



VISTA ENVIRONMENTAL
CONSULTING

S201-40-410-04
Task 2 - Site Soil Background Survey
Surplus II, 27 Buildings
Seaside, California



Prepared for:
FORA
920 2nd Ave, Suite A
Marina, CA 93933

Prepared By:
Vista Environmental Consulting
2984 Teagarden Street
San Leandro, CA 94577

March 4, 2016

Project No. 161091001

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EXECUTIVE SUMMARY

Vista Environmental Consulting (Vista) performed a site soil background survey for the 27 buildings of Surplus II, Seaside, California (Project Site). The purpose of the survey was to document background levels of asbestos and lead in the soil around the buildings at the Project Site, to be used as a baseline for future survey comparisons.

The soil sampling results for all buildings were “none detected” for asbestos, and less than the reporting limit (<40 to 44 mg/kg) for lead for all buildings except HH4434 and RP4454. The west side of HH4434 had 50 mg/kg of lead and the south side of RP4454 tested 58 mg/kg of lead.

The Soil Sampling Summary, Asbestos Analytical Reports and the Lead Analytical Reports for each building can be found in *Appendix A – Building Data*.

All lead soil samples were below the San Francisco Bay Regional Water Quality Control Board (SF RWQCB) February 2016 Environmental Screening Level (ESL) of 80 mg/kg for residential use. If soil from the west side of HH4434 and the south side of RP4454 were going to be sent to a landfill for disposal the samples would need analysis by Soluble Threshold Limit Concentration (STLC) or “Wet Test” and Toxicity Characteristic Leaching Procedure (TCLP) to classify the waste.

After completion of the Surplus II hazardous materials remediation a series of soil samples should be collected and analyzed for asbestos and lead. A summary report should compare those test results to these soil background survey results. Results higher to the ones found here would require additional soil cleaning by the contractor.

Report prepared for the Company by:



Christopher R. Burns
Senior Project Manager
CAC #92-0224
LRCIA #663

1.0 INTRODUCTION

Vista Environmental Consulting (Vista) performed a site soil background survey for the 27 buildings of Surplus II, Seaside, California (Project Site). The purpose of the survey was to document background levels of asbestos and lead in the soil around the buildings at the Project Site.

2.0 METHODOLOGY

Vista performed the hazardous materials survey from February 10 to 12, 2016. The asbestos survey was conducted by Christopher Burns (#92-0224) a State of California Division of Occupational Safety and Health (Cal/OSHA) Certified Asbestos Consultant. Assisting on the survey was Javier Rocha, a Cal/OSHA Certified Site Surveillance Technician (#02-3244). The lead survey was conducted by Christopher Burns, who has a Lead-Related Construction Certificate as an Inspector/Assessor (LRCIA #663) issued by the State of California Department of Public Health (CDPH).

Vista collected 106, “4-point composite soil samples” throughout the site (4 samples per building, one sample per side for all buildings except armories) taken from the top 6” of soil within 10’ of the building footprint. AR4450 has no soil on the west side and AR4458 has no soil on the east side where there are parking lots and sidewalks. Samples were taken at the following locations:

Building Type	Location	Total # of Samples
10 Rolling Pin (RP)	0’-6” depth, North, East, South and West	40
6 Administration (AD)	0’-6” depth, North, East, South and West	24
2 Armory (AR)	0’-6” depth, AR4450: North, East, and South, AR4458: North, South and West*	6
8 Hammerhead (HH)	0’-6” depth, North, East, South and West	32
1 Cafeteria (CF)	0’-6” depth, North, East, South and West	4

*.

Soil samples were collected using a hand auger or scoop. Sampling staff used new nitrile gloves before commencing soil activities at each sampling location and a second set of new nitrile gloves was used prior to actual soil sample collection. Soil samples were then placed into sealed plastic bags. Each bag was labeled with a unique name and the date of collection and placed into an ice-cooled chest. All sampling equipment was washed in a solution of phosphate-free laboratory detergent and water and then double-rinsed with water to prevent cross contamination

between each sample. Chain-of-Custody forms were completed at the time of sampling and accompanied the samples to the laboratory.

Asbestos soil samples were delivered, under proper chain-of-custody protocol, to EMSL Analytical, Inc. (EMSL) in San Leandro, California. The samples were submitted for analysis by Polarized Light Microscopy (PLM) utilizing dispersion staining techniques in accordance with the EPA's "Method for the Determination of Asbestos in Bulk Building Materials" U.S. EPA/600/R-93/116, Visual Area Estimate, dated July 1993 and adopted by the NVLAP as Test Method Code 18/A01.

Lead soil samples were delivered, under proper chain-of-custody protocol, to EMSL. The samples were prepared and analyzed by method EPA 3050B/7420, Flame Atomic Absorption.

3.0 RESULTS

The soil sampling results for all buildings were none detected for asbestos and less than the reporting limit (<40 to 44 mg/kg) for lead for all buildings except the west side of HH4434 which was 50 mg/kg and the South side of RP4454 which was 58 mg/kg.

The Soil Sampling Summary, Asbestos Analytical Reports and the Lead Analytical Reports for each building can be found in *Appendix A – Building Data*.

4.0 RECOMMENDATIONS

All lead soil samples were below the San Francisco Bay Regional Water Quality Control Board (SF RWQCB) February 2016 Environmental Screening Level (ESL) of 80 mg/kg for residential use. If soil from the west side of HH4434 and the south side of RP4454 were going to be sent to a landfill for disposal the samples would need analysis by Soluble Threshold Limit Concentration (STLC) or "Wet Test" and Toxicity Characteristic Leaching Procedure (TCLP) to classify the waste.

After completion of the Surplus II hazardous materials remediation a series of soil samples should be collected and analyzed for asbestos and lead. A summary report should compare those test results to these soil background survey results. Results higher to the ones found here would require additional soil cleaning by the contractor.

Respectfully Submitted,
Vista Environmental Consulting



Christopher R. Burns
Senior Project Manager
CAC #92-0224
LRCIA #663

Reviewed and Approved



Charles R. Bove
Principal
CAC #92-0160

APPENDICES

AD4408

AD4408
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
AD4408-AS01	North Side	ND
AD4408-AS02	East Side	ND
AD4408-AS03	South Side	ND
AD4408-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
AD4408-LS01	North Side	<42
AD4408-LS02	East Side	<45
AD4408-LS03	South Side	<41
AD4408-LS04	West Side	<41



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Tel/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602684

Customer ID: 32VEOK25

Customer PO:

Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (510) 346-8860

Fax:

Received Date: 02/13/2016 10:45 AM

Analysis Date: 02/20/2016

Collected Date:

Project: FORA/161091001

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
AD4408-AS01 <small>091602684-0001</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, N side	Brown Non-Fibrous Homogeneous	2% Cellulose	15% Quartz 5% Gypsum 78% Non-fibrous (Other)	None Detected
AD4408-AS02 <small>091602684-0002</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, E side	Brown Non-Fibrous Homogeneous		40% Quartz 60% Non-fibrous (Other)	None Detected
AD4408-AS03 <small>091602684-0003</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, S side	Brown Fibrous Homogeneous	3% Cellulose	15% Quartz 10% Gypsum 72% Non-fibrous (Other)	None Detected
AD4408-AS04 <small>091602684-0004</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, W side	Brown Fibrous Homogeneous	2% Cellulose	20% Quartz 10% Gypsum 68% Non-fibrous (Other)	None Detected

Analyst(s)

Jared Martin (4)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/20/2016 11:50:04



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

091602684

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company: Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec 2.5 TEM - Water: EPA 100 2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique

Check For Positive Stop - Clearly Identify Homogenous Group **Filter Pore Size (Air Samples):** 0.9µm 0.45µm

Samplers Name: Chris Burns **Samplers Signature:**

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
AD4408-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
AD4408-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
AD4408-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
AD4408-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample # (s): - **Total # of Samples:** 4

Relinquished (Client): **Date:** 2/10/16 **Time:** 1200

Received (Lab): **Date:** 2/13/16 **Time:** 10:45 AM

Comments/Special Instructions:

**EMSL Analytical, Inc**

464 McCormick Street, San Leandro, CA 94577

Phone/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com>sanleandrolab@emsl.com

EMSL Order: 091602602

CustomerID: 32VEOK25

CustomerPO:

ProjectID:

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
 Fax:
 Received: 02/13/16 10:45 AM
 Collected: 2/10/2016

Project: **FORA/161091001****Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)***

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
AD4408-LS01	091602602-0001	2/10/2016	2/16/2016	<42 mg/Kg
Site: SOIL -4PT COMPOSITE NORTH SIDE				
AD4408-LS02	091602602-0002	2/10/2016	2/16/2016	<45 mg/Kg
Site: SOIL -4PT COMPOSITE, EAST SIDE				
AD4408-LS03	091602602-0003	2/10/2016	2/16/2016	<41 mg/Kg
Site: SOIL -4PT COMPOSITE, SOUTH SIDE				
AD4408-LS04	091602602-0004	2/10/2016	2/16/2016	<41 mg/Kg
Site: SOIL -4PT COMPOSITE, WEST SIDE				

Chris Dojlidko, Laboratory Manager
 or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Initial report from 02/16/2016 14:03:35

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

091602602

Fax

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> <small>*if no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input checked="" type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: ChrisBurns **Signature of Sampler:** _____

Sample #	Location	Volume/Area	Date/Time Sampled
AD4408-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
AD4408-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
AD4408-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
AD4408-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample #'s				Total # of Samples:	4
Relinquished (Client):		Date:	2/10/16	Time:	1200
Received (Lab):		Date:	2/13/16	Time:	10:45am
Comments:	(W-1)				

AD4418

AD4418
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
AD4418-AS01	North Side	ND
AD4418-AS02	East Side	ND
AD4418-AS03	South Side	ND
AD4418-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
AD4418-LS01	North Side	<40
AD4418-LS02	East Side	<43
AD4418-LS03	South Side	<40
AD4418-LS04	West Side	<43



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577
Tel/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602682
Customer ID: 32VEOK25
Customer PO:
Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577
Project: FORA/161091001

Phone: (510) 346-8860
Fax:
Received Date: 02/13/2016 10:45 AM
Analysis Date: 02/19/2016
Collected Date:

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
AD4418-AS01	Soil - 4 pt composite, N side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602682-0001 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
AD4418-AS02	Soil - 4 pt composite, E side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602682-0002 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
AD4418-AS03	Soil - 4 pt composite, S side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602682-0003 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
AD4418-AS04	Soil - 4 pt composite, W side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602682-0004 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					

Analyst(s)
Adam C. Fink (4)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%
Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/19/2016 23:00:50



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

091602682

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company: Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide

PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique Other: <input type="checkbox"/>
---	--	---

Check For Positive Stop - Clearly Identify Homogenous Group Filter Pore Size (Air Samples): 0.8µm 0.45µm

Samplers Name: Chris Burns **Samplers Signature:**

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
AD4418-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
AD4418-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
AD4418-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
AD4418-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample # (s): _____ **Total # of Samples:** 4

Relinquished (Client): **Date:** 2/10/16 **Time:** 12:00

Received (Lab): **Date:** 2/13/16 **Time:** 10:45 AM

Comments/Special Instructions:



EMSL Analytical, Inc

464 McCormick Street, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> sanleandrolab@emsl.com

EMSL Order: 091602667
CustomerID: 32VEOK25
CustomerPO:
ProjectID:

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
Fax:
Received: 02/13/16 10:45 AM
Collected:

Project: **FORA/161091001**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
AD4418-LS01	091602667-0001		2/15/2016	<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, NORTH SIDE			
AD4418-LS02	091602667-0002		2/15/2016	<43 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, EAST SIDE			
AD4418-LS03	091602667-0003		2/15/2016	<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, SOUTH SIDE			
AD4418-LS04	091602667-0004		2/15/2016	<43 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, WEST SIDE			

Chris Dojlidko, Laboratory Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Initial report from 02/17/2016 11:32:26

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

091602667

PHONE:
FAX:

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> <small>*If no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input checked="" type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: Chris Burns

Signature of Sampler:

Sample #	Location	Volume/Area	Date/Time Sampled
AD4418-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
AD4418-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
AD4418-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
AD4418-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample #'s

Total # of Samples:

