

PROJECT: 11798

**ASBESTOS-CONTAINING  
BUILDING MATERIALS  
SURVEY REPORT**



Recreation Building



Pool Building

**PROJECT LOCATION:**

**Williams Park  
1717 NW 5<sup>th</sup> Ave  
Miami, FL 33136**

**REPORT SUBMITTED:**

May 25, 2006

**REPORT PREPARED FOR:**

GEC Associates  
12208 SW 129<sup>th</sup> Ct  
Miami, FL 33188

**REPORT PREPARED & CERTIFIED BY:**

TIERRA CONSULTING GROUP, INC.  
38 NE 20TH AVENUE, SUITE # 7  
POMPANO BEACH, FLORIDA 33060  
(954) 941-9837



**ASBESTOS BUSINESS ORGANIZATION  
LICENSE NO. ZA-0000276**

**TABLE OF CONTENTS**

Executive Summary	Page 1
Survey Results	Page 2
Material Assessment	Page 2
Limitations	Page 2
Signatures	Page 3

**ATTACHMENTS**

- Sample Locations
- Photographs
- PLM Analyses
- Chain-of-Custody

## **EXECUTIVE SUMMARY**

Tierra Consulting Group, Inc. (TCGI) was contracted to conduct an asbestos-containing building materials (ACBM) survey for the following facility using the protocol established in US EPA AHERA (40 CFR 763 Subpart E):

Williams Park  
1717 NW 5<sup>th</sup> Ave  
Miami, FL 33136

The purpose of this report is to determine if any asbestos-containing materials are present within the facility per the requirements set forth in 40 CFR 61 (USEPA NESHAP) for asbestos impacted during planned demolition activities.

The subject property is improved with two single story concrete buildings scheduled for demolition; the first contains a recreation area, bathrooms, and an office; the second contains bathrooms, showers, locker rooms and pool mechanical (electrical closet was not accessible for inspection). The interior walls and ceilings were concrete or plaster finished with paint. Floors were finished with ceramic floor tile or remained bare or painted concrete.

The following materials were identified as asbestos-containing materials (ACM):

### ***NO ASBESTOS CONTAINING MATERIALS WERE IDENTIFIED IN THIS FACILITY***

Some asbestos-containing materials (ACM) may not have been found due to material inaccessibility. Interstitial spaces (between walls and floors) may contain ACM. Any suspect materials encountered which are not included in this report, must be sampled or assumed to be ACM.

All suspect materials were identified and sampled per 40 CFR 763 Subpart E (Asbestos Hazard Emergency Response Act). On May 11, 2006, 13 samples of suspect materials were collected by AHERA inspector J. Moss. Samples were analyzed using Polarized Light Microscopy per 40 CFR 763 Subpart E and were analyzed by EMSL Analytical Services (Miami, FL).

## SURVEY RESULTS

<u>Sample Number</u>	<u>Description</u>	<u>Asbestos Content%</u>
JM051106-1-1	HVAC Insulation	No Asbestos Detected
JM051106-2-1	HVAC Mastic, Blue	No Asbestos Detected
JM051106-3-1	HVAC Mastic, White	No Asbestos Detected
JM051106-4-1	Plaster	No Asbestos Detected
JM051106-4-2	Plaster	No Asbestos Detected
JM051106-4-3	Plaster	No Asbestos Detected
JM051106-5-1	Sink Coating	No Asbestos Detected
JM051106-6-1	Roof Edge	No Asbestos Detected
JM051106-7-1	Roof Field	No Asbestos Detected
JM051106-8-1	Decorative Block	No Asbestos Detected
JM051106-9-1	Pool Deck	No Asbestos Detected
JM051106-10-1	Window Glaze	No Asbestos Detected
JM051106-11-1	Elec. Box	No Asbestos Detected

Note: All TSI encountered throughout this building is considered non-suspect.

