



RECEIVED

4:41 pm, Feb 01, 2011

Alameda County
Environmental Health

January 24, 2011

Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Re: Ambassador Laundry, 3623 Adeline Street, Emeryville, California,
Fuel Leak Case No. RO0002973, Geotracker Global ID T0619717287
Soil and Groundwater Management Plan

Dear Alameda County Environmental Health:

Resources for Community Development (RCD), in partnership with the City of Emeryville Redevelopment Agency, are proposing to newly construct 69 multifamily rental homes for low-income families and individuals with special needs. The Ambassador will provide high quality, affordable studios, one, two and three bedroom homes for families and individuals with annual incomes between \$19,000 and \$52,000. The development will also offer numerous amenities to residents including on site resident support services, youth afterschool and summer programming, a main lounge, youth activity rooms, a community garden and a playground.

The Soil and Groundwater Management Plan dated January 6, 2011, was prepared by our consultant, Fugro West, Inc. ("Fugro"), who we believe to be experienced and qualified to advise us in a technical area that requires a high degree of professional expertise. Therefore we have relied upon Fugro's assistance, knowledge and expertise in their preparation of the attached Management Plan. I am unaware of any material inaccuracy in the information in the report or of any violation of government guidelines that are applicable to the Management Plan. Accordingly, I am not aware of any reason to question the conclusions and recommendations contained in the Management Plan.

This letter is submitted pursuant to the requirements of California Water Code Section 13267 (b)(1). I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge.

Sincerely,

Deni Adaniya
Associate Director of Housing

February 26, 2010
Project No. 790.026

Resources for Community Development
2730 Telegraph Avenue
Berkeley, California 94705

Attention: Ms. Deni Adaniya

Subject: Results of Surficial Soil Sampling, Ambassador Housing, 1168 36th Street,
Emeryville, California

Dear Ms. Adaniya:

Fugro West Inc. (Fugro) is pleased to submit this letter summarizing the results of recent surficial soil sampling activities conducted at the Ambassador Housing Project, located at 1168 36th Street in Emeryville, California (Site). The purpose of this work is to evaluate the potential presence of asbestos and lead in surficial soil at the Site resulting from the previous demolition of onsite structures. A Vicinity Map and Site Plan are presented on Plates 1 and 2.

BACKGROUND

The Site encompasses approximately 0.9-acres of land bounded by residential buildings to the north, Adeline Street to the east, 36th Street to the south, and Peralta Street to the west. Two residential structures are also located along the eastern boundary and are not considered part of the Site.

Past uses of the Site included an industrial laundry facility (initially known as the New Method Laundry, and later as the Ambassador Laundry), which occupied the majority of the Site between 1910 and the 1980s, and may have stored and handled regulated substances, such as solvents, spot removers, and other unknown products. In the mid 1980s the land use at the Site changed and became a multi-tenant, mixed residential/commercial land-use area. Businesses operating at the Site included a spa assembly, a commercial sign company, art studios, a bronze art foundry, a metal contractor, vehicle maintenance, and other commercial uses. It appears that all of the buildings formerly located on the Site were demolished and removed by the end of 2005.

Fugro prepared a Phase I Environmental Site Assessment (ESA) Report for the Site, dated October 2009. Information obtained during the investigation indicate that two former underground storage tanks (USTs, 8,000 gallon gasoline and 2,500 gallon heating oil) were removed from the Site in 1994 and 1995, respectively. Alameda County Environmental Health Department (ACEH) granted case closure of the two tanks in 1995 and 1997, respectively.

In 1999, a sump identified in a former mechanical room of one of the now demolished buildings was cleaned, and in 2005 a second sump, observed during building demolition, was





removed. At that time, a third UST (diesel) was discovered, and was removed from the Site in October 2007.

Due to the environmental concerns associated with the former laundry operations, several environmental investigations have been conducted by others dating back to 1994, including the installation and monitoring of six (6) groundwater monitoring wells. The third of three groundwater monitoring events was completed in October 2009. During the third groundwater monitoring event, depth to water was measured at a depth of 9.07 to 11.40 feet below ground surface (bgs). The general groundwater flow direction is toward the west/southwest. In the most recent monitoring report, the City's consultant concluded that the source of detected petroleum hydrocarbons has been removed, and the impacts to groundwater are low and undergoing natural biodegradation. Accordingly, closure of the open LUST case was recommended. ACHSCA is currently reviewing the City's request for case closure.