Relinquished (Client):

Date:

2/10/16

Time:

1000

Received (Lab):

Date:

2/13/16

Time:

10:45 am

Comments:

KJS

AD4438

AD4438
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
AD4438-AS01	North Side	ND
AD4438-AS02	East Side	ND
AD4438-AS03	South Side	ND
AD4438-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
AD4438-LS01	North Side	<40
AD4438-LS02	East Side	<40
AD4438-LS03	South Side	<40
AD4438-LS04	West Side	<40



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577
Tel/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602685
Customer ID: 32VEOK25
Customer PO:
Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577
Project: FORA/161091001

Phone: (510) 346-8860
Fax:
Received Date: 02/13/2016 10:45 AM
Analysis Date: 02/20/2016
Collected Date:

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
AD4438-AS01	Soil - 4 pt composite, N side	Brown Non-Fibrous Homogeneous		25% Quartz 15% Gypsum 60% Non-fibrous (Other)	None Detected
<small>091602685-0001 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
AD4438-AS02	Soil - 4 pt composite, E side	Brown Non-Fibrous Homogeneous	2% Cellulose	20% Quartz 15% Gypsum 63% Non-fibrous (Other)	None Detected
<small>091602685-0002 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
AD4438-AS03	Soil - 4 pt composite, S side	Brown Fibrous Homogeneous	4% Cellulose	30% Quartz 66% Non-fibrous (Other)	None Detected
<small>091602685-0003 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
AD4438-AS04	Soil - 4 pt composite, W side	Brown Fibrous Homogeneous	4% Cellulose	20% Quartz 15% Gypsum 61% Non-fibrous (Other)	None Detected
<small>091602685-0004 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					

Analyst(s)
Jared Martin (4)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/20/2016 13:48:48



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

091602685

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company: Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 2984 Teagarden Street		Third Party Billing requires written authorization from third party	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide

PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique Other: <input type="checkbox"/>

Check For Positive Stop - Clearly Identify Homogenous Group Filter Pore Size (Air Samples): 0.8µm 0.45µm

Samplers Name: Chris Burns **Samplers Signature:**

Sample #	Sample Description	Volume/Area (Air) EA # (Bulk)	Date/Time Sampled
AD4438-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
AD4438-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
AD4438-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
AD4438-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample # (s): -	Total # of Samples: 4
Relinquished (Client):	Date: 2/10/16 Time: 1200
Received (Lab):	Date: 2/13/16 Time: 10:45 WJ
Comments/Special Instructions:	



EMSL Analytical, Inc

464 McCormick Street, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> sanleandrolab@emsl.com

EMSL Order: 091602662
CustomerID: 32VEOK25
CustomerPO:
ProjectID:

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
Fax:
Received: 02/13/16 10:45 AM
Collected:

Project: **FORA/161091001**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
AD4438-LS01	091602662-0001		2/15/2016	<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, NORTH SIDE			
AD4438-LS02	091602662-0002		2/15/2016	<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, EAST SIDE			
AD4438-LS03	091602662-0003		2/15/2016	<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, SOUTH SIDE			
AD4438-LS04	091602662-0004		2/15/2016	<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, WEST SIDE			

Chris Dojlidko, Laboratory Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Report Amended: 02/16/2016 10:04:04 Replaces Report Amended: 02/16/2016 10:02:05. Reason Code: Data Entry-Change to Appearance

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

091602662

PHONE:

FAX:

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>		
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>		
City: San leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA	
Report To (Name): Chris Burns		Telephone #: 510-346-8860		
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:	
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail		
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt		
Turnaround Time (TAT) Options* - Please Check				
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour	
<input type="checkbox"/> 72 Hour	<input type="checkbox"/> 96 Hour	<input checked="" type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Week	
<small>*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide</small>				
Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> <small>*if no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input checked="" type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>
Name of Sampler: Chris Burns		Signature of Sampler:		
Sample #	Location	Volume/Area	Date/Time Sampled	
AD4438-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE			
AD4438-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE			
AD4438-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE			
AD4438-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE			
Client Sample #'s		Total # of Samples: 4		
Relinquished (Client):		Date: 2/10/16	Time: 1200	
Received (Lab):		Date: 2/13/16	Time: 10:45am	
Comments: LWS				

AD4448

AD4448
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
AD4448-AS01	North Side	ND
AD4448-AS02	East Side	ND
AD4448-AS03	South Side	ND
AD4448-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
AD4448-LS01	North Side	<43
AD4448-LS02	East Side	<41
AD4448-LS03	South Side	<40
AD4448-LS04	West Side	<40



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577
Tel/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602744
Customer ID: 32VEOK25
Customer PO:
Project ID:


Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577
Project: FORA/161091001

Phone: (510) 346-8860
Fax:
Received Date: 02/13/2016 10:45 AM
Analysis Date: 02/19/2016
Collected Date:

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
AD4448-AS01 <small>091602744-0001</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, N side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
AD4448-AS02 <small>091602744-0002</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, E side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
AD4448-AS03 <small>091602744-0003</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, S side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
AD4448-AS04 <small>091602744-0004</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, W side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)
Adam C. Fink (4)


Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/19/2016 23:13:43



EMSL ANALYTICAL, INC
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

091602744

EMSL ANALYTICAL, INC
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company : Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique

Check For Positive Stop - Clearly Identify Homogenous Group Filter Pore Size (Air Samples): 1.0µm 0.45µm

Samplers Name: Chris Burns Samplers Signature:

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
AD4448-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
AD4448-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
AD4448-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
AD4448-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample # (s):	Total # of Samples: 4
Relinquished (Client):	Date: 2/10/16 Time: 1200
Received (Lab):	Date: 2/13/16 Time: 10:45 AM
Comments/Special Instructions:	

**EMSL Analytical, Inc**

464 McCormick Street, San Leandro, CA 94577

Phone/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com>sanleandrolab@emsl.com

EMSL Order:	091602600
CustomerID:	32VEOK25
CustomerPO:	
ProjectID:	

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
 Fax:
 Received: 02/13/16 10:45 AM
 Collected:

Project: **FORA/161091001****Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)***

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
AD4448-LS01	091602600-0001		2/16/2016	<43 mg/Kg
	Site: SOIL -4PT COMPOSITE NORTH SIDE			
AD4448-LS02	091602600-0002		2/16/2016	<41 mg/Kg
	Site: SOIL -4PT COMPOSITE, EAST SIDE			
AD4448-LS03	091602600-0003		2/16/2016	<40 mg/Kg
	Site: SOIL -4PT COMPOSITE, SOUTH SIDE			
AD4448-LS04	091602600-0004		2/16/2016	<40 mg/Kg
	Site: SOIL -4PT COMPOSITE, WEST SIDE			

Chris Dojlidko, Laboratory Manager
 or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Initial report from 02/16/2016 13:59:40

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only)

091602600

PHONE:
FAX:

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note Instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chnsburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* <small>ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> *If no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input checked="" type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				

Name of Sampler: Chris Burns **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
AD4448-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
AD4448-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
AD4448-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
AD4448-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample #'s: _____ **Total # of Samples:** 4

Relinquished (Client):	Date: 2/10/16	Time:	
Received (Lab):	Date: 2/13/16	Time:	10:45 am (W1)
Comments:			

AD4550

AD4550
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
AD4550-AS01	North Side	ND
AD4550-AS02	East Side	ND
AD4550-AS03	South Side	ND
AD4550-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
AD4550-LS01	North Side	<40
AD4550-LS02	East Side	<41
AD4550-LS03	South Side	<40
AD4550-LS04	West Side	<42



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577
Tel/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602745
Customer ID: 32VEOK25
Customer PO:
Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577
Project: FORA/161091001

Phone: (510) 346-8860
Fax:
Received Date: 02/13/2016 10:45 AM
Analysis Date: 02/19/2016
Collected Date:

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
AD4550-AS01	Soil - 4 pt composite, N side	Brown Non-Fibrous Homogeneous		25% Quartz 10% Gypsum 65% Non-fibrous (Other)	None Detected
<i>091602745-0001 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>					
AD4550-AS02	Soil - 4 pt composite, E side	Brown Fibrous Homogeneous	3% Cellulose	25% Quartz 10% Gypsum 62% Non-fibrous (Other)	None Detected
<i>091602745-0002 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>					
AD4550-AS03	Soil - 4 pt composite, S side	Brown Non-Fibrous Homogeneous		25% Quartz 10% Gypsum 65% Non-fibrous (Other)	None Detected
<i>091602745-0003 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>					
AD4550-AS04	Soil - 4 pt composite, W side	Brown Fibrous Homogeneous	2% Cellulose	25% Quartz 10% Gypsum 63% Non-fibrous (Other)	None Detected
<i>091602745-0004 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>					

Analyst(s)
Jared Martin (4)

Chris Dojliko, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/19/2016 18:52:04



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

091602745

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company: Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2 5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input checked="" type="checkbox"/> 1.0µm <input type="checkbox"/> 0.45µm

Samplers Name: Chris Burns **Samplers Signature:**

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
AD4550-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
AD4550-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
AD4550-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
AD4550-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample # (s): - **Total # of Samples:** -

Relinquished (Client): **Date:** 2/10/16 **Time:** 1200

Received (Lab): **Date:** 2/13/16 **Time:** 10:48 AM

Comments/Special Instructions:



EMSL Analytical, Inc

464 McCormick Street, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> sanleandrolab@emsl.com

EMSL Order: 091602607
CustomerID: 32VEOK25
CustomerPO:
ProjectID:

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
Fax:
Received: 02/13/16 10:45 AM
Collected:

Project: **FORA/161091001**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
AD4550-LS01	091602607-0001		2/17/2016	<40 mg/Kg
	Site: SOIL -4PT COMPOSITE NORTH SIDE			
AD4550-LS02	091602607-0002		2/17/2016	<41 mg/Kg
	Site: SOIL -4PT COMPOSITE, EAST SIDE			
AD4550-LS03	091602607-0003		2/17/2016	<40 mg/Kg
	Site: SOIL -4PT COMPOSITE, SOUTH SIDE			
AD4550-LS04	091602607-0004		2/17/2016	<42 mg/Kg
	Site: SOIL -4PT COMPOSITE, WEST SIDE			

Chris Dojlidko, Laboratory Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Initial report from 02/17/2016 15:39:49

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only)

091602607

PHONE:
FAX:

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour
<input type="checkbox"/> 72 Hour	<input type="checkbox"/> 96 Hour	<input checked="" type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Week
<small>*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide</small>			
Matrix	Method	Instrument	Reporting Limit
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter
Wipe* <small>ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> *If no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe
	SW846-6010B or C	ICP-AES	1.0 µg/wipe
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter
	40 CFR Part 50	Graphite Furnace AA	3.8 µg/filter
Other:			
Name of Sampler: Chris Burns		Signature of Sampler:	
Sample #	Location	Volume/Area	Date/Time Sampled
AD4550-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
AD4550-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
AD4550-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
AD4550-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE		
Client Sample #'s		Total # of Samples:	
Relinquished (Client):	Date: 2/10/16	Time:	12:00
Received (Lab):	Date: 2.13.16	Time:	10:45
Comments: Room			

AD4560

AD4560
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
AD4560-AS01	North Side	ND
AD4560-AS02	East Side	ND
AD4560-AS03	South Side	ND
AD4560-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
AD4560-LS01	North Side	<40
AD4560-LS02	East Side	<42
AD4560-LS03	South Side	<40
AD4560-LS04	West Side	<43



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Tel/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602743

Customer ID: 32VEOK25

Customer PO:

Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (510) 346-8860

Fax:

Received Date: 02/13/2016 10:45 AM

Analysis Date: 02/19/2016

Collected Date:

Project: FORA/161091001

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
AD4560-AS01	Soil - 4 pt composite, N side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602743-0001 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
AD4560-AS02	Soil - 4 pt composite, E side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602743-0002 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
AD4560-AS03	Soil - 4 pt composite, S side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602743-0003 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
AD4560-AS04	Soil - 4 pt composite, W side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602743-0004 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					

Analyst(s)

Adam C. Fink (4)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/19/2016 23:12:33



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company: Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique Other: <input type="checkbox"/>
---	--	--

