ENVIRONMENTAL RESOLUTIONS, INC.

REPORT
ASBESTOS BUILDING INSPECTION

at

Former Unocal Service Station 1871
96 MacArthur Boulevard
Oakland, California

ERI Job No. 227026.R01

Report prepared for:

Tosco Marketing Company
2000 Crow Canyon Place, Suite 400
San Ramon, California 94583

by

Environmental Resolutions, Inc.

Glenn L. Matteucci
A.H.E.R.A. 10989

Dave A. Klemme
Certified Asbestos Consultant 97-2274

January 30, 1998

74 Digital Drive, Suite 6, Novato, California 94949 415-382-9105 (FAX 415-382-1856)
Lake Forest • Novato • Seattle

ASBESTOS BUILDING INSPECTION
at
Former Unocal Service Station 1871
96 MacArthur Boulevard @ Harrison
~~Santa~~ Clara, California
Oakland

For Tosco Marketing Company

INTRODUCTION

Tosco Marketing Company (Tosco) retained Environmental Resolutions, Inc. (ERI) to perform a site assessment related to asbestos at former Unocal Service Station 1871 located at 96 MacArthur Boulevard, Oakland, California prior to demolition. The purpose of the survey was to identify and sample suspect construction materials to determine the presence or absence of asbestos. The site is located at the intersection of MacArthur Boulevard and Harrison Street (Plate 1). in Oakland CA

SUMMARY AND SCOPE OF WORK

ERI performed the following environmental services as part of the asbestos survey:

- Performed a walk-through of all accessible areas of the structure to identify functional spaces, define homogeneous areas, and identify the location and extent of suspect materials.
- Collected bulk samples of suspect materials in accordance with the protocols set forth under the Asbestos Hazard Emergency Response Act (AHERA) in 40 CFR 763 and submitted samples for analysis by Polarized Light Microscopy (PLM).
- Provided a single line sketch indicating sample locations.
- Prepared this written report presenting the protocols, findings, recommendations, and supporting documentation.

BUILDING INSPECTION

On January 15 and 22, 1998, ERI inspected the site for asbestos. The station was closed at that time. Six functional spaces (FS) were identified. FS1 through FS4 were rooms within the station building. These rooms include the cashier's office (FS1), restrooms and entrance (FS2), manager's office (FS3), and service bay (FS4). FS5 and FS6 consisted of the building exterior and pump island canopy, respectively. The station building (FS1 through FS5) is constructed of metal and cinderblock with concrete slab-on-grade floors and glass windows. The pump island canopy (FS6) is constructed of metal

and concrete. Interior finishes primarily consist of painted metal panels (FS1 through FS4) with ceramic floor tiles (FS1 through FS3) and ceramic wall tiles (FS2). The exterior of the station building (FS5) is covered with textured paint. The roofing materials consist of metal panels and supports with a mastic/tar sealant coating select roof seams and vents (FS5).

SURVEY PROTOCOLS

Once functional spaces were assigned, homogeneous areas were determined. A summary of each functional space and corresponding homogeneous areas are attached (Attachment A). Bulk samples of suspect building materials were collected in accordance with the protocols set forth in the AHERA as codified in 40 CFR 763. Samples were collected using wet methods and other techniques to minimize the potential for releasing airborne asbestos fibers. Sample locations were sprayed with an encapsulant or otherwise repaired upon completion of sample collection to prevent the additional release of fibers. Sampling tools were cleaned between the collection of each sample with a wet, lint-free cloth to minimize the potential for cross-contamination. The samples were placed into sealable plastic bags and marked with an identification number.

A bulk sample log was prepared and accompanied the sample shipment to RJ LEE Group, Inc. located in San Leandro, California for analysis. The samples were analyzed by PLM in accordance with the Environmental Protection Agency (EPA) "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" (EPA 600/M4-82-020). The bulk sample log is attached (Attachment B).

The current industry standard for PLM analysis using visual area estimation techniques is to report the results as a percentage or range of percentages down to one percent. Samples in which asbestos is observed but is not present in quantities above one percent are reported as "positive, less than one percent" or "trace". Samples in which no asbestos is observed are reported as "negative" or "none detected". The EPA National Emission Standard for Hazardous Air Pollutants (NESHAP) for asbestos regulates materials containing more than one percent asbestos. The California Division of Occupational Safety and Health (Cal-OSHA) regulates construction materials containing more than one tenth of one percent of asbestos.