## MATERIAL ASSESSMENT, LOCATIONS, QUANTITIES, RECOMMENDATIONS

***NO ASBESTOS CONTAINING MATERIALS WERE IDENTIFIED IN THIS FACILITY***

## LIMITATIONS

This survey was based on inspected areas only. The survey does not include any other structure on the subject property. This report is limited to the 2 buildings (recreation hall and pool building) located at:

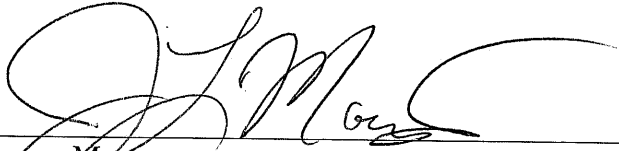
Williams Park  
1717 NW 5<sup>th</sup> Ave  
Miami, FL 33136

The results, conclusions, and recommendations in this report pertain to conditions observed at the time of inspection. Some asbestos-containing material (ACM) may not have been found due to material inaccessibility. Interstitial spaces (between walls and floors) may contain ACM. Any suspect materials discovered which are not included in this report must be sampled or assumed to be ACM.

TCGI conducted and prepared this survey in accordance with industry standards. No other warranty expressed or implied is made.

**SIGNATURES**

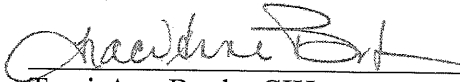
AHERA Inspector:



James Moss  
Project Manager  
TCGI

5/25/06  
Date

Reviewed by:

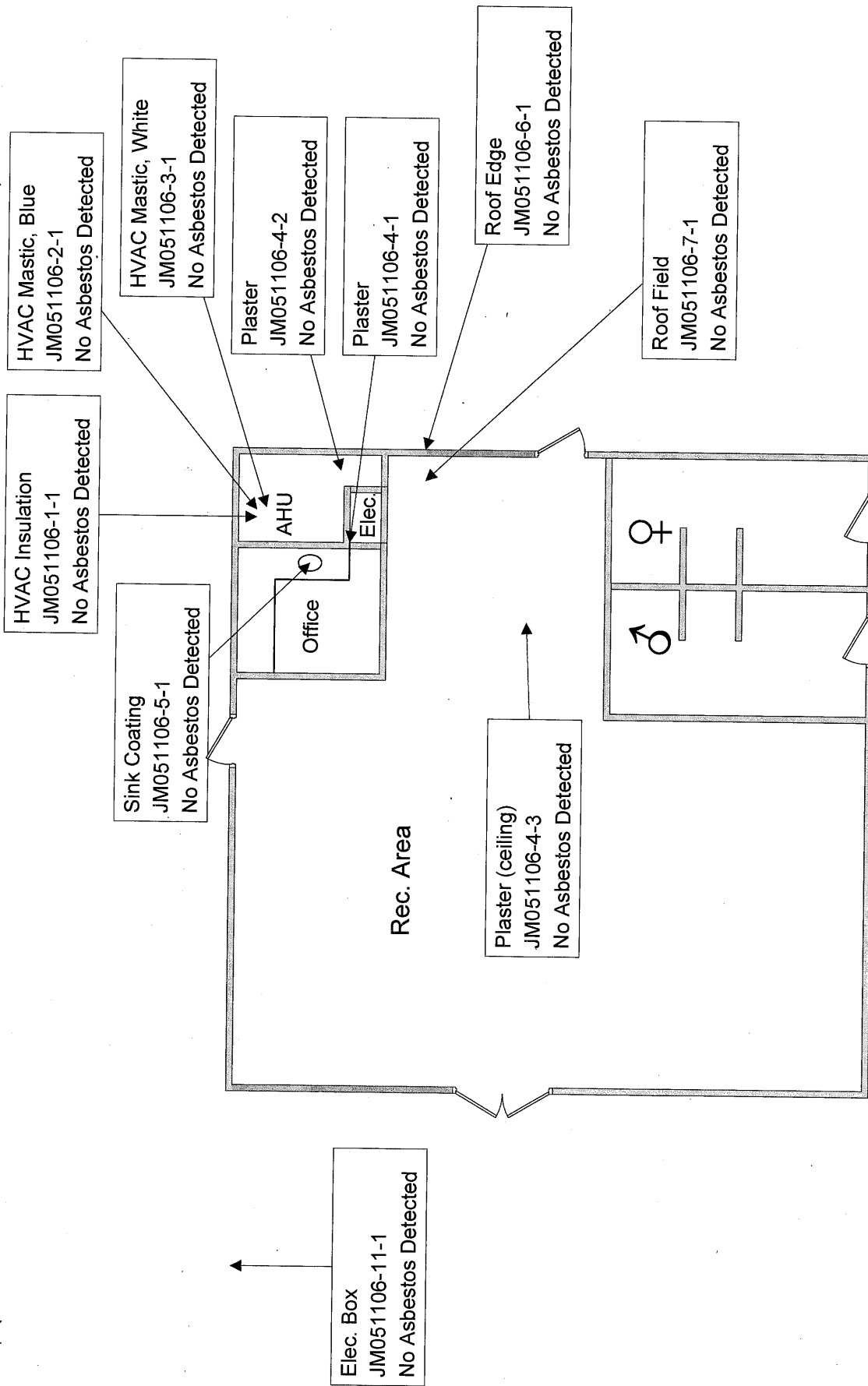


Traci-Ann Boyle, CIH  
Florida Licensed Asbestos Consultant AX-60

05/25/2006  
Date



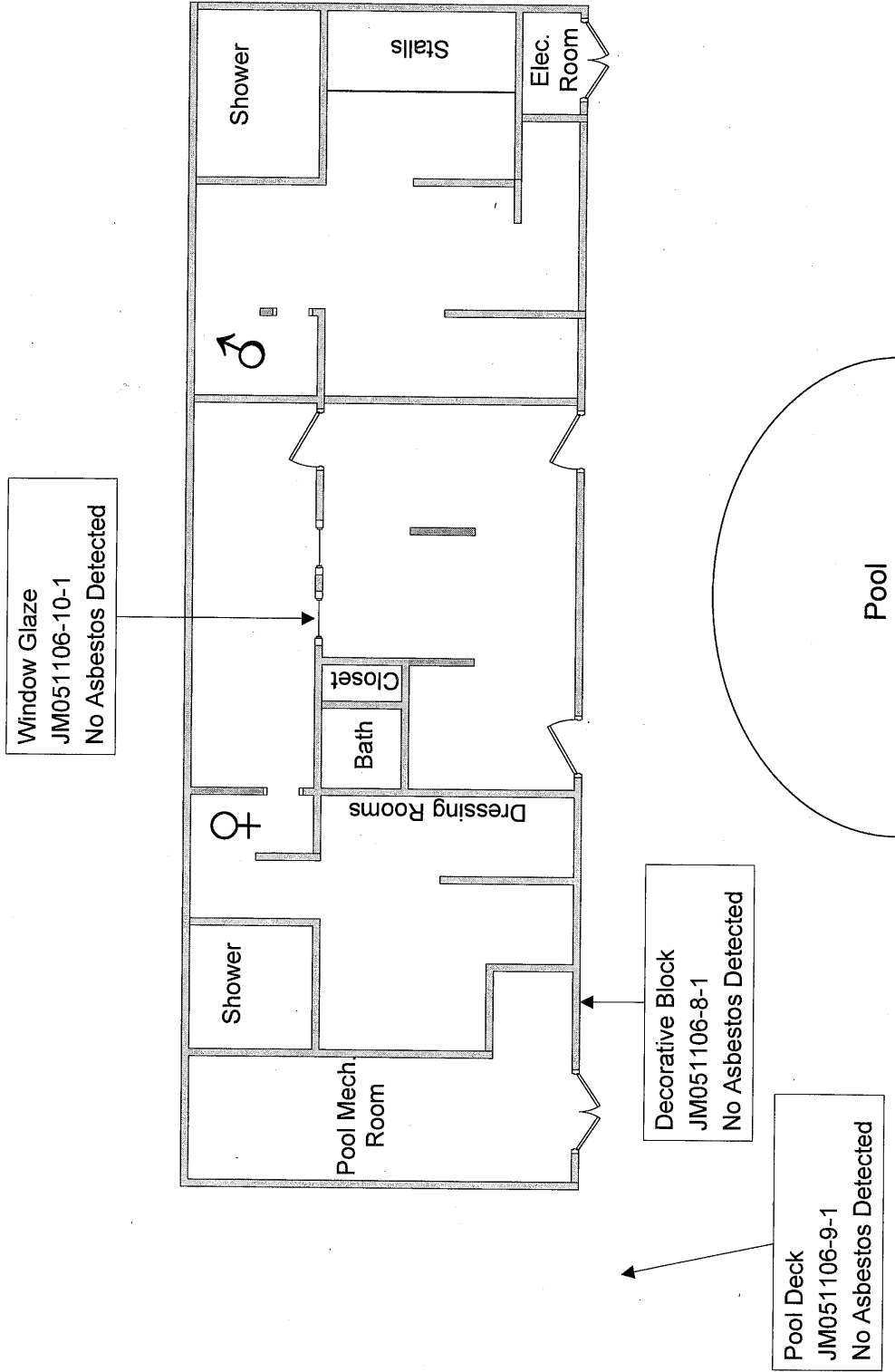
**NOTE: DRAWING NOT TO SCALE.  
CONTRACTOR MUST VERIFY ALL QUANTITIES ON SITE.**



