24SJM 56		2nd Floor Hallway	2x4 Pinhole Punch Ceiling Tile	NAD				
24SJM 57	216		Grey Sink Underside Coating	NAD				
24SJM 58	216		Grey Sink Underside Coating	NAD				
24SJM 59	216		Grey Sink Underside Coating	NAD				
24SJM 60		2nd Floor Hallway Pipe Chase	Pipe Insulation	NAD				
24SJM 61		2nd Floor Hallway Pipe Chase	Pipe Insulation	NAD				
24SJM 62		2nd Floor Hallway Pipe Chase	Pipe Insulation	NAD				
24SJM 63	218		Flooring Under Carpet	NAD				
24SJM 64	218		Flooring Under Carpet	NAD				
24SJM 65	218		Flooring Under Carpet	NAD				
24SJM 66		2nd Floor Hallway	Floor Leveling Compound	NAD				
24SJM 67		2nd Floor Hallway	Floor Leveling Compound	NAD				
24SJM 68		2nd Floor Hallway	Floor Leveling Compound	NAD				
24SJM 69 Floor Tile		2nd Floor Hallway Under Carpet	Green Floor Tile	8% Chrysotile	995 Square Feet	Building Hallways	Good	I
24SJM 70 Floor Tile		2nd Floor Hallway Under Carpet	Green Floor Tile	stop positive	995 Square Feet	Building Hallways	Good	I
24SJM 71 Floor Tile		2nd Floor Hallway Under Carpet	Green Floor Tile	stop positive	995 Square Feet	Building Hallways	Good	I
24SJM 69 Mastic		2nd Floor Hallway Under Carpet	Black Mastic	NAD				
24SJM 70 Mastic		2nd Floor Hallway Under Carpet	Black Mastic	NAD				
24SJM 71 Mastic		2nd Floor Hallway Under Carpet	Black Mastic	NAD				
24SJM 72 Floor Tile		2nd Floor Hallway Under Carpet	Black Floor Tile	NAD				
24SJM 73 Floor Tile		2nd Floor Hallway Under Carpet	Black Floor Tile	NAD				
24SJM 74 Floor Tile		2nd Floor Hallway Under Carpet	Black Floor Tile	NAD				
24SJM 72 Mastic		2nd Floor Hallway Under Carpet	Black Mastic	NAD				
24SJM 73 Mastic		2nd Floor Hallway Under Carpet	Black Mastic	NAD				
24SJM 74 Mastic		2nd Floor Hallway Under Carpet	Black Mastic	NAD				
24SJM 75	Attic		Vibration Damper	NAD				
24SJM 76	Attic		Vibration Damper	NAD				
24SJM 77	Attic		Vibration Damper	NAD				
24SJM 78		1st Floor Hallway	Drywall Compound	NAD				
24SJM 78A Drywall*		1st Floor Hallway	Drywall Compound	NAD				
24SJM 79		1st Floor Hallway	Drywall Compound	NAD				
24SJM 79A Drywall*		1st Floor Hallway	Drywall Compound	NAD				
24SJM 80		1st Floor Hallway	Drywall Compound	NAD				
24SJM 80A Drywall*		1st Floor Hallway	Drywall Compound	NAD				

**Asbestos Screening Results  
VA Medical Center - Bay Pines, FL**

**Building 24**

<u>Sample #</u>	<u>Room #</u>	<u>Area Designation</u>	<u>Description of Material</u>	<u>Asbestos % Type</u>	<u>Estimated Quantity</u>	<u>Location</u>	<u>Condition</u>	<u>NESHAP Category</u>
24SJM 81		1st Floor Hallway	Drywall Compound	NAD				
24SJM 81A Drywall*		1st Floor Hallway	Drywall Compound	NAD				
24SJM 78A Joint Compound*		1st Floor Hallway	Joint Compound	NAD				
24SJM 79A Joint Compound*		1st Floor Hallway	Joint Compound	NAD				
24SJM 80A Joint Compound*		1st Floor Hallway	Joint Compound	NAD				
24SJM 81A Joint Compound*		1st Floor Hallway	Joint Compound	NAD				
24SJM 82 Finish		3rd Floor Hallway	Wall and Ceiling Plaster	NAD				
24SJM 83 Finish		3rd Floor Hallway	Wall and Ceiling Plaster	NAD				
24SJM 84 Finish		2nd Floor Hallway	Wall and Ceiling Plaster	NAD				
24SJM 85 Finish		2nd Floor Hallway	Wall and Ceiling Plaster	NAD				
24SJM 86 Finish		2nd Floor Hallway	Wall and Ceiling Plaster	NAD				
24SJM 87 Finish		1st Floor Hallway	Wall and Ceiling Plaster	NAD				
24SJM 88 Finish		1st Floor Hallway	Wall and Ceiling Plaster	NAD				
24SJM 82 Base		3rd Floor Hallway	Wall and Ceiling Plaster	NAD				
24SJM 83 Base		3rd Floor Hallway	Wall and Ceiling Plaster	NAD				
24SJM 84 Base		2nd Floor Hallway	Wall and Ceiling Plaster	NAD				
24SJM 85 Base		2nd Floor Hallway	Wall and Ceiling Plaster	NAD				
24SJM 86 Base		2nd Floor Hallway	Wall and Ceiling Plaster	NAD				
24SJM 87 Base		1st Floor Hallway	Wall and Ceiling Plaster	NAD				
24SJM 88 Base		1st Floor Hallway	Wall and Ceiling Plaster	NAD				
24SJM 89	130		Grey Duct Mastic	NAD				
24SJM 90	130		Grey Duct Mastic	NAD				
24SJM 91	130		Grey Duct Mastic	NAD				
24SJM 92 Floor Tile	126	Stairs	9" x 9" Dark Brown Floor Tile	8% Chrysotile	1185 Square feet	Stairways	Good	I
24SJM 93 Floor Tile	126	Stairs	9" x 9" Dark Brown Floor Tile	stop positive	1185 Square feet	Stairways	Good	I
24SJM 94 Floor Tile	126	Stairs	9" x 9" Dark Brown Floor Tile	stop positive	1185 Square feet	Stairways	Good	I
24SJM 92 Mastic	126	Stairs	Black Mastic	8% Chrysotile	1185 Square feet	Stairways	Good	I
24SJM 93 Mastic	126	Stairs	Black Mastic	stop positive	1185 Square feet	Stairways	Good	I
24SJM 94 Mastic	126	Stairs	Black Mastic	stop positive	1185 Square feet	Stairways	Good	I
24SJM 95 Floor Tile	126	Stairs	9" x 9" Light Brown Floor Tile	NAD				
24SJM 96 Floor Tile	126	Stairs	9" x 9" Light Brown Floor Tile	NAD				
24SJM 97 Floor Tile	126	Stairs	9" x 9" Light Brown Floor Tile	NAD				
24SJM 95 Mastic	126	Stairs	Black Mastic	4% Chrysotile	1185 Square feet	Stairways	Good	I
24SJM 96 Mastic	126	Stairs	Black Mastic	stop positive	1185 Square feet	Stairways	Good	I
24SJM 97 Mastic	126	Stairs	Black Mastic	stop positive	1185 Square feet	Stairways	Good	I
24SJN 1		Roof	Membrane	NAD				
24SJN 2		Roof	Membrane	NAD				
24SJN 3		Roof	Membrane	N/A				
24SJN 4		Roof	Flashing	NAD				
24SJN 5		Roof	Flashing	NAD				
24SJN 6		Roof	Flashing	NAD				

