

5201-40-410-04 Task 2 - Site Soil Background Survey Surplus II, 27 Buildings Seaside, California





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

March 4, 2016

Project No. 161091001

TABLE OF CONTENTS

EXECUTIVE SUMMARY

		PAGE
1.	INTRODUCTION	1
2.	METHODOLOGY	1
3.	RESULTS	2
4.	RECOMMENDATIONS	2

APPENDICES

A. BUILDING I	DATA
	Soil Sampling Summary
	Asbestos Analytical Reports
	Lead Analytical Reports

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.



FOR A – Surplus II, Task 2 Site Soil Background Survey Report March 4, 2016 Project No. 161091001

Respectfully Submitted, Vista Environmental Consulting



Reviewed and Approved C

Charles R. Bove Principal CAC #92-0160

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



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.

Vista Environmental Consulting, 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:

 Phone:
 (510) 346-8860

 Fax:

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

 Analysis Date:
 02/20/2016

 Collected Date:

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

			Non-Asbe	stos	Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре
AD4408-AS01	Soil - 4 pt composite,	Brown	2% Cellulose	15% Quartz	None Detected
	N side	Non-Fibrous		5% Gypsum	
091602684-0001		Homogeneous		78% Non-fibrous (Other)	
Soil is a problem matrix. O	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
AD4408-AS02	Soil - 4 pt composite,	Brown		40% Quartz	None Detected
	E side	Non-Fibrous		60% Non-fibrous (Other)	
091602684-0002		Homogeneous			
Soil is a problem matrix. O	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
AD4408-AS03	Soil - 4 pt composite,	Brown	3% Cellulose	15% Quartz	None Detected
	S side	Fibrous		10% Gypsum	
091602684-0003		Homogeneous		72% Non-fibrous (Other)	
Soil is a problem matrix. O	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep	· · · · · · · · · · · · · · · · · · ·	
AD4408-AS04	Soil - 4 pt composite,	Brown	2% Cellulose	20% Quartz	None Detected
	W side	Fibrous		10% Gypsum	
091602684-0004		Homogeneous		68% Non-fibrous (Other)	
Soil is a problem matrix. O	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		

Analyst(s)

Jared Martin (4)

Aciplicher

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

EMSI

EMSL ANALYTICAL, INC.