Check For Positive Stop - Clearly Identify Homogenous Group Filter Pore Size (Air Samples): 0.8µm 0.45µm

Samplers Name: Chris Burns **Samplers Signature:**

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
AD4560-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
AD4560-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
AD4560-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
AD4560-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample # (s): .	Total # of Samples: 4
Relinquished (Client):	Date: 2/10/16 Time: 1200
Received (Lab):	Date: 2/13/16 Time: 10:45 UT
Comments/Special Instructions:	



EMSL Analytical, Inc

464 McCormick Street, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> sanleandrolab@emsl.com

EMSL Order: 091602601
CustomerID: 32VEOK25
CustomerPO:
ProjectID:

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
Fax:
Received: 02/13/16 10:45 AM
Collected:

Project: **FORA/161091001**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
AD4560-LS01	091602601-0001		2/16/2016	<40 mg/Kg
	Site: SOIL -4PT COMPOSITE NORTH SIDE			
AD4560-LS02	091602601-0002		2/16/2016	<42 mg/Kg
	Site: SOIL -4PT COMPOSITE, EAST SIDE			
AD4560-LS03	091602601-0003		2/16/2016	<40 mg/Kg
	Site: SOIL -4PT COMPOSITE, SOUTH SIDE			
AD4560-LS04	091602601-0004		2/16/2016	<43 mg/Kg
	Site: SOIL -4PT COMPOSITE, WEST SIDE			

Chris Dojlidko, Laboratory Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Initial report from 02/16/2016 14:01:41

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only)

091602601

PHONE:
FAX:

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>		
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>		
City: San leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA	
Report To (Name): Chris Burns		Telephone #: 510-346-8860		
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:	
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail		
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt		
Turnaround Time (TAT) Options* - Please Check				
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour	
<input type="checkbox"/> 72 Hour	<input type="checkbox"/> 96 Hour	<input checked="" type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Week	
<small>*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide</small>				
Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> <small>*If no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input checked="" type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				
Name of Sampler: Chris Burns		Signature of Sampler:		
Sample #	Location	Volume/Area	Date/Time Sampled	
AD4560-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE			
AD4560-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE			
AD4560-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE			
AD4560-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE			
Client Sample #'s		Total # of Samples: 4		
Relinquished (Client):	Date: 2/10/16	Time:	12:00	
Received (Lab):	Date: 2/13/16	Time:	10:45am	
Comments: (w-1)				

AR4450

AR4450
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
AR4450-AS01	North Side	ND
AR4450-AS02	East Side	ND
AR4450-AS03	South Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
AR4450-LS01	North Side	<40
AR4450-LS02	East Side	<40
AR4450-LS03	South Side	<40

There is no soil on the west side which is a parking lot and sidewalks.



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577
Tel/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602732
Customer ID: 32VEOK25
Customer PO:
Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577
Project: FORA/161091001

Phone: (510) 346-8860
Fax:
Received Date: 02/13/2016 10:45 AM
Analysis Date: 02/20/2016
Collected Date:

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
AR4450-AS01 <small>091602732-0001</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, N side	Brown Non-Fibrous Homogeneous		25% Quartz 10% Gypsum 65% Non-fibrous (Other)	None Detected
AR4450-AS02 <small>091602732-0002</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, E side	Brown Non-Fibrous Homogeneous		30% Quartz 15% Gypsum 55% Non-fibrous (Other)	None Detected
AR4450-AS03 <small>091602732-0003</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, S side	Brown Fibrous Homogeneous	4% Cellulose	25% Quartz 15% Gypsum 56% Non-fibrous (Other)	None Detected
AR4450-AS04 <small>091602732-0004</small>	Parking				Not Submitted

Analyst(s)
Jared Martin (3)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%
Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/20/2016 15:24:13



EMSL ANALYTICAL, INC.
LABORATORY, PRODUCTS, TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

091602732

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company: Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr TWA	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique Other: <input type="checkbox"/>

Check For Positive Stop - Clearly Identify Homogenous Group Filter Pore Size (Air Samples): 0.8µm 0.45µm

Samplers Name: Chris Burns **Samplers Signature:**

Sample #	Sample Description	Volume/Area (Air) HA# (Bulk)	Date/Time Sampled
AR4450-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
AR4450-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
AR4450-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE	OKAY No Soil particles	
AR4450-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE	No Soil particles	

Client Sample # (s):	Total # of Samples: 4
Relinquished (Client):	Date: 2/10/16 Time: 12:00
Received (Lab):	Date: 2/13/16 Time: 10:45 AM
Comments/Special Instructions:	



EMSL Analytical, Inc

464 McCormick Street, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> sanleandrolab@emsl.com

EMSL Order: 091602603
CustomerID: 32VEOK25
CustomerPO:
ProjectID:

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
Fax:
Received: 02/13/16 10:45 AM
Collected: 2/10/2016

Project: **FORA/161091001**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
AR4450-LS01	091602603-0001	2/10/2016	2/16/2016	<40 mg/Kg
	Site: SOIL -4PT COMPOSITE NORTH SIDE			
AR4450-LS02	091602603-0002	2/10/2016	2/16/2016	<40 mg/Kg
	Site: SOIL -4PT COMPOSITE EAST SIDE			
AR4450-LS03	091602603-0003	2/10/2016	2/16/2016	<40 mg/Kg
	Site: SOIL -4PT COMPOSITE SOUTH SIDE			

Chris Dojlidko, Laboratory Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Initial report from 02/16/2016 14:05:53

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

091602603

Phone:
Fax:

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		Third Party Billing requires written authorization from third party	
City: San leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

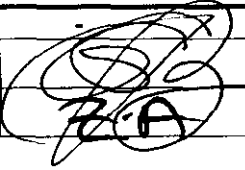
3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week


*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* <input type="checkbox"/> ASTM <input type="checkbox"/> non ASTM *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input checked="" type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: Chris Burns Signature of Sampler: 

Sample #	Location	Volume/Area	Date/Time Sampled
AR4450-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
AR4450-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
AR4450-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE	NO SOIL CONCRETE	
AR4450-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE	NO SOIL PARKING LOT	

Client Sample #'s:  Total # of Samples: 4

Relinquished (Client):  Date: 2/10/16 Time: 1200

Received (Lab):  Date: 2/13/16 Time: 10:45am

Comments: (W-1)

AR4458

AR4458
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
AR4458-AS01	North Side	ND
AR4458-AS03	South Side	ND
AR4458-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
AR4458-LS01	North Side	<40
AR4458-LS03	South Side	<40
AR4458-LS04	West Side	<43

There is no soil on the east side which is a parking lot and sidewalks.



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Tel/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602679

Customer ID: 32VEOK25

Customer PO:

Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (510) 346-8860

Fax:

Received Date: 02/13/2016 10:45 AM

Analysis Date: 02/20/2016

Collected Date:

Project: FORA/161091001

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
AR4458-AS01	Soil - 4 pt composite, N side	Brown Non-Fibrous Homogeneous	2% Cellulose	20% Quartz 15% Gypsum 63% Non-fibrous (Other)	None Detected
<i>091602679-0001 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>					
AR4458-AS02	Parking lot				Not Submitted
<i>091602679-0002</i>					
AR4458-AS03	Soil - 4 pt composite, S side	Brown Fibrous Homogeneous	7% Cellulose	25% Quartz 15% Gypsum 53% Non-fibrous (Other)	None Detected
<i>091602679-0003 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>					
AR4458-AS04	Soil - 4 pt composite, W side	White Non-Fibrous Homogeneous		30% Quartz 15% Gypsum 55% Non-fibrous (Other)	None Detected
<i>091602679-0004 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>					

Analyst(s)

Jared Martin (3)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/20/2016 15:26:42



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

091602679

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company : Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule **There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100 2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)	
		Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique	
		Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input checked="" type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm	
Samplers Name: Chris Burns		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
AR4458-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
AR4458-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE - <i>NOSOL</i>	<i>PARKING LOT</i>	
AR4458-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
AR4458-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		
Client Sample # (s): -		Total # of Samples: 4	
Relinquished (Client):		Date: 2/10/16	Time: 12:00
Received (Lab):		Date: 2/13/16	Time: 10:45 WJ
Comments/Special Instructions:			

**EMSL Analytical, Inc**

464 McCormick Street, San Leandro, CA 94577

Phone/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com>sanleandrolab@emsl.com

EMSL Order: 091602649

CustomerID: 32VEOK25

CustomerPO:

ProjectID:

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
 Fax:
 Received: 02/13/16 10:45 AM
 Collected:

Project: **FORA/161091001****Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)***

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
AR4458-LS01	091602649-0001		2/17/2016	<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, NORTH SIDE			
AR4458-LS03	091602649-0003		2/17/2016	<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, SOUTH SIDE			
AR4458-LS04	091602649-0004		2/17/2016	<43 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, WEST SIDE			

Chris Dojlidko, Laboratory Manager
 or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Initial report from 02/18/2016 10:03:32

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

091602649

PHONE:
FAX:

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* <small>ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> *if no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input checked="" type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: Chris Burns		Signature of Sampler:	
Sample #	Location	Volume/Area	Date/Time Sampled
AR4458-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
AR4458-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE	No Soil Parting Lot	
AR4458-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
AR4458-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample #'s		Total # of Samples: 4	
Relinquished (Client):	Date: 2/10/16	Time: 1200	
Received (Lab):	Date: 2/13/16	Time: 10:45am	
Comments:			WJS

CF4453

CF4453
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
CF4453-AS01	North Side	ND
CF4453-AS02	East Side	ND
CF4453-AS03	South Side	ND
CF4453-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
CF4453-LS01	North Side	<40
CF4453-LS02	East Side	<44
CF4453-LS03	South Side	<42
CF4453-LS04	West Side	<41



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Tel/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602680

Customer ID: 32VEOK25

Customer PO:

Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (510) 346-8860

Fax:

Received Date: 02/13/2016 10:45 AM

Analysis Date: 02/19/2016

Collected Date:

Project: FORA/161091001

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CF4453-AS01	Soil - 4 pt composite, N side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602680-0001 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
CF4453-AS02	Soil - 4 pt composite, E side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602680-0002 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
CF4453-AS03	Soil - 4 pt composite, S side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602680-0003 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
CF4453-AS04	Soil - 4 pt composite, W side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602680-0004 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					

Analyst(s)

Adam C. Fink (4)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/19/2016 22:54:26



EMSL ANALYTICAL, INC.
LABORATORY, PRODUCTS, TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

091602680

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company : Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr TWA		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)		Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm	
Samplers Name: Chris Burns		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
CF4453-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
CF4453-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
CF4453-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
CF4453-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		
Client Sample # (s): -		Total # of Samples: 4	
Relinquished (Client):		Date: 02/12/16	Time: 0741
Received (Lab):		Date: 02/13/16	Time: 10:45 WJ
Comments/Special Instructions:			



EMSL Analytical, Inc

464 McCormick Street, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> sanleandrolab@emsl.com

EMSL Order: 091602658
CustomerID: 32VEOK25
CustomerPO:
ProjectID:

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
Fax:
Received: 02/13/16 10:45 AM
Collected:

Project: **FORA/161091001**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
CF4453-LS01	091602658-0001		2/19/2016	<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, NORTH SIDE			
CF4453-LS02	091602658-0002		2/19/2016	<44 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, EAST SIDE			
CF4453-LS03	091602658-0003		2/19/2016	<42 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, SOUTH SIDE			
CF4453-LS04	091602658-0004		2/19/2016	<41 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, WEST SIDE			

Chris Dojlidko, Laboratory Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Initial report from 02/19/2016 15:06:44

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

091602657

PHONE:

FAX:

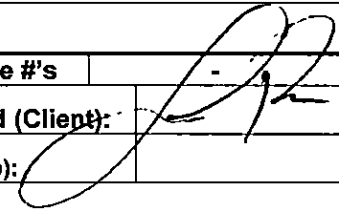
Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note Instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> <small>*If no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input checked="" type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: Chris Burns		Signature of Sampler:	
Sample #	Location	Volume/Area	Date/Time Sampled
CF4453-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
CF4453-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
CF4453-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
CF4453-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE		
Client Sample #'s		Total # of Samples: 4	
Relinquished (Client): 	Date: 02/12/16	Time: 0741	
Received (Lab):	Date: 2/13/16	Time: 10:45am	
Comments: 1405			