**Note: Positive Asbestos and "Stop Positive" samples in Red**

**Note: NAD - No Asbestos Detected**

**Note: N/A - Analysis Not Applicable**

**\* Resampled material analysis**

## **PHOTOS**

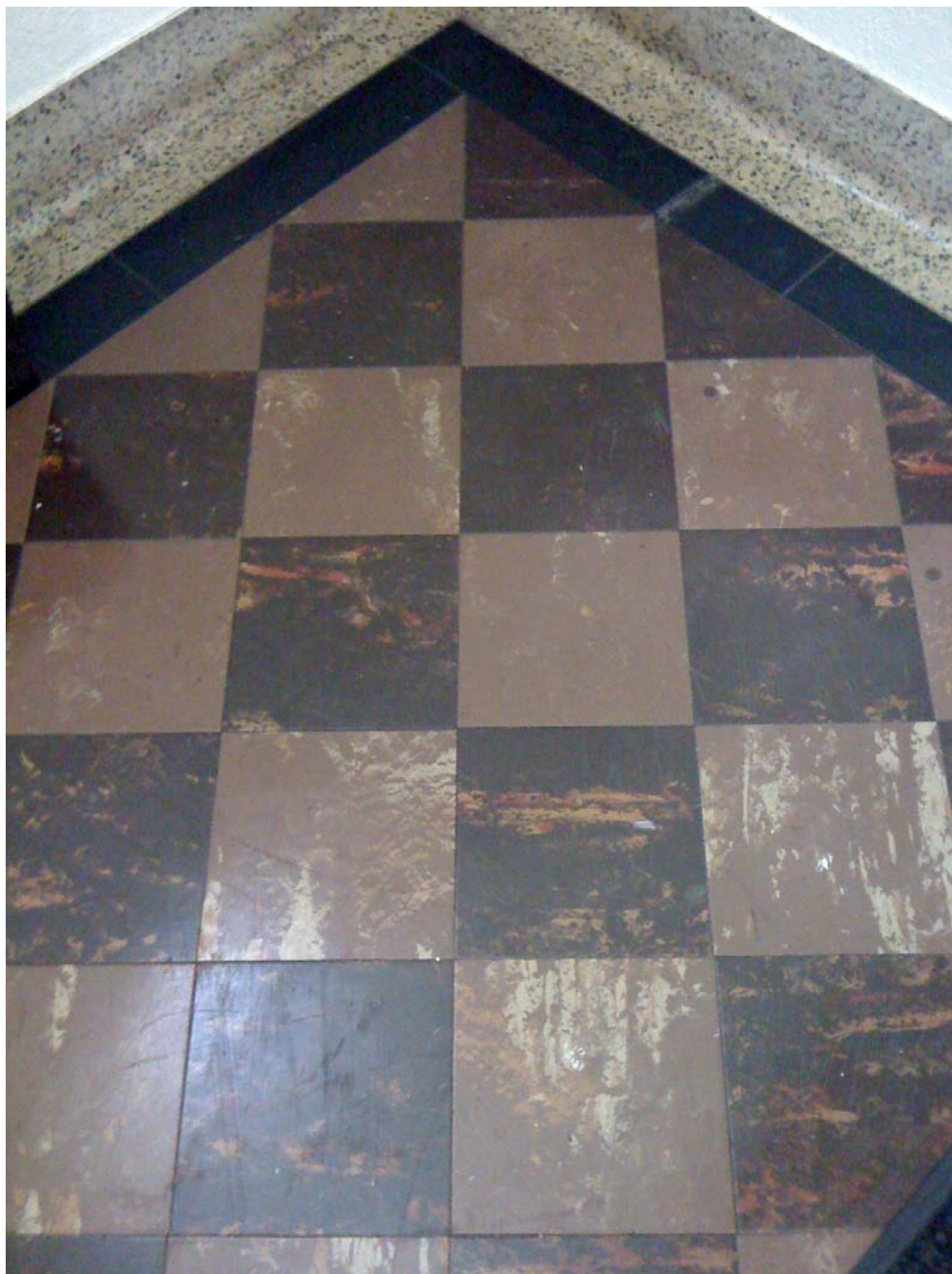


**Building 24**  
**Sample 51 – Water Pipe Insulation**





**Building 24**  
**Sample 69 Floor Tile - Green Floor Tile**



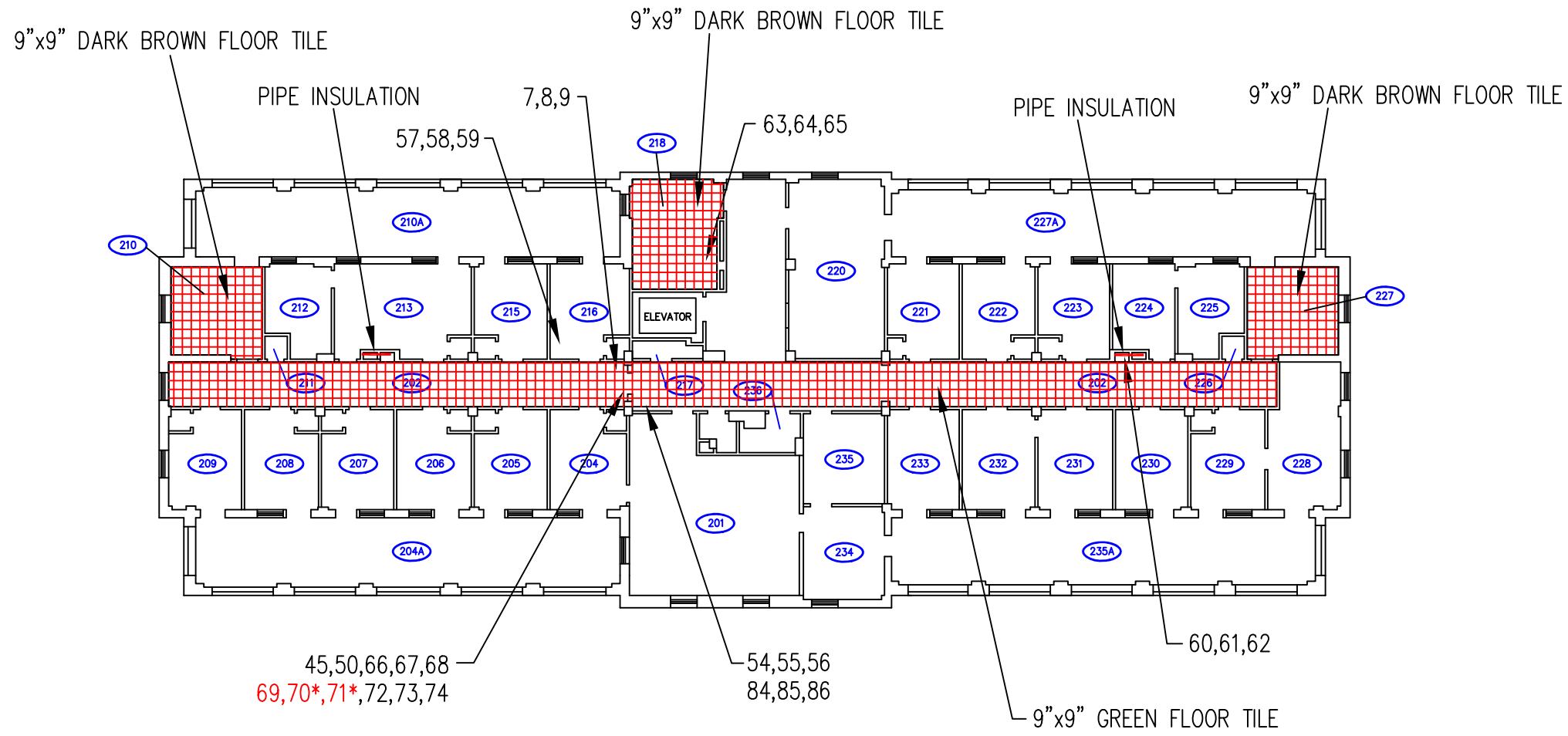
**Building 24**  
**Sample 92 Floor Tile - 9" x 9" Dark Brown Floor Tile and Mastic**

## **DRAWINGS**



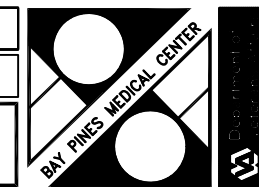


A  
three inches = one foot  
B  
One and one-half inches = one foot  
C  
one inch = one foot  
D  
three-quarters inch = one foot  
E  
one-half inch = one foot  
F  
three-eighths inch = one foot  
one-quarter inch = one foot  
one-eighth inch = one foot



- 1,2  
APPROXIMATE SAMPLE LOCATION
- 25 SAMPLE GREATER THAN 1% ASBESTOS
- 25\* STOP POSITIVE SAMPLE FOR ASBESTOS
- 25 NO ASBESTOS DETECTED (NAD)
- HATCHED AREAS INDICATE POSITIVE DETECTION OF ASBESTOS CONTAINING BUILDING COMPONENTS
- 9"x9" FLOOR TILE
- (TSI) THERMAL SYSTEM INSULATION

Drawing Title SECOND FLOOR PLAN		Project Title ACM SURVEY		Date JULY 31, 2009
SCALE: 1/8" = 1'-0"		Building Number 24		Project No. 2009011.001
		Checked RKM	Drawn DJA	DRAWING NO. 2
		Location V.A.M.C. BAY PINES, FLORIDA		Dwg. 2 of 3





**APPENDIX A**  
**LAB REPORTS**

**EMSL Analytical, Inc.**

5125 Adanson Street, Suite 900, Orlando, FL 32804

Phone: (407) 599-5887 Fax: (407) 599-9063 Email: [orlandolab@emsl.com](mailto:orlandolab@emsl.com)

Attn: **Jason Marberry**  
**ECS, Ltd.**  
**2815 Directors Row.Suite 500**  
**Orlando, FL 32809**

Fax: (407) 859-9599 Phone: (407) 859-8378  
Project: **Bay Pines VA**

Customer ID: ECSL77  
Customer PO:  
Received: 06/25/09 9:12 AM  
EMSL Order: 340903868  
  
EMSL Proj:  
Analysis Date: 6/29/2009


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

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
24SKM1 340903868-0001	Carpet Mastic	Yellow Fibrous Heterogeneous	10% Cellulose 20% Synthetic	70% Non-fibrous (other)	None Detected
24SKM2 340903868-0002	Carpet Mastic	Yellow Fibrous Heterogeneous	10% Cellulose 20% Synthetic	70% Non-fibrous (other)	None Detected
24SKM3 340903868-0003	Carpet Mastic	Yellow Fibrous Heterogeneous	10% Cellulose 20% Synthetic	70% Non-fibrous (other)	None Detected
24SKM4 340903868-0004	Wall Texture	White Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
24SKM5 340903868-0005	Wall Texture	White Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
24SKM6 340903868-0006	Wall Texture	Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
24SKM7 340903868-0007	Wall Texture	White Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected

Report Amended: 7/29/2009 9:13:18 AM Replaces the Initial Report . Reason Code: Data Entry Error-Change to Sample ID

Analyst(s)

Randy Pruitt (113)

  
Blanca Cortes, Ph.D., Laboratory Manager  
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Orlando 5125 Adanson Street, Suite 900, Orlando FL NVLAP Lab Code 101151-0

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Customer ID: ECSL77  
Customer PO:  
Received: 06/25/09 9:12 AM  
EMSL Order: 340903868

Fax: (407) 859-9599 Phone: (407) 859-8378  
Project: **Bay Pines VA**

EMSL Proj:  
Analysis Date: 6/29/2009


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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
24SKM8 340903868-0008	Wall Texture	White Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
24SKM9 340903868-0009	Wall Texture	White Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
24SKM10 340903868-0010	Wall Texture	White Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
24SKM11 340903868-0011	Baseboard Mastic	Tan Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
24SKM12 340903868-0012	Baseboard Mastic	Tan Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
24SKM13 340903868-0013	Baseboard Mastic	Tan Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
24SKM14 340903868-0014	Drywall	Tan Fibrous Heterogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
24SKM15 340903868-0015	Drywall	Tan Fibrous Heterogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
24SKM16 340903868-0016	Drywall	Tan Fibrous Heterogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
24SKM17 340903868-0017	Drywall Compound	White Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
24SKM18 340903868-0018	Drywall Compound	White Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
24SKM19 340903868-0019	Drywall Compound	Gray Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
24SKM20 340903868-0020	Exterior Stucco	Gray Non-Fibrous Heterogeneous	2% Cellulose	48% Non-fibrous (other) 50% Quartz	None Detected
24SKM21 340903868-0021	Exterior Stucco	Gray Non-Fibrous Heterogeneous	2% Cellulose	48% Non-fibrous (other) 50% Quartz	None Detected

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
24SKM22 340903868-0022	Exterior Stucco	Gray Non-Fibrous Heterogeneous	2% Cellulose	48% Non-fibrous (other) 50% Quartz	None Detected
24SKM23 340903868-0023	Exterior Stucco	Gray Non-Fibrous Heterogeneous	2% Cellulose	48% Non-fibrous (other) 50% Quartz	None Detected
24SKM24 340903868-0024	Exterior Stucco	Gray Non-Fibrous Heterogeneous	2% Cellulose	48% Non-fibrous (other) 50% Quartz	None Detected
24SKM25 340903868-0025	Exterior Stucco	Gray Non-Fibrous Heterogeneous	2% Cellulose	48% Non-fibrous (other) 50% Quartz	None Detected
24SKM26 340903868-0026	Exterior Stucco	Gray Non-Fibrous Heterogeneous	2% Cellulose	48% Non-fibrous (other) 50% Quartz	None Detected
24SKM27 340903868-0027	Exterior window Glazing	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
24SKM28 340903868-0028	Exterior window Glazing	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
24SKM29 340903868-0029	Exterior window Glazing	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
24SKM30-Floor Tile 340903868-0030	Vinyl Flooring	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
24SKM30-Mastic 340903868-0030A	Vinyl Flooring	Yellow Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
24SKM31-Floor Tile 340903868-0031	Vinyl Flooring	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
24SKM31-Mastic 340903868-0031A	Vinyl Flooring	Yellow Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
24SKM32-Floor Tile 340903868-0032	Vinyl Flooring	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
24SKM32-Mastic 340903868-0032A	Vinyl Flooring	Yellow Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected

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

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
24SKM33 340903868-0033	2x4 White speckle ceiling tile	Tan Fibrous Heterogeneous	45% Cellulose	10% Non-fibrous (other) 45% Perlite	None Detected
24SKM34 340903868-0034	2x4 White speckle ceiling tile	Tan Fibrous Heterogeneous	45% Cellulose	10% Non-fibrous (other) 45% Perlite	None Detected
24SKM35 340903868-0035	2x4 White speckle ceiling tile	Tan Fibrous Heterogeneous	45% Cellulose	10% Non-fibrous (other) 45% Perlite	None Detected
24SKM36 340903868-0036	Grey baseboard Mastic	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
24SKM37 340903868-0037	Grey baseboard Mastic	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
24SKM38 340903868-0038	Grey baseboard Mastic	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
24SKM39 340903868-0039	Sink underside coating	Black Non-Fibrous Heterogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
24SKM40 340903868-0040	Sink underside coating	Black Non-Fibrous Heterogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
24SKM41 340903868-0041	Sink underside coating	Black Non-Fibrous Heterogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
24SKM42 340903868-0042	Black floor tile	Black Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
Insufficient mastic					
24SKM43 340903868-0043	Black floor tile	Black Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
Insufficient mastic					
24SKM44 340903868-0044	Black floor tile	Black Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
Insufficient mastic					
24SKM45-Floor Tile 340903868-0045	9x9 Red Floor tile	Red Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
24SKM45-Mastic 340903868-0045A	9x9 Red Floor tile	Tan Non-Fibrous Heterogeneous	10% Synthetic	90% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
24SKM46-Floor Tile 340903868-0046	9x9 Red Floor tile	Red Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
24SKM46-Mastic 340903868-0046A	9x9 Red Floor tile	Tan Non-Fibrous Heterogeneous	10% Synthetic	90% Non-fibrous (other)	None Detected
24SKM47-Floor Tile 340903868-0047	9x9 Red Floor tile	Red Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
24SKM47-Mastic 340903868-0047A	9x9 Red Floor tile	Tan Non-Fibrous Heterogeneous	10% Synthetic	90% Non-fibrous (other)	None Detected
24SKM48 340903868-0048	Yellow Floor Tile	Yellow Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
Insufficient mastic					
24SKM49 340903868-0049	Yellow Floor Tile	Yellow Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
Insufficient mastic					
24SKM50-Floor Tile 340903868-0050	Yellow Floor Tile	Yellow Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected

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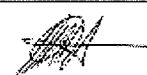
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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
24SKM50-Mastic 340903868-0050A	Yellow Floor Tile	Yellow Non-Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
24SKM51 340903868-0051	Pipe Insulation	Tan Fibrous Heterogeneous	60% Cellulose	10% Non-fibrous (other)	30% Chrysotile
24SKM52 340903868-0052	Pipe Insulation				Stop Positive (Not Analyzed)
24SKM53 340903868-0053	Pipe Insulation				Stop Positive (Not Analyzed)
24SKM54 340903868-0054	2x4 pinhole punch ceiling tile	Tan Fibrous Heterogeneous	45% Cellulose	10% Non-fibrous (other) 45% Perlite	None Detected
24SKM55 340903868-0055	2x4 pinhole punch ceiling tile	Tan Fibrous Heterogeneous	45% Cellulose	10% Non-fibrous (other) 45% Perlite	None Detected
24SKM56 340903868-0056	2x4 pinhole punch ceiling tile	Tan Non-Fibrous Heterogeneous	45% Cellulose	10% Non-fibrous (other) 45% Perlite	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
24SKM57 340903868-0057	Sink Underside coating	Gray Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
24SKM58 340903868-0058	Sink Underside coating	Gray Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
24SKM59 340903868-0059	Sink Underside coating	Gray Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
24SKM60 340903868-0060	Pipe Insulation	Gray Fibrous Heterogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected
24SKM61 340903868-0061	Pipe Insulation	Gray Fibrous Heterogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected
24SKM62 340903868-0062	Pipe Insulation	Gray Fibrous Heterogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected
24SKM63 340903868-0063	Flooring under carpet	Gray Non-Fibrous Heterogeneous	10% Cellulose	60% Non-fibrous (other) 30% Quartz	None Detected

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Received: 06/25/09 9:12 AM

EMSL Order: 340903868

EMSL Proj:

Analysis Date: 6/29/2009

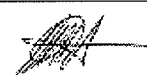
**Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy**

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
24SKM64 340903868-0064	Flooring under carpet	Gray Non-Fibrous Heterogeneous	10% Cellulose	60% Non-fibrous (other) 30% Quartz	None Detected
24SKM65 340903868-0065	Flooring under carpet	Gray Non-Fibrous Heterogeneous	10% Cellulose	60% Non-fibrous (other) 30% Quartz	None Detected
24SKM66 340903868-0066	Floor Leveling Compound	Gray Non-Fibrous Heterogeneous	15% Cellulose	75% Non-fibrous (other) 10% Quartz	None Detected
24SKM67 340903868-0067	Floor Leveling Compound	Gray Non-Fibrous Heterogeneous	15% Cellulose	75% Non-fibrous (other) 10% Quartz	None Detected
24SKM68 340903868-0068	Floor Leveling Compound	Gray Non-Fibrous Heterogeneous	15% Cellulose	75% Non-fibrous (other) 10% Quartz	None Detected
24SKM69-Floor Tile 340903868-0069	Floor Tile	Green Non-Fibrous Heterogeneous	4% Cellulose	88% Non-fibrous (other)	8% Chrysotile
24SKM69-Mastic 340903868-0069A	Floor Tile	Black Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected

Report Amended: 7/29/2009 9:13:18 AM Replaces the Initial Report . Reason Code: Data Entry Error-Change to Sample ID

Analyst(s)

Randy Pruitt (113)

  
Blanca Cortes, Ph.D., Laboratory Manager  
or other approved signatory

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

Samples analyzed by EMSL Analytical, Inc. Orlando 5125 Adanson Street, Suite 900, Orlando FL NVLAP Lab Code 101151-0

**EMSL Analytical, Inc.**

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Phone: (407) 599-5987 Fax: (407) 599-9063 Email: [orlandolab@emsl.com](mailto:orlandolab@emsl.com)

Attn: **Jason Marberry**  
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**2815 Directors Row.Suite 500**  
**Orlando, FL 32809**

Fax: (407) 859-9599

Phone: (407) 859-8378

Project: **Bay Pines VA**

Customer ID: ECSL77

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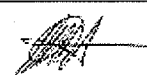
**Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy**

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
24SKM70-Floor Tile 340903868-0070	Floor Tile				Stop Positive (Not Analyzed)
24SKM70-Mastic 340903868-0070A	Floor Tile	Black Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
24SKM71-Floor Tile 340903868-0071	Floor Tile				Stop Positive (Not Analyzed)
24SKM71-Mastic 340903868-0071A	Floor Tile	Black Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
24SKM72-Floor Tile 340903868-0072	Floor Tile	Black Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
24SKM72-Mastic 340903868-0072A	Floor Tile	Yellow Non-Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
24SKM73-Floor Tile 340903868-0073	Floor Tile	Black Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected

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EMSL Proj:

Analysis Date: 6/29/2009

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
24SKM73-Mastic 340903868-0073A	Floor Tile	Yellow Non-Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
24SKM74-Floor Tile 340903868-0074	Floor Tile	Black Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
24SKM74-Mastic 340903868-0074A	Floor Tile	Yellow Non-Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
24SKM75 340903868-0075	Vibration damper HVAC Duct	Tan Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
24SKM76 340903868-0076	Vibration damper HVAC Duct	Tan Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
24SKM77 340903868-0077	Vibration damper HVAC Duct	Tan Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
24SKM78 340903868-0078	Drywall	Tan Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected

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Fax: (407) 859-9599 Phone: (407) 859-8378  
Project: **Bay Pines VA**

EMSL Proj:  
Analysis Date: 6/29/2009

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
24SKM79 340903868-0079	Drywall	Tan Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
24SKM80 340903868-0080	Drywall Compound	White Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
24SKM81 340903868-0081	Drywall Compound	White Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
24SKM82-Finish Coat 340903868-0082	Wall Plaster	White Non-Fibrous Heterogeneous	2% Cellulose	78% Non-fibrous (other) 20% Quartz	None Detected
24SKM82-Base Coat 340903868-0082A	Wall Plaster	Brown Non-Fibrous Heterogeneous	2% Cellulose	28% Non-fibrous (other) 70% Quartz	None Detected
24SKM83-Finish Coat 340903868-0083	Wall Plaster	White Non-Fibrous Heterogeneous	2% Cellulose	78% Non-fibrous (other) 20% Quartz	None Detected

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
24SKM83-Base Coat 340903868-0083A	Wall Plaster	Brown Non-Fibrous Heterogeneous	2% Cellulose	28% Non-fibrous (other) 70% Quartz	None Detected
24SKM84-Finish Coat 340903868-0084	Wall Plaster	White Non-Fibrous Heterogeneous	2% Cellulose	78% Non-fibrous (other) 20% Quartz	None Detected
24SKM84-Base Coat 340903868-0084A	Wall Plaster	Brown Non-Fibrous Heterogeneous	2% Cellulose	28% Non-fibrous (other) 70% Quartz	None Detected
24SKM85-Finish Coat 340903868-0085	Wall Plaster	White Non-Fibrous Heterogeneous	2% Cellulose	78% Non-fibrous (other) 20% Quartz	None Detected
24SKM85-Base Coat 340903868-0085A	Wall Plaster	Brown Non-Fibrous Heterogeneous	2% Cellulose	28% Non-fibrous (other) 70% Quartz	None Detected
24SKM86-Finish Coat 340903868-0086	Wall Plaster	White Non-Fibrous Heterogeneous	2% Cellulose	78% Non-fibrous (other) 20% Quartz	None Detected