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

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

091002684

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

Company Vista Environmental Consulting Inc			EMSL-Bill to: X Same Different					
Company : VISIA EII		onsulti	ng, mc.	If Bill to is Different note instructions in Comments**				
Street: 2984 leaga	rden Street			Third Party Billing requires written authorization from third party				from third party
City: San Leandro	City: Sail Leandro State/Province: _CA			Zip/Postal Code: 94577 Country: 05				
Report To (Name): Chris Burns				Telephone #: 510-346-8860				
Email Address: christ	Email Address: chrisburns@vista-env.com; molli@vista-env.co						Purchase O	rder:
Project Name/Numbe	<u>r: FURA/1610</u>	091001		Please Provide R	esults:	E Fax	X Email	dential/Tax Evernot
0.5. State Samples In		Turna	round Time (TA)	Options* - Pleas	e Cher	k		dendar iax Exempt
3 Hour 6	Hour 24	4 Hour	48 Hour	72 Hour	9	6 Hour	🛛 1 Week	2 Week
*For TEM Air 3 hr through	6 hr, please call ahe	ead to sche	dule.*There is a pren	num charge for 3 Hour	TEM AH	ERA or EPA	Level II TAT.	You will be asked to sign
PCM - Air Check if	f samples are from	m NY	TEM – Air [] 4-	4.5hr TAT (AHERA of	nly)	TEM-DI	ust	ioarr nee Guide.
NIOSH 7400			AHERA 40 C	FR, Part 763	•/	Micro	vac - ASTM I	D 5755
W/ OSHA 8hr. TWA	4	ł	NIOSH 7402			🗌 Wipe	- ASTM D64	80
PLM - Bulk (reporting	limit)		EPA Level II			🔲 Carp	et Sonication	(EPA 600/J-93/167)
X PLM EPA 600/R-93	8/116 (<1%))	SO 10312		_	Soil/Roo	k/Vermiculi	te
DPLM EPA NOB (<1	%)	ſ	TEM - Bulk			🗋 PLM	CARB 435 - /	A (0.25% sensitivity)
Point Count			TEM EPA NO	В			CARB 435 - 1	B (0.1% sensitivity)
☐ 400 (<0.25%) ☐ 10	000 (<0 1%)		NYS NOB 198	3.4 (non-friable-NY)			CARB 435 - I	B (0.1% sensitivity)
Point Count w/Gravime	etric		Chatfield SOF	,			CARB 435 - (C (0.01% sensitivity)
□ 400 (<0.25%) □ 10	000 (<0.1%)	ŀ	LI TEM Mass An	alysis-EPA 600 sec	2,5		Qual. via Filti	ration Technique
NYS 198.1 (friable	in NY)	-	TEM - Water: El	EPA 100 2			p-Mount Technique	
□ NYS 198.6 NOB (n	ion-mable-NY)		Fibers >10µm	J vvaste 📋 Drink	ing ing	<u>Otner:</u>		
NIOSH 9002 (<1%)	·)		All riber Sizes		ing		······································	
Check For Positive Stop - Clearly Identify Homogenous Group Filter Pore Size (Air Samples): 0.45µm 0.45µm								
Check For Positiv	e Stop – Clearly	identify	Homogenous G	roup Filter Pore	Size (A	ir Sample	es): 0.8	um 🗌 0.45µm
Samplers Name: Cl	<u>e Stop – Clearly</u> nris Burns	Identify	Homogenous G	Samplers Sign	Size (A ature:	ir Sample	es): 20.6	um 🔲 0.45µm
Check For Positiv	e Stop – Clearly hris Burns	dentify	Homogenous G	Samplers Sign	Size (A ature:	Volume	es): 0.81	um 🗌 0.45µm Date/Time
Check For Positiv Samplers Name: Cr Sample #	e Stop - Clearly nris Burns	dentify	Homogenous Gi	roup Filter Pore Samplers Sign	Size (A ature:	Volume	es): 0.8) //Ar 6a (A ir) # (Bulk)	um 0.45µm Date/Time Sampled
Check For Positiv Samplers Name: Ch Sample # AD4408-AS01	e Stop – Clearly nris Burns SOIL - 4 PT	Identify s	Homogenous Gi ample Description POSITE, NOI	Samplers Sign	Size (A ature:	Volume HA	es): 0-6,9) /Ar ba (A fr) # (Bulk)	um 🔲 0.45µm Date/Time Sampled
Check For Positiv Samplers Name: Ch Sample # AD4408-AS01 AD4408-AS02	e Stop – Clearly nris Burns SOIL - 4 PT SOIL - 4 PT	Identify s COM	Homogenous Gi iample Description POSITE, NOI POSITE, EAS	Samplers Sign Samplers Sign RTH SIDE	Size (A ature:	Volume HA	es): 0-6,8) /Ar ba (A fr) # (Bulk)	um 🔲 0.45µm Date/Time Sampled
Check For Positiv Samplers Name: Ch Sample # AD4408-AS01 AD4408-AS02 AD4408-AS03	e Stop - Clearly nris Burns SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT	Identify S COMI COMF	Homogenous Gi ample Description POSITE, NOI POSITE, EAS POSITE, SOU	roup Filter Pore Samplers Sign on RTH SIDE ST SIDE TH SIDE	Size (A ature:	Volume HA	es): 0-6,9) /Ar ba (A fir) # (Bulk)	um 🔲 0.45µm Date/Time Sampled
Check For Positiv Samplers Name: Ch Sample # AD4408-AS01 AD4408-AS02 AD4408-AS03 AD4408-AS04	e Stop - Clearly nris Burns SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT	Identify S COMI COMF COMF	Homogenous Gi ample Description POSITE, NOI POSITE, EAS POSITE, SOU POSITE, WE	roup Filter Pore Samplers Sign On RTH SIDE ST SIDE TH SIDE ST SIDE	Size (A ature:	Volume HA	es): 0-6,8) /Ar ba (A fir) # (Bulk)	um 🔲 0.45µm Date/Time Sampled
Check For Positiv Samplers Name: Ch Sample # AD4408-AS01 AD4408-AS02 AD4408-AS03 AD4408-AS04	e Stop - Clearly nris Burns SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT	Identify S COMI COMF COMF	Homogenous Gi ample Description POSITE, NOI POSITE, EAS POSITE, SOU POSITE, WE	roup Filter Pore Samplers Sign on RTH SIDE ST SIDE TH SIDE ST SIDE	Size (A ature