

**Table 2. Asbestos Containing Material Summary, Encyle Facility, 5500 Up River Road, Corpus Christi, Texas**

Figure 1 Building Number	Encyle Building Name	Building Material of Construction	Approximate Building Size (ft <sup>2</sup> )	Asbestos-Containing Materials	Remarks
43	---	Brick	64	No ACM present.	No ACM present. Building labeled "Spill Response Equipment".
44	---	Brick	180	Tar & gravel roof.	South of Facility No. 1.
45	---	Brick	150	Tar & gravel roof.	East of water tower.
46	Admin Building and Lab	Brick	3,500	Brown linoleum floor covering on the 2nd floor hallway and offices north of hallway. White fibrous pipe wrap with outer black tar jacket on 1" to 6"-diameter pipes in the basement of the Admin Building and lab. Tan and gray checkered linoleum floor covering on 1st floor, south side of building, and 2nd floor, north side of building. 9" x 9" light brown floor tile in room on 2nd floor, 30' west of building NE corner.	2 levels plus basement. Pipe insulation in basement labeled "asbestos".
47	Change House/ Guard House	Brick	10,000	White fibrous pipe wrap with outer black tar jacket on 2"-diameter steel pipe along outer wall at north-center end of Change House, and room at north-center end of Change House. Tan and gray checkered linoleum floor covering on 1st floor laundry room, east end of Change House. 12" x 12" white floor tile with light gray streaks located in the eastern portion of the Change House.	Building west of main entrance gate on Up River Rd.
48	Visitor Center	Brick	1,500	No ACM present.	No ACM present. North of Change House.
49	Admin Offices	Brick	6,300	No ACM present.	No ACM present. North of Change House. West of Visitor Center.
50	Fire Water Bldg.	Brick	150	No ACM present.	No ACM present. North of Change House. Southwest of Admin Offices.

**Table 2. Asbestos Containing Material Summary, Encyle Facility, 5500 Up River Road, Corpus Christi, Texas**

Figure 1 Building Number	Encyle Building Name	Building Material of Construction	Approximate Building Size (ft <sup>2</sup> )	Asbestos-Containing Materials	Remarks
51	Warehouse Storage Bldg.	Brick	3,200	9" x 9" cream-white floor tile in offices at northeast end of Warehouse Storage Building.	Northwest of Change House.
52	---	Brick	325	Tar & gravel roof.	West of Facility No. 1.
53	Smokestack	Brick	NA	1/8"-thick red coating on exterior of large concrete/brick smokestack located directly southwest of Facility No. 4.	Tall brick smokestack. Located SW of Facility No. 4.

AGL Above ground level.

Note: The roofing materials of several large buildings (Plant Engineering Building, Power House, Admin Building and Lab) were not visible and not accessible.

**ATTACHMENT 1**

**Asbestos Laboratory Reports**

**ENVIRONMENTAL HAZARDS SERVICES, L.L.C.**

7469 WHITE PINE ROAD - RICHMOND, VA 23237

804-275-4788 FAX 804-275-4907

**BULK ASBESTOS SAMPLE ANALYSIS SUMMARY**

**CLIENT:** ARCADIS Geraghty & Miller **DATE OF RECEIPT:** 29 Nov 2006  
 711 North Carancahua, Suite 1700 **DATE OF ANALYSIS:** 29 Nov 2006  
 Corpus Christi, TX 78475-1801 **DATE OF REPORT:** 30 Nov 2006

**CLIENT NUMBER:** 45-2081 D  
**EHS PROJECT #:** 2006-11-3218  
**PROJECT:** Encycle

<b>EHS SAMPLE #</b>	<b>CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION</b>	<b>% ASBESTOS</b>	<b>OTHER MATERIALS</b>
01	A-1/ Black Tar-Like; Brown/Tan Fib.	55% Chrysotile 55% Total Asbestos	10% Cellulose 35% Non-Fibrous
02	A-2/ Black Tar-Like	5% Chrysotile 5% Total Asbestos	95% Non-Fibrous
03	A-3/ Black Tar-Like	6% Chrysotile 6% Total Asbestos	94% Non-Fibrous
04	A-4/ Tan Fib.	NAD	40% Cellulose 40% Fibrous Glass 20% Non-Fibrous
05	A-5/ Tan Fib.	NAD	40% Cellulose 40% Fibrous Glass 20% Non-Fibrous
06	A-6/ Tan Fib.	NAD	40% Cellulose 40% Fibrous Glass 20% Non-Fibrous
07A	A-7(a)-Linoleum/ Brown Linoleum; Tan Fib.	15% Chrysotile ★ 15% Total Asbestos ★Present in fibrous backing.	85% Non-Fibrous
07B	A-7(b)-Mastic/ Yellow Adhes.	Trace, <1% Chrysotile ★ <1% Total Asbestos ★Possible contamination from fibrous backing.	100% Non-Fibrous
08	A-8/ Brown Linoleum; Tan Fib.	15% Chrysotile 15% Total Asbestos	85% Non-Fibrous
09	A-9/ Brown Linoleum; Tan Fib.	15% Chrysotile 15% Total Asbestos	85% Non-Fibrous
10	A-10/ White Chalky	NAD	4% Cellulose 96% Non-Fibrous