SURVEY RESULTS

Table 1 provides a summary of each functional space, the homogeneous areas (suspect building materials) that were sampled, and the detected or assumed presence of asbestos. Laboratory results are attached (Attachment B).

TABLE 1
HOMOGENEOUS AREA SAMPLE SUMMARY
Former Unocal Service Station 1871
96 MacArthur Boulevard
Oakland Berkeley, California

FS	Homogeneous Area/Sample#	Material	Percent Asbestos	Type of Asbestos	Est * Quantity
1	5-1	White caulking	ND	NA	NA
2	7-2	Gray putty	ND	NA	NA
2	8-3	White caulking	2%	Chrysotile	100 ln ft
3	5-4	White caulking	NA	NA	NA
3	6-5	Brown 12"x12" VAT with mastic	1%	Chrysotile	36 sq ft
3	6-6	Brown 12"x12" VAT with mastic	NA	NA	NA
3	6-7	Brown 12"x12" VAT with mastic	NA	NA	NA
4	NS	NA	NA	NA	NA
5	4-8	White textured paint	ND	NA	NA
5	4-9	White textured paint	ND	NA	NA
5	4-10	White textured paint	ND	NA	NA
5	7-11	Brown roof mastic	ND	NA	NA
5	7-12	Brown roof mastic	2%	Chrysotile	< 5 sq ft
5	7-13	Brown roof mastic	NA	NA	NA
6	NS	NA	NA	NA	NA

NS = Not Sampled ND = Not Detected NA = Not Applicable UK = Unknown
* Estimated quantities are not to be used for bid estimates.

ERI identified suspect asbestos-containing materials in the form of caulking, window putty, 12"x12" VAT with mastic, textured paints, and roof mastic. Bulk samples were collected of these materials and

analyzed using PLM. Asbestos in the form of chrysotile was detected at a concentration of 2% in the interior panel seam caulking, 1% in the 12"x12" VAT tiles and mastic, and 2% in the brown roofing mastic. The caulking is also present in the cashier's office and manager's office (total amount: approximately 300 ln ft). Asbestos was not detected in any of the remaining samples collected and analyzed. A single line sketch indicating the location of each sample is presented as Plate 1.

RECOMMENDATIONS

This section presents recommended response actions for each asbestos-containing material identified at former Unocal Service Station 1871. ERI develops a specific response action based upon the condition of the material, its potential for disturbance, and the activities being performed in the general vicinity of the material. The recommendations are based upon ERI's professional judgement in applying industry standards and the site condition existing at the time of the survey.

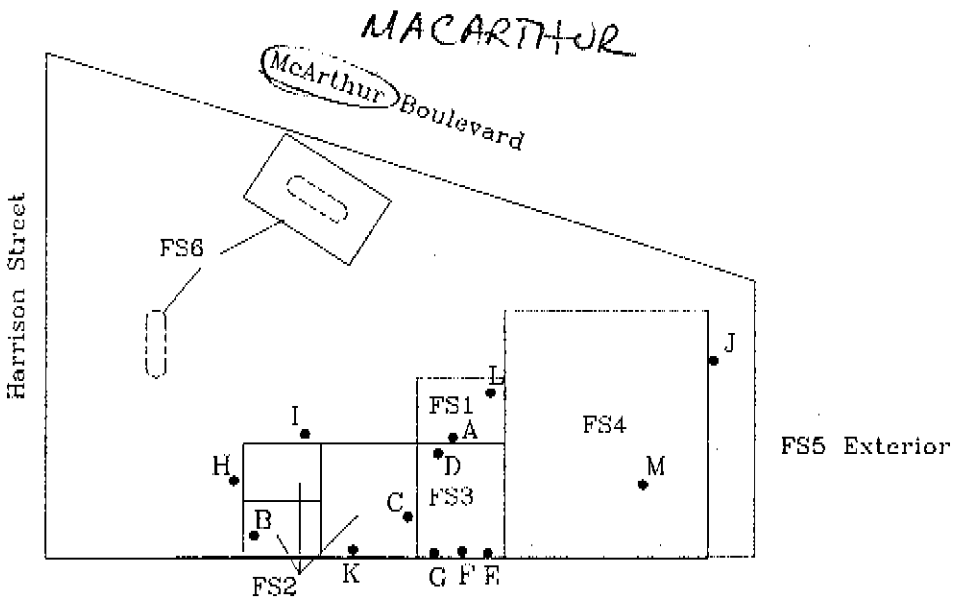
It is ERI's understanding that the station will be demolished. The roof mastic is a tar like substance that during demolition would not become friable when subjected to normal demolition operations. Therefore, the mastic need not be abated prior to demolition operations. ERI recommends that the mastic be kept wet during demolition to reduce the possibility of asbestos fibers being released into the air.

The interior white panel seam caulking (approximately 300 ln ft) and 12"x12" VAT tiles with mastic (approximately 36 sq ft) are nonfriable and in good condition at present. However, these materials may become friable during demolition activities. Therefore, these materials should be removed prior to demolition and all applicable safety procedures should be implemented. The local Air Quality Management District must be notified at least 10 working days prior to the start of demolition work.

LIMITATIONS

Reasonable effort was made to survey accessible suspect materials. Additional suspect but unsampled materials could be located between walls, in voids, or in other inaccessible areas; caution should be exercised regarding these areas.

This report was prepared in accordance with generally accepted standards of asbestos building inspections in California at the time this investigation was performed. This investigation was conducted solely for the purpose of evaluating the presence or absence of asbestos at the subject site. No other environmental implications are stated or should be inferred. The evaluation of the conditions at the site for the purpose of this investigation is made from a limited number of observation points. Conditions may vary away from the data points available. Additional work, including further investigation, can reduce the inherent uncertainties associated with this type of investigation.



A	1-5-1
B	2-7-2
C	2-8-3
D	3-5-4
E	3-6-5
F	3-6-6
G	3-6-7
H	5-4-8
I	5-4-9
J	5-4-10
K	5-7-11
L	5-7-12
M	5-7-13

APPROXIMATE SCALE

0 20 40 FEET

FN 22700002

EXPLANATION

M ● Sample Location

N arrow

ENVIRONMENTAL RESOLUTIONS, INC.

GENERALIZED SITE PLAN

Former Unocal Service Station 1871
96 MacArthur Boulevard
Oakland, California

PROJECT NO. 2270

PLATE 1

January 27, 1998

ATTACHMENT A

SUMMARY OF FUNCTIONAL SPACES AND HOMOGENEOUS AREAS

INSPECTION FORM 1

Project: 22702671B	Building UNOCAL SS# 1871 OAKLAND	Page 1 of 8
Functional Space No. FS1	Function: CASHIER'S OFFICE	Date: 11/22/98

Homogeneous Sampling Areas							
ID Number	Material Description	Material Category	Asbestos Content	Friability	AHERA Assessment Category (1-7,X, None)	Recorded location of material for each assessment category	Response actions taken/renovations/other comments
1	METAL	TSI Surf. (Misc.)	(Assumed) Yes (No)	F NF (X)		WALLS - CEILING - DOOR	
2	GLASS	TSI Surf. (Misc.)	(Assumed) Yes (No)	F NF (X)		WINDOWS	
3	BROWN CERAMIC FLOOR TILE + GROUT	TSI Surf. (Misc.)	(Assumed) Yes (No)	F NF (X)		FLOOR	
4	WHITE PAINT	TSI (Surf.) Misc.	(Assumed) Yes (No)	F NF (X)		METAL PIPE	
5	WHITE CEILING	TSI Surf. (Misc.)	(Assumed) (Yes) No	F (NF) X		CEILING SCRAPE	SEE SAMPLE 2-B-3 100 LF
		TSI Surf. Misc.	Assumed Yes No	F NF X			

Information abstracted by CLAUDIA L. MATTESICH

Friability: F = friable; NF = nonfriable, X = not appliable (material is non-ACBM)

AHERA assessment category: 1 = damaged or significantly damaged TSI ACBM; 2 = Damaged friable surfacing ACBM; 3 = Significantly damaged friable surfacing ACBM; 4 = Damaged or significantly damaged friable miscellaneous ACBM; 5 = ACBM with potential for damage; 6 = ACBM with potential for significant damage; 7 = any remaining friable ACBM or friable suspected ACBM; X = not applicable (material is non-ACBM or nonfriable surfacing or miscellaneous material); None = no assessment category provided in original inspection.

INSPECTION FORM 1

Project: 22R026TTB	Building UNOCAL SS # 1871 - OAKLAND	Page 2 of 8
Functional Space No. 2	Function: RESTROOMS ENTRANCE	Date: 1/22/98

Homogeneous Sampling Areas		Material Category	Asbestos Content	Friability	AHERA Assessment Category (1-7,X, None)	Recorded location of material for each assessment category	Response actions taken/renovations/other comments
ID Number	Material Description						
1	METAL	TSI Surf. (Misc.)	(Assumed) Yes (No)	F NF (X)		PIPES, CEILING, + DOOR	
2	GLASS	TSI Surf. (Misc.)	(Assumed) Yes (No)	F NF (X)		WINDOWS	
3	PORCELIN	TSI Surf. (Misc.)	(Assumed) Yes (No)	F NF (X)		FIXTURES	
4	4.25 x 4.25 BROWN CERAMIC TILE / GROUT	TSI Surf. (Misc.)	(Assumed) Yes (No)	F NF (X)		WALL TILE	
5	12x12 BROWN CERAMIC TILE / GROUT	TSI Surf. (Misc.)	(Assumed) Yes (No)	F NF (X)		FLOOR TILE	
6	WHITE PAINT	TSI (Surf.) Misc.	(Assumed) Yes (No)	F NF (X)		METAL PAINT	

Information abstracted by GLENN L. MATTEUCCI

Friability: F = friable; NF = nonfriable, X = not appliable (material is non-ACBM)

AHERA assessment category: 1 = damaged or significantly damaged TSI ACBM; 2 = Damaged friable surfacing ACBM; 3 = Significantly damaged friable surfacing ACBM; 4 = Damaged or significantly damaged friable miscellaneous ACBM; 5 = ACBM with potential for damage; 6 = ACBM with potential for significant damage; 7 = any remaining friable ACBM or friable suspected ACBM; X = not applicable (material is non-ACBM or nonfriable surfacing or miscellaneous material); None = no assessment category provided in original inspection.

INSPECTION FORM 1

Project: 2270267TB		Building: UNOCAL #1871 - OAKLAND					Page 3 of 8
Functional Space No. 2		Function: RESTROOMS / ENTRANCE					Date: 1/22/97
Homogeneous Sampling Areas		Material Category	Asbestos Content	Friability	AHERA Assessment Category (1-7,X, None)	Recorded location of material for each assessment category	Response actions taken/renovations/other comments
ID Number	Material Description						
7	WINDOW PUTTY	TSI Surf. (Misc.)	Assumed Yes (No)	F (NF) X		WINDOW SEAL	12 LN FT
8	WHITE CAULKING	TSI Surf. (Misc.)	Assumed (Yes) No	F (NF) X		ENTRANCE AREA PANEL SEAMS	#2-8-3 100 LN FT
		TSI Surf. Misc.	Assumed Yes No	F NF X			
		TSI Surf. Misc.	Assumed Yes No	F NF X			
		TSI Surf. Misc.	Assumed Yes No	F NF X			
		TSI Surf. Misc.	Assumed Yes No	F NF X			

Information abstracted by GLENN L. MATTEUCCI

Friability: F = friable; NF = nonfriable, X = not appliable (material is non-ACBM)

AHERA assessment category: 1 = damaged or significantly damaged TSI ACBM; 2 = Damaged friable surfacing ACBM; 3 = Significantly damaged friable surfacing ACBM; 4 = Damaged or significantly damaged friable miscellaneous ACBM; 5 = ACBM with potential for damage; 6 = ACBM with potential for significant damage; 7 = any remaining friable ACBM or friable suspected ACBM; X = not applicable (material is non-ACBM or nonfriable surfacing or miscellaneous material); None = no assessment category provided in original inspection.

INSPECTION FORM 1

Project: 227026T1B	Building UNOCAL 1871 - OAKLAND	Page 4 of 8
Functional Space No. FS3	Function: MANAGER'S OFFICE	Date: 1/22/98

Homogeneous Sampling Areas		Material Category	Asbestos Content	Friability	AHERA Assessment Category (1-7,X, None)	Recorded location of material for each assessment category	Response actions taken/renovations/other comments
ID Number	Material Description						
1	METAL	TSI Surf. (Misc.)	(Assumed) Yes (No)	F NF (X)		WALLS - CEILING	
2	12x12 CERAMIC FLOOR TILE/COVERING	TSI Surf. (Misc.)	(Assumed) Yes (No)	F NF (X)		FLOOR	
3	CINDER BLOCK	TSI Surf. (Misc.)	(Assumed) Yes (No)	F NF (X)		NORTH WALL	
4	WHITE PAINT	TSI (Surf.) Misc.	(Assumed) Yes (No)	F NF (X)		METAL PAINT	
5	WHITE CAULKING	TSI Surf. (Misc.)	(Assumed) Yes (No)	F (NF) X		PAINT SEAMS	# 2-8-3 90 LN FT
6	12"x12" BROWN VAT TILES & MASTIC	TSI Surf. (Misc.)	Assumed (Yes) No	F (NF) X		NORTH WALL	36 SQ FT.

Information abstracted by GLENN C. MATTEUCCI

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INSPECTION FORM 1

Project: 227026TIB	Building UNOCAL SS # 8571 - OAKLAND	Page 5 of 6
Functional Space No. 4	Function: SERVICE BAY	Date: 1/22/98

Homogeneous Sampling Areas		Material Category	Asbestos Content	Friability	AHERA Assessment Category (1-7,X, None)	Recorded location of material for each assessment category	Response actions taken/renovations/other comments
ID Number	Material Description						
1	METAL	TSI Surf. (Misc.)	(Assumed) Yes (No)	F NF (X)		DOORS WALLS - CEILING	
2	GLASS	TSI Surf. (Misc.)	(Assumed) Yes (No)	F NF (X)		WINDOWS	
3	CONCRETE	TSI Surf. (Misc.)	(Assumed) Yes (No)	F NF (X)		FOUNDATION	
4	WHITE PAINT	TSI (Surf.) Misc.	(Assumed) Yes (No)	F NF (X)		WALL / CEILING PAINT	
5	GRAY PAINT	TSI (Surf.) Misc.	(Assumed) Yes (No)	F NF (X)		LOWER WALL PAINT	
		TSI Surf. Misc.	Assumed Yes No	F NF X			

Information abstracted by CLYDE L. MATTESON

Friability: F = friable; NF = nonfriable, X = not appliable (material is non-ACBM)

AHERA assessment category: 1 = damaged or significantly damaged TSI ACBM; 2 = Damaged friable surfacing ACBM; 3 = Significantly damaged friable surfacing ACBM; 4 = Damaged or significantly damaged friable miscellaneous ACBM; 5 = ACBM with potential for damage; 6 = ACBM with potential for significant damage; 7 = any remaining friable ACBM or friable suspected ACBM; X = not applicable (material is non-ACBM or nonfriable surfacing or miscellaneous material); None = no assessment category provided in original inspection.

INSPECTION FORM 1

Project: 227026T13		Building: FORMER UNOCAL 1871 - OAKLAND					Page 6 of 8
Functional Space No. FS.5		Function: BUILDING EXTERIOR					Date: 11/15/98
Homogeneous Sampling Areas		Material Category	Asbestos Content	Friability	AHERA Assessment Category (1-7,X, None)	Recorded location of material for each assessment category	Response actions taken/renovations/other comments
ID Number	Material Description						
1	METAL	TSI Surf. (Misc.)	Assumed Yes (No)	F NF (X)		BUILDING EXTERIOR	
2	CONCRETE	TSI Surf. (Misc.)	Assumed Yes (No)	F NF (X)		FOUNDATION	
3	CINDER BLOCK	TSI Surf. (Misc.)	Assumed Yes (No)	F NF (X)		NORTH WALL	
4	WHITE TEXTURED PAINT	TSI (Surf.) Misc.	Assumed Yes (No)	F (NF) X		EXTERIOR PAINT	WALL
5	GLASS	TSI Surf. (Misc.)	Assumed Yes (No)	F NF (X)		WINDOWS	
6	WOOD	TSI Surf. (Misc.)	Assumed Yes (No)	F NF (X)		WINDOW SHIELDS	

Information abstracted by

Friability: F = friable; NF = nonfriable, X = not appliable (material is non-ACBM)

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INSPECTION FORM 1

Project: 227026T1B		Building: FORMER UNOCAL 1871 - OAKLAND					Page 7 of 8
Functional Space No. 5 cont.		Function: BUILDING EXTERIOR					Date: 1/22/98
Homogeneous Sampling Areas		Material Category	Asbestos Content	Friability	AHERA Assessment Category (1-7,X, None)	Recorded location of material for each assessment category	Response actions taken/renovations/other comments
ID Number	Material Description						
7	BROWN ROOF MASTIC TAR & PAINT	TSI Surf. (Misc.)	Assumed (Yes) No	F (NF) X			< 5 SQ FT #5-7-12
		TSI Surf. Misc.	Assumed Yes No	F NF X			
		TSI Surf. Misc.	Assumed Yes No	F NF X			
		TSI Surf. Misc.	Assumed Yes No	F NF X			
		TSI Surf. Misc.	Assumed Yes No	F NF X			
		TSI Surf. Misc.	Assumed Yes No	F NF X			

Information abstracted by GLENN C. MATTHEWS.

Friability: F = friable; NF = nonfriable, X = not appliable (material is non-ACBM)

AHERA assessment category: 1 = damaged or significantly damaged TSI ACBM; 2 = Damaged friable surfacing ACBM; 3 = Significantly damaged friable surfacing ACBM; 4 = Damaged or significantly damaged friable miscellaneous ACBM; 5 = ACBM with potential for damage; 6 = ACBM with potential for significant damage; 7 = any remaining friable ACBM or friable suspected ACBM; X = not applicable (material is non-ACBM or nonfriable surfacing or miscellaneous material); None = no assessment category provided in original inspection.

INSPECTION FORM 1

Project: 227026TIB	Building: FORMER UNION 76 SS# 1871	Page 8 of ___
Functional Space No. 6	Function: PUMP ISLAND CANOPY	Date: 1/15/97

Homogeneous Sampling Areas		Material Category	Asbestos Content	Friability	AHERA Assessment Category (1-7,X, None)	Recorded location of material for each assessment category	Response actions taken/renovations/other comments
ID Number	Material Description						
1	METAL	TSI Surf. ~~Misc.~~	Assumed Yes ~~No~~	F NF ~~X~~		STRUCTURE	
2	CONCRETE	TSI Surf. ~~Misc.~~	Assumed Yes ~~No~~	F NF ~~X~~		FOUNDATION	
3	WHITE PAINT	TSI ~~Surf.~~ Misc.	Assumed Yes ~~No~~	F NF ~~X~~		SURFACE PAINT	
4	BLACK ROOF MASTIC	TSI Surf. ~~Misc.~~	Assumed Yes No	F ~~NF~~ X		SEALED PANEL SEAMS	<5 SQ FT
		TSI Surf. Misc.	Assumed Yes No	F NF X			
		TSI Surf. Misc.	Assumed Yes No	F NF X			

Information abstracted by

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AHERA assessment category: 1 = damaged or significantly damaged TSI ACBM; 2 = Damaged friable surfacing ACBM; 3 = Significantly damaged friable surfacing ACBM; 4 = Damaged or significantly damaged friable miscellaneous ACBM; 5 = ACBM with potential for damage; 6 = ACBM with potential for significant damage; 7 = any remaining friable ACBM or friable suspected ACBM; X = not applicable (material is non-ACBM or nonfriable surfacing or miscellaneous material); None = no assessment category provided in original inspection.

ATTACHMENT B

LABORATORY RESULTS AND BULK SAMPLE LOG

RJ LeeGroup, Inc.

530 McCormick Street • San Leandro, CA 94710
(510) 567-0480 • FAX (510) 567-0488

January 26, 1998

Mr. Glenn Matteuci
Environmental Resolutions Inc.
74 Digital Drive, Suite 6
Novato, CA 94949

RE: PLM Standard Asbestos Analysis Results for Samples as Shown on Test Report
RJLeeGroup, Inc. Job No.: AOC801339
Client P.O./Job Number: 227026TIB
Client Job Name/Location: UN 1871

Dear Mr. Matteuci:

Enclosed are the results from the polarized light microscopy (PLM) asbestos analysis of the above referenced sample(s). Sample(s) were analyzed in accordance with guidelines set forth in the EPA Method for the Determination of Asbestos in Bulk Building Materials, EPA/600/R-93/116 (7/93 Edition).

Test Report lists each sample identification number, gross sample description, sample location, type(s) and concentration of asbestos, type(s) and concentration of nonasbestos fibers, major components and concentration of nonfibrous material (NFM), sample run date, analyst, sample homogeneity, and a layer breakdown if applicable. All concentrations are given in area percents (visual estimation).

RJ Lee Group, Inc. is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) (NVLAP Participant Number 1208-2) for bulk asbestos fiber analysis (PLM), and by the California Department of Health Services, Environmental Laboratory Accreditation Program (CAL.ELAP) for bulk asbestos analysis. Neither the NVLAP Accreditation of this laboratory nor this report may be used to claim product endorsement by NVLAP or any agency of the United States government.

These results are submitted pursuant to RJ Lee Group's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the sample(s) covered by this report, RJ Lee Group will store the sample(s) for a period of ninety (90) days before discarding. A shipping and handling fee will be assessed for the return of any sample(s).

If you have any questions on this report or if RJ Lee Group, Inc. can be of further assistance, please do not hesitate to call.

Sincerely,

Stephen S. Yata
Geologist

SSY/sb
Enclosure

Test Report - Environmental R

Polarized Light Analysis Res

Project AOC801339

Post-it® brand fax transmittal memo 7671 | # of pages ▸

To	GLENN MATTUCI	From	SCOSHA
Co.	EARTH TECH	Co.	RJ LEE
Dept.		Phone #	
Fax #	(415) 382-1857	Fax #	

Sample Number / Sample Appearance	Client Sample Number	Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite	Cellulose	Wool	Glass	Fibers	Fibers	Material	Analyst
1662051CPL	1-5-1	-	-	-	-	-	-	<1 %	-	-	-	-	99+ %	1/26/98
Off white caulking						NFM: Qtz, Carb, Binder, Opaq, Misc. Part.								SJY
													Homogeneous	
1662052CPL	2-2-1	-	-	-	-	-	-	<1 %	-	-	-	-	99+ %	1/26/98
Grey window putty						NFM: Qtz, Carb, Binder, Opaq, Misc. Part.								SJY
													Homogeneous	
1662053CPL	2-3-1	2 %	-	-	-	-	-	<1 %	-	-	-	-	98 %	1/26/98
White caulking						NFM: Qtz, Carb, Binder, Opaq, Misc. Part.								SJY
													Homogeneous	
1662054CPL	3-5-4													
Sample Location	Sample Not Analyzed													
1662055CPL	3-6-5	1 %	-	-	-	-	-	<1 %	-	-	-	-	99 %	1/26/98
Brown VAT with yellow mastic, white compound						NFM: Qtz, Carb, Binder, Opaq, Misc. Part.								SJY
Layer Content	VAT: 1% Chrysotile; Other Layers: None Detected												Non Homogeneous	
1662056CPL	3-6-5													
Sample Location	Sample Not Analyzed													

Samples received on: Monday, January 26, 1998

Authorized Signature: S. Yata

Stephen S. Yata, Geologis

Date: Thursday, January 29, 199

RJ Lee Group, Inc.
Bay Area Lab

530 McCormick Street
San Leandro, CA 94577

Phone (510) 567-0480
Fax (510) 567-0488

Test Report - Environmental Resolutions Inc.

Polarized Light Analysis Results

Project AOC801339

Sample Number / Sample Appearance	Client Sample Number	Asbestos: Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite	Cellulose	Nonasbestos: Mineral Wool	Fibrous Glass	Synthetic Fibers	Other Fibers	Non-Fibrous Material	Run Date / Analyst
1662057CPL	3-6-7													
Sample Location	Sample Not Analyzed													
1662058CPL White paint	5-4-8	-	-	-	-	-	-	5 %	-	-	-	-	95 %	1/26/98 SSY
						NFM: Qtz, Carb, Binder, Opaq, Misc. Part.								Homogeneous
1662059CPL White paint	5-4-9	-	-	-	-	-	-	2 %	-	-	-	-	98 %	1/26/98 SSY
						NFM: Qtz, Carb, Binder, Ver, Opaq, Misc. Part.								Homogeneous
1662060CPL White paint	5-4-10	-	-	-	-	-	-	2 %	-	-	-	-	98 %	1/26/98 SSY
						NFM: Qtz, Carb, Binder, Opaq, Misc. Part.								Homogeneous
1662061CPL Brown roofing mastic with silver paint	5-7-11	-	-	-	-	-	-	3 %	-	-	-	-	97 %	1/26/98 SSY
						NFM: Qtz, Tar, Carb, Binder, Opaq, Misc. Part.								Non Homogeneous
1662062CPL Brown roofing mastic/tar (can't seperate) with silver paint	5-7-12	2 %	-	-	-	-	-	3 %	-	-	-	-	95 %	1/26/98 SSY
						NFM: Qtz, Tar, Carb, Binder, Opaq, Misc. Part.								Non Homogeneous
Layer Content:	Roofing Mastic: 2% Chrysotile; Paint: None Detected													

Samples received on: Monday, January 26, 1998

Authorized Signature

Stephen J. Yata, Geologist

Date Monday, January 26, 1998

RJ Lee Group, Inc.
Bay Area Lab

530 McCormick Street
San Leandro, CA 94577

Phone (510) 567-0480
Fax (510) 567-0488

Test Report - Environmental Resolutions Inc.

Polarized Light Analysis Results

Project AOC801339

Sample Number / Sample Appearance	Client Sample Number	Asbestos: Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite	Cellulose	Nonasbestos: Mineral Wool	Fibrous Glass	Synthetic Fibers	Other Fibers	NonFibrous Material	Run Date Analyst
1662063CPL	5-7-13													

Sample Location Sample Not Analyzed

Samples received on: Monday, January 26, 1998

Authorized Signature _____

Stephen S. Yata, Geologist

Date Monday, January 26, 1998

RJ Lee Group, Inc.
Bay Area Lab
530 McCormick Street
San Leandro, CA 94577
Phone (510) 567-0480
Fax (510) 567-0488

AOC801339

RJ Lee Group, Inc. Sample Transmittal Form

Page 1 of 3

Company: ENVIRONMENTAL RESOLUTIONS INC
Address: 74 DIGITAL DR. SUITE 6
NOVATO, CA 94949
Attn: GLENN L. MATTEUCCI
Phone: (415) 382-5777 Fax: 382-1850
Special Instructions: SEE ATTACHED

Analysis Type	Turn Around Time
PLM	☐ 8 Hours
BULK	☐ 24 Hours
	☒ 72 Hours
	☐ 3-5 Days
	☐ Other:

P.O. No.: 227026TIB Job No.: 227026TIB
Project Name/Location: UN 1871
Sampled By: GLENN L. MATTEUCCI Date: 1/22/98

Date:	Description:
1/22/98	CAULKING
Sample Number:	Location:
1-5-1	CASHIERS OFFICE
Date:	Description:
1/22/98	GRAY WINDOW PUTTY
Sample Number:	Location:
2-7-2	RESTROOM
Date:	Description:
1/22/98	WHITE CAULKING
Sample Number:	Location:
2-8-3	ENTRANCE
Date:	Description:
1/22/98	WHITE CAULKING
Sample Number:	Location:
3-5-4	OFFICE
Date:	Description:
1/22/98	LINOLEUM & MASTIC
Sample Number:	Location:
3-6-5	OFFICE
Date:	Description:
1/22/98	LINOLEUM & MASTIC
Sample Number:	Location:
3-6-6	OFFICE
Date:	Description:
1/22/98	LINOLEUM & MASTIC
Sample Number:	Location:
3-6-7	OFFICE
Date:	Description:
1/15/98	WHITE TEXTURED PAINT
Sample Number:	Location:
5-4-8	EXTERIOR WALL

Chain of Custody:

Date:	Time:	Relinquished By:	Company:	Recieved By:	Company:
1/16/98	09:00	[signature]	ERL	[signature]	RJLG

Samples Accepted: ☐ Yes ☐ No
Reason Rejected:

RJ Lee *Group*, Inc. Sample Transmittal Form

Company: Environmental Resolution Inc
Address: 74 Digital Dr, Suite 6
Novato, Ca 94949
Attn: Eugene C. Matteucci
Phone: (415) 382-6724 Fax: (415) 382-5544

Special Instructions: See Attached

Analysis Type	Turn Around Time
PLM BULK	☐ 8 Hours ☐ 24 Hours ☒ 72 Hours ☐ 3-5 Days ☐ Other:

P.O. No.: 222026 TIB Job No.: 222026 TIB
Project Name/Location: Oil 1871
Sampled By: Eugene C. Matteucci Date: 1/15/98

Date:	Description:
1/15/98	White Textured Paint
Sample Number: 5-4-9	**Location:** Exterior
1/15/98	White Textured Paint
5-4-10	Exterior
1/15/98	Roof Mastic
5-7-11	Exterior
[illegible]	[illegible]
[illegible]	[illegible]
1/15/98	Roof Mastic
5-7-12	Exterior
1/15/98	Roof Mastic
5-7-13	Exterior

Chain of Custody:

Date:	Time:	Relinquished By:	Company:	Recieved By:	Company:
1/15/98		[signature]	ERT	[signature] 1/26/98 09:00	RJ Lee

Samples Accepted: ☐ Yes ☐ No
Reason Rejected:

ENVIRONMENTAL RESOLUTIONS INC.
UD # 18771

SAMPLE #'S

1-5-1
2-8-3
3-5-4 } ANALYZE UNTIL > 1% ASB DETECTED

3-6-5
3-6-6
3-6-7 } "

5-4-8
5-4-9
5-4-10 }

5-7-11
5-7-12
5-7-13 }