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Fax: (407) 859-9599 Phone: (407) 859-8378  
Project: Bay Pines VA

EMSL Proj:  
Analysis Date: 6/29/2009

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
24SKM86-Base Coat 340903868-0086A	Wall Plaster	Brown Non-Fibrous Heterogeneous	2% Cellulose	28% Non-fibrous (other) 70% Quartz	None Detected
24SKM87-Finish Coat 340903868-0087	Wall Plaster	White Non-Fibrous Heterogeneous	2% Cellulose	78% Non-fibrous (other) 20% Quartz	None Detected
24SKM87-Base Coat 340903868-0087A	Wall Plaster	Brown Non-Fibrous Heterogeneous	2% Cellulose	28% Non-fibrous (other) 70% Quartz	None Detected
24SKM88-Finish Coat 340903868-0088	Wall Plaster	White Non-Fibrous Heterogeneous	2% Cellulose	78% Non-fibrous (other) 20% Quartz	None Detected
24SKM88-Base Coat 340903868-0088A	Wall Plaster	Brown Non-Fibrous Heterogeneous	2% Cellulose	28% Non-fibrous (other) 70% Quartz	None Detected
24SKM89 340903868-0089	Duct Mastic	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
24SKM90 340903868-0090	Duct Mastic	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
24SKM91 340903868-0091	Duct Mastic	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
24SKM92-Floor Tile 340903868-0092	Floor Tile	Red Non-Fibrous Heterogeneous	6% Cellulose	86% Non-fibrous (other)	8% Chrysotile
24SKM92-Mastic 340903868-0092A	Floor Tile	Black Non-Fibrous Heterogeneous	6% Cellulose	90% Non-fibrous (other)	4% Chrysotile
24SKM93-Floor Tile 340903868-0093	Floor Tile				Stop Positive (Not Analyzed)
24SKM93-Mastic 340903868-0093A	Floor Tile				Stop Positive (Not Analyzed)
24SKM94-Floor Tile 340903868-0094	Floor Tile				Stop Positive (Not Analyzed)

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
24SKM94-Mastic 340903868-0094A	Floor Tile				Stop Positive (Not Analyzed)
24SKM95-Floor Tile 340903868-0095	Floor Tile	Brown Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
24SKM95-Mastic 340903868-0095A	Floor Tile	Black Non-Fibrous Heterogeneous	6% Cellulose	90% Non-fibrous (other)	4% Chrysotile
24SKM96-Floor Tile 340903868-0096	Floor Tile	Brown Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
24SKM96-Mastic 340903868-0096A	Floor Tile				Stop Positive (Not Analyzed)
24SKM97-Floor Tile 340903868-0097	Floor Tile	Brown Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
24SKM97-Mastic 340903868-0097A	Floor Tile				Stop Positive (Not Analyzed)

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# Asbestos Survey Field Data Sheet/ Chain of Custody Form



EMSL ANALYTICAL, INC.  
LABORATORY • PRODUCTS • TRAINING

EMSL ANALYTICAL, INC.  
5125 ADANSON STREET  
SUITE 900  
ORLANDO FL 32804  
PHONE: (407) 599-5887

Lab Work Order ID:

Building 24 Page 1 of 5

ECS Office Location: Orlando, FL  
(City, State of ECS Office)

Report via: email fax reg. mail lab-connect  
(circle)

Project Name: Bay Pines VA

Sampled By: Steve Muscovits

Sample Date: 6-19-09

Project Location: Bay Pines, Florida

Project Manager: Bob McKinley

Rpt. Addressed to Jason Marberry

Building Number: 24

Project Number: 24:3255

Email@ for Rpt: jmarberry@ecslimited.com

Sample No.	Homogeneous Area	Sample Description	Quantity	Friable Y/N	Location	Accessibility/Potential for Damage
245JM1		Carpet Mastic			Room 131	
245JM2		↓			↓	
245JM3		↓			↓	
245JM4		Wall Texture			3rd Floor Hallway	
245JM5		↓			" " "	
245JM6		↓			" " "	
245JM7		↓			2nd Floor Hallway	
245JM8		↓			↓	
245JM9		↓			↓	
245JM10		↓			1st Floor Hallway	
245JM11		Baseboard Mastic			3rd Floor Hallway	
245JM12		↓			↓	
245JM13		↓			↓	
245						

Relinquished By: JWmy

Date: 6/14/09

Received By: B. Disabative

Date: 6/22/09

Relinquished By: \_\_\_\_\_

Date: \_\_\_\_\_

Received By: \_\_\_\_\_

Date: \_\_\_\_\_



107 Haddon Avenue, Westmont, New Jersey 08108

1-800-220-3675

http://www.emsl.com

	SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	VOLUME Air (L.)	Area (Inches sq.)
Hit Stop	24 SJM 14	Drywall Conf. Room 333		
	24 SJM 15	↓		
	24 SJM 16	↓		
Hit Stop	24 SJM 17	Drywall Compound Room 333		
	24 SJM 18	↓		
	24 SJM 19	↓		
Hit Stop	24 SJM 20	Exterior Stucco Room 333A		
	24 SJM 21	↓		
	24 SJM 22	Exterior Stucco Porch Room 315 A		
	24 SJM 23	Exterior Stucco Porch Room 127 A		
	24 SJM 24	↓		
	24 SJM 25	↓		
Hit Stop	24 SJM 26	Exterior Stucco Outside Mech. Room		
	24 SJM 27	Exterior Window Glazing Porch Room 333A		
	24 SJM 28	Exterior Window Glazing Porch Room 333A		
Hit Stop	24 SJM 29	↓		
	24 SJM 30	Vinyl Flooring & Mastic Room 316		
	24 SJM 31	↓		
Hit Stop	24 SJM 32	↓		
	24 SJM 33	2x4 White Spackle Ceiling Tile 3rd Floor Hallway		
	24 SJM 34	↓		
Hit Stop	24 SJM 35	↓		
	24 SJM 36	Grey Baseboard Mastic Room 316		
	24 SJM 37	↓		
Hit Stop	24 SJM 38	↓		
	24 SJM 39	Sink underside Coating Room 316		
	24 SJM 40	↓		
	24 SJM 41	↓		

Relinquished: \_\_\_\_\_  
 Received: \_\_\_\_\_  
 Relinquished: \_\_\_\_\_  
 Received: \_\_\_\_\_

*JW my*

Date: 6/19/07 Time: 5:43  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_





107 Haddon Avenue, Westmont, New Jersey 08108

1-800-220-3675

http://www.emsl.com

	SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	VOLUME Air (L)	Area (Inches sq.)
Days Hit Hit Stop	24 SJM 42	Black Floor Tile w/ Mastic Room 327		
	24 SJM 43			
	24 SJM 44			
Days Hit Hit Stop	24 SJM 45	9x9 Red Floor Tile w/ Mastic 2nd Floor Hall		
	24 SJM 46	9x9 Red Floor Tile w/ Mastic Room <del>310</del> 310		
	24 SJM 47	9x9 Red Floor Tile w/ Mastic Room 316 A		
Days Hit Hit Stop	24 SJM 48	Yellow Floor Tile w/ Mastic Room 327		
	24 SJM 49		Room 316	
	24 SJM 50		2nd Floor Hallway	
Days Hit Hit Stop	24 SJM 51	Pipe Insulation 3rd Floor Hallway Pipe Chase		
	24 SJM 52			
	24 SJM 53			
Days Hit Hit Stop	24 SJM 54	2x4 Pinhole Punch Ceiling Tile 2nd Floor Hallway		
	24 SJM 56			
	24 SJM 56			
Days Hit Hit Stop	24 SJM 57	Sink Underside Coating Room 216		
	24 SJM 58			
	24 SJM 59			
Days Hit Hit Stop	24 SJM 60	Pipe Insulation 2nd Floor Hallway Pipe Chase		
	24 SJM 61			
	24 SJM 62			
Days Hit Hit Stop	24 SJM 63	Flooring under carpet Room 218		
	24 SJM 64			
	24 SJM 65			
Days Hit Hit Stop	24 SJM 66	Floor Levelling Compound 2nd Floor Hallway		
	24 SJM 67			
	24 SJM 68			

Relinquished:

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Date:

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Date:

6/14/09

Time:

Time:

Time:

Time:

5:43 PM



107 Haddon Avenue, Westmont, New Jersey 08108

1-800-220-3675

<http://www.emsl.com>

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	VOLUME Air (L)	Area (Inches sq.)
24 SJM 69	Floor Tile w/ Mastic Under Carpet 2nd Floor Hallway		
24 SJM 70	↓		
24 SJM 71			
24 SJM 72	Floor Tile w/ Mastic Under Carpet 2nd Floor Hallway		
24 SJM 73	↓		
24 SJM 74			
24 SJM 75	Vibration Damper HVAC Duct Attic		
24 SJM 76	↓		
24 SJM 77			
24 SJM 78	Drywall 1st Floor Hallway	Hit Stop w/ samples 14-16	
24 SJM 79	↓		
24 SJM 80	Drywall Compound 1st Floor Hallway	Hit Stop w/ samples 17-19	
24 SJM 81	↓		
24 SJM 82	Wall Plaster & Ceiling Plaster 3rd Floor Hall		
24 SJM 83	↓		
24 SJM 84	2nd Floor Hall		
24 SJM 85	↓		
24 SJM 86	↓		
24 SJM 87	1st Floor Hall		
24 SJM 88	↓		
24 SJM 89	Duct Mastic Room 130		
24 SJM 90	↓		
24 SJM 91			
24 SJM 92	Floor Tile Dark Brown w/ Mastic 2nd Floor 124		
24 SJM 93	↓		
24 SJM 94			

**Relinquished:**

Received:

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**Date:**

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Date:

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Time:

Time:

**Time:****Time:**



107 Haddon Avenue, Westmont, New Jersey 08108

1-800-220-3675

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[illegible]

**Relinquished:**

**Received:**

**Relinquished:**

Received:

**Date:**

**Date:**

**Date:**

Date:

Time:

Time:

**Time:**

Time:

**EMSL Analytical, Inc.**

212 South Wagner Road, Ann Arbor, MI 48103

Phone: (734) 668-6810 Fax: (734) 668-8532 Email: [annarborlab@emsl.com](mailto:annarborlab@emsl.com)

Attn: **Jason Marberry**  
**ECS, Ltd.**  
**2815 Directors Row.Suite 500**  
**Orlando, FL 32809**

Customer ID: ECSL77  
Customer PO:  
Received: 06/23/09 12:00 PM  
EMSL Order: 080901591

Fax: (407) 859-9599 Phone: (407) 859-8378  
Project: **34:3255 Bay Pines VA, Bay Pines, FL Roofs**

EMSL Proj:  
Analysis Date: 6/25/2009

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

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>	
			%	Fibrous	% Non-Fibrous	% Type
24 505 23-SJN-1 Roof 080901591-0001	Roofing	Black Fibrous Homogeneous	10%	Glass	90% Non-fibrous (other)	None Detected
24 505 28-SJN-2 Roof 080901591-0002	Roofing	Black Fibrous Homogeneous	5%	Glass 1% Cellulose	94% Non-fibrous (other)	None Detected
24 505 28-SJN-3 Roof 080901591-0003	Roofing	Black Fibrous Homogeneous	5%	Glass	95% Non-fibrous (other)	None Detected
24 505 23-SJN-4 Roof 080901591-0004	Flashing	Black Fibrous Layers: 1	<1%	Cellulose 3% Glass	97% Non-fibrous (other)	None Detected
24 505 28-SJN-4 Roof 080901591-0004A	Flashing	Black Fibrous Layers: 2	4%	Glass	96% Non-fibrous (other)	None Detected
24 505 23-SJN-5 Roof 080901591-0005	Flashing	Black Fibrous Layers: 1	3%	Cellulose 3% Glass	94% Non-fibrous (other)	None Detected
24 505 28-SJN-5 Roof 080901591-0005A	Flashing	Silver Fibrous Layers: 2	5%	Glass	95% Non-fibrous (other)	None Detected

Analyst(s)

Brian Walczak (34)

Brian Walczak, Laboratory Manager  
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Ann Arbor 212 South Wagner Road, Ann Arbor MI NVLAP Lab Code 101048-4

**EMSL Analytical, Inc.**

212 South Wagner Road, Ann Arbor, MI 48103

Phone: (734) 668-6810 Fax: (734) 668-8532 Email: [annarborlab@emsl.com](mailto:annarborlab@emsl.com)

Attn: **Jason Marberry**  
**ECS, Ltd.**  
**2815 Directors Row.Suite 500**  
**Orlando, FL 32809**

Customer ID: ECSL77  
Customer PO:  
Received: 06/23/09 12:00 PM  
EMSL Order: 080901591

Fax: (407) 859-9599 Phone: (407) 859-8378  
Project: **34:3255 Bay Pines VA, Bay Pines, FL Roofs**

EMSL Proj:  
Analysis Date: 6/25/2009

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

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
23-SJN-6 Roof 080901591-0006	Flashing	Black Fibrous Layers: 1	5% Glass	95% Non-fibrous (other)	None Detected
23-SJN-6 Roof 080901591-0006A	Flashing	Black Fibrous Layers: 2	5% Glass	95% Non-fibrous (other)	None Detected
36-SJN-1 Roof 080901591-0007	Insulation	Tan/Black Fibrous Layers: 1	80% Cellulose 5% Glass	15% Non-fibrous (other)	None Detected
36-SJN-1 Roof 080901591-0007A	Tar	Black Fibrous Layers: 2	5% Glass	95% Non-fibrous (other)	None Detected
36-SJN-2 Roof 080901591-0008	Insulation	Tan/Black Fibrous Layers: 1	70% Cellulose 5% Glass	25% Non-fibrous (other)	None Detected
36-SJN-2 Roof 080901591-0008A	Tar	Black Fibrous Layers: 2	3% Glass	97% Non-fibrous (other)	None Detected
36-SJN-3 Roof 080901591-0009	Insulation	Tan/Black Fibrous Layers: 1	15% Glass	85% Non-fibrous (other)	None Detected

Analyst(s)

Brian Walczak (34)

Brian Walczak, Laboratory Manager  
or other approved signatory

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# Asbestos Survey Field Data Sheet/ Chain of Custody Form

Lab Work Order ID:

080901591

Roof 6/19 1 of 2



EMSL ANALYTICAL, INC.  
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EMSL ANALYTICAL, INC.  
5125 ADANSON STREET  
SUITE 900  
ORLANDO FL 32804  
PHONE: (407) 599-5887

ECS Office Location: Orlando, FL  
(City, State of ECS Office)

Report via: email fax reg. mail lab-connect  
(circle)

Project Name: Bay Pines VA

Sampled By: Jason Marberry

Sample Date: 6/19/09

Project Location: Bay Pines FL

Project Manager: Bob McKinley

Rpt. Addressed to Jason Marberry

Building Number: roofs

Project Number: 34:3255

Email@ for Rpt: jmarberry@ecslimited.com

\* bags  
labeled  
23 -

Sample No.	Homogeneous Area	Sample Description	Quantity	Friable Y/N	Location	Accessibility/Potential for Damage
24-SJN-1 ROOF		ROOFING / TOP, MIDDLE & BOTTOM LAYERS			ROOF EXTERIOR	
-2 ROOF		↓			↓	
-3 ROOF						
-4 ROOF		FLASHING / TOP & BOTTOM LAYER			ROOF EXTERIOR	
-5 ROOF		↓			↓	
-6 ROOF		↓			↓	
36-SJN-1 ROOF		ROOFING / 3 LAYERS			ROOF EXTERIOR	
-2 ROOF		↓				
-3 ROOF						
-4 ROOF		FLASHING			ROOF EXTERIOR	
-5 ROOF		↓				
-6 ROOF		↓				

Relinquished By: [Signature]

Date: 6/19/09

Received By: \_\_\_\_\_

Date: \_\_\_\_\_

Relinquished By: UPS

Date: 6/24/09

Received By: \_\_\_\_\_

Date: \_\_\_\_\_

**EMSL Analytical, Inc.**

5125 Adanson Street, Suite 900, Orlando, FL 32804

Phone: (407) 599-5887 Fax: (407) 599-9063 Email: [orlandolab@emsl.com](mailto:orlandolab@emsl.com)

Attn: **Steve Geraci**  
**ECS, Ltd.**  
**2815 Directors Row.Suite 500**  
**Orlando, FL 32809**

Fax: (407) 859-9599  
Project: **Bay Pines VA 24:3255**

Phone: (407) 859-8378

Customer ID: ECSL77  
Customer PO:  
Received: 07/14/09 12:26 PM  
EMSL Order: 340904417

EMSL Proj:  
Analysis Date: 7/15/2009


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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
24 SJM -78A-Joint Compound 340904417-0034	Joint compound	White Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
24 SJM -78A-Drywall 340904417-0034A	Joint compound	Tan Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
24 SJM -79A-Joint Compound 340904417-0035	Joint compound	White Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
24 SJM -79A-Drywall 340904417-0035A	Joint compound	Tan Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
24 SJM -80A-Joint Compound 340904417-0036	Joint compound	White Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
24 SJM -80A-Drywall 340904417-0036A	Joint compound	Tan/White Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected

Report Amended: 7/29/2009 10:04:55 AM Replaces the Initial Report . Reason Code: Data Entry Error-Change to Sample ID

Analyst(s)

Randy Pruitt (84)

  
Blanca Cortes, Ph.D., Laboratory Manager  
or other approved signatory

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

Samples analyzed by EMSL Analytical, Inc. Orlando 5125 Adanson Street, Suite 900, Orlando FL NVLAP Lab Code 101151-0

**EMSL Analytical, Inc.**

5125 Adanson Street, Suite 900, Orlando, FL 32804

Phone: (407) 599-5887 Fax: (407) 599-9063 Email: [orlandolab@emsl.com](mailto:orlandolab@emsl.com)

Attn: **Steve Geraci**  
**ECS, Ltd.**  
**2815 Directors Row.Suite 500**  
**Orlando, FL 32809**

Fax: (407) 859-9599

Phone: (407) 859-8378

Project: **Bay Pines VA 24:3255**

Customer ID: EC SL77

Customer PO:

Received: 07/14/09 12:26 PM

EMSL Order: 340904417

EMSL Proj:

Analysis Date: 7/15/2009

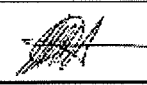
**Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy**

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
24 SJM -81A-Joint Compound 340904417-0037	Joint compound	White Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
24 SJM -81A-Drywall 340904417-0037A	Joint compound	Tan Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
35 SJM -16A 340904417-0038	Residual Insulation	Yellow Fibrous Heterogeneous	80% Glass 15% Cellulose	5% Non-fibrous (other)	None Detected
102 SJM -62A 340904417-0039	Floor Tile Mastic	Black Non-Fibrous Heterogeneous	10% Cellulose	80% Non-fibrous (other)	10% Chrysotile
102 SJM -63A 340904417-0040	Floor Tile Mastic	Black Non-Fibrous Heterogeneous	10% Cellulose	80% Non-fibrous (other)	10% Chrysotile
102 SJM -64A 340904417-0041	Floor Tile Mastic	Black Non-Fibrous Heterogeneous	10% Cellulose	80% Non-fibrous (other)	10% Chrysotile
102 SJM -68A 340904417-0042	Joint compound	White Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected

Report Amended: 7/29/2009 10:04:55 AM Replaces the Initial Report . Reason Code: Data Entry Error-Change to Sample ID

Analyst(s)

Randy Pruitt (84)

  
Blanca Cortes, Ph.D., Laboratory Manager  
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Orlando 5125 Adanson Street, Suite 900, Orlando FL NVLAP Lab Code 101151-0



**EMSL Analytical, Inc.**

5125 Adanson Street, Suite 900, Orlando, FL 32804

Phone: (407) 599-5887 Fax: (407) 599-9063 Email: [orlandolab@emsl.com](mailto:orlandolab@emsl.com)

Attn: **Steve Geraci**  
**ECS, Ltd.**  
**2815 Directors Row.Suite 500**  
**Orlando, FL 32809**

Customer ID: ECSL77  
Customer PO:  
Received: 07/14/09 12:26 PM  
EMSL Order: 340904417

Fax: (407) 859-9599 Phone: (407) 859-8378  
Project: Bay Pines VA 24:3255

EMSL Proj:  
Analysis Date: 7/15/2009


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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
24-SJM -14A 340904417-0049	Joint compound	White Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
Joint Compound only					
24-SJM -15A 340904417-0050	Joint compound	White Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
Joint Compound only					
24-SJM -16A 340904417-0051	Joint compound	White Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
Joint Compound only					
24-SJM -17A 340904417-0052	Joint compound	White Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
Joint Compound only					
24-SJM -18A 340904417-0053	Joint compound	White Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
Joint Compound only					
24-SJM -19A 340904417-0054	Joint compound	White Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
Joint Compound only					

Report Amended: 7/29/2009 10:04:55 AM Replaces the Initial Report . Reason Code: Data Entry Error-Change to Sample ID

Analyst(s)

Randy Pruitt (84)

  
Blanca Cortes, Ph.D., Laboratory Manager  
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Attn: **Steve Geraci**  
**ECS, Ltd.**  
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**Orlando, FL 32809**

Fax: (407) 859-9599  
Project: **Bay Pines VA 24:3255**

Phone: (407) 859-8378

Customer ID: ECSL77  
Customer PO:  
Received: 07/14/09 12:26 PM  
EMSL Order: 340904417

EMSL Proj:  
Analysis Date: 7/15/2009

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
24-SJM -42A 340904417-0055	Floor Tile Mastic	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
24-SJM -43A 340904417-0056	Floor Tile Mastic	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
24-SJM -44A 340904417-0057	Floor Tile Mastic	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
24-SJM -48A 340904417-0058	Floor Tile Mastic	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
		Insufficient mastic			
24-SJM -49A-Floor Tile 340904417-0059	Floor Tile Mastic (RKM)	<del>Black</del> Yellow Non-Fibrous (RKM) Heterogeneous		100% Non-fibrous (other)	None Detected
24-SJM -49A-Mastic 340904417-0059A	Floor Tile Mastic	Yellow Non-Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected

Report Amended: 7/29/2009 10:04:55 AM Replaces the Initial Report . Reason Code: Data Entry Error-Change to Sample ID

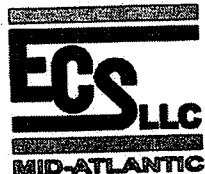
Analyst(s)

Randy Pruitt (84)

  
Blanca Cortes, Ph.D., Laboratory Manager  
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Orlando 5125 Adanson Street, Suite 900, Orlando FL NVLAP Lab Code 101151-0



# Asbestos Survey Field Data Sheet/ Chain of Custody Form

Lab Work Order ID:

24 Hour Turn Around



EMSL ANALYTICAL, INC.  
LABORATORY • PRODUCTS • TRAINING

390904417  
EMSL ANALYTICAL, INC.  
5125 ADANSON STREET  
SUITE 900  
ORLANDO FL 32804  
PHONE: (407) 599-5887

ECS Office Location: Orlando, FL  
(City, State of ECS Office)

Report via: email fax reg. mail lab-connec.  
(circle)

Project Name: Bay Pines VA

Sampled By: Steven Muskarits

Sample Date: 7/13/2009

Project Location: Bay Pines, FL

Project Manager: Jason Marberry

Rpt. Addressed to Steve Geraci  
sgeraci@ecslimited.com

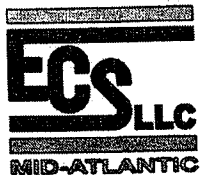
Building Number: \_\_\_\_\_

Project Number: 24-3255

Email@ for Rpt: jmarberry@ecslimited.com

Sample No.	Homogeneous Area	Sample Description	Quantity	Friable Y/N	Location	Accessibility/Potential fo Damage
20-SJM-18A		12X12 Tan Floor Tile			Bldg. 20 Rm. 100	
24 SJM-14A		Drywall Joint Compound			Bld. 24 Lv. 3 Hallway	
24 SJM-15A					Bld. 24 Lv. 3 Hallway	
24 SJM-16A					Bld. 24 Lv. 3 Hallway	
24 SJM-17A					Bld. 24 Lv. 3 Hallway	
24 SJM-18A					Bld. 24 Lv. 3 Hallway	
24 SJM-19A						
24 SJM-42A		Black Floor Tile Mastic			Bld. 24 Rm. 327	
24 SJM-43A						
24 SJM-44A						
24 SJM-48A		Yellow Floor Tile Mastic			Bld. 24 Rm. 327	
24 SJM-49A					Bld. 24 Rm. 327	

Relinquished By: [Signature] Date: 7/13/09 Received By: [Signature] Date: 07-14-09 14:53  
Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Received By: \_\_\_\_\_ Date: \_\_\_\_\_



# Asbestos Survey Field Data Sheet/ Chain of Custody Form

Lab Work Order ID:

24 Hour Turn Around

EMSL ANALYTICAL, INC.  
LABORATORY • PRODUCTS • TRAINING340904417  
EMSL ANALYTICAL, INC.  
5125 ADANSON STREET  
SUITE 900  
ORLANDO FL 32804

PHONE: (407) 599-5887

ECS Office Location: Orlando, FL  
(City, State of ECS Office)Report via: email fax reg. mail lab-connec  
(circle) .Project Name: Bay Pines VASampled By: Steven MoskowitzSample Date: 7/13/2009Project Location: Bay Pines, FLProject Manager: Jason MarkberryRpt. Addressed to Steve Geraci  
sgeraci@eastlimited.com

Building Number: \_\_\_\_\_

Project Number: 24: 3255Email@ for Rpt: jmarkberry@eastlimited.com

Sample No.	Homogeneous Area	Sample Description	Quantity	Friable Y/N	Location	Accessibility/Potential to Damage
24 SJM-78A		Drywall Joint Compound			<del>24</del> Bld. 24 Level 1	
24 SJM-79A					Hallway	
24 SJM-80A						
24 SJM-81A						
35 SJM-16A		Residual Insulation			Bld. 35 Rm. 3	
102 SJM-62A		12x12 Black Floor Tile			Unit A Hallways <sup>Bld. 102</sup>	
102 SJM-63A		Mastic				
102 SJM-64A						
102 SJM-68A		Sheetrock joint compound			Bld. 102 Unit A Hall	
102 SJM-69A						
102 SJM-70A					Bld. 102 Unit C Hall	
102 SJM-89A		12x12 Lt. Brown Floor Tile			Rm. C140	
102 SJM-90A		Mastic				
102 SJM-91A						

Relinquished By: Steven MoskowitzDate: 7/13/2009

Received By: \_\_\_\_\_

07-14-09 14:49 RCVD

Relinquished By: \_\_\_\_\_

Date: \_\_\_\_\_

Received By: \_\_\_\_\_

Date: \_\_\_\_\_

**APPENDIX B**  
**FIELD NOTES**

Inspector \_\_\_\_\_ Building 24

Sample #	Sample Description	Location/Room #	Damage	Quantity	Notes
1	CARPET MASTIC	RM. 171	No		CONFERENCE RM. Tan & Green 1 <sup>st</sup> FL.
2	"				"
3	"				"
4	WALL TEXTURE	3 <sup>RD</sup> FL. HALLWAY			
5	"	"			
6	"	"			
7	"	2 <sup>ND</sup> FL. HALLWAY			
8	"	"			
9	"	"			
10	"	1 <sup>ST</sup> FL. HALLWAY			
11	BASBOARD MASTIC	3 <sup>RD</sup> FL. HALLWAY			TAN MASTIC. BLUE CARPET BASEBOARD
12	"	"			
13	"	"			
14	DRYWALL <del>SYSTEM</del>	CONF. RM. 333			W/ SAMPLE # 78-79
15	"	"			
16	"	"			
17	DRYWALL CPMD.	CONF. RM 333			W/ SAMPLE # 80-81
18	"	"			
19	"	"			
20	EXT. STUCCO	PORCH 333A			
21	"	"			
22	"	PORCH 315A			
23	"	PORCH 127A			
24	"	"			
25	"	"			
26	"	OUTSIDE W/CH RM			
27	EXT. WINDOW GLAZING	PORCH 333A			
28	"	"			
29	"	"			

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Sample #	Sample Description	Location/Room #	Damage	Quantity	Notes
30	VINYL FLOORING	Rm. 316			LT. GREY
31	MASTIC	"			
32	"	"			
33	2x4 C.T.	3 <sup>RD</sup> FL. HALLWAY			WHITE, SPECKLE PATTERN
34	"	"			
35	"	"			
36	GREY BASEBOARD	Rm 316			TAN MASTIC, GREY BASEBOARD
37	MASTIC	"			
38	"	"			
39	SINK UNDERSIDE	Rm 316			BLACK
40	COATING				
41	"				
42	BLACK F.T./MASTIC	Rm 327			ROLL VINYL
43	"	"			
44	"	"			
45	9x9 RED F.T./MASTIC	<del>Rm 327</del> 2 <sup>ND</sup> FL. HALLWAY			9x9 STAIRWAY LANDING
46	"	Rm 310			
47	"	Rm 316 A			
48	YELLOW F.T./MASTIC	Rm 327			9x9 STAIRWAY LANDING
49	"	Rm 310			
50		2 <sup>ND</sup> FL. HALLWAY			UNDER CARPET
51	PIPE INSULATION	3 <sup>RD</sup> FL. HALLWAY			WATER PIPE
52	"	PIPE CHASE			
53	"				
54	2x4 PORTABLE PUNCH	2 <sup>ND</sup> FL. HALLWAY			
55	" C.T.	"			
56	"	"			
57	SINK UNDERSIDE	Rm 216			GREY
58	COATING	"			
59	"	"			

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Sample #	Sample Description	Location/Room #	Damage	Quantity	Notes
60	PIPE INSULATION	2 <sup>ND</sup> FL. HALLWAY			STREAM PIPE - LEP INTO CHASE
61	"	PIPE CHASE			
62	"	"			
63	FLOORING UNDER	Rm. 218			
64	CARPET	"			
65	"	"			
66	FLOOR LEVELING CPMD	2 <sup>ND</sup> FL. HALLWAY			
67	"	"			
68	"	"			
69	F.T./WASTIC UNDER	2 <sup>ND</sup> FL. HALLWAY			GREEN
70	CARPET	"			
71	"	"			
72	F.T./WASTIC UNDER	2 <sup>ND</sup> FL. HALLWAY			BLACK
73	CARPET	"			
74	"	"			
75	VIBRATION DAMPER	ATTIC			FELT
76	HVAC DUCT	"			
77	"	"			
78	DRYWALL	1 <sup>ST</sup> FL. HALLWAY			DRYWALL w/ SAMPLE # 14-16
79	"	"			
80	DRYWALL CPMD	1 <sup>ST</sup> FL. HALLWAY			DRYWALL CPMD. w/ SAMPLE # 17-19
81	"	"			
82	WALL PLASTER +	3 <sup>RD</sup> FL. HALL			
83	CEILING PLASTER	"			
84		2 <sup>ND</sup> FL. HALL			
85		"			
86		"			
87		1 <sup>ST</sup> FL. HALL			
88		"			

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