**ENVIRONMENTAL HAZARDS SERVICES, L.L.C.**

CLIENT NUMBER: 45-2081 D  
 EHS PROJECT #: 2006-11-3218  
 PROJECT: Encycle

EHS SAMPLE #	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
11	A-11/ White Chalky; Brown Fib.	NAD	25% Cellulose 75% Non-Fibrous
12	A-12/ White Chalky; Brown Fib.	NAD	20% Cellulose 80% Non-Fibrous
13	A-13/ White Powder; Black Tar-Like; Fib.	5% Chrysotile 5% Total Asbestos	5% Cellulose 90% Non-Fibrous
14	A-14/ White Chalky	NAD	4% Cellulose 96% Non-Fibrous
15	A-15/ Black Tar-Like; Fib.; White Powder	NAD	15% Cellulose 85% Non-Fibrous
16	A-16/ Gray Brittle; Fib.	NAD	25% Fibrous Glass 75% Non-Fibrous
17	A-17/ Gray Brittle; Fib.	NAD	25% Fibrous Glass 75% Non-Fibrous
18	A-18/ Gray Brittle; Fib.	NAD	25% Fibrous Glass 75% Non-Fibrous
19	A-19/ Black Tar-Like	5% Chrysotile 5% Total Asbestos	95% Non-Fibrous
20A	A-20(a)-Flooring/ Gray/Brown Vinyl-Like; Pale Gray Fib.	22% Chrysotile ★ 22% Total Asbestos ★Present in fibrous backing.	8% Cellulose 70% Non-Fibrous
20B	A-20(b)-Mastic/ Dk. Yellow Adhes.	2% Chrysotile ★ 2% Total Asbestos ★Possible contamination from fibrous backing.	6% Cellulose 2% Hair 90% Non-Fibrous
21	A-21/ Pale Gray/Tan Fib.; White Brittle	NAD	40% Cellulose 35% Fibrous Glass 25% Non-Fibrous
22A	A-22(a)-Baseboard/ Gray Vinyl-Like	NAD	100% Non-Fibrous
22B	A-22(b)-Mastic/ Brown Adhes.	NAD	3% Cellulose 97% Non-Fibrous
23A	A-23(a)-Baseboard/ Gray Vinyl-Like	NAD	100% Non-Fibrous

**ENVIRONMENTAL HAZARDS SERVICES, L.L.C.**

CLIENT NUMBER: 45-2081 D  
 EHS PROJECT #: 2006-11-3218  
 PROJECT: Encycle

<b>EHS SAMPLE #</b>	<b>CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION</b>	<b>% ASBESTOS</b>	<b>OTHER MATERIALS</b>
23B	A-23(b)-Mastic/ Brown Adhes.	NAD	3% Cellulose 97% Non-Fibrous
24A	A-24(a)-Baseboard/ Gray Vinyl-Like	NAD	100% Non-Fibrous
24B	A-24(b)-Mastic/ Brown Adhes.	NAD	4% Cellulose 96% Non-Fibrous
25	A-25/ Off-White/Black Fib.	NAD	30% Cellulose 10% Fibrous Glass 15% Synthetic 45% Non-Fibrous
26	A-26/ Off-White/Black Fib.	20% Chrysotile 35% Amosite 55% Total Asbestos ★ ★Chrysotile present throughout sample. Amosite present in the off-white (main) layer.	10% Cellulose 35% Non-Fibrous
27	A-27/ Off-White/Black Fib.	15% Chrysotile 40% Amosite 55% Total Asbestos ★ ★Chrysotile/Amosite present in the off-white(main) layer.	20% Cellulose 25% Non-Fibrous
28	A-28/ Off-White/Black Fib.	12% Chrysotile 12% Total Asbestos ★ ★Present in the dark brown fibrous felt paper layer.	20% Cellulose 18% Fibrous Glass 50% Non-Fibrous
29	A-29/ Off-White/Black Fib.	NAD	40% Cellulose 5% Fibrous Glass 55% Non-Fibrous
30	A-30/ Pale Gray/Black Fib.	3% Chrysotile 22% Amosite 25% Total Asbestos ★ ★Chrysotile/Amosite present in the pale gray (main) layer.	20% Cellulose 55% Non-Fibrous
31	A-31/ Pale Gold/Black Fib.; Black Brittle; Silver Metallic	NAD	15% Cellulose 55% Fibrous Glass 30% Non-Fibrous
32A	A-32(a)-Flooring/ Off-White/White Vinyl-Like; Olive Green Fib.	NAD	15% Cellulose 15% Synthetic 70% Non-Fibrous

**ENVIRONMENTAL HAZARDS SERVICES, L.L.C.**

CLIENT NUMBER: 45-2081 D  
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 PROJECT: Encycle

EHS SAMPLE #	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
32B	A-32(b)-Mastic/ Brown Adhes.	NAD	4% Cellulose 1% Hair 95% Non-Fibrous
33A	A-33(a)-Tile/ Off-White Gran.	2% Chrysotile 2% Total Asbestos	98% Non-Fibrous
33B	A-33(b)-Mastic/ Yellow Adhes.	NAD	4% Cellulose 96% Non-Fibrous
34A	A-34(a)-Tile/ Off-White Gran.	2% Chrysotile 2% Total Asbestos	98% Non-Fibrous
34B	A-34(b)-Mastic/ Yellow Adhes.	NAD	4% Cellulose 96% Non-Fibrous
35	A-35/ Tan Fib.; White Brittle	NAD	90% Cellulose 10% Non-Fibrous
36	A-36/ Tan Fib.; White Brittle	NAD	90% Cellulose 10% Non-Fibrous
37	A-37/ Tan Fib.; White Brittle	NAD	90% Cellulose 10% Non-Fibrous
38	A-38/ Gray Cementitious; Dk. Brown Brittle	NAD	3% Cellulose 97% Non-Fibrous
39	A-39/ Gray Cementitious; Dk. Brown Brittle	NAD	3% Cellulose 97% Non-Fibrous
40	A-40/ Gray Gran.	NAD	3% Cellulose 97% Non-Fibrous
41	A-41/ Brown Fib.	40% Chrysotile 40% Total Asbestos	10% Cellulose 50% Non-Fibrous
42	A-42/ Yellow Fib.	NAD	2% Cellulose 93% Fibrous Glass 5% Non-Fibrous
43	A-43/ Yellow Fib.	NAD	95% Fibrous Glass 5% Non-Fibrous
44	A-44/ White Powdery	NAD	30% Cellulose 70% Non-Fibrous

**ENVIRONMENTAL HAZARDS SERVICES, L.L.C.**

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EHS SAMPLE #	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
45	A-45/ White Fib.	NAD	40% Cellulose 40% Fibrous Glass 20% Non-Fibrous
46A	A-46(a)-Tile/ Lt. Tan Solid Tile	NAD	100% Non-Fibrous
46B	A-46(b)-Mastic/ Brown Adhes.	NAD	100% Non-Fibrous
47A	A-47(a)-Tile/ Lt. Tan Solid Tile	NAD	100% Non-Fibrous
47B	A-47(b)-Mastic/ Tan Adhes.	NAD	100% Non-Fibrous
48A	A-48(a)-Tile/ Brown Solid Tile	NAD	100% Non-Fibrous
48B	A-48(b)-Mastic/ Tan Adhes.	NAD	100% Non-Fibrous
49	A-49/ Orange Fib.	NAD	90% Fibrous Glass 10% Non-Fibrous
50	A-50/ Yellow Fib.	NAD	95% Fibrous Glass 5% Non-Fibrous
51	A-51/ Gray Fib.	NAD	2% Cellulose 88% Fibrous Glass 10% Non-Fibrous
52	A-52/ Yellow Fib.	NAD	95% Fibrous Glass 5% Non-Fibrous
53	A-53/ White Gran.	NAD	3% Fibrous Glass 97% Non-Fibrous
54	A-54/ White Gran.	2% Chrysotile 2% Total Asbestos	2% Fibrous Glass 96% Non-Fibrous
55	A-55/ White Gran.; Fib.	15% Chrysotile 15% Total Asbestos	85% Non-Fibrous
56	A-56/ Black Tar-Like	5% Chrysotile 5% Total Asbestos	95% Non-Fibrous
57	A-57/ Brown Fib.	45% Chrysotile 45% Total Asbestos	5% Cellulose 50% Non-Fibrous



**ENVIRONMENTAL HAZARDS SERVICES, L.L.C.**

CLIENT NUMBER: 45-2081 D  
 EHS PROJECT #: 2006-11-3218  
 PROJECT: Encycle

EHS SAMPLE #	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
58	A-58/ Tan Fib.	NAD	93% Cellulose 7% Non-Fibrous
59	A-59/ Tan Fib.	NAD	95% Cellulose 5% Non-Fibrous
60	A-60/ Beige Fib.	NAD	92% Cellulose 8% Non-Fibrous
61	A-61/ Pale Tan/Off-White Fib.; Black Brittle	30% Chrysotile ★ 30% Total Asbestos	25% Cellulose 5% Fibrous Glass 40% Non-Fibrous
		★Present in the felt paper (main) layer.	
62	A-62/ Off-White/Black Fib.; Black Brittle	22% Chrysotile 38% Amosite 60% Total Asbestos ★	5% Cellulose 35% Non-Fibrous
		★Chrysotile present throughout sample. Amosite present in the off-white (main) layer.	
63	A-63/ Black/Gray Brittle; Off-White Fib.	20% Chrysotile 3% Amosite 23% Total Asbestos ★	7% Cellulose 10% Fibrous Glass 60% Non-Fibrous
		★Chrysotile present throughout sample. Amosite present in the off-white layer.	
64	A-64/ Off-White Brittle; Coarse Powder; Gray Brittle	NAD	100% Non-Fibrous
65	A-65/ Off-White Brittle; Coarse Powder; Gray Brittle	NAD	100% Non-Fibrous
66	A-66/ Off-White/Pale Gray Cementitious; Coarse Powder; Pale Pink Brittle	NAD	1% Cellulose 99% Non-Fibrous
67	A-67/ Pale Pink Fib.	NAD	97% Fibrous Glass 3% Non-Fibrous
68	A-68/ Brown/Off-White Fib.; Black Brittle	35% Chrysotile ★ 35% Total Asbestos	25% Cellulose 5% Fibrous Glass 35% Non-Fibrous
		★Present in the fibrous felt paper (main) layer.	

**ENVIRONMENTAL HAZARDS SERVICES, L.L.C.**

CLIENT NUMBER: 45-2081 D  
 EHS PROJECT #: 2006-11-3218  
 PROJECT: Encycle

<b>EHS SAMPLE #</b>	<b>CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION</b>	<b>% ASBESTOS</b>	<b>OTHER MATERIALS</b>
69	A-69/ Brown/Off-White Fib.; Black Brittle	35% Chrysotile ★ 35% Total Asbestos  ★Present in the fibrous felt paper (main) layer.	25% Cellulose 5% Fibrous Glass 35% Non-Fibrous
70	A-70/ Tan Fib.	NAD	90% Synthetic 10% Non-Fibrous
71	A-71/ Tan Fib.	NAD	85% Synthetic 15% Non-Fibrous
72	A-72/ Tan Fib.	NAD	80% Synthetic 20% Non-Fibrous
73	A-73/ Black Tar-Like	20% Chrysotile 20% Total Asbestos	30% Cellulose 50% Non-Fibrous
74	A-74/ Tan Gran.	NAD	100% Non-Fibrous
75	A-75/ Brown Gran.	NAD	5% Cellulose 95% Non-Fibrous
76	A-76/ Brown Gran.	NAD	7% Cellulose 93% Non-Fibrous
77	A-77/ Orange Fib.	NAD	80% Fibrous Glass 20% Non-Fibrous
78	A-78/ Black Tar-Like	NAD	20% Cellulose 80% Non-Fibrous
79	A-79/ Black Fib.	20% Chrysotile 20% Total Asbestos	30% Cellulose 50% Non-Fibrous

# ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

CLIENT NUMBER: 45-2081 D  
EHS PROJECT #: 2006-11-3218  
PROJECT: Encycle

QC SAMPLE: M21995-2  
NIST REF  
M11995-3

QC BLANK: SRM 1866 Fiberglass

REPORTING LIMIT: 1% Asbestos

METHOD: Polarized Light Microscopy, EPA Method 600/R-93/116 \*

ANALYST: Melissa Boggs Steiniger  
Mark Case  
Mark DeLeonardis

Reviewed By Authorized Signatory:



*Michael A. Mueller, MPH, Laboratory Director*  
*Howard Varner, General Manager*  
*Irma Faszewski, Quality Assurance Coordinator*

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Environmental Hazards Services, L.L.C. California Certification #2319 NY ELAP #11714. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

\* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

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LEGEND NAD = no asbestos detected  
SCF = suspected ceramic fibers

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p1m1.dot/07MAR2006/REV2/ MR

-- PAGE 08 of 08 -- END OF REPORT --



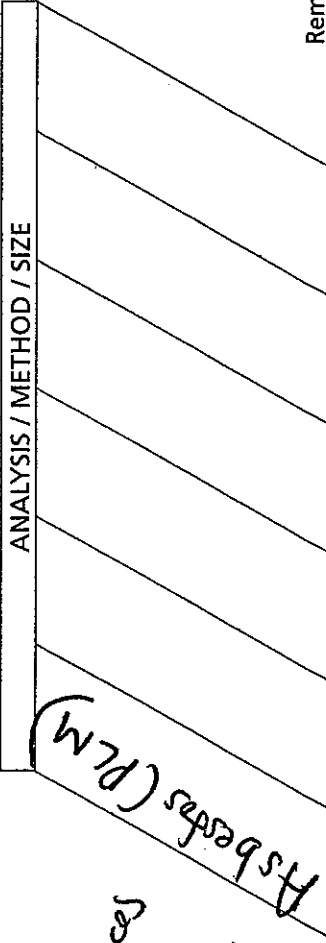
19 PLM

EHS 2006-11-3218 USTUDY RECORD

Page 1 of 2

Laboratory Task Order No./P.O. No.

Project Number/Name: Encycle  
 Project Location: Corpus Christi, TX  
 Laboratory: Environmental Hazards Services  
 Project Manager: Ken Brandy  
 Sampler(s)/Affiliation: ARCADIS/Ken Brandy



Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	Remarks	Total
A-1	S	11/27/06 12:15		Analyze all	1
A-2	S	12:30		79 Samples	1
A-3	S	12:45		with this	1
A-4	S	12:55		shipment for	1
A-5	S	13:10		asbestos using	1
A-6	S	13:20		PLM.	1
A-7	S	13:30			1
A-8	S	13:40			1
A-9	S	13:50			1
A-10	S	14:00			1
A-11	S	14:10			1
A-12	S	14:20		SAMPLE CONDITION	1
A-13	S	14:30		Acceptable	1
A-14	S	14:40		Inacceptable	1
A-15	S	14:50			1
Total No. of Bottles/Containers					15

Sample Matrix: L = Liquid; S = Solid; A = Air

Relinquished by: Ken Brandy Organization: ARCADIS Date: 11/28/06 Time: 5PM Seal Intact? Yes No N/A

Received by: \_\_\_\_\_ Organization: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Seal Intact? Yes No N/A

Relinquished by: \_\_\_\_\_ Organization: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Seal Intact? Yes No N/A

Received by: \_\_\_\_\_ Organization: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Seal Intact? Yes No N/A

Special Instructions/Remarks: Results to Ken Brandy ARCADIS, Corpus Christi, TX (Fax 361-883-7565) (Phone 361-883-1353)  
5-day turnaround needed.

Delivery Method:  In Person  Common Carrier  Lab Courier  Other



**ENVIRONMENTAL HAZARDS SERVICES, L.L.C.**

7469 WHITE PINE ROAD - RICHMOND, VA 23237

804-275-4788 FAX 804-275-4907

**BULK ASBESTOS SAMPLE ANALYSIS SUMMARY**

**CLIENT:** ARCADIS Geraghty & Miller  
711 North Carancahua, Suite 1700  
Corpus Christi, TX 78475-1801

**DATE OF RECEIPT:** 04 Dec 2006  
**DATE OF ANALYSIS:** 04 Dec 2006  
**DATE OF REPORT:** 05 Dec 2006

**CLIENT NUMBER:** 45-2081 D  
**EHS PROJECT #:** 2006-12-0281  
**PROJECT:** Encycle

<b>EHS SAMPLE #</b>	<b>CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION</b>	<b>% ASBESTOS</b>	<b>OTHER MATERIALS</b>
01	A-80/ Brown Fib.	NAD	60% Cellulose 10% Fibrous Glass 30% Non-Fibrous
02A	A-81(a)-Tile/ Brown Vinyl	NAD	6% Cellulose 94% Non-Fibrous
02B	A-81(b)-Mastic/ Brown/Black Adhes.	NAD	5% Cellulose 95% Non-Fibrous
03A	A-82(a)-Tile/ Brown Vinyl	NAD	6% Cellulose 94% Non-Fibrous
03B	A-82(b)-Mastic/ Brown/Black Adhes.	NAD	4% Cellulose 96% Non-Fibrous
04A	A-83(a)-Tile/ Brown Vinyl	NAD	6% Cellulose 94% Non-Fibrous
04B	A-83(b)-Mastic/ Brown/Black Adhes.	NAD	4% Cellulose 96% Non-Fibrous
05	A-84/ Tan Fib.	NAD	96% Fibrous Glass 4% Non-Fibrous
06	A-85/ Black Tar-Like	8% Chrysotile 8% Total Asbestos	2% Cellulose 90% Non-Fibrous
07	A-86/ Black Tar-Like	6% Chrysotile 6% Total Asbestos	2% Cellulose 92% Non-Fibrous
08A	A-87(a)-TSI/ White Powder	NAD	15% Synthetic 85% Non-Fibrous
08B	A-87(b)-Felt/ Black Fib.	NAD	92% Cellulose 8% Non-Fibrous
09	A-88/ Black Tar-Like	5% Chrysotile 5% Total Asbestos	4% Cellulose 91% Non-Fibrous

**ENVIRONMENTAL HAZARDS SERVICES, L.L.C.**

CLIENT NUMBER: 45-2081 D  
 EHS PROJECT #: 2006-12-0281  
 PROJECT: Encycle

EHS SAMPLE #	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
10	A-89/ Brown Powder	NAD	5% Fibrous Glass 95% Non-Fibrous
11	A-90/ Black Tar-Like	NAD	20% Cellulose 80% Non-Fibrous
12	A-91/ Brown/Gray Gran.; Black Tar-Like	2% Chrysotile 2% Total Asbestos	1% Cellulose 97% Non-Fibrous
13	A-92/ Black Tar-Like	6% Chrysotile 6% Total Asbestos	2% Cellulose 92% Non-Fibrous
14	A-93/ Black Tar-Like	6% Chrysotile 6% Total Asbestos	6% Cellulose 88% Non-Fibrous
15	A-94/ Black Fib.; Black Tar-Like	20% Chrysotile 20% Total Asbestos	20% Cellulose 60% Non-Fibrous
16	A-95/ Gray Brittle	NAD	100% Non-Fibrous
17	A-96/ Brown Fib.; Tan Powder	NAD	93% Cellulose 7% Non-Fibrous
18	A-97/ Brown Fib.	NAD	60% Cellulose 10% Fibrous Glass 30% Non-Fibrous
19A	A-98(a)-Tile/ Tan Vinyl	4% Chrysotile 4% Total Asbestos	96% Non-Fibrous
19B	A-98(b)-Mastic/ Black Tar-Like	5% Chrysotile 5% Total Asbestos	5% Cellulose 90% Non-Fibrous
20A	A-99(a)-Tile/ Tan Vinyl	4% Chrysotile 4% Total Asbestos	96% Non-Fibrous
20B	A-99(b)-Mastic/ Black Tar-Like	5% Chrysotile 5% Total Asbestos	5% Cellulose 90% Non-Fibrous
21A	A-100(a)-Tile/ Tan Vinyl	4% Chrysotile 4% Total Asbestos	96% Non-Fibrous
21B	A-100(b)-Mastic/ Black Tar-Like	5% Chrysotile 5% Total Asbestos	5% Cellulose 90% Non-Fibrous
22A	A-101(a)-Tile/ Brown Vinyl	NAD	6% Cellulose 94% Non-Fibrous

**ENVIRONMENTAL HAZARDS SERVICES, L.L.C.**

CLIENT NUMBER: 45-2081 D  
 EHS PROJECT #: 2006-12-0281  
 PROJECT: Encycle

EHS SAMPLE #	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
22B	A-101(b)-Mastic/ Brown Adhes.	NAD	5% Cellulose 95% Non-Fibrous
23A	A-102(a)-Tile/ Brown Vinyl	NAD	6% Cellulose 94% Non-Fibrous
23B	A-102(b)-Mastic/ Brown Adhes.; Brown Fib.	NAD	60% Cellulose 40% Non-Fibrous
24A	A-103(a)-Tile/ Brown Vinyl	NAD	6% Cellulose 94% Non-Fibrous
24B	A-103(b)-Mastic/ Brown Adhes.; Brown Fib.	NAD	55% Cellulose 45% Non-Fibrous
25	A-104/ White Powder; Brown/White Fib.	35% Chrysotile 35% Total Asbestos	35% Cellulose 30% Non-Fibrous
26	A-105/ White Powder; White/Brown Fib.	35% Chrysotile 35% Total Asbestos	35% Cellulose 30% Non-Fibrous
27	A-106/ White Powder; White/Brown Fib.	35% Chrysotile 35% Total Asbestos	35% Cellulose 30% Non-Fibrous
28	A-107/ Black Tar-Like; Tan Fib.	6% Chrysotile 2% Amosite 8% Total Asbestos	2% Cellulose 90% Non-Fibrous
29	A-108/ Black Tar-Like; Tan Fib.	6% Chrysotile 2% Amosite 8% Total Asbestos	2% Cellulose 90% Non-Fibrous
30	A-109/ Black Tar-Like; Tan Fib.	6% Chrysotile 2% Amosite 8% Total Asbestos	2% Cellulose 90% Non-Fibrous
31	A-110/ White Powder; White Fib.	NAD	30% Cellulose 70% Non-Fibrous
32	A-111/ White Powder; White Fib.	NAD	30% Cellulose 70% Non-Fibrous
33	A-112/ White Powder; Black Tar-Like	3% Chrysotile 3% Total Asbestos	6% Cellulose 91% Non-Fibrous
34	A-113/ Gray Powder	NAD	100% Non-Fibrous



**ENVIRONMENTAL HAZARDS SERVICES, L.L.C.**

CLIENT NUMBER: 45-2081 D  
 EHS PROJECT #: 2006-12-0281  
 PROJECT: Encycle

EHS SAMPLE #	CLIENT SAMPLE # LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
35	A-114/ Gray Powder	NAD	100% Non-Fibrous
36	A-115/ Gray Powder	NAD	100% Non-Fibrous
37	A-116/ Black Tar-Like	6% Chrysotile 6% Total Asbestos	3% Cellulose 91% Non-Fibrous
38	A-117/ Black Tar-Like; Black Fib.	NAD	60% Cellulose 40% Non-Fibrous
39	A-118/ White Powder; White Fib.	30% Chrysotile 25% Amosite 55% Total Asbestos	45% Non-Fibrous
40	A-119/ Tan Fib.; Brown Adhes.	NAD	85% Fibrous Glass 15% Non-Fibrous
41	A-120/ White Powder	NAD	20% Synthetic 80% Non-Fibrous
42	A-121/ Black Tar-Like; Gray Fib.	30% Chrysotile 30% Total Asbestos	30% Cellulose 40% Non-Fibrous
43	A-122/ Gray Gran.	NAD	100% Non-Fibrous
44	A-123/ Gray Gran.	NAD	100% Non-Fibrous
45	A-124/ Gray Gran.	NAD	100% Non-Fibrous
46	A-125/ Gray Gran.	NAD	100% Non-Fibrous
47A	A-126(a)-Linoleum/ Green Vinyl; Gray Fib.	20% Chrysotile 20% Total Asbestos	20% Cellulose 60% Non-Fibrous
47B	A-126(b)-Mastic/ Tan Adhes.	Trace, <1% Chrysotile ★ <1% Total Asbestos ★Possible contamination from fibrous backing.	3% Cellulose 97% Non-Fibrous
48	A-127/ Tan Brittle	NAD	100% Non-Fibrous
49	A-128/ Black Tar-Like; Black Fib.	10% Chrysotile 10% Total Asbestos	15% Cellulose 75% Non-Fibrous

**ENVIRONMENTAL HAZARDS SERVICES, L.L.C.**

CLIENT NUMBER: 45-2081 D  
 EHS PROJECT #: 2006-12-0281  
 PROJECT: Encycle

<b>EHS SAMPLE #</b>	<b>CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION</b>	<b>% ASBESTOS</b>	<b>OTHER MATERIALS</b>
50	A-129/ Tan Gran.; Tan Powder	15% Chrysotile 15% Total Asbestos	85% Non-Fibrous
51	A-130/ Brown Powder; Brown Fib.	5% Chrysotile 25% Amosite 30% Total Asbestos	5% Cellulose 65% Non-Fibrous
52	A-131/ Tan Fib.; Tan Powder	35% Chrysotile 35% Total Asbestos	30% Fibrous Glass 35% Non-Fibrous
53	A-132/ Black Tar-Like; Black Fib.	NAD	30% Cellulose 70% Non-Fibrous
54	A-133/ Black Tar-Like	NAD	30% Cellulose 70% Non-Fibrous
55	A-134/ Black Tar-Like	NAD	2% Cellulose 98% Non-Fibrous
56	A-135/ Brown Fib.	NAD	60% Cellulose 10% Fibrous Glass 30% Non-Fibrous
57	A-136/ Yellow Fib.	NAD	96% Fibrous Glass 4% Non-Fibrous
58	A-137/ White Powder; Brown Fib.	NAD	35% Cellulose 65% Non-Fibrous
59	A-138/ Black Tar-Like; Black Fib.	NAD	45% Cellulose 55% Non-Fibrous
60	A-139/ Brown Fib.; Black Tar-Like	NAD	60% Cellulose 40% Non-Fibrous
61	A-140/ Black Tar-Like; Black Fib.	NAD	45% Cellulose 55% Non-Fibrous
62	A-141/ Brown Fib.	NAD	60% Cellulose 10% Fibrous Glass 30% Non-Fibrous
63A	A-142(a)-Tile/ Tan Vinyl	NAD	100% Non-Fibrous
63B	A-142(b)-Mastic/ Brown Adhes.	NAD	2% Cellulose 98% Non-Fibrous

**ENVIRONMENTAL HAZARDS SERVICES, L.L.C.**

CLIENT NUMBER: 45-2081 D  
 EHS PROJECT #: 2006-12-0281  
 PROJECT: Encycle

EHS SAMPLE #	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
64A	A-143(a)-Tile/ Tan Vinyl	NAD	100% Non-Fibrous
64B	A-143(b)-Mastic/ Brown Adhes.; Tan Powder	NAD	3% Cellulose 97% Non-Fibrous
65A	A-144(a)-Tile/ Tan Vinyl	NAD	100% Non-Fibrous
65B	A-144(b)-Mastic/ Brown Adhes.	NAD	4% Cellulose 96% Non-Fibrous
66A	A-145(a)-Tile/ Blue Vinyl	NAD	100% Non-Fibrous
66B	A-145(b)-Mastic/ Tan Adhes.	NAD	1% Cellulose 99% Non-Fibrous
67A	A-146(a)-Tile/ Blue Vinyl	NAD	100% Non-Fibrous
67B	A-146(b)-Mastic/ Tan Adhes.	NAD	1% Cellulose 99% Non-Fibrous
68A	A-147(a)-Tile/ Blue Vinyl	NAD	100% Non-Fibrous
68B	A-147(b)-Mastic/ Tan/Brown Adhes.	NAD	2% Cellulose 98% Non-Fibrous
69	A-148/ White Powder; Brown Fib.	NAD	35% Cellulose 65% Non-Fibrous
70	A-149/ Black Tar-Like	NAD	35% Cellulose 65% Non-Fibrous
71	A-150/ Black Tar-Like; Black Fib.	NAD	35% Cellulose 65% Non-Fibrous
72	A-151/ Tan Vinyl; Tan Fib.	NAD	35% Cellulose 5% Synthetic 60% Non-Fibrous
73	A-152/ Tan Vinyl; Tan Fib.	NAD	35% Cellulose 5% Synthetic 60% Non-Fibrous

**ENVIRONMENTAL HAZARDS SERVICES, L.L.C.**

CLIENT NUMBER: 45-2081 D  
 EHS PROJECT #: 2006-12-0281  
 PROJECT: Encycle

EHS SAMPLE #	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
74A	A-153(a)-Linoleum/ Tan Vinyl; Tan Fib.	NAD	35% Cellulose 5% Synthetic 60% Non-Fibrous
74B	A-153(b)-Mastic/ Black Tar-Like	5% Chrysotile 5% Total Asbestos	4% Cellulose 91% Non-Fibrous
75A	A-154(a)-Tile/ Tan Vinyl	NAD	100% Non-Fibrous
75B	A-154(b)-Mastic/ Brown Adhes.	NAD	3% Cellulose 97% Non-Fibrous
76A	A-155(a)-Linoleum/ Brown Vinyl; Tan Fib.	20% Chrysotile 20% Total Asbestos	20% Cellulose 60% Non-Fibrous
76B	A-155(b)-Mastic/ Black Tar-Like	5% Chrysotile 5% Total Asbestos	2% Cellulose 93% Non-Fibrous
77A	A-156(a)-Tile/ Brown Vinyl	5% Chrysotile 5% Total Asbestos	95% Non-Fibrous
77B	A-156(b)-Mastic/ Black Tar-Like	4% Chrysotile 4% Total Asbestos	6% Cellulose 90% Non-Fibrous
78	A-157/ Gray Vinyl; Brown Fib.	NAD	20% Cellulose 80% Non-Fibrous
79	A-158/ Brown Fib.	NAD	60% Cellulose 10% Fibrous Glass 30% Non-Fibrous
80	A-159/ White Powder; Tan Fib.	NAD	30% Cellulose 70% Non-Fibrous
81	A-160/ Gray Powder; Gray Fib.	55% Chrysotile 55% Total Asbestos	45% Non-Fibrous
82	A-161/ Gray Fib.	65% Chrysotile 65% Total Asbestos	20% Cellulose 15% Non-Fibrous
83A	A-162(a)-Tile I/ Tan Vinyl	NAD	100% Non-Fibrous
83B	A-162(b)-Tile II/ Black Vinyl	3% Chrysotile 3% Total Asbestos	97% Non-Fibrous
83C	A-162(c)-Mastic/ Brown Adhes.	NAD	3% Cellulose 97% Non-Fibrous

**ENVIRONMENTAL HAZARDS SERVICES, L.L.C.**

CLIENT NUMBER: 45-2081 D  
 EHS PROJECT #: 2006-12-0281  
 PROJECT: Encycle

EHS SAMPLE #	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
84A	A-163(a)-Tile/ Gray Vinyl	NAD	100% Non-Fibrous
84B	A-163(b)-Mastic/ Tan Adhes.; White Powder	NAD	2% Cellulose 98% Non-Fibrous
85	A-164/ Brown Fib.	NAD	60% Cellulose 10% Fibrous Glass 30% Non-Fibrous
86	A-165/ White/Black Fib.; White Powder	NAD	30% Cellulose 10% Synthetic 60% Non-Fibrous
87	A-166/ Brown Fib.	NAD	94% Fibrous Glass 6% Non-Fibrous
88A	A-167(a)-Tile/ Gray Vinyl	NAD	100% Non-Fibrous
88B	A-167(b)-Mastic/ Brown Adhes.	NAD	3% Cellulose 97% Non-Fibrous
89A	A-168(a)-Tile/ Brown Vinyl	NAD	100% Non-Fibrous
89B	A-168(b)-Mastic/ Tan Adhes.	NAD	10% Cellulose 90% Non-Fibrous
90	A-169/ Brown Fib.	NAD	60% Cellulose 10% Fibrous Glass 30% Non-Fibrous
91	A-170/ Black Tar-Like; Black Fib.	NAD	45% Cellulose 55% Non-Fibrous
92A	A-171(a)-Tile/ Brown Vinyl	NAD	100% Non-Fibrous
92B	A-171(b)-Mastic/ Brown Adhes.	NAD	2% Cellulose 98% Non-Fibrous
93A	A-172(a)-Tile/ Black Vinyl	NAD	100% Non-Fibrous
93B	A-172(b)-Mastic/ Tan Adhes.	NAD	4% Cellulose 96% Non-Fibrous

**ENVIRONMENTAL HAZARDS SERVICES, L.L.C.**

CLIENT NUMBER: 45-2081 D  
 EHS PROJECT #: 2006-12-0281  
 PROJECT: Encycle

EHS SAMPLE #	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
94	A-173/ Brown Fib.	NAD	60% Cellulose 10% Fibrous Glass 30% Non-Fibrous
95	A-174/ Yellow Fib.	NAD	96% Fibrous Glass 4% Non-Fibrous
96	A-175/ Brown Fib.	NAD	93% Cellulose 7% Non-Fibrous
97	A-176/ Brown Fib.	NAD	93% Cellulose 7% Non-Fibrous
98	A-177/ Brown Fib.	NAD	93% Cellulose 7% Non-Fibrous
99	A-178/ Black Tar-Like; Black Fib.	NAD	45% Cellulose 55% Non-Fibrous
100A	A-179(a)-Tile/ Tan Vinyl	5% Chrysotile 5% Total Asbestos	95% Non-Fibrous
100B	A-179(b)-Mastic/ Black Tar-Like	6% Chrysotile 6% Total Asbestos	3% Cellulose 91% Non-Fibrous
101A	A-180(a)-Tile/ Tan Vinyl	5% Chrysotile 5% Total Asbestos	95% Non-Fibrous
101B	A-180(b)-Mastic/ Black Tar-Like	6% Chrysotile 6% Total Asbestos	3% Cellulose 91% Non-Fibrous
102A	A-181(a)-Tile/ Tan Vinyl	5% Chrysotile 5% Total Asbestos	95% Non-Fibrous
102B	A-181(b)-Mastic/ Black Tar-Like	6% Chrysotile 6% Total Asbestos	3% Cellulose 91% Non-Fibrous
103	A-182/ Brown Fib.; Tan Powder	NAD	93% Cellulose 7% Non-Fibrous
104A	A-183(a)-Cove Base/ Tan Vinyl	NAD	100% Non-Fibrous
104B	A-183(b)-Mastic/ Tan Adhes.	NAD	3% Cellulose 97% Non-Fibrous
105A	A-184(a)-Cove Base/ Tan Vinyl	NAD	100% Non-Fibrous

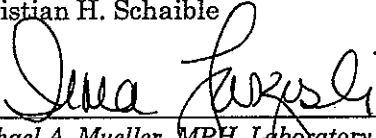
**ENVIRONMENTAL HAZARDS SERVICES, L.L.C.**

CLIENT NUMBER: 45-2081 D  
 EHS PROJECT #: 2006-12-0281  
 PROJECT: Encycle

EHS SAMPLE #	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
105B	A-184(b)-Mastic/ Tan Adhes.	NAD	3% Cellulose 97% Non-Fibrous
106A	A-185(a)-Cove Base/ Tan Vinyl	NAD	100% Non-Fibrous
106B	A-185(b)-Mastic/ Tan Adhes.	NAD	4% Cellulose 96% Non-Fibrous
107	A-186/ Red Brittle	11% Chrysotile 11% Total Asbestos	89% Non-Fibrous
108	A-187/ Red Brittle	11% Chrysotile 11% Total Asbestos	89% Non-Fibrous
109	A-188/ Red Brittle	11% Chrysotile 11% Total Asbestos	89% Non-Fibrous

QC SAMPLE: NIST REF  
 QC BLANK: SRM 1866 Fiberglass  
 REPORTING LIMIT: 1% Asbestos  
 METHOD: Polarized Light Microscopy, EPA Method 600/R-93/116 \*  
 ANALYST: Christian H. Schaible

Reviewed By Authorized Signatory:

  
 Michael A. Mueller, MPH, Laboratory Director  
 Howard Varner, General Manager  
 Irma Faszewski, Quality Assurance Coordinator

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Environmental Hazards Services, L.L.C. California Certification #2319 NY ELAP #11714. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

\* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

LEGEND NAD = no asbestos detected  
 SCF = suspected ceramic fibers

plm1.dot/07MAR2006/REV2/ MR

**ARCADIS** EHS 2006-12-0281 - CHAIN-OF-CUSTODY RECORD

Project Number/Name: 100 PUM  
 Laboratory Task Ord: Encycle  
 Project Location: Corpus Christi, TX  
 Laboratory: Environmental Hazards Services  
 Project Manager: Ken Brandon  
 Sampler(s)/Affiliation: Ken Brandon / ARCADIS

ANALYSIS / METHOD / SIZE
<u>Asbestos (PM)</u>

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	Remarks	Total
A-80	S	11/29/06 8:10		Analyze all	1
A-81		8:20		Samples for	1
A-82		8:25		asbestos using PUM.	1
A-83		8:30			1
A-84		8:40			1
A-85		8:50			1
A-86		9:00			1
A-87		9:10			1
A-88		9:20			1
A-89		9:30		<del>SAMPLE CONDITION</del>	1
A-90		9:40		<del>capable</del>	1
A-91		9:50		<del>nonacceptable</del>	1
A-92		10:00			1
A-93		10:10			1
A-94		10:20			1
Total No. of Bottles/Containers					15

Sample Matrix: L = Liquid; S = Solid; A = Air

Relinquished by: [Signature] Organization: ARCADIS Date: 11/29/06 Time: PM

Received by: [Signature] Organization: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Relinquished by: [Signature] Organization: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received by: [Signature] Organization: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Seal Intact? Yes No N/A

Special Instructions/Remarks: Results to Ken Brandon, ARCADIS, Corpus Christi, TX (Fax 361-883-7565) (Phone 361-883-1353)  
5-day turnaround needed.

Delivery Method:  In Person  Common Carrier Fed Ex  Lab Courier  Other





**ENVIRONMENTAL HAZARDS SERVICES, L.L.C.**


7469 WHITE PINE ROAD - RICHMOND, VA 23237  
 804-275-4788 FAX 804-275-4907

**ASBESTOS POINT COUNT ANALYSIS SUMMARY**

**CLIENT:** ARCADIS Geraghty & Miller **DATE OF RECEIPT:** 07 Dec 2006  
 711 North Carancahua, Suite 1700 **DATE OF ANALYSIS:** 08 Dec 2006  
 Corpus Christi, TX 78475-1801 **DATE OF REPORT:** 09 Dec 2006

**CLIENT NUMBER:** 45-2081 D  
**EHS PROJECT #:** 2006-12-0907  
**PROJECT:** Encycle; EHS #2006-12-0281

<b>EHS SAMPLE#</b>	<b>CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION</b>	<b>% ASBESTOS</b>
01	A162B/ Black Vinyl	1.75% Chrysotile

**REPORTING LIMIT:** 0.25% Asbestos  
**METHOD:** Polarized Light Microscopy, EPA Method 600/R-93/116  
**ANALYST:** Christian H. Schaible  
**Reviewed By Authorized Signatory:**   
 Michael A. Mueller, MPH, Laboratory Director  
 Howard Varner, General Manager  
 Irma Faszewski, Quality Assurance Coordinator

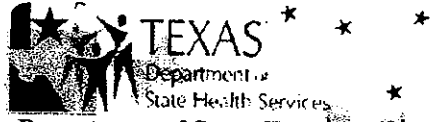
The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full without the written consent of Environmental Hazards Services, L.L.C. California Certification #2319 NY ELAP #11714

**LEGEND** NAD = no asbestos detected



**ATTACHMENT 3**

**Texas Department of State Health Services  
Licenses**

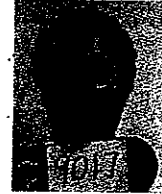


Control No:  
92228

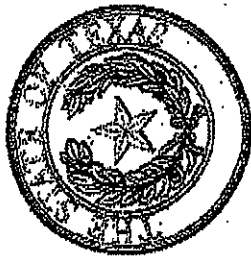
Department of State Health Services certifies that:

**KENNETH J BRANDNER**

is licensed as an:  
Individual Asbestos Management  
Planner



License Number: 205050  
From: 03/31/2006  
To: 03/30/2008



TEXAS DEPARTMENT OF STATE HEALTH SERVICES

Be it known that

ENVIRONMENTAL HAZARDS SERVICES LLC

is certified to perform as a

Asbestos Laboratory  
PLM, PCM

in the State of Texas within the purview of Texas Occupations Code, chapter 1954,  
so long as this license is not suspended or revoked and is renewed according to the  
rules adopted by the Texas Board of Health.

*Eduardo J. Sanchez*

Eduardo J. Sanchez, M.D., M.P.H.  
Commissioner of Health

License Number: 300188

Effective Date: 2/8/2006

Expiration Date: 2/7/2008

(Void After Expiration Date)

VOID IF ALTERED

Control Number: 91453

NON-TRANSFERABLE