SAMPLING ACTIVITIES

Field activities were conducted on February 10, 2010 by Fugro personnel using standard industry practices regarding worker health and safety, sample collection, and documentation. Surficial soil samples were collected from the upper six (6) inches of soil at the Site, and were retained in stainless steel tubes, sealed with Teflon[®] sheeting and plastic end-caps, and 9-ounce glass jars. Samples were stored in an ice-chilled cooler pending delivery to the analytical laboratory. All samples were delivered under appropriate chain-of-custody documentation to Curtis and Tompkins, Ltd., a state-certified analytical laboratory, for chemical analyses.

A total of ten (10) soil samples, S-1 through S-10, were submitted to the analytical laboratory and analyzed for the following:

- Asbestos using CARB 435 Method, and
- Total Lead using EPA Method 6010b.

In general, surficial soil conditions in the upper six (6) inches varied across the Site and consisted of brown lean clay, silty clay with gravel, and sandy clay with gravel. Debris comprising fragments of brick, glass, and/or plastic was found at some of the sample locations. During our field reconnaissance, one sealed 55-gallon drum was observed near one of the columns of the existing billboard structure.

Previous geotechnical investigations at the Site did not include evaluation of soil corrosion potential; therefore, two bulk soil samples were also collected from the Site. The two bulk soil samples were obtained from the surface and from a depth of approximately eleven (11) feet below ground surface utilizing hand-auger sampling methods. The two soil samples were submitted to a specialty laboratory for corrosion testing. Results, conclusions, and recommendations of our limited corrosion testing will be submitted to RCD in a separate memorandum upon receipt of the testing results.



RESULTS OF ANALYSES

Results of chemical analysis on the surficial soil samples are summarized in Table 1 and were compared to California Human Health Screening Levels (CHHSLs) for residential land use and the Regional Water Quality Control Board's (RWQCB) Environmental Screening Levels (ESLs) for residential land use and construction worker direct exposure scenarios.

Analyses detected no asbestos in any of the ten samples analyzed. Analyses detected lead in all ten samples analyzed at concentrations ranging from 25 milligrams per kilogram (mg/kg) to 370 mg/kg. All detected lead concentrations were below the ESL for a construction worker direct exposure scenario of 750 mg/kg. Based on the current conceptual design, construction for a subterranean garage will remove the upper 5.0 to 13 feet of soil in the central portion of the Site. This excavation will remove soil represented by Samples S-3 (200 mg/kg), S-5 (370 mg/kg), and S-8 (240 mg/kg). We also understand that a small park area is planned for the vicinity of S-9 (240 mg/kg). The remainder of the Site will be almost entirely hardscaped.

CONCLUSIONS AND RECOMMENDATIONS

Fugro recommends removing the upper 2.0 feet of soil from the proposed park area where analyses detected 240 mg/kg of total lead at S-9. A confirmation sample from the surface of the proposed park should be collected to confirm that lead concentrations at the park surface are less than the residential CHHSL of 80 mg/kg. Based on our understanding of the proposed and recommended excavation activities, the highest residual lead concentrations in surface soil is 130 mg/kg (S-4). Furthermore, the Site will be predominantly hardscaped. Accordingly, total lead concentrations in surface soil will not pose a significant health risk to construction workers or residents at the proposed development.

Because lead concentrations in surface soil exceed residential ESL criteria, and because residual hydrocarbons may be present in soil and groundwater at the Site, Fugro recommends preparing a site-specific Soil and Groundwater Management Plan (SGMP) for the project. The SGMP should address proper site control; dust control measures; soil and groundwater handling, soil disposal activities; and construction worker health and safety when handling potentially contaminated soil and/or groundwater. Copies of this letter report should be provided to the contractor performing construction at the Site.

Based on results of analyses and our experience at similar sites with similar conditions, soil excavated and removed from the Site will most likely be considered a non-hazardous waste and will be suitable for disposal at a Class II or Class III landfill subject to their permit requirements. However, additional testing may be required by the receiving landfill to confirm that soluble lead concentrations do not exceed Soluble Threshold Limit Concentrations (STLC).

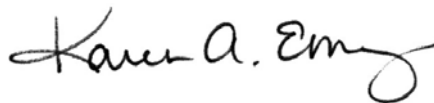
If staining, chemical odors, underground storage tanks (USTs), or other signs of contamination and/or contaminated material are encountered during construction, the contractor should notify Resources for Community Development of those conditions and appropriate precautions, investigation, and/or mitigation should be implemented.

CLOSING STATEMENT

We appreciate the opportunity to be of continued service to Resources for Community Development. If you should have any questions or require additional information, please feel free to contact the undersigned at (510) 268-0461.

Sincerely,

FUGRO WEST, INC.



Karen A. Emery
Project Geologist



Glenn S. Young, P.G., LEED AP
Principal Geologist



KAE/GSY:ke

Copies Submitted: (1 Hardcopy and PDF) Addressee

Attachments: Plate 1 – Vicinity Map
Plate 2 – Site Plan
Table 1 – Summary of Analytical Data – Surficial Soil

Appendix A – Laboratory Analytical Report

TABLE



Table 1
Summary of Analytical Data - Surficial Soil
Ambassador Housing
Emeryville, California

Analyte	Description	Sample ID										Environmental Screening Levels		
		Hardscaped Area	Hardscaped Area	Below Grade Parking	Hardscaped Area	Below Grade Parking	Hardscaped Area	Hardscaped Area	Below Grade Parking	Park Area	Hardscaped Area	CHHSLs Residential Land Use	ESLs Residential Land Use*	ESLs Construction Worker**
	Units	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10			
Date		2/10/2010	2/10/2010	2/10/2010	2/10/2010	2/10/2010	2/10/2010	2/10/2010	2/10/2010	2/10/2010	2/10/2010			
Total Lead	mg/kg	40	25	200	130	370	35	41	240	240	99	80	200	750
Asbestos	% Asbestos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	NE	NE

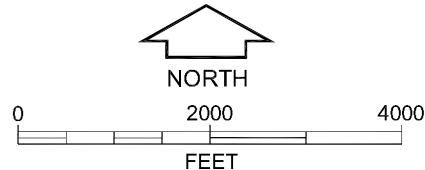
Notes
mg/kg = milligrams per kilogram
ND = None Detected
NE = Not established
CHHSLs = Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties, January 2005, Revised for Lead September 2009
ESLs = Environmental Screening Levels - RWQCB Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater. Interim Final - November 2007, Revised May 2008
* = Table A, Shallow Soils
** = Table K-3, Direct Exposure Soil Screening Levels, Construction/Trench Worker Exposure Scenario

PLATES

G:\jobdocs\790\790.026\Drawings\A790.026-01.dwg 2-15-10 03:22:35 PM odcCAD

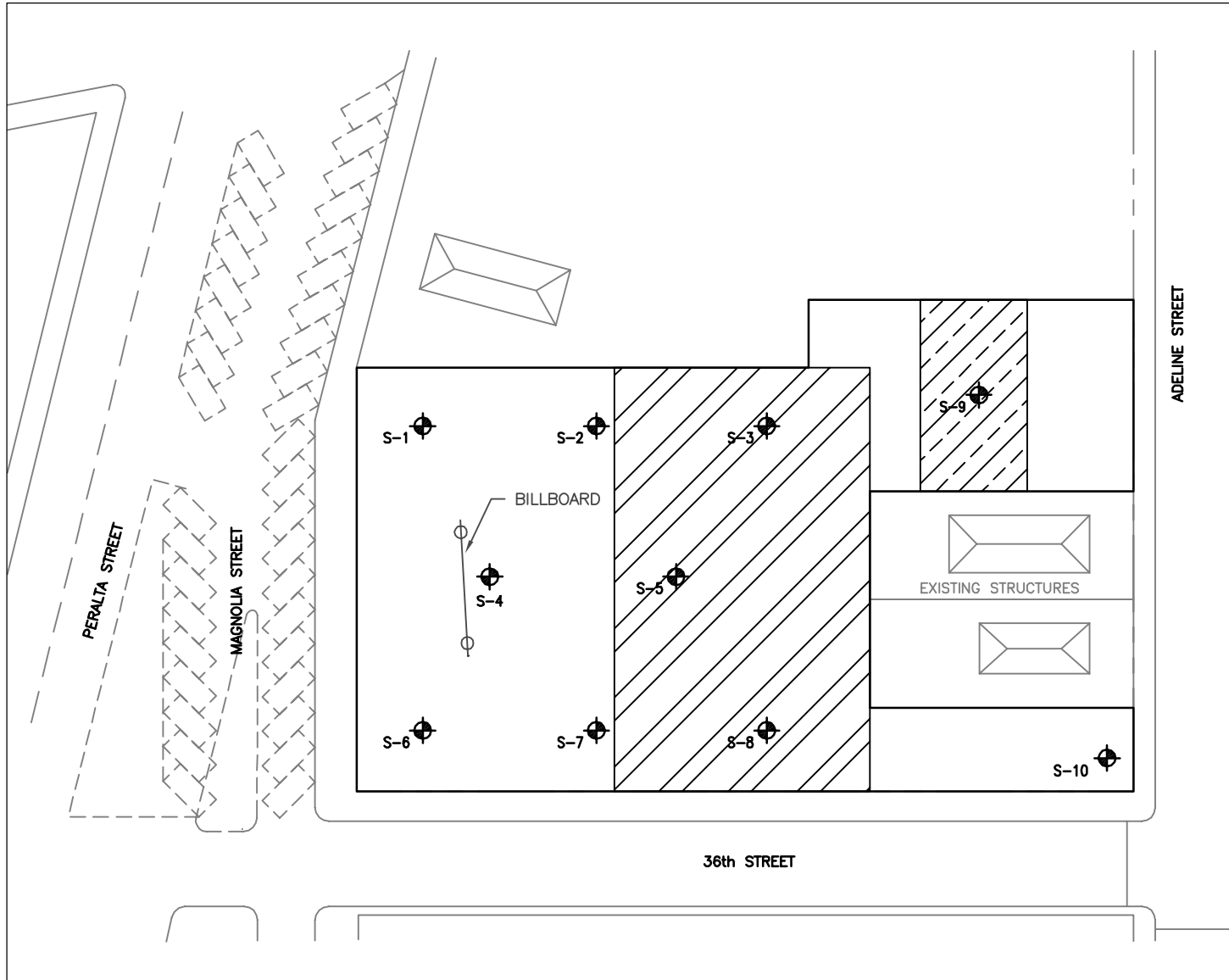


SOURCE: This aerial photo was obtained from Google Earth Pro dated July 2009.



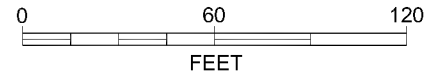
VICINITY MAP
Ambassador Housing 1168 36th Street
Emeryville, California

c:\jobdocs\790\790.026\Drawings\A790.026_03.dwg 2-26-10 08:26:16 AM oakCAD



LEGEND

- S-2 APPROXIMATE LOCATION OF SURFACE SAMPLE
- SITE BOUNDARY
- PARK AREA
- BELOW GRADE PARKING AREA



SOURCE: Base Map provided by Resources for Community Development for our 2003 Geotechnical Report

SITE PLAN
Ambassador Housing
Emeryville, California

APPENDIX A
LABORATORY ANALYTICAL REPORT



Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878





Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

**Laboratory Job Number 218251
ANALYTICAL REPORT**

Fugro West Inc.
1000 Broadway
Oakland, CA 94607

Project : 790.026
Location : 36th & Peralta
Level : II

<u>Sample ID</u>	<u>Lab ID</u>
S-1	218251-001
S-2	218251-002
S-3	218251-003
S-4	218251-004
S-5	218251-005
S-6	218251-006
S-7	218251-007
S-8	218251-008
S-9	218251-009
S-10	218251-010

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: 
Project Manager

Date: 02/18/2010

NELAP # 01107CA

CASE NARRATIVE

Laboratory number: 218251
Client: Fugro West Inc.
Project: 790.026
Location: 36th & Peralta
Request Date: 02/10/10
Samples Received: 02/10/10

This data package contains sample and QC results for ten soil samples, requested for the above referenced project on 02/10/10. The samples were received cold and intact.

Metals (EPA 6010B):

No analytical problems were encountered.

CARB 435 Asbestos (CARB 435):

Forensic Analytical in Hayward, CA performed the analysis (not NELAP certified). Please see the Forensic Analytical case narrative.