HH4430

HH4430
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
HH4430-AS01	North Side	ND
HH4430-AS02	East Side	ND
HH4430-AS03	South Side	ND
HH4430-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
HH4430-LS01	North Side	<41
HH4430-LS02	East Side	<42
HH4430-LS03	South Side	<42
HH4430-LS04	West Side	<40



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Tel/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602746

Customer ID: 32VEOK25

Customer PO:

Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (510) 346-8860

Fax:

Received Date: 02/13/2016 10:45 AM

Analysis Date: 02/19/2016

Collected Date:

Project: FORA/161091001

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
HH4430-AS01 <small>091602746-0001</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, N side	Brown Non-Fibrous Homogeneous		25% Quartz 10% Gypsum 65% Non-fibrous (Other)	None Detected
HH4430-AS02 <small>091602746-0002</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, E side	Brown Non-Fibrous Homogeneous		25% Quartz 10% Gypsum 65% Non-fibrous (Other)	None Detected
HH4430-AS03 <small>091602746-0003</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, S side	Brown Fibrous Homogeneous	1% Cellulose	25% Quartz 5% Gypsum 69% Non-fibrous (Other)	None Detected
HH4430-AS04 <small>091602746-0004</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, W side	Brown Fibrous Homogeneous	4% Cellulose	25% Quartz 10% Gypsum 61% Non-fibrous (Other)	None Detected

Analyst(s)

Jared Martin (4)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/19/2016 18:54:52



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

091602746

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company : Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr TWA		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100 2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)		Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm	
Samplers Name: Chris Burns		Samplers Signature: _____	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
HH4430-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
HH4430-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
HH4430-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
HH4430-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		
Client Sample # (s): -		Total # of Samples: 4	
Relinquished (Client):		Date: 02/12/16	Time: 0753
Received (Lab):		Date: 2/13/16	Time: 10:45 WJ
Comments/Special Instructions:			



EMSL Analytical, Inc

464 McCormick Street, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> sanleandrolab@emsl.com

EMSL Order: 091602608
CustomerID: 32VEOK25
CustomerPO:
ProjectID:

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
Fax:
Received: 02/13/16 10:45 AM
Collected:

Project: **FORA/161091001**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
HH4430-LS01	091602608-0001		2/17/2016	<41 mg/Kg
	Site: SOIL -4PT COMPOSITE NORTH SIDE			
HH4430-LS02	091602608-0002		2/17/2016	<42 mg/Kg
	Site: SOIL -4PT COMPOSITE, EAST SIDE			
HH4430-LS03	091602608-0003		2/17/2016	<42 mg/Kg
	Site: SOIL -4PT COMPOSITE, SOUTH SIDE			
HH4430-LS04	091602608-0004		2/17/2016	<40 mg/Kg
	Site: SOIL -4PT COMPOSITE, WEST SIDE			

Chris Dojlidko, Laboratory Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Initial report from 02/17/2016 15:41:47

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

091602608

PHONE
FAX

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour	<input type="checkbox"/> 72 Hour	<input type="checkbox"/> 96 Hour	<input checked="" type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Week
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*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* <small>ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> *If no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input checked="" type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: Chris Burns	Signature of Sampler:
-------------------------------------	------------------------------

Sample #	Location	Volume/Area	Date/Time Sampled
HH4430-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
HH4430-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
HH4430-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
HH4430-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample #'s	Total # of Samples: 4
--------------------------	------------------------------

Relinquished (Client):	Date: 02/12/16	Time: 0733	
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Received (Lab):	Date: 2.13.16	Time: 10.45am	
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Comments:

HH4432

HH4432
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
HH4432-AS01	North Side	ND
HH4432-AS02	East Side	ND
HH4432-AS03	South Side	ND
HH4432-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
HH4432-LS01	North Side	<40
HH4432-LS02	East Side	<41
HH4432-LS03	South Side	<40
HH4432-LS04	West Side	<42



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Tel/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602686

Customer ID: 32VEOK25

Customer PO:

Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (510) 346-8860

Fax:

Received Date: 02/13/2016 10:45 AM

Analysis Date: 02/19/2016

Collected Date:

Project: FORA/161091001

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
HH4432-AS01 <small>091602686-0001</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, N side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HH4432-AS02 <small>091602686-0002</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, E side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HH4432-AS03 <small>091602686-0003</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, S side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HH4432-AS04 <small>091602686-0004</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, W side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Adam C. Fink (4)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/19/2016 23:02:55



EMSL ANALYTICAL INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

091602686

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company : Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 2984 Teagarden Street		Third Party Billing requires written authorization from third party	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour 6 Hour 24 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide

PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique Other: <input type="checkbox"/>
---	--	--

Check For Positive Stop - Clearly Identify Homogenous Group

Filter Pore Size (Air Samples): 0.8µm 0.45µm

Samplers Name: Chris Burns

Samplers Signature: _____

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
HH4432-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
HH4432-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
HH4432-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
HH4432-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample # (s): _____ Total # of Samples: _____

Relinquished (Client): Date: 02/12/16 Time: 1000

Received (Lab): Date: 2/13/16 Time: 10:45 WJ

Comments/Special Instructions: _____



EMSL Analytical, Inc

464 McCormick Street, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> sanleandrolab@emsl.com

EMSL Order: 091602664
CustomerID: 32VEOK25
CustomerPO:
ProjectID:

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
Fax:
Received: 02/13/16 10:45 AM
Collected:

Project: **FORA/161091001**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
HH4432-LS01	091602664-0001		2/15/2016	<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, NORTH SIDE			
HH4432-LS02	091602664-0002		2/15/2016	<41 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, EAST SIDE			
HH4432-LS03	091602664-0003		2/15/2016	<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, SOUTH SIDE			
HH4432-LS04	091602664-0004		2/15/2016	<42 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, WEST SIDE			

Chris Dojlidko, Laboratory Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Initial report from 02/17/2016 11:09:26

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

091602664

PHONE:
FAX:

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> <small>*if no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input checked="" type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: ChrisBurns	Signature of Sampler:
------------------------------------	------------------------------

Sample #	Location	Volume/Area	Date/Time Sampled
HH4432-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
HH4432-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
HH4432-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
HH4432-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample #'s -	Total # of Samples:
----------------------------	----------------------------

Relinquished (Client):	Date:	Time:	
-------------------------------	--------------	--------------	--

Received (Lab):	Date: 2/13/16	Time: 10:45am	
------------------------	----------------------	----------------------	--

Comments: WJS

HH4434

HH4434
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
HH4434-AS01	North Side	ND
HH4434-AS02	East Side	ND
HH4434-AS03	South Side	ND
HH4434-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
HH4434-LS01	North Side	<40
HH4434-LS02	East Side	<41
HH4434-LS03	South Side	<40
HH4434-LS04	West Side	50



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Tel/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602657

Customer ID: 32VEOK25

Customer PO:

Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (510) 346-8860

Fax:

Received Date: 02/13/2016 10:45 AM

Analysis Date: 02/19/2016

Collected Date:

Project: FORA/161091001

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
HH4434-AS01	Soil - 4 pt composite, N side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602657-0001 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
HH4434-AS02	Soil - 4 pt composite, E side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602657-0002 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
HH4434-AS03	Soil - 4 pt composite, S side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602657-0003 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
HH4434-AS04	Soil - 4 pt composite, W side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602657-0004 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					

Analyst(s)

Adam C. Fink (4)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/19/2016 22:47:20



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody EMSL Order Number (Lab Use Only)

091602657

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company : Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide

PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique Other: <input type="checkbox"/>
---	--	---

Check For Positive Stop - Clearly Identify Homogenous Group
 Filter Pore Size (Air Samples): 0.8µm 0.45µm

Samplers Name: Chris Burns Samplers Signature: _____

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
HH4434-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
HH4434-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
HH4434-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
HH4434-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample # (s): _____ Total # of Samples: **4**

Relinquished (Client): Date: **02/12/16** Time: **0752**

Received (Lab): Date: **2/13/16** Time: **10:45 WJ**

Comments/Special Instructions: _____



EMSL Analytical, Inc

464 McCormick Street, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> sanleandrolab@emsl.com

EMSL Order: 091602663
CustomerID: 32VEOK25
CustomerPO:
ProjectID:

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
Fax:
Received: 02/13/16 10:45 AM
Collected:

Project: **FORA/161091001**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
HH4434-LS01	091602663-0001	2/15/2016		<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, NORTH SIDE			
HH4434-LS02	091602663-0002	2/15/2016		<41 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, EAST SIDE			
HH4434-LS03	091602663-0003	2/15/2016		<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, SOUTH SIDE			
HH4434-LS04	091602663-0004	2/15/2016		50 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, WEST SIDE			

Chris Dojlidko, Laboratory Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Report Amended: 02/17/2016 11:02:51 Replaces the Initial Report . Reason Code: Data Entry-Change to Appearance

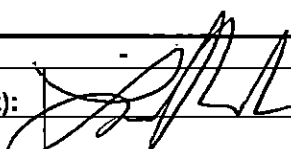
Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

0916 02663

PHONE:

FAX:

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour
<input type="checkbox"/> 72 Hour	<input type="checkbox"/> 96 Hour	<input checked="" type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Week
<small>*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide</small>			
Matrix	Method	Instrument	Reporting Limit
Check			
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter
Wipe* <input type="checkbox"/> ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> <small>*If no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe
	SW846-6010B or C	ICP-AES	1.0 µg/wipe
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)
Soil <input checked="" type="checkbox"/>	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter
Other:			
Name of Sampler: Chris Burns		Signature of Sampler:	
Sample #	Location	Volume/Area	Date/Time Sampled
HH4434-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
HH4434-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
HH4434-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
HH4434-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE		
Client Sample #'s		Total # of Samples:	
Relinquished (Client): 	Date: 02/12/16	Time: 1000	
Received (Lab):	Date: 2/13/16	Time: 10:45am	
Comments:		KJS	

HH4436

HH4436
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
HH4436-AS01	North Side	ND
HH4436-AS02	East Side	ND
HH4436-AS03	South Side	ND
HH4436-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
HH4436-LS01	North Side	<43
HH4436-LS02	East Side	<43
HH4436-LS03	South Side	<41
HH4436-LS04	West Side	<40



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Tel/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602681

Customer ID: 32VEOK25

Customer PO:

Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (510) 346-8860

Fax:

Received Date: 02/13/2016 10:45 AM

Analysis Date: 02/19/2016

Collected Date:

Project: FORA/161091001

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
HH4436-AS01	Soil - 4 pt composite, N side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602681-0001 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
HH4436-AS02	Soil - 4 pt composite, E side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602681-0002 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
HH4436-AS03	Soil - 4 pt composite, S side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602681-0003 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
HH4436-AS04	Soil - 4 pt composite, W side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602681-0004 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					

Analyst(s)

Adam C. Fink (4)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/19/2016 22:56:22



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

091602681

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company : Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		Third Party Billing requires written authorization from third party	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide</small>			
PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec 2 5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm	
Samplers Name: Chris Burns		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
HH4436-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
HH4436-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
HH4436-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
HH4436-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		
Client Sample # (s):		Total # of Samples:	
Relinquished (Client):		Date: 02/12/16	Time: 0752
Received (Lab):		Date: 2/13/16	Time: 10:45 AM
Comments/Special Instructions:			



EMSL Analytical, Inc

464 McCormick Street, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> sanleandrolab@emsl.com

EMSL Order: 091602659
CustomerID: 32VEOK25
CustomerPO:
ProjectID:

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
Fax:
Received: 02/13/16 10:45 AM
Collected:

Project: **FORA/161091001**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
HH4436-LS01	091602659-0001	2/19/2016		<43 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, NORTH SIDE			
HH4436-LS02	091602659-0002	2/19/2016		<43 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, EAST SIDE			
HH4436-LS03	091602659-0003	2/19/2016		<41 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, SOUTH SIDE			
HH4436-LS04	091602659-0004	2/19/2016		<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, WEST SIDE			

Chris Dojlidko, Laboratory Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Initial report from 02/19/2016 15:08:10

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

091602659

PHONE:

FAX:

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

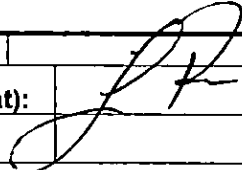
*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* <input type="checkbox"/> ASTM <input type="checkbox"/> non ASTM <small>*If no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input checked="" type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: Chris Burns **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
HH4436-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
HH4436-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
HH4436-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
HH4436-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample #'s: _____ **Total # of Samples:** 4

Relinquished (Client):  **Date:** 02/12/16 **Time:** 0732

Received (Lab): _____ **Date:** 2/13/16 **Time:** 10:45am

Comments: _____

(105)

HH4440

HH4440
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
HH4440-AS01	North Side	ND
HH4440-AS02	East Side	ND
HH4440-AS03	South Side	ND
HH4440-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
HH4440-LS01	North Side	<42
HH4440-LS02	East Side	<43
HH4440-LS03	South Side	<40
HH4440-LS04	West Side	<41



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Tel/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602660

Customer ID: VSTE25

Customer PO:

Project ID:

Attention: Chris Burns
Vista Environmental Consulting, Inc.
4901 Morena Blvd
San Diego, CA 92117

Phone: (858) 412-4715
Fax: (858) 412-4818
Received Date: 02/13/2016 10:45 AM
Analysis Date: 02/19/2016
Collected Date:

Project: FORA/161091001

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
HH4440-AS01	Soil - 4 pt composite, N side	Brown Non-Fibrous Homogeneous	10% Cellulose	45% Quartz 45% Non-fibrous (Other)	None Detected
<small>091602660-0001 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
HH4440-AS02	Soil - 4 pt composite, E side	Brown Non-Fibrous Homogeneous	15% Cellulose	45% Quartz 40% Non-fibrous (Other)	None Detected
<small>091602660-0002 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
HH4440-AS03	Soil - 4 pt composite, S side	Brown Non-Fibrous Homogeneous	15% Cellulose	45% Quartz 40% Non-fibrous (Other)	None Detected
<small>091602660-0003 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
HH4440-AS04	Soil - 4 pt composite, W side	Brown Non-Fibrous Homogeneous	15% Cellulose	45% Quartz 40% Non-fibrous (Other)	None Detected
<small>091602660-0004 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					

Analyst(s)

Cecilia Yu (4)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial report from: 02/19/2016 18:22:36



EMSL ANALYTICAL, INC
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

091602660

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO CA 94577

PHONE: (510) 895-3675
FAX: (510) 895-3680

Company : Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide</small>			
PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm	
Samplers Name: Chris Burns		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
HH4440-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
HH4440-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
HH4440-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
HH4440-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		
Client Sample # (s):		Total # of Samples: 4	
Relinquished (Client):		Date: 02/12/14	Time: 0730
Received (Lab):		Date: 02/13/14	Time: 10:45 AM
Comments/Special Instructions:			



EMSL Analytical, Inc

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Phone/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> sanleandrolab@emsl.com

EMSL Order: 091602606
CustomerID: 32VEOK25
CustomerPO:
ProjectID:

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
Fax:
Received: 02/13/16 10:45 AM
Collected:

Project: **FORA/161091001**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
HH4440-LS01	091602606-0001		2/17/2016	<42 mg/Kg
	Site: SOIL -4PT COMPOSITE NORTH SIDE			
HH4440-LS02	091602606-0002		2/17/2016	<43 mg/Kg
	Site: SOIL -4PT COMPOSITE, EAST SIDE			
HH4440-LS03	091602606-0003		2/17/2016	<40 mg/Kg
	Site: SOIL -4PT COMPOSITE, SOUTH SIDE			
HH4440-LS04	091602606-0004		2/17/2016	<41 mg/Kg
	Site: SOIL -4PT COMPOSITE, WEST SIDE			

Chris Dojlidko, Laboratory Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Initial report from 02/17/2016 15:37:58

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

091602606

Phone:
Fax:

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour	<input type="checkbox"/> 72 Hour	<input type="checkbox"/> 96 Hour	<input checked="" type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Week
---------------------------------	---------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	--	---------------------------------

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> <small>*If no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input checked="" type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200 7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO₃ pH < 2 <input type="checkbox"/>	EPA 200 9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: Chris Burns	Signature of Sampler:
------------------------------	-----------------------

Sample #	Location	Volume/Area	Date/Time Sampled
HH4440-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
HH4440-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
HH4440-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
HH4440-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample #'s	Total # of Samples: 4
-------------------	-----------------------

Relinquished (Client):	Date: 02/12/10	Time: 0730
Received (Lab):	Date: 2.13.10	Time: 10:45am

Comments:

HH4442

HH4442
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
HH4442-AS01	North Side	ND
HH4442-AS02	East Side	ND
HH4442-AS03	South Side	ND
HH4442-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
HH4442-LS01	North Side	<42
HH4442-LS02	East Side	<44
HH4442-LS03	South Side	<40
HH4442-LS04	West Side	<41



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577
Tel/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602747
Customer ID: 32VEOK25
Customer PO:
Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577
Project: FORA/161091001
Phone: (510) 346-8860
Fax:
Received Date: 02/13/2016 10:45 AM
Analysis Date: 02/20/2016
Collected Date:

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
HH4442-AS01 <small>091602747-0001</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, N side	Brown Fibrous Homogeneous	4% Cellulose	25% Quartz 10% Gypsum 61% Non-fibrous (Other)	None Detected
HH4442-AS02 <small>091602747-0002</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, E side	Brown Fibrous Homogeneous	2% Cellulose	40% Quartz 58% Non-fibrous (Other)	None Detected
HH4442-AS03 <small>091602747-0003</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, S side	Brown Fibrous Homogeneous	7% Cellulose	25% Quartz 68% Non-fibrous (Other)	None Detected
HH4442-AS04 <small>091602747-0004</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, W side	Brown Non-Fibrous Homogeneous		30% Quartz 5% Gypsum 65% Non-fibrous (Other)	None Detected

Analyst(s)
Jared Martin (4)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/20/2016 09:38:57



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only)

091602747

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company : Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 2984 Teagarden Street		Third Party Billing requires written authorization from third party	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule **There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide

PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique Other: <input type="checkbox"/>

Check For Positive Stop - Clearly Identify Homogenous Group Filter Pore Size (Air Samples): 0.8µm 0.45µm

Samplers Name: Chris Burns Samplers Signature: _____

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
HH4442-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
HH4442-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
HH4442-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
HH4442-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample # (s):	-	Total # of Samples:	
Relinquished (Client):		Date: 02/12/16	Time: 0731
Received (Lab):		Date: 02/13/16	Time: 10:45 WJ
Comments/Special Instructions:			



EMSL Analytical, Inc

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Phone/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com>

sanleandrolab@emsl.com

EMSL Order:	091602654
CustomerID:	32VEOK25
CustomerPO:	
ProjectID:	

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
 Fax:
 Received: 02/13/16 10:45 AM
 Collected:

Project: **FORA/161091001**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
HH4442-LS01	091602654-0001	2/18/2016		<42 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, NORTH SIDE			
HH4442-LS02	091602654-0002	2/18/2016		<44 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, EAST SIDE			
HH4442-LS03	091602654-0003	2/18/2016		<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, SOUTH SIDE			
HH4442-LS04	091602654-0004	2/18/2016		<41 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, WEST SIDE			

Chris Dojlidko, Laboratory Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Initial report from 02/19/2016 10:37:48

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

091602654

PHONE:
FAX:

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week
<small>*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide</small>			
Matrix	Method	Instrument	Reporting Limit
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter
Wipe* ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> <small>*If no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe
	SW846-6010B or C	ICP-AES	1.0 µg/wipe
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter
Other:			
Name of Sampler: Chris Burns		Signature of Sampler:	
Sample #	Location	Volume/Area	Date/Time Sampled
HH4442-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
HH4442-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
HH4442-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
HH4442-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE		
Client Sample #'s		Total # of Samples:	
Relinquished (Client):	Date: 02/12/16	Time: 0730	
Received (Lab):	Date: 2/13/16	Time: 10:45am	
Comments:			145

HH4444

HH4444
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
HH4444-AS01	North Side	ND
HH4444-AS02	East Side	ND
HH4444-AS03	South Side	ND
HH4444-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
HH4444-LS01	North Side	<42
HH4444-LS02	East Side	<40
HH4444-LS03	South Side	<40
HH4444-LS04	West Side	<41



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577
Tel/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602678
Customer ID: 32VEOK25
Customer PO:
Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577
Project: FORA/161091001

Phone: (510) 346-8860
Fax:
Received Date: 02/13/2016 10:45 AM
Analysis Date: 02/19/2016
Collected Date:

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
HH4444-AS01 <small>091602678-0001</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, N side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HH4444-AS02 <small>091602678-0002</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, E side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HH4444-AS03 <small>091602678-0003</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, S side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HH4444-AS04 <small>091602678-0004</small> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, W side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)
Adam C. Fink (4)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%
Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/19/2016 22:53:00



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

091602678

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company : Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)		Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm	
Samplers Name: Chris Burns		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
HH4444-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
HH4444-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
HH4444-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
HH4444-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		
Client Sample # (s):		Total # of Samples:	
Relinquished (Client):		Date: 02/12/16	Time: 0731
Received (Lab):		Date: 2/13/16	Time: 10:45 WJ
Comments/Special Instructions:			

**EMSL Analytical, Inc**

464 McCormick Street, San Leandro, CA 94577
 Phone/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> sanleandrolab@emsl.com

EMSL Order: 091602647
 CustomerID: 32VEOK25
 CustomerPO:
 ProjectID:

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
 Fax:
 Received: 02/13/16 10:45 AM
 Collected:

Project: **FORA/161091001**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
HH4444-LS01	091602647-0001	2/17/2016		<42 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, NORTH SIDE			
HH4444-LS02	091602647-0002	2/17/2016		<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, EAST SIDE			
HH4444-LS03	091602647-0003	2/17/2016		<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, SOUTH SIDE			
HH4444-LS04	091602647-0004	2/17/2016		<41 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, WEST SIDE			

Chris Dojlidko, Laboratory Manager
 or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Initial report from 02/18/2016 09:59:21

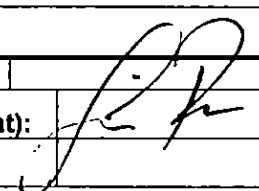
Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

091602647

PHONE:

FAX:

Company : Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>		
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>		
City: San leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA	
Report To (Name): Chris Burns		Telephone #: 510-346-8860		
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:	
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail		
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt		
Turnaround Time (TAT) Options* - Please Check				
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour	
<input type="checkbox"/> 72 Hour	<input type="checkbox"/> 96 Hour	<input checked="" type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Week	
<small>*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide</small>				
Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* <input type="checkbox"/> ASTM <input type="checkbox"/> non ASTM <small>*If no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input checked="" type="checkbox"/>
	-SW846-7010 -	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other: <input type="checkbox"/>				
Name of Sampler: Chris Burns			Signature of Sampler:	
Sample #	Location	Volume/Area	Date/Time Sampled	
HH4444-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE			
HH4444-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE			
HH4444-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE			
HH4444-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE			
Client Sample #'s		Total # of Samples: 4		
Relinquished (Client): 	Date: 02/12/16	Time: 0731		
Received (Lab):	Date:	Time:		
Comments:				

HH4446

HH4446
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
HH4446-AS01	North Side	ND
HH4446-AS02	East Side	ND
HH4446-AS03	South Side	ND
HH4446-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
HH4446-LS01	North Side	<40
HH4446-LS02	East Side	<40
HH4446-LS03	South Side	<41
HH4446-LS04	West Side	<40



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Tel/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602683

Customer ID: 32VEOK25

Customer PO:

Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (510) 346-8860

Fax:

Received Date: 02/13/2016 10:45 AM

Analysis Date: 02/19/2016

Collected Date:

Project: FORA/161091001

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
HH4446-AS01 <i>091602683-0001</i> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, N side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HH4446-AS02 <i>091602683-0002</i> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, E side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HH4446-AS03 <i>091602683-0003</i> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, S side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HH4446-AS04 <i>091602683-0004</i> <i>Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>	Soil - 4 pt composite, W side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Adam C. Fink (4)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/19/2016 23:01:56



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only)

091602683

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company: Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		Third Party Billing requires written authorization from third party	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour 6 Hour 24 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide

PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique Other: <input type="checkbox"/>
---	--	--

Check For Positive Stop - Clearly Identify Homogenous Group

Filter Pore Size (Air Samples): 0.8µm 0.45µm

Samplers Name: Chris Burns

Samplers Signature: _____

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
HH4446-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
HH4446-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
HH4446-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
HH4446-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample # (s): _____ Total # of Samples: 4

Relinquished (Client): Date: 02/12/16 Time: 07:32

Received (Lab): Date: 2/13/16 Time: 10:45 AM

Comments/Special Instructions:

**EMSL Analytical, Inc**

464 McCormick Street, San Leandro, CA 94577

Phone/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com>sanleandrolab@emsl.com

EMSL Order: 091602604

CustomerID: 32VEOK25

CustomerPO:

ProjectID:

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
 Fax:
 Received: 02/13/16 10:45 AM
 Collected:

Project: FORA/161091001

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
HH4446-LS01	091602604-0001		2/17/2016	<40 mg/Kg
	Site: SOIL -4PT COMPOSITE NORTH SIDE			
HH4446-LS02	091602604-0002		2/17/2016	<40 mg/Kg
	Site: SOIL -4PT COMPOSITE, EAST SIDE			
HH4446-LS03	091602604-0003		2/17/2016	<41 mg/Kg
	Site: SOIL -4PT COMPOSITE, SOUTH SIDE			
HH4446-LS04	091602604-0004		2/17/2016	<40 mg/Kg
	Site: SOIL -4PT COMPOSITE, WEST SIDE			

Chris Dojlidko, Laboratory Manager
 or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Initial report from 02/17/2016 15:34:25

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only)

091602604

Phone:
Fax:

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

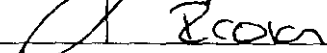
Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> <small>*If no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input checked="" type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: Chris Burns **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
HH4446-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
HH4446-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
HH4446-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
HH4446-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample #'s: _____ **Total # of Samples:** 4

Relinquished (Client):  **Date:** 02/12/16 **Time:** 0732

Received (Lab):  **Date:** 2-14-16 **Time:** 10:45am

Comments: 2.1310

RP4451

RP4451
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
RP4451-AS01	North Side	ND
RP4451-AS02	East Side	ND
RP4451-AS03	South Side	ND
RP4451-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
RP4451-LS01	North Side	<43
RP4451-LS02	East Side	<40
RP4451-LS03	South Side	<41
RP4451-LS04	West Side	<40



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Tel/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602738

Customer ID: 32VEOK25

Customer PO:

Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (510) 346-8860

Fax:

Received Date: 02/13/2016 10:45 AM

Analysis Date: 02/19/2016

Collected Date:

Project: FORA/161091001

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
RP4451-AS01	Soil - 4 pt composite, N side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602738-0001 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
RP4451-AS02	Soil - 4 pt composite, E side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602738-0002 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
RP4451-AS03	Soil - 4 pt composite, S side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602738-0003 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
RP4451-AS04	Soil - 4 pt composite, W side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602738-0004 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					

Analyst(s)

Adam C. Fink (4)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/19/2016 23:05:06



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only)

091602738

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE (510) 895-3675
FAX (510) 895-3680

Company : Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2 5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0 1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm

Check For Positive Stop - Clearly Identify Homogenous Group Filter Pore Size (Air Samples): 0.8µm 0.45µm

Samplers Name: Chris Burns Samplers Signature: _____

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
RP4451-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
RP4451-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
RP4451-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
RP4451-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample # (s):	-	Total # of Samples:	4
Relinquished (Client):	Date: 02/12/16	Time: 0741	
Received (Lab):	Date: 2/13/16	Time: 10:45 wjt	
Comments/Special Instructions:			



EMSL Analytical, Inc

464 McCormick Street, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> sanleandrolab@emsl.com

EMSL Order: 091602599
CustomerID: 32VEOK25
CustomerPO:
ProjectID:

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
Fax:
Received: 02/13/16 10:45 AM
Collected:

Project: **FORA/161091001**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
RP4451-LS01	091602599-0001		2/16/2016	<43 mg/Kg
	Site: SOIL -4PT COMPOSITE NORTH SIDE			
RP4451-LS02	091602599-0002		2/16/2016	<40 mg/Kg
	Site: SOIL -4PT COMPOSITE, EAST SIDE			
RP4451-LS03	091602599-0003		2/16/2016	<41 mg/Kg
	Site: SOIL -4PT COMPOSITE, SOUTH SIDE			
RP4451-LS04	091602599-0004		2/16/2016	<40 mg/Kg
	Site: SOIL -4PT COMPOSITE, WEST SIDE			

Chris Dojlidko, Laboratory Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

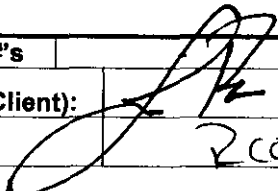
Initial report from 02/16/2016 13:58:22

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

091602599

PHONE:
FAX:

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>		
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>		
City: San leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA	
Report To (Name): Chris Burns		Telephone #: 510-346-8860		
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:	
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail		
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt		
Turnaround Time (TAT) Options* - Please Check				
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour	
<input type="checkbox"/> 72 Hour	<input type="checkbox"/> 96 Hour	<input checked="" type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Week	
<small>*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide</small>				
Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> <small>*If no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input checked="" type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other: <input type="checkbox"/>				
Name of Sampler: Chris Burns		Signature of Sampler:		
Sample #	Location	Volume/Area	Date/Time Sampled	
RP4451-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE			
RP4451-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE			
RP4451-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE			
RP4451-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE			
Client Sample #'s		Total # of Samples: 4		
Relinquished (Client):		Date: 02/12/10	Time: 0740	
Received (Lab):	2006	Date: 2.13.10	Time: 10.45am	
Comments: WF				

RP4452

RP4452
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
RP4452-AS01	North Side	ND
RP4452-AS02	East Side	ND
RP4452-AS03	South Side	ND
RP4452-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
RP4452-LS01	North Side	<43
RP4452-LS02	East Side	<42
RP4452-LS03	South Side	<43
RP4452-LS04	West Side	<44



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Tel/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602666

Customer ID: 32VEOK25

Customer PO:

Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (510) 346-8860

Fax:

Received Date: 02/13/2016 10:45 AM

Analysis Date: 02/19/2016

Collected Date:

Project: FORA/161091001

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
RP4452-AS01	Soil - 4 pt composite, N side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602666-0001 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
RP4452-AS02	Soil - 4 pt composite, E side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602666-0002 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
RP4452-AS03	Soil - 4 pt composite, S side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602666-0003 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
RP4452-AS04	Soil - 4 pt composite, W side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602666-0004 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					

Analyst(s)

Adam C. Fink (4)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/19/2016 22:49:42



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

091602666

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company : Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 2984 Teagarden Street		Third Party Billing requires written authorization from third party	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique Other: <input type="checkbox"/>

Check For Positive Stop - Clearly Identify Homogenous Group Filter Pore Size (Air Samples): 0.8µm 0.45µm

Samplers Name: Chris Burns Samplers Signature: _____

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
RP4452-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
RP4452-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
RP4452-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
RP4452-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample # (s): _____ Total # of Samples: **4**

Relinquished (Client): Date: **02/12/16** Time: **0740**

Received (Lab): Date: **2/13/16** Time: **10:45 WJ**

Comments/Special Instructions: _____



EMSL Analytical, Inc

464 McCormick Street, San Leandro, CA 94577

Phone/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com>

sanleandrolab@emsl.com

EMSL Order:	091602653
CustomerID:	32VEOK25
CustomerPO:	
ProjectID:	

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
 Fax:
 Received: 02/13/16 10:45 AM
 Collected:

Project: **FORA/161091001**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
RP4452-LS01	091602653-0001		2/18/2016	<43 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, NORTH SIDE			
RP4452-LS02	091602653-0002		2/18/2016	<42 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, EAST SIDE			
RP4452-LS03	091602653-0003		2/18/2016	<43 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, SOUTH SIDE			
RP4452-LS04	091602653-0004		2/18/2016	<44 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, WEST SIDE			

Chris Dojlidko, Laboratory Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Initial report from 02/19/2016 10:40:00

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

091602653

PHONE:

FAX:

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour	<input type="checkbox"/> 72 Hour	<input type="checkbox"/> 96 Hour	<input checked="" type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Week
---------------------------------	---------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	--	---------------------------------

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> <small>*if no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input checked="" type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: Chris Burns **Signature of Sampler:** _____

Sample #	Location	Volume/Area	Date/Time Sampled
RP4452-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
RP4452-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
RP4452-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
RP4452-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample #'s	Total # of Samples: 4
Relinquished (Client):	Date: 02/12/16 Time: 0740
Received (Lab):	Date: 2/13/16 Time: 10:45am

Comments: 145

RP4454

RP4454
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
RP4454-AS01	North Side	ND
RP4454-AS02	East Side	ND
RP4454-AS03	South Side	ND
RP4454-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
RP4454-LS01	North Side	<40
RP4454-LS02	East Side	<41
RP4454-LS03	South Side	58
RP4454-LS04	West Side	<40



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Tel/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602741

Customer ID: 32VEOK25

Customer PO:

Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (510) 346-8860

Fax:

Received Date: 02/13/2016 10:45 AM

Analysis Date: 02/19/2016

Collected Date:

Project: FORA/161091001

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
RP4454-AS01	Soil - 4 pt composite, N side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602741-0001 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
RP4454-AS02	Soil - 4 pt composite, E side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602741-0002 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
RP4454-AS03	Soil - 4 pt composite, S side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602741-0003 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
RP4454-AS04	Soil - 4 pt composite, W side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602741-0004 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					

Analyst(s)

Adam C. Fink (4)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/19/2016 23:10:18



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

091602741

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company : Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide</small>			
PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)		Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm	
Samplers Name: Chris Burns		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
RP4454-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
RP4454-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
RP4454-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
RP4454-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		
Client Sample # (s):		Total # of Samples: 4	
Relinquished (Client):		Date: 02/12/16	Time: 0739
Received (Lab):		Date: 2/13/16	Time: 10:45 WJ
Comments/Special Instructions:			



EMSL Analytical, Inc

464 McCormick Street, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> sanleandrolab@emsl.com

EMSL Order: 091602661
CustomerID: 32VEOK25
CustomerPO:
ProjectID:

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
Fax:
Received: 02/13/16 10:45 AM
Collected:

Project: **FORA/161091001**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
RP4454-LS01	091602661-0001	2/19/2016		<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, NORTH SIDE			
RP4454-LS02	091602661-0002	2/19/2016		<41 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, EAST SIDE			
RP4454-LS03	091602661-0003	2/19/2016		58 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, SOUTH SIDE			
RP4454-LS04	091602661-0004	2/19/2016		<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, WEST SIDE			

Chris Dojlidko, Laboratory Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Report Amended: 02/19/2016 15:11:20 Replaces the Initial Report . Reason Code: Data Entry-Change to Appearance

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

091602661

PHONE:
FAX:

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> <small>*If no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input checked="" type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: Chris Burns Signature of Sampler: _____

Sample #	Location	Volume/Area	Date/Time Sampled
RP4454-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
RP4454-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
RP4454-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
RP4454-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample #'s: _____ Total # of Samples: **9**

Relinquished (Client): Date: **02/12/16** Time: **0739**

Received (Lab): _____ Date: **2/13/16** Time: **10:45am**

Comments: **165**

RP4456

RP4456
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
RP4456-AS01	North Side	ND
RP4456-AS02	East Side	ND
RP4456-AS03	South Side	ND
RP4456-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
RP4456-LS01	North Side	<43
RP4456-LS02	East Side	<42
RP4456-LS03	South Side	<42
RP4456-LS04	West Side	<41



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577
Tel/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602742
Customer ID: 32VEOK25
Customer PO:
Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577
Project: FORA/161091001

Phone: (510) 346-8860
Fax:
Received Date: 02/13/2016 10:45 AM
Analysis Date: 02/19/2016
Collected Date:

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
RP4456-AS01	Soil - 4 pt composite, N side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602742-0001 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
RP4456-AS02	Soil - 4 pt composite, E side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602742-0002 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
RP4456-AS03	Soil - 4 pt composite, S side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602742-0003 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
RP4456-AS04	Soil - 4 pt composite, W side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602742-0004 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					

Analyst(s)
Adam C. Fink (4)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%
Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/19/2016 23:11:24



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only)

091602742

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company : Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide</small>			
PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr TWA		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)		Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm	
Samplers Name: Chris Burns		Samplers Signature: _____	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
RP4456-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
RP4456-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
RP4456-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
RP4456-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		
Client Sample # (s): -		Total # of Samples: 4	
Relinquished (Client):		Date: 02/12/16	Time: 0730
Received (Lab):		Date: 2/13/16	Time: 10:45 WJ
Comments/Special Instructions:			



EMSL Analytical, Inc

464 McCormick Street, San Leandro, CA 94577

Phone/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com>

sanleandrolab@emsl.com

EMSL Order:	091602651
CustomerID:	32VEOK25
CustomerPO:	
ProjectID:	

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
 Fax:
 Received: 02/13/16 10:45 AM
 Collected:

Project: **FORA/161091001**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
RP4456-LS01	091602651-0001	2/18/2016		<43 mg/Kg
Site: SOIL - 4 PT COMPOSITE, NORTH SIDE				
RP4456-LS02	091602651-0002	2/18/2016		<42 mg/Kg
Site: SOIL - 4 PT COMPOSITE, EAST SIDE				
RP4456-LS03	091602651-0003	2/18/2016		<42 mg/Kg
Site: SOIL - 4 PT COMPOSITE, SOUTH SIDE				
RP4456-LS04	091602651-0004	2/18/2016		<41 mg/Kg
Site: SOIL - 4 PT COMPOSITE, WEST SIDE				

Chris Dojlidko, Laboratory Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Initial report from 02/19/2016 10:32:10

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

091602651

PHONE:
FAX:

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* <input type="checkbox"/> ASTM non ASTM <small>*If no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input checked="" type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: Chris Burns		Signature of Sampler:	
Sample #	Location	Volume/Area	Date/Time Sampled
RP4456-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
RP4456-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
RP4456-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
RP4456-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE		
Client Sample #'s		Total # of Samples: 4	
Relinquished (Client):		Date: 02/12/10	Time: 0759
Received (Lab):		Date: 2/13/10	Time: 10:45am
Comments: 1025			

RP4457

RP4457
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
RP4457-AS01	North Side	ND
RP4457-AS02	East Side	ND
RP4457-AS03	South Side	ND
RP4457-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
RP4457-LS01	North Side	<42
RP4457-LS02	East Side	<44
RP4457-LS03	South Side	<40
RP4457-LS04	West Side	<40



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577
Tel/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602688
Customer ID: 32VEOK25
Customer PO:
Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577
Project: FORA/161091001

Phone: (510) 346-8860
Fax:
Received Date: 02/13/2016 10:45 AM
Analysis Date: 02/20/2016
Collected Date:

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
RP4457-AS01	Soil - 4 pt composite, N side	Brown Fibrous Homogeneous	6% Cellulose	30% Quartz 10% Gypsum 54% Non-fibrous (Other)	None Detected
<small>091602688-0001 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
RP4457-AS02	Soil - 4 pt composite, E side	Brown Non-Fibrous Homogeneous		25% Quartz 10% Gypsum 65% Non-fibrous (Other)	None Detected
<small>091602688-0002 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
RP4457-AS03	Soil - 4 pt composite, S side	Brown Fibrous Homogeneous	5% Cellulose	30% Quartz 15% Gypsum 50% Non-fibrous (Other)	None Detected
<small>091602688-0003 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
RP4457-AS04	Soil - 4 pt composite, W side	Brown Fibrous Homogeneous	3% Cellulose	25% Quartz 10% Gypsum 62% Non-fibrous (Other)	None Detected
<small>091602688-0004 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					

Analyst(s)
Jared Martin (4)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/20/2016 15:25:31



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

091602688

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company : Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique Other: <input type="checkbox"/>

Check For Positive Stop - Clearly Identify Homogenous Group Filter Pore Size (Air Samples): 0.8µm 0.45µm

Samplers Name: Chris Burns Samplers Signature: _____

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
RP4457-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
RP4457-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
RP4457-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
RP4457-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample # (s):	-	Total # of Samples:	4
Relinquished (Client):	Date:	02/12/16	Time: 0738
Received (Lab):	Date:	2/13/16	Time: 1045 WJ
Comments/Special Instructions:			



EMSL Analytical, Inc

464 McCormick Street, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> sanleandrolab@emsl.com

EMSL Order: 091602665
CustomerID: 32VEOK25
CustomerPO:
ProjectID:

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
Fax:
Received: 02/13/16 10:45 AM
Collected:

Project: **FORA/161091001**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
RP4457-LS01	091602665-0001		2/15/2016	<42 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, NORTH SIDE			
RP4457-LS02	091602665-0002		2/15/2016	<44 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, EAST SIDE			
RP4457-LS03	091602665-0003		2/15/2016	<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, SOUTH SIDE			
RP4457-LS04	091602665-0004		2/15/2016	<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, WEST SIDE			

Chris Dojlidko, Laboratory Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Report Amended: 02/17/2016 11:29:24 Replaces the Initial Report . Reason Code: Data Entry-Change to Appearance

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

091602665

PHONE:

FAX:

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

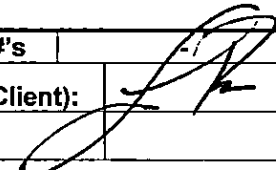
*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> <small>*if no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input checked="" type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: Chris Burns **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
RP4457-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
RP4457-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
RP4457-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
RP4457-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample #'s _____ **Total # of Samples:** 4

Relinquished (Client):  **Date:** 02/12/16 **Time:** 0737

Received (Lab): _____ **Date:** 2/13/16 **Time:** 10:45 am

Comments: _____ KLS

RP4466

RP4466
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
RP4466-AS01	North Side	ND
RP4466-AS02	East Side	ND
RP4466-AS03	South Side	ND
RP4466-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
RP4466-LS01	North Side	<44
RP4466-LS02	East Side	<40
RP4466-LS03	South Side	<42
RP4466-LS04	West Side	<40



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Tel/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602735

Customer ID: 32VEOK25

Customer PO:

Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (510) 346-8860

Fax:

Received Date: 02/13/2016 10:45 AM

Analysis Date: 02/19/2016

Collected Date:

Project: FORA/161091001

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
RP4466-AS01	Soil - 4 pt composite, N side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602735-0001 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
RP4466-AS02	Soil - 4 pt composite, E side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602735-0002 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
RP4466-AS03	Soil - 4 pt composite, S side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602735-0003 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
RP4466-AS04	Soil - 4 pt composite, W side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<small>091602735-0004 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					

Analyst(s)

Adam C. Fink (4)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/19/2016 23:03:59



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only)

091602735

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company: Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr TWA	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique Other: <input type="checkbox"/>

Check For Positive Stop - Clearly Identify Homogenous Group **Filter Pore Size (Air Samples):** 0.8µm 0.45µm

Samplers Name: Chris Burns **Samplers Signature:** _____

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
RP4466-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
RP4466-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
RP4466-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
RP4466-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample # (s): -	Total # of Samples: 4
Relinquished (Client):	Date: 02/12/16 Time: 0737
Received (Lab):	Date: 2/13/16 Time: 10:45 WJ
Comments/Special Instructions:	



EMSL Analytical, Inc

464 McCormick Street, San Leandro, CA 94577

Phone/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com>

sanleandrolab@emsl.com

EMSL Order:	091602650
CustomerID:	32VEOK25
CustomerPO:	
ProjectID:	

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
 Fax:
 Received: 02/13/16 10:45 AM
 Collected:

Project: **FORA/161091001**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
RP4466-LS01	091602650-0001	2/18/2016		<44 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, NORTH SIDE			
RP4466-LS02	091602650-0002	2/18/2016		<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, EAST SIDE			
RP4466-LS03	091602650-0003	2/18/2016		<42 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, SOUTH SIDE			
RP4466-LS04	091602650-0004	2/18/2016		<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, WEST SIDE			

Chris Dojlidko, Laboratory Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

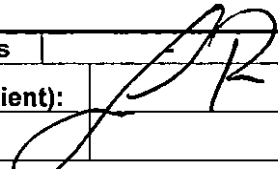
Initial report from 02/19/2016 10:27:57

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

091602650

PHONE:
FAX:

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>		
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>		
City: San leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA	
Report To (Name): Chris Burns		Telephone #: 510-346-8860		
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:	
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail		
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt		
Turnaround Time (TAT) Options* - Please Check				
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour	
<input type="checkbox"/> 72 Hour	<input type="checkbox"/> 96 Hour	<input checked="" type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Week	
<small>*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide</small>				
Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> <small>*if no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input checked="" type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other: <input type="checkbox"/>				
Name of Sampler: Chris Burns		Signature of Sampler:		
Sample #	Location	Volume/Area	Date/Time Sampled	
RP4466-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE			
RP4466-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE			
RP4466-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE			
RP4466-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE			
Client Sample #'s		Total # of Samples:		4
Relinquished (Client):		Date:	02/12/10	Time: 0737
Received (Lab):		Date:	2/13/10	Time: 10:45 am
Comments: LJS				

RP4467

RP4467
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
RP4467-AS01	North Side	ND
RP4467-AS02	East Side	ND
RP4467-AS03	South Side	ND
RP4467-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
RP4467-LS01	North Side	<40
RP4467-LS02	East Side	<43
RP4467-LS03	South Side	<42
RP4467-LS04	West Side	<41



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577
Tel/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602748
Customer ID: 32VEOK25
Customer PO:
Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577
Project: FORA/161091001

Phone: (510) 346-8860
Fax:
Received Date: 02/13/2016 10:45 AM
Analysis Date: 02/20/2016
Collected Date:

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
RP4467-AS01	Soil - 4 pt composite, N side	Brown Fibrous Homogeneous	2% Cellulose	35% Quartz 5% Gypsum 58% Non-fibrous (Other)	None Detected
<i>091602748-0001 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>					
RP4467-AS02	Soil - 4 pt composite, E side	Brown Non-Fibrous Homogeneous	2% Cellulose	35% Quartz 63% Non-fibrous (Other)	None Detected
<i>091602748-0002 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>					
RP4467-AS03	Soil - 4 pt composite, S side	Brown Non-Fibrous Homogeneous	1% Cellulose	25% Quartz 15% Gypsum 59% Non-fibrous (Other)	None Detected
<i>091602748-0003 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>					
RP4467-AS04	Soil - 4 pt composite, W side	Brown Non-Fibrous Homogeneous		20% Quartz 5% Gypsum 75% Non-fibrous (Other)	None Detected
<i>091602748-0004 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>					

Analyst(s)
Jared Martin (4)

Chris Dojlikdo, Laboratory Manager
or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/20/2016 09:40:50



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

091602748

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company : Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		Third Party Billing requires written authorization from third party	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide</small>			
PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr TWA		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198 4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm	
Samplers Name: Chris Burns		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
RP4467-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
RP4467-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
RP4467-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
RP4467-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		
Client Sample # (s):		Total # of Samples: 4	
Relinquished (Client):		Date: 02/12/16	Time: 0737
Received (Lab):		Date: 02/13/16	Time: 10:45 WJ
Comments/Special Instructions:			



EMSL Analytical, Inc

464 McCormick Street, San Leandro, CA 94577

Phone/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com>

sanleandrolab@emsl.com

EMSL Order:	091602655
CustomerID:	32VEOK25
CustomerPO:	
ProjectID:	

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
 Fax:
 Received: 02/13/16 10:45 AM
 Collected:

Project: **FORA/161091001**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
RP4467-LS01	091602655-0001	2/18/2016		<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, NORTH SIDE			
RP4467-LS02	091602655-0002	2/18/2016		<43 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, EAST SIDE			
RP4467-LS03	091602655-0003	2/18/2016		<42 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, SOUTH SIDE			
RP4467-LS04	091602655-0004	2/18/2016		<41 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, WEST SIDE			

Chris Dojlidko, Laboratory Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Initial report from 02/19/2016 10:35:03

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

091602655

PHONE:

FAX:

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* <input type="checkbox"/> ASTM <input type="checkbox"/> non ASTM <small>*If no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input checked="" type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater <input type="checkbox"/> Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water <input type="checkbox"/> Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: Chris Burns **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
RP4467-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
RP4467-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
RP4467-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
RP4467-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample #'s		Total # of Samples:	4
Relinquished (Client):		Date:	02/12/16
Received (Lab):		Date:	2/13/16
Comments:		Time:	0730
		Time:	10:45 am
			145

RP4469

RP4469
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
RP4469-AS01	North Side	ND
RP4469-AS02	East Side	ND
RP4469-AS03	South Side	ND
RP4469-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
RP4469-LS01	North Side	<40
RP4469-LS02	East Side	<40
RP4469-LS03	South Side	<42
RP4469-LS04	West Side	<43



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577
Tel/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602749
Customer ID: 32VEOK25
Customer PO:
Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577
Project: FORA/161091001
Phone: (510) 346-8860
Fax:
Received Date: 02/13/2016 10:45 AM
Analysis Date: 02/20/2016
Collected Date:

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
RP4469-AS01	Soil - 4 pt composite, N side	Brown Fibrous Homogeneous	2% Cellulose	25% Quartz 5% Gypsum 68% Non-fibrous (Other)	None Detected
<small>091602749-0001 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
RP4469-AS02	Soil - 4 pt composite, E side	Brown Fibrous Homogeneous	5% Cellulose	20% Quartz 10% Gypsum 65% Non-fibrous (Other)	None Detected
<small>091602749-0002 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
RP4469-AS03	Soil - 4 pt composite, S side	Brown Fibrous Homogeneous	3% Cellulose	20% Quartz 77% Non-fibrous (Other)	None Detected
<small>091602749-0003 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
RP4469-AS04	Soil - 4 pt composite, W side	Brown Non-Fibrous Homogeneous		30% Quartz 5% Gypsum 65% Non-fibrous (Other)	None Detected
<small>091602749-0004 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					

Analyst(s)
Jared Martin (4)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/20/2016 11:47:58



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only)

091602749

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company : Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 2984 Teagarden Street		Third Party Billing requires written authorization from third party	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide

PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec 2 5	Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm

Samplers Name: Chris Burns Samplers Signature: _____

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
RP4469-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
RP4469-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
RP4469-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
RP4469-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample # (s):	-	Total # of Samples:
Relinquished (Client):	Date: 02/12/16	Time: 0736
Received (Lab):	Date: 2/13/16	Time: 10:45 WJ
Comments/Special Instructions:		



EMSL Analytical, Inc

464 McCormick Street, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> sanleandrolab@emsl.com

EMSL Order: 091602648
CustomerID: 32VEOK25
CustomerPO:
ProjectID:

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
Fax:
Received: 02/13/16 10:45 AM
Collected:

Project: **FORA/161091001**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
RP4469-LS01	091602648-0001		2/17/2016	<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, NORTH SIDE			
RP4469-LS02	091602648-0002		2/17/2016	<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, EAST SIDE			
RP4469-LS03	091602648-0003		2/17/2016	<42 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, SOUTH SIDE			
RP4469-LS04	091602648-0004		2/17/2016	<43 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, WEST SIDE			

Chris Dojlidko, Laboratory Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Initial report from 02/18/2016 10:01:33

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

091602648

PHONE:
FAX:

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> <small>*if no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input checked="" type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: Chris Burns		Signature of Sampler:	
Sample #	Location	Volume/Area	Date/Time Sampled
RP4469-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
RP4469-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
RP4469-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
RP4469-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE		
Client Sample #'s		Total # of Samples: 4	
Relinquished (Client):		Date: 02/12/16	Time: 0736
Received (Lab):		Date: 2/13/16	Time: 10:45
Comments:			kjs

RP4471

RP4471
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
RP4471-AS01	North Side	ND
RP4471-AS02	East Side	ND
RP4471-AS03	South Side	ND
RP4471-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
RP4471-LS01	North Side	<40
RP4471-LS02	East Side	<42
RP4471-LS03	South Side	<40
RP4471-LS04	West Side	<44



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Tel/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602739

Customer ID: 32VEOK25

Customer PO:

Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (510) 346-8860

Fax:

Received Date: 02/13/2016 10:45 AM

Analysis Date: 02/19/2016

Collected Date:

Project: FORA/161091001

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
RP4471-AS01	Soil - 4 pt composite, N side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>091602739-0001 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>					
RP4471-AS02	Soil - 4 pt composite, E side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>091602739-0002 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>					
RP4471-AS03	Soil - 4 pt composite, S side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>091602739-0003 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>					
RP4471-AS04	Soil - 4 pt composite, W side	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>091602739-0004 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</i>					

Analyst(s)

Adam C. Fink (4)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/19/2016 23:07:25



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only)

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE (510) 895-3675
FAX: (510) 895-3680

~~091602739~~ 091602739
ARD 2/16/16

Company : Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		Third Party Billing requires written authorization from third party	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide</small>			
PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)		Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm	
Samplers Name: Chris Burns		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
RP4471-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
RP4471-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
RP4471-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
RP4471-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		
Client Sample # (s):		Total # of Samples: 4	
Relinquished (Client):		Date: 02/12/16	Time: 0735
Received (Lab):		Date: 2/13/16	Time: 10:45 WJ
Comments/Special Instructions:			



EMSL Analytical, Inc

464 McCormick Street, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> sanleandrolab@emsl.com

EMSL Order: 091602605
CustomerID: 32VEOK25
CustomerPO:
ProjectID:

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
Fax:
Received: 02/13/16 10:45 AM
Collected:

Project: **FORA/161091001**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
RP4471-LS01	091602605-0001		2/17/2016	<40 mg/Kg
	Site: SOIL -4PT COMPOSITE NORTH SIDE			
RP4471-LS02	091602605-0002		2/17/2016	<42 mg/Kg
	Site: SOIL -4PT COMPOSITE, EAST SIDE			
RP4471-LS03	091602605-0003		2/17/2016	<40 mg/Kg
	Site: SOIL -4PT COMPOSITE, SOUTH SIDE			
RP4471-LS04	091602605-0004		2/17/2016	<44 mg/Kg
	Site: SOIL -4PT COMPOSITE, WEST SIDE			

Chris Dojlidko, Laboratory Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

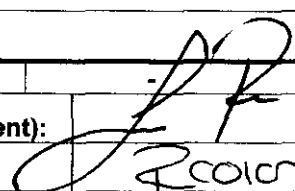
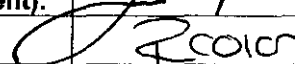
Initial report from 02/17/2016 15:36:29

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only)

091602605

PHONE:
FAX:

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>		
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>		
City: San leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA	
Report To (Name): Chris Burns		Telephone #: 510-346-8860		
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:	
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail		
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt		
Turnaround Time (TAT) Options* - Please Check				
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour	
<input type="checkbox"/> 72 Hour	<input type="checkbox"/> 96 Hour	<input checked="" type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Week	
<small>*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide</small>				
Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* <small>ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> *if no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil X	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input checked="" type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				
Name of Sampler: Chris Burns			Signature of Sampler:	
Sample #	Location	Volume/Area	Date/Time Sampled	
RP4471-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE			
RP4471-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE			
RP4471-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE			
RP4471-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE			
Client Sample #'s			Total # of Samples: 4	
Relinquished (Client):		Date: 02/12/16	Time: 0735	
Received (Lab):		Date: 2.13.16	Time: 10:45	
Comments:				

RP4472

RP4472
BACKGROUND SOIL SAMPLING SUMMARY

Asbestos

SAMPLE #	LOCATION	RESULT (% wt)
RP4472-AS01	North Side	ND
RP4472-AS02	East Side	ND
RP4472-AS03	South Side	ND
RP4472-AS04	West Side	ND

Lead

SAMPLE #	LOCATION	RESULT (mg/kg)
RP4472-LS01	North Side	<42
RP4472-LS02	East Side	<45
RP4472-LS03	South Side	<43
RP4472-LS04	West Side	<40



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Tel/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091602687

Customer ID: 32VEOK25

Customer PO:

Project ID:

Attention: CHRIS BURNS
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (510) 346-8860

Fax:

Received Date: 02/13/2016 10:45 AM

Analysis Date: 02/20/2016

Collected Date:

Project: FORA/161091001

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
RP4472-AS01	Soil - 4 pt composite, N side	Brown Fibrous Homogeneous	4% Cellulose	20% Quartz 10% Gypsum 66% Non-fibrous (Other)	None Detected
<small>091602687-0001 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
RP4472-AS02	Soil - 4 pt composite, E side	Brown Non-Fibrous Homogeneous	2% Cellulose	20% Quartz 15% Gypsum 63% Non-fibrous (Other)	None Detected
<small>091602687-0002 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
RP4472-AS03	Soil - 4 pt composite, S side	Brown Fibrous Homogeneous	4% Cellulose	15% Quartz 10% Gypsum 71% Non-fibrous (Other)	None Detected
<small>091602687-0003 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					
RP4472-AS04	Soil - 4 pt composite, W side	Brown Non-Fibrous Homogeneous		20% Quartz 10% Gypsum 70% Non-fibrous (Other)	None Detected
<small>091602687-0004 Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep</small>					

Analyst(s)

Jared Martin (4)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial Report From: 02/20/2016 13:50:20



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only)

091602687

EMSL ANALYTICAL, INC.
2235 POLVOROSA DR #230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company : Vista Environmental Consulting, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		<i>Third Party Billing requires written authorization from third party</i>	
City: San Leandro	State/Province: CA	Zip/Postal Code: 94577	Country: US
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com; molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm	
Samplers Name: Chris Burns		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
RP4472-AS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
RP4472-AS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
RP4472-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
RP4472-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE		
Client Sample # (s): -		Total # of Samples: 4	
Relinquished (Client):		Date: 02/12/16	Time: 0733
Received (Lab):		Date: 2/13/16	Time: 10:45 WJ
Comments/Special Instructions:			



EMSL Analytical, Inc

464 McCormick Street, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> sanleandrolab@emsl.com

EMSL Order: 091602646
CustomerID: 32VEOK25
CustomerPO:
ProjectID:

Attn: **CHRIS BURNS**
Vista Environmental Consulting, Inc.
2984 Teagarden St
San Leandro, CA 94577

Phone: (925) 254-3196
Fax:
Received: 02/13/16 10:45 AM
Collected:

Project: **FORA/161091001**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
RP4472-LS01	091602646-0001		2/17/2016	<42 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, NORTH SIDE			
RP4472-LS02	091602646-0002		2/17/2016	<45 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, EAST SIDE			
RP4472-LS03	091602646-0003		2/17/2016	<43 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, SOUTH SIDE			
RP4472-LS04	091602646-0004		2/17/2016	<40 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, WEST SIDE			

Chris Dojlidko, Laboratory Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, LLC unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Initial report from 02/18/2016 09:56:16

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

091602646

PHONE:
FAX:

Company: Vista Environmental Consulting		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2984 Teagarden Street		Third Party Billing requires written authorization from third party	
City: San leandro	State/Province: CA	Zip/Postal Code: 94577	Country: USA
Report To (Name): Chris Burns		Telephone #: 510-346-8860	
Email Address: chrisburns@vista-env.com, molli@vista-env.com		Fax #:	Purchase Order:
Project Name/Number: FORA/161091001		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour 6 Hour 24 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* <input type="checkbox"/> ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> <small>*If no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil <input checked="" type="checkbox"/>	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input checked="" type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: Chris Burns

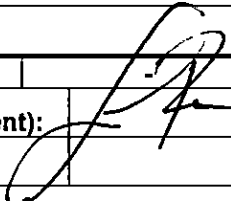
Signature of Sampler:

Sample #	Location	Volume/Area	Date/Time Sampled
RP4472-LS01	SOIL - 4 PT COMPOSITE, NORTH SIDE		
RP4472-LS02	SOIL - 4 PT COMPOSITE, EAST SIDE		
RP4472-LS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE		
RP4472-LS04	SOIL - 4 PT COMPOSITE, WEST SIDE		

Client Sample #'s

Total # of Samples: 4

Relinquished (Client):



Date: 02/12/16

Time: 0735

Received (Lab):

Date:

Time:

Comments: