



ASBESTOS CONTAINING BUILDING MATERIAL REPORT BUILDING 36

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

Project No. 2009011.001

July 31, 2009



**Mabbett & Associates, Inc.
Environmental Consultants & Engineers**

*5 Alfred Circle
Bedford, MA 01730-2318
Telephone: (781) 275-6050
Toll Free: (800) 877-6050
Facsimile: (781) 275-5651*

info@mabbett.com

www.mabbett.com

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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:



Jody Freitas
Environmental Engineer



Robert K. McKinley, CIH
Director of Industrial Hygiene

This report has been reviewed and approved by:

BY:



Angelo Caparelli, MBA, B.Sc., CSP, FLAC
Florida Licensed Asbestos Consultant (AX55)
Certified Asbestos Inspector EPA# 101796

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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 51 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 36 was a one-story Warehouse built in 1939-1940. Building 36 was approximately 22,627 square feet (ft²).

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 ft² or less.
- (2) At least five bulk samples shall be collected from each homogeneous area that is greater than 1,000 ft² but less than or equal to 5,000 ft².
- (3) At least seven bulk samples shall be collected from each homogeneous area that is greater than 5,000 ft².

(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 ft²
- (2) At least three bulk samples shall be collected from each homogeneous area that is greater than 100 ft²

A visual screening inspection was conducted by Florida Licensed Asbestos Inspectors throughout the entire Building 36 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 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
23	Room 1 Warehouse	Warehouse	Residual Floor Tile Black Mastic	5% Chrysotile	Good	5,320 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 1, 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

FINAL
JULY 31, 2009

Asbestos Screening Results
VA Medical Center - Bay Pines, FL

Building 36

<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>
36SJM 1	1	Warehouse	Plaster	NAD				
36SJM 2	1	Warehouse	Plaster	NAD				
36SJM 3	1	Warehouse	Plaster	NAD				
36SJM 4	1	Warehouse	Plaster	NAD				
36SJM 5	1	Warehouse	Plaster	NAD				
36SJM 6	1	Warehouse	Plaster	NAD				
36SJM 7	1	Warehouse	Plaster	NAD				
36SJM 8	1	Warehouse	Drywall	NAD				
36SJM 9	1	Warehouse	Drywall	NAD				
36SJM 10	1	Warehouse	Drywall	NAD				
36SJM 11	1	Warehouse	Joint Compound	NAD				
36SJM 12	1	Warehouse	Joint Compound	NAD				
36SJM 13	1	Warehouse	Joint Compound	NAD				
36SJM 14	4A	Break Room	Baseboard Mastic	NAD				
36SJM 15	4A	Break Room	Baseboard Mastic	NAD				
36SJM 16	4A	Break Room	Baseboard Mastic	NAD				
36SJM 17 Floor	4A	Break Room	12" x 12" Brown Floor Tile	NAD				
36SJM 18 Floor	4A	Break Room	12" x 12" Brown Floor Tile	NAD				
36SJM 19 Floor	4A	Break Room	12" x 12" Brown Floor Tile	NAD				
36SJM 17 Mastic	4A	Break Room	Beige Mastic	NAD				
36SJM 18 Mastic	4A	Break Room	Beige Mastic	NAD				
36SJM 19 Mastic	4A	Break Room	Beige Mastic	NAD				
36SJM 20	4A	Break Room	Tan Sink Undercoat	NAD				
36SJM 21	4A	Break Room	Tan Sink Undercoat	NAD				
36SJM 22	4A	Break Room	Tan Sink Undercoat	NAD				
36SJM 23	1	Warehouse	Residual Floor Tile Black Mastic	5% Chrysotile	5300 Square Feet	Warehouse	Good	I
36SJM 24	1	Warehouse	Residual Floor Tile Black Mastic	stop positive	5300 Square Feet	Warehouse	Good	I
36SJM 25	1	Warehouse	Residual Floor Tile Black Mastic	stop positive	5300 Square Feet	Warehouse	Good	I
36SJM 26	C3	Office/Hallway	2' x 2' White Ceiling Tile	NAD				
36SJM 27	C3	Office/Hallway	2' x 2' White Ceiling Tile	NAD				
36SJM 28	C3	Office/Hallway	2' x 2' White Ceiling Tile	NAD				
36SJM 29	4B	Office/Hallway	Floor Leveling Compound	NAD				
36SJM 30	4B	Office/Hallway	Floor Leveling Compound	NAD				
36SJM 31	4B	Office/Hallway	Floor Leveling Compound	NAD				
36SJM 32	C3/4H	Office/Hallway	Texture Wall Coating	NAD				
36SJM 33	C3/4H	Office/Hallway	Texture Wall Coating	NAD				
36SJM 34	C3/4H	Office/Hallway	Texture Wall Coating	NAD				
36SJM 35	C3/4H	Office/Hallway	Texture Wall Coating	NAD				
36SJM 36	C3/4H	Office/Hallway	Texture Wall Coating	NAD				
36SJM 37	C3/4H	Office/Hallway	Texture Wall Coating	NAD				
36SJM 38	C3/4H	Office/Hallway	Texture Wall Coating	NAD				
36SJM 39		Exterior Porch	Tan Exterior Stucco	NAD				
36SJM 40		Exterior Porch	Tan Exterior Stucco	NAD				
36SJM 41		Exterior Porch	Tan Exterior Stucco	NAD				
36SJM 42		Exterior Porch	Tan Exterior Stucco	NAD				
36SJM 43		Exterior Porch	Tan Exterior Stucco	NAD				
36SJM 44		Exterior Porch	Tan Exterior Stucco	NAD				
36SJM 45		Exterior Porch	Tan Exterior Stucco	NAD				
36SJM 1 Insulation		Roof	Roofing	NAD				
36SJM 2 Insulation		Roof	Roofing	NAD				
36SJM 3 Insulation		Roof	Roofing	NAD				

FINAL
JULY 31, 2009

Asbestos Screening Results
VA Medical Center - Bay Pines, FL

Building 36

<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>
36SJN 1 Tar		Roof	Roofing	NAD				
36SJN 2 Tar		Roof	Roofing	NAD				
36SJN 3 Tar		Roof	Roofing	NAD				
36SJN 4		Roof	Flashing	NAD				
36SJN 5		Roof	Flashing	NAD				
36SJN 6		Roof	Flashing	NAD				

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

Note: NAD - No Asbestos Detected

Note: N/A - Analysis Not Applicable

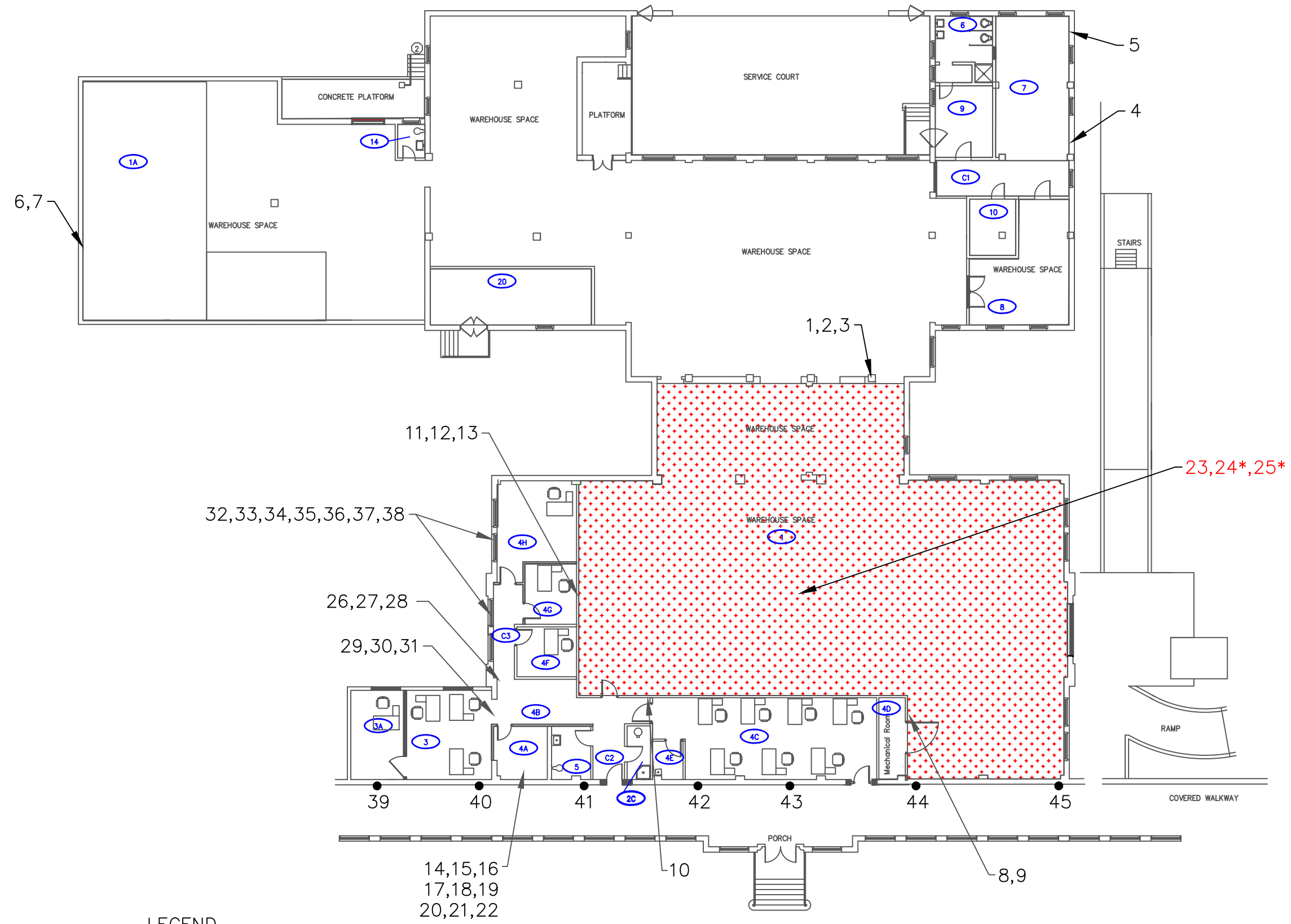
PHOTOS



Building 36
Sample 23 – Residual Floor Tile Black Mastic

DRAWINGS

one-eighth inch = one foot
one-quarter inch = one foot
three-eighths inch = one foot
one-half inch = one foot
three-quarters inch = one foot
one inch = one foot
one and one-half inches = one foot
three inches = one foot



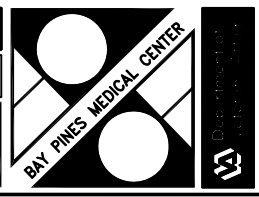
LEGEND

- 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

BLACK FLOORING MASTIC

Drawing Title	Project Title			Date
FLOOR PLAN	ACM SURVEY			JULY 31, 2009
SCALE: 1/8" = 1'-0"	Building Number			Project No.
	36			2009011.001
	Checked	Drawn	DRAWING NO.	
	RKM	DJA	1	
	Location			Dwg. 1 Of 1
	V.A.M.C. BAY PINES, FLORIDA			



APPENDIX A
LAB REPORTS

**EMSL Analytical, Inc.**

212 South Wagner Road, Ann Arbor, MI 48103

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

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

Customer ID: ECSL77
Customer PO:
Received: 06/19/09 12:00 PM
EMSL Order: 080901592

Fax: (407) 859-9599 Phone: (407) 859-8378
Project: 34:3255 Bay Pines VA Bay Pines, FL Bldg 36

EMSL Proj:
Analysis Date: 6/24/2009

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
36-SJN-1 080901592-0001	Plaster	White/Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
36-SJN-2 080901592-0002	Plaster	White/Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
36-SJN-3 080901592-0003	Plaster	White/Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
36-SJN-4 080901592-0004	Plaster	White/Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
36-SJN-5 080901592-0005	Plaster	White/Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
36-SJN-6 080901592-0006	Plaster	White/Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
36-SJN-7 080901592-0007	Plaster	White/Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Jane Zhang (49)

Brian Walczak, 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. Ann Arbor 212 South Wagner Road, Ann Arbor MI NVLAP Lab Code 101048-4

**EMSL Analytical, Inc.**

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

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Project: **34:3255 Bay Pines VA Bay Pines, FL Bldg 36**

Customer ID: ECSL77
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EMSL Order: 080901592

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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
36-SJN-8 080901592-0008	Drywall	White/Brown Fibrous Heterogeneous	40% Cellulose 5% Glass	55% Non-fibrous (other)	None Detected
36-SJN-9 080901592-0009	Drywall	White/Brown Fibrous Heterogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
36-SJN-10 080901592-0010	Drywall	White/Gray Fibrous Heterogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
36-SJN-11 080901592-0011	Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
36-SJN-12 080901592-0012	Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
36-SJN-13 080901592-0013	Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
36-SJN-14 080901592-0014	Baseboard Mastic	White/Yellow Fibrous Heterogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected

Analyst(s)

Jane Zhang (49)

Brian Walczak, Laboratory Manager
or other approved signatory

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
36-SJN-15 080901592-0015	Baseboard Mastic	White/Yellow Fibrous Heterogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
36-SJN-16 080901592-0016	Baseboard Mastic	White/Yellow Fibrous Heterogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
36-SJN-17 080901592-0017	Floor Tile	Brown Non-Fibrous Layers: 1		100% Non-fibrous (other)	None Detected
36-SJN-17 080901592-0017A	Mastic	Beige Non-Fibrous Layers: 2		100% Non-fibrous (other)	None Detected
36-SJN-18 080901592-0018	Floor Tile	Brown Non-Fibrous Layers: 1		100% Non-fibrous (other)	None Detected
36-SJN-18 080901592-0018A	Mastic	Beige Non-Fibrous Layers: 2		100% Non-fibrous (other)	None Detected
36-SJN-19 080901592-0019	Floor Tile	Brown Non-Fibrous Layers: 1		100% Non-fibrous (other)	None Detected

Analyst(s)

Jane Zhang (49)

Brian Walczak, Laboratory Manager
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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
36-SJN-19 080901592-0019A	Mastic	Beige Non-Fibrous Layers: 2		100% Non-fibrous (other)	None Detected
36-SJN-20 080901592-0020	Sink Undercoat	White Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
36-SJN-21 080901592-0021	Sink Undercoat	White Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
36-SJN-22 080901592-0022	Sink Undercoat	White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
36-SJN-23 080901592-0023	Mastic	Black Fibrous Homogeneous	3% Cellulose	92% Non-fibrous (other)	5% Chrysotile
36-SJN-24 080901592-0024	Mastic				Stop Positive (Not Analyzed)
36-SJN-25 080901592-0025	Mastic				Stop Positive (Not Analyzed)

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Jane Zhang (49)

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EMSL Proj:
Analysis Date: 6/24/2009

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
36-SJN-26 080901592-0026	Ceiling Tile	White/Tan Fibrous Heterogeneous	60% Cellulose 10% Glass	30% Non-fibrous (other)	None Detected
36-SJN-27 080901592-0027	Ceiling Tile	White/Tan Fibrous Heterogeneous	50% Cellulose 10% Glass	40% Non-fibrous (other)	None Detected
36-SJN-28 080901592-0028	Ceiling Tile	White/Tan Fibrous Heterogeneous	60% Cellulose 10% Glass	30% Non-fibrous (other)	None Detected
36-SJN-29 080901592-0029	Floor Leveling Compound	Green/Gray Non-Fibrous Layers: 1		100% Non-fibrous (other)	None Detected
36-SJN-29 080901592-0029A	Mastic	Clear Non-Fibrous Layers: 2		100% Non-fibrous (other)	None Detected
36-SJN-30 080901592-0030	Floor Leveling Compound	Green/Gray Non-Fibrous Layers: 1		100% Non-fibrous (other)	None Detected
36-SJN-30 080901592-0030A	Mastic	Clear Non-Fibrous Layers: 2		100% Non-fibrous (other)	None Detected

Analyst(s)

Jane Zhang (49)

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

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

Fax: (407) 859-9599 Phone: (407) 859-8378
Project: **34:3255 Bay Pines VA Bay Pines, FL Bldg 36**

Customer ID: ECSL77
Customer PO:
Received: 06/19/09 12:00 PM
EMSL Order: 080901592
EMSL Proj:
Analysis Date: 6/24/2009

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
36-SJN-31 080901592-0031	Floor Leveling Compound	Green/Gray Non-Fibrous Layers: 1		100% Non-fibrous (other)	None Detected
36-SJN-31 080901592-0031A	Mastic	Clear Non-Fibrous Layers: 2		100% Non-fibrous (other)	None Detected
36-SJN-32 080901592-0032	Texture Wall Coating	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
36-SJN-33 080901592-0033	Texture Wall Coating	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
36-SJN-34 080901592-0034	Texture Wall Coating	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
36-SJN-35 080901592-0035	Texture Wall Coating	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
36-SJN-36 080901592-0036	Texture Wall Coating	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

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2815 Directors Row.Suite 500
Orlando, FL 32809

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Project: **34:3255 Bay Pines VA Bay Pines, FL Bldg 36**

Customer ID: ECSSL77
Customer PO:
Received: 06/19/09 12:00 PM
EMSL Order: 080901592
EMSL Proj:
Analysis Date: 6/24/2009

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
36-SJN-37 080901592-0037	Texture Wall Coating	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
36-SJN-38 080901592-0038	Texture Wall Coating	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
36-SJN-39 080901592-0039	Stucco	Yellow/Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
36-SJN-40 080901592-0040	Stucco	Yellow/Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
36-SJN-41 080901592-0041	Stucco	Yellow/Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
36-SJN-42 080901592-0042	Stucco	Yellow/Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
36-SJN-43 080901592-0043	Stucco	Yellow/Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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Received: 06/19/09 12:00 PM
EMSL Order: 080901592

EMSL Proj:
Analysis Date: 6/24/2009

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
36-SJN-44 080901592-0044	Stucco	Yellow/Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
36-SJN-45 080901592-0045	Stucco	Yellow/Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

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



Asbestos Survey Field Data Sheet/ Chain of Custody Form

Lab Work Order ID:

080901592

Bldg 36 1 of 3



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

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
Project Location: Bay Pines, FL
Building Number: 36

Sampled By: Steven Muscovits
Project Manager: Bob McKinley
Project Number: 34:3255

Sample Date: 6/19/09
Rpt. Addressed to: Jason Markberry
Email@ for Rpt: jmarkberry@ecsllc.com

Sample No.	Homogeneous Area	Sample Description	Quantity	Friable Y/N	Location	Accessibility/Potential for Damage
36-SJN-1		PLASTER			WAREHOUSE	
-2						
-3						
-4						
-5						
-6						
-7						
-8		DRYWALL			WAREHOUSE	
-9						
-10						
-11		DRYWALL Compound			WAREHOUSE	
-12						
-13						

Relinquished By: Bob McKinley
Relinquished By: Bob McKinley 10:15 AM

Date: 6/19/09
Date: 6/24/09

Received By: _____ Date: _____
Received By: _____ Date: _____



080901592 BLDG. 36 2 of 3

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.)
36-SJN-14	BASEBOARD MASTIC -TAN/		
-15	BREAK ROOM		
-16			
-17	12x12 FT./MASTIC/		
-18	BREAK ROOM		
-19			
-20	SINK UNDERCOATING -TAN/		
-21	BREAK ROOM		
-22			
-23	RESIDUAL F.T. MASTIC -BLACK/		
-24	WAREHOUSE		
-25			
-26	2'x2' WHITE CT. -OFFICE HALLWAY		
-27			
-28			
-29	FLOOR LEVELING COMPOUND/GREEN/		
-30	OFFICE HALLWAY		
-31			
-32	TEXTURE WALL COATING/		
-33	OFFICE HALLWAY		
-34			
-35			
-36			
-37			
-38			

Relinquished:

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Time:

Time:

Time:

Time:

Bldg. 36 3043

<http://www.emsl.com>

Relinquished:
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Date:
Date:
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Date:

Time:
Time:
Time:
Time:

Qw 10:15

0124/05

**EMSL Analytical, Inc.**

212 South Wagner Road, Ann Arbor, MI 48103

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

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

Fax: (407) 859-9599 Phone: (407) 859-8378

Project: **34:3255 Bay Pines VA, Bay Pines, FL Roofs**

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

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

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2815 Directors Row.Suite 500
Orlando, FL 32809

Fax: (407) 859-9599 Phone: (407) 859-8378

Project: **34:3255 Bay Pines VA, Bay Pines, FL Roofs**

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

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	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
36-SJN-3 Roof- 080901591-0009A	Tar	Black Fibrous Layers: 2	2% Cellulose 5% Glass	93% Non-fibrous (other)	None Detected
36-SJN-4 Roof 080901591-0010	Flashing	Black Fibrous Homogeneous	2% Glass 1% Cellulose	97% Non-fibrous (other)	None Detected
36-SJN-5 Roof 080901591-0011	Flashing	Black Fibrous Homogeneous	3% Cellulose 1% Glass	96% Non-fibrous (other)	None Detected
36-SJN-6 Roof 080901591-0012	Flashing	Black Fibrous Homogeneous	5% Glass	95% Non-fibrous (other)	None Detected
37-SJN-1 Roof 080901591-0013	Roofing	Black Fibrous Heterogeneous	3% Cellulose 2% Glass	95% Non-fibrous (other)	None Detected
37-SJN-2 Roof 080901591-0014	Roofing	Black Fibrous Heterogeneous	5% Cellulose 2% Glass	93% Non-fibrous (other)	None Detected
37-SJN-3 Roof 080901591-0015	Roofing	Black Fibrous Heterogeneous	7% Cellulose 2% Glass	91% Non-fibrous (other)	None Detected

Analyst(s)

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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



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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@ecsllc.com

*
23 -
labels

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: [Signature]

10:15

Date: 6/24/09

Received By: _____

Date: _____

UPS

APPENDIX B
FIELD NOTES

Inspector _____ Building 36

Sample #	Sample Description	Location/Room #	Damage	Quantity	Notes
1	PLASTER	W.H.			
2					
3					
4					
5					
6					
7					
8	DRY WALL	W.H.			
9					
10					
11	DRY WALL CPMD.	W.H.			
12					
13					
14	BASEBOARD MASTIC	BREAK RM			TAN
15					
16					
17	FT. MASTIC	BREAK RM.			12"
18					
19					
20	SINK UNDERCOAT	BREAK RM.			TAN
21					
22					
23	RESIDUAL FT. MASTIC	W.H.			BLACK
24					
25					
26	C.T. WHITE SPECK	OFFICE -			2'
27		HALLWAY			
28					
29	FLOOR LEVENING CPMD	HALLWAY			GREEN
30					
31					

Date 6/19

Page 1 of 2

W.H. - 2x4 C.T.
NOT ACCESSIBLE
DUE TO CEILING
HEIGHT

W.H. - RESIDUAL C.T.
MASTIC IN CEILING
DECK ABOVE SUSPENDED C.T. ALSO OBSERVED ABOVE
C.T. IN PORTION OF OFFICE.

Building 36

[illegible]

Date 6/19/09

Page 2 of 8