218251

ES-F10 CHAIN OF CUSTODY

PROJECT NAME: 36th + PERALTA

PROJECT NO.: 790.026

PROJECT CONTACT: KAREN EMERY

SAMPLED BY: RUSSELL CARTER

LAB: CURTIS E. TOMPKINS

TURNAROUND: 5 DAY


PAGE OF

ANALYSIS REQUESTED

LABORATORY I.D. NUMBER	FIELD SAMPLE I.D.	MATRIX			CONTAINERS					PRESERVATIVE					SAMPLING DATE				Quantity	Pb	Asbestos CARB 435				
		WATER	SOIL	AIR	VOA	LITER	PINT	TUBE	Jar	HCL	H ₂ SO ₄	HNO ₃	ICE	OTHER	NONE	MONTH	DAY	YEAR				TIME			
1	S-1		X				X	N Jar				X				0	2	10	10	11	12	5	X	X	
2	S-2		X				X																		
3	S-3		X				X																		
4	S-4		X				X																		
5	S-5		X				X																		
6	S-6		X				X																		
7	S-7		X				X																		
8	S-8		X				X																		
9	S-9		X				X																		
10	S-10		X				X	Jar								0	2	10	10	10	13		X	X	

CHAIN OF CUSTODY RECORD			
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
<i>[Signature]</i>	2/19/10 1635	<i>[Signature]</i>	2/19/10 1635
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME

COMMENTS & NOTES:



FUGRO WEST, INC.
 1000 Broadway, Suite 440
 Oakland, California 94607
 Tel: 510.268.0461 Fax: 510.268.0545

intact cold RL

COOLER RECEIPT CHECKLIST



Curtis & Tompkins, Ltd.

Login # 218251 Date Received 2/10/10 Number of coolers 1
 Client FUGRO Project 36TH & PERALTA
 Date Opened 2/10/10 By (print) M. VILLANUBA (sign) [Signature]
 Date Logged in [Signature] By (print) [Signature] (sign) [Signature]

1. Did cooler come with a shipping slip (airbill, etc) _____ YES NO
 Shipping info _____

2A. Were custody seals present? ... YES (circle) on cooler on samples NO
 How many _____ Name _____ Date _____

2B. Were custody seals intact upon arrival? _____ YES NO N/A

3. Were custody papers dry and intact when received? _____ YES NO

4. Were custody papers filled out properly (ink, signed, etc)? _____ YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form) _____ YES NO

6. Indicate the packing in cooler: (if other, describe) _____

- Bubble Wrap Foam blocks Bags None
- Cloth material Cardboard Styrofoam Paper towels

7. Temperature documentation:
 Type of ice used: Wet Blue/Gel None Temp(°C) _____

- Samples Received on ice & cold without a temperature blank
- Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? _____ YES NO
 If YES, what time were they transferred to freezer? _____

9. Did all bottles arrive unbroken/unopened? _____ YES NO

10. Are samples in the appropriate containers for indicated tests? _____ YES NO

11. Are sample labels present, in good condition and complete? _____ YES NO

12. Do the sample labels agree with custody papers? _____ YES NO

13. Was sufficient amount of sample sent for tests requested? _____ YES NO

14. Are the samples appropriately preserved? _____ YES NO N/A

15. Are bubbles > 6mm absent in VOA samples? _____ YES NO N/A

16. Was the client contacted concerning this sample delivery? _____ YES NO
 If YES, Who was called? _____ By _____ Date: _____

COMMENTS

Lead			
Lab #:	218251	Location:	36th & Peralta
Client:	Fugro West Inc.	Prep:	EPA 3050B
Project#:	790.026	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	159997
Matrix:	Soil	Sampled:	02/10/10
Units:	mg/Kg	Received:	02/10/10
Basis:	as received	Prepared:	02/11/10
Diln Fac:	1.000	Analyzed:	02/12/10

Field ID	Type	Lab ID	Result	RL
S-1	SAMPLE	218251-001	40	0.25
S-2	SAMPLE	218251-002	25	0.25
S-3	SAMPLE	218251-003	200	0.25
S-4	SAMPLE	218251-004	130	0.25
S-5	SAMPLE	218251-005	370	0.25
S-6	SAMPLE	218251-006	35	0.25
S-7	SAMPLE	218251-007	41	0.25
S-8	SAMPLE	218251-008	240	0.25
S-9	SAMPLE	218251-009	240	0.25
S-10	SAMPLE	218251-010	99	0.25
	BLANK	QC532441	ND	0.25

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Lead			
Lab #:	218251	Location:	36th & Peralta
Client:	Fugro West Inc.	Prep:	EPA 3050B
Project#:	790.026	Analysis:	EPA 6010B
Analyte:	Lead	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	159997
MSS Lab ID:	218185-001	Sampled:	02/04/10
Matrix:	Soil	Received:	02/05/10
Units:	mg/Kg	Prepared:	02/11/10
Basis:	as received	Analyzed:	02/12/10

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC532442		100.0	100.2	100	73-117		
BSD	QC532443		100.0	100.6	101	73-117	0	24
MS	QC532444	7,123	95.24	6,611 >LR	-538 NM	27-147		
MSD	QC532445		97.09	13,710 >LR	6781 NM	27-147	NC	54

NC= Not Calculated

NM= Not Meaningful: Sample concentration > 4X spike concentration

>LR= Response exceeds instrument's linear range

RPD= Relative Percent Difference

Laboratory Job Number 218251

Subcontracted Products

Forensic Analytical



Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

Curtis & Tompkins Ltd
Project Manager
2323 Fifth St.

Berkeley, CA 94710

Client ID: 1137
Report Number: N002525
Date Received: 02/11/10
Date Analyzed: 02/18/10
Date Printed: 02/18/10

Job ID/Site: 218251 - 36th & Peralta

FALI Job ID: 1137
Total Samples Submitted: 10
Total Samples Analyzed: 10

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
-----------	------------	-------------------

S-1 10952020 **Grey Soil**

Visual Estimation Results:

Matrix percentage of entire 100
Visual estimation percentage: None Detected
Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

S-2 10952021 **Grey Soil**

Visual Estimation Results:

Matrix percentage of entire 100
Visual estimation percentage: None Detected
Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

S-3 10952022 **Grey Soil**

Visual Estimation Results:

Matrix percentage of entire 100
Visual estimation percentage: None Detected
Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.



Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

Curtis & Tompkins Ltd
Project Manager
2323 Fifth St.

Berkeley, CA 94710

Client ID: 1137
Report Number: N002525
Date Received: 02/11/10
Date Analyzed: 02/18/10
Date Printed: 02/18/10

Job ID/Site: 218251 - 36th & Peralta

FALI Job ID: 1137
Total Samples Submitted: 10
Total Samples Analyzed: 10

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
-----------	------------	-------------------

S-4 10952023 **Grey Soil**

Visual Estimation Results:

Matrix percentage of entire 100
Visual estimation percentage: None Detected
Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

S-5 10952024 **Grey Soil**

Visual Estimation Results:

Matrix percentage of entire 100
Visual estimation percentage: None Detected
Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

S-6 10952025 **Grey Soil**

Visual Estimation Results:

Matrix percentage of entire 100
Visual estimation percentage: None Detected
Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.



Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

Curtis & Tompkins Ltd
Project Manager
2323 Fifth St.

Berkeley, CA 94710

Client ID: 1137
Report Number: N002525
Date Received: 02/11/10
Date Analyzed: 02/18/10
Date Printed: 02/18/10

Job ID/Site: 218251 - 36th & Peralta

FALI Job ID: 1137
Total Samples Submitted: 10
Total Samples Analyzed: 10

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
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S-7 10952026 **Grey Soil**

Visual Estimation Results:

Matrix percentage of entire 100
Visual estimation percentage: None Detected
Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

S-8 10952027 **Grey Soil**

Visual Estimation Results:

Matrix percentage of entire 100
Visual estimation percentage: None Detected
Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

S-9 10952028 **Grey Soil**

Visual Estimation Results:

Matrix percentage of entire 100
Visual estimation percentage: None Detected
Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.



Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

Curtis & Tompkins Ltd
Project Manager
2323 Fifth St.

Berkeley, CA 94710

Client ID: 1137
Report Number: N002525
Date Received: 02/11/10
Date Analyzed: 02/18/10
Date Printed: 02/18/10

Job ID/Site: 218251 - 36th & Peralta

FALI Job ID: 1137
Total Samples Submitted: 10
Total Samples Analyzed: 10

Sample Preparation and Analysis:

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Sample ID	Lab Number	Layer Description
S-10	10952029	Grey Soil
<i>Visual Estimation Results:</i>		
Matrix percentage of entire		100
Visual estimation percentage:	None Detected	
Asbestos type(s) detected:	None Detected	

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

James Flores, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 0.25%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

Analytical results and reports are generated by Forensic Analytical Laboratories Inc. (FALI) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by FALI to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by FALI. The client is solely responsible for the use and interpretation of test results and reports requested from FALI. Forensic Analytical Laboratories Inc. is not able to assess the degree of hazard resulting from materials analyzed. FALI reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.