Project: Williams Park 1717 NW 5 <sup>th</sup> Ave, Miami, FL 33136 Project # 11798		Client: GEC Associates			
Sample Locations, Recreation Building		Date: May 11, 2006	Drawn By: I I		

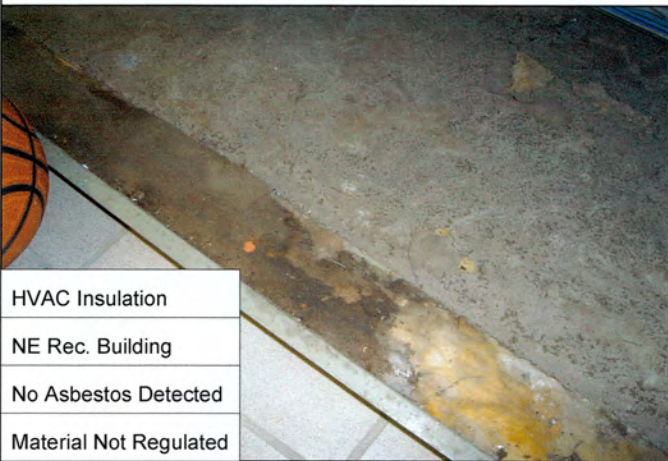


**NOTE: DRAWING NOT TO SCALE.  
CONTRACTOR MUST VERIFY ALL QUANTITIES ON SITE.**



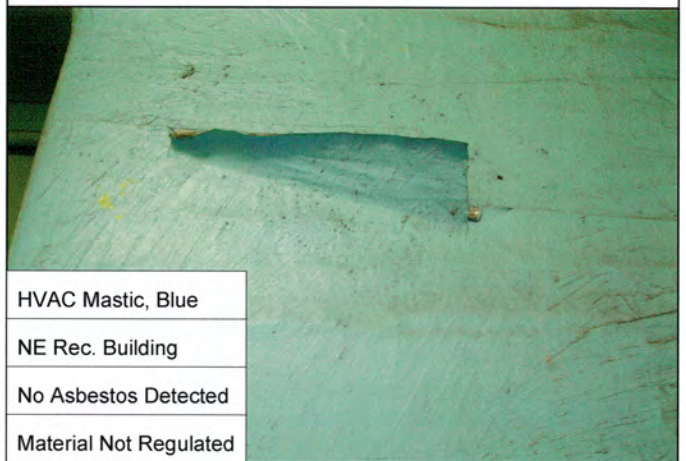
Project: Williams Park 1717 NW 5 <sup>th</sup> Ave, Miami, FL 33136 Project # 11798		Client: GEC Associates			
Sample Locations, Pool Building		Date: May 11, 2006	Drawn By: I I		

Sample JM051106-1-1



HVAC Insulation
NE Rec. Building
No Asbestos Detected
Material Not Regulated

Sample JM051106-2-1



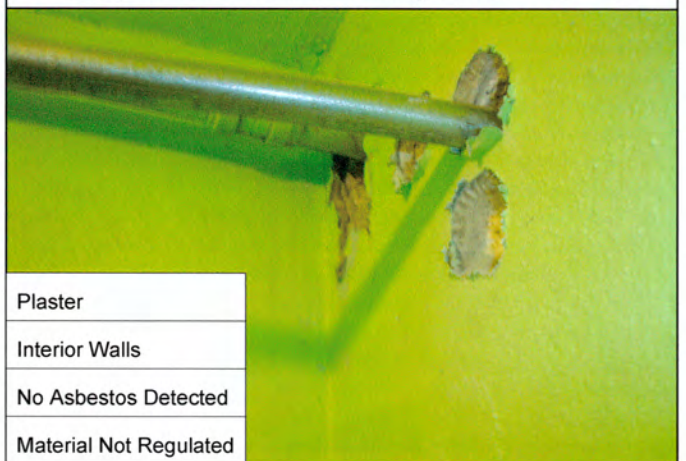
HVAC Mastic, Blue
NE Rec. Building
No Asbestos Detected
Material Not Regulated

Sample JM051106-3-1



HVAC Mastic, White
NE Rec. Building
No Asbestos Detected
Material Not Regulated

Samples JM051106-4-1 through JM051106-4-3



Plaster
Interior Walls
No Asbestos Detected
Material Not Regulated

Sample JM051106-5-1



Sink Coating
Rec. Building Office
No Asbestos Detected
Material Not Regulated

Sample JM051106-6-1



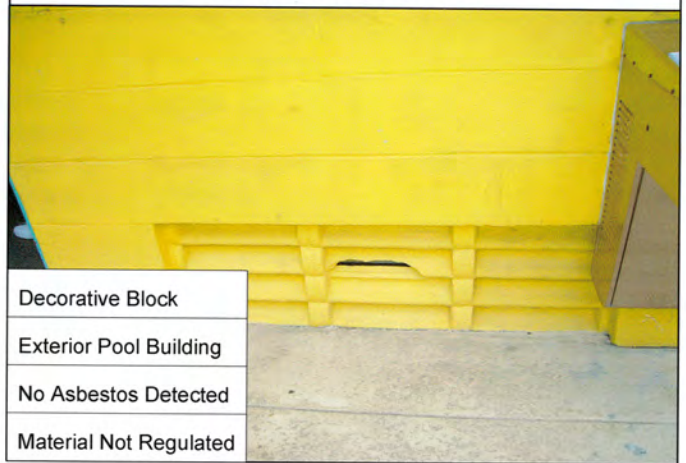
Roof Edge
Rec. Building
No Asbestos Detected
Material Not Regulated

Sample JM051106-7-1



Roof Field
Rec. Building
No Asbestos Detected
Material Not Regulated

Sample JM051106-8-1



Decorative Block
Exterior Pool Building
No Asbestos Detected
Material Not Regulated

Sample JM051106-9-1



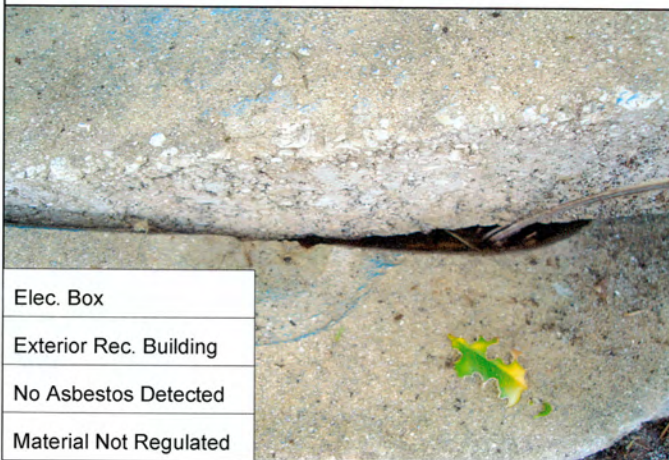
Deck Surface
Pool
No Asbestos Detected
Material Not Regulated

Sample JM051106-10-1



Window Glaze
Pool Building
No Asbestos Detected
Material Not Regulated

Sample JM051506-11-1



Elec. Box
Exterior Rec. Building
No Asbestos Detected
Material Not Regulated

**EMSL Analytical, Inc.**

19501 NE 10th Ave. Bay A, N. Miami Beach, FL 33179

Phone: (305) 650-0577 Fax: (305) 650-0578 Email: [miamilab@emsl.com](mailto:miamilab@emsl.com)

Attn: **Jorge Diaz**  
**Tierra Consulting Group**  
**38 Northeast 20th Ave.**  
**Suite 7**  
**Pompano Beach, FL 33060**

Customer ID: TIER99  
 Customer PO:  
 Received: 05/11/06 3:30 PM  
 EMSL Order: 170603736

Fax: (954) 946-6556 Phone: (954) 941-9837  
 Project: **11798/ GEC & Associates**

EMSL Proj:  
 Analysis Date: 5/12/2006  
 Report Date: 5/12/2006

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

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
JM051106-1-1 170603736-0001	Insulation	Black/Yellow	3% Synthetic	15% Non-fibrous (other)	None Detected
		Fibrous	82% Glass		
		Heterogeneous	<1% Cellulose		
JM051106-2-1 170603736-0002	Mastic	Blue	6% Cellulose	94% Non-fibrous (other)	None Detected
		Non-Fibrous Heterogeneous			
JM051106-3-1 170603736-0003	Mastic	White	6% Cellulose	94% Non-fibrous (other)	None Detected
		Non-Fibrous Homogeneous			
JM051106-4-1 170603736-0004	Plaster	Gray	<1% Cellulose	100% Non-fibrous (other)	None Detected
		Non-Fibrous Heterogeneous			
JM051106-4-2 170603736-0005	Plaster	Gray	<1% Cellulose	100% Non-fibrous (other)	None Detected
		Non-Fibrous Heterogeneous			
JM051106-4-3 170603736-0006	Plaster	Gray	<1% Cellulose	100% Non-fibrous (other)	None Detected
		Non-Fibrous Heterogeneous			
JM051106-5-1 170603736-0007	Sink Coating	Gray	12% Cellulose	88% Non-fibrous (other)	None Detected
		Fibrous Homogeneous			

Analyst(s)  
 \_\_\_\_\_  
 Edgar Rodriguez (5)  
 Stephen Bennett (8)

*Kimberly A. Wallace*

Kimberly Wallace  
 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. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. 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.

Analysis performed by EMSL Miami (NVLAP Code 200204-0)

**EMSL Analytical, Inc.**

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Phone: (305) 650-0577 Fax: (305) 650-0578 Email: [miamilab@emsl.com](mailto:miamilab@emsl.com)

Attn: **Jorge Diaz**  
**Tierra Consulting Group**  
**38 Northeast 20th Ave.**  
**Suite 7**  
**Pompano Beach, FL 33060**

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 Project: 11798/ GEC & Associates

EMSL Proj:  
 Analysis Date: 5/12/2006  
 Report Date: 5/12/2006

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

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
JM051106-6-1 170603736-0008	Roof Edge	Black Fibrous Heterogeneous	10% Glass 2% Cellulose	88% Non-fibrous (other)	None Detected
JM051106-7-1 170603736-0009	Roof Field	Black Fibrous Homogeneous	10% Synthetic 10% Glass	80% Non-fibrous (other)	None Detected
JM051106-8-1 170603736-0010	Block	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
JM051106-9-1 170603736-0011	Pool Deck	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
JM051106-10-1 170603736-0012	Glaze	Cream Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
JM051106-11-1 170603736-0013	Elec. Box	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Edgar Rodriguez (5)  
 Stephen Bennett (8)

Kimberly Wallace  
 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. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. 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.

Analysis performed by EMSL Miami (NVLAP Code 200204-0)



# Chain of Custody

## Asbestos Lab Services

EMSL Analytical, Inc.  
 Sky Lake Ind. Park  
 19501 NE 10th Ave,  
 Bay A  
 North Miami Beach,  
 FL 33179  
 Phone: (305) 650-0577  
 Fax: (305) 650-0578  
 http://www.emsl.com

170603736

Please print all information legibly.

<b>Company:</b>	Tierra Consulting Group, Inc.	<b>Bill To:</b>	Tierra Consulting Group, Inc.
<b>Address 1:</b>	38 ne 20th avenue, suite 7	<b>Address 1:</b>	38 ne 20th avenue, suite 7
<b>Address 2:</b>		<b>Address 2:</b>	
<b>City, State:</b>	Pompano Beach, FL	<b>City, State:</b>	Pompano Beach, FL
<b>Zip/Post Code:</b>	33060	<b>Zip/Post Code:</b>	33060
<b>Country:</b>		<b>Country:</b>	
<b>Contact Name:</b>	Jorge Diaz	<b>Attn:</b>	jorge
<b>Phone:</b>	954-941-9837	<b>Phone:</b>	954-941-9837
<b>Fax:</b>	954-946-6556	<b>Fax:</b>	
<b>Email:</b>	admin@tierraconsulting.com	<b>Email:</b>	
<b>EMSL Rep:</b>		<b>P.O. Number:</b>	
<b>Project Name/Number:</b> 11798 / GEC & ASSOCIATES			

MATRIX			TURNAROUND			
<input type="checkbox"/> Air	<input type="checkbox"/> Soil	<input type="checkbox"/> Micro-Vac	<input type="checkbox"/> 3 Hours	<input type="checkbox"/> 6 Hours	<input type="checkbox"/> Same Day or 12 Hours*	<input checked="" type="checkbox"/> 24 Hours (1 day)
<input checked="" type="checkbox"/> Bulk	<input type="checkbox"/> Drinking Water		<input type="checkbox"/> 48 Hours (2 days)	<input type="checkbox"/> 72 Hours (3 days)	<input type="checkbox"/> 96 Hours (4 days)	<input type="checkbox"/> 120 Hours (5 days)
<input type="checkbox"/> Wipe	<input type="checkbox"/> Wastewater		<input type="checkbox"/> 144+ hours (6-10 days)			

TEM AIR, 3 hours, 6 hours. Please call ahead to schedule. There is a premium charge for 3-hour fat, please call 1-800-220-3675 for price prior to sending samples. You will be asked to sign an authorization form for this service.

\*12 hours (must arrive by 11:00a.m. Mon -Fri.). Please Refer to Price Quote

<b>PCM - Air</b> <input type="checkbox"/> NIOSH 7400(A) Issue 2: August 1994 <input type="checkbox"/> OSHA w/TWA <input type="checkbox"/> Other:	<b>TEM Air</b> <input type="checkbox"/> AHERA 40 CFR, Part 763 Subpart E <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II	<b>TEM WATER</b> <input type="checkbox"/> EPA 100.1 <input type="checkbox"/> EPA 100.2 <input type="checkbox"/> NYS 198.2
<b>PLM - Bulk</b> <input checked="" type="checkbox"/> EPA 600/R-93/116 <input type="checkbox"/> EPA Point Count <input type="checkbox"/> NY Stratified Point Count <input type="checkbox"/> PLM NOB (Gravimetric) NYS 198.1 <input type="checkbox"/> NIOSH 9002: <input type="checkbox"/> EMSL Standard Addition:	<b>TEM BULK</b> <input type="checkbox"/> Drop Mount (Qualitative) <input type="checkbox"/> Chatfield SOP - 1988-02 <input type="checkbox"/> TEM NOB (Gravimetric) NYS 198.4 <input type="checkbox"/> EMSL Standard Addition:	<b>TEM Microvac/Wipe</b> <input type="checkbox"/> ASTM D 5755-95 (quantative method) <input type="checkbox"/> Wipe Qualitative
<b>SEM Air or Bulk</b> <input type="checkbox"/> Qualitative <input type="checkbox"/> Quantitative	<b>PLM Soil</b> <input type="checkbox"/> EPA Protocol Qualitative <input type="checkbox"/> EPA Protocol Quantitative <input type="checkbox"/> EMSL MSD 9000 Method fibers/gram	<b>XRD</b> <input type="checkbox"/> Asbestos <input type="checkbox"/> Silica NIOSH 7500  <b>OTHER</b>

W 05-11-06 11:28 AM

Page 2



170603736  
Chain of Custody

Asbestos Lab Services

EMSL Analytical, Inc.  
Sky Lake Ind. Park  
19501 NE 10th Ave,  
Bay A  
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FL 33179  
Phone: (305) 650-0577  
Fax: (305) 650-0578  
<http://www.emsl.com>

Please print all information legibly.

Client Sample # (s) JM051106-1-1 - JM051106-11-1

Total Samples #: 13

Relinquished: [Signature] Date: 5/11/06

Time: \_\_\_\_\_

Received: [Signature] Date: 05-11-06 13:29 RVD

Time: \_\_\_\_\_

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

Time: \_\_\_\_\_

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

Time: \_\_\_\_\_

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	VOLUME (if applicable)
JM051106-1-1	HVAC INSULATION	
JM051106-2-1	HVAC MASTIC BLUE	
JM051106-3-1	HVAC MASTIC WHITE	
JM051106-4-1	PLASTER ON WALL	
JM051106-4-2	PLASTER ON CHASSIS	
JM051106-4-3	PLASTER ON CEILING	
JM051106-5-1	SIENKA COATING	
JM051106-6-1	POOL DECK	
JM051106-7-1	POOL FLOOR	
JM051106-8-1	DECORATIVE BLOCK	
JM051106-9-1	POOL DECK	
JM051106-10-1	WINDOW GLAZE	
JM051106-11-1	ELEC. BOX	

11798  
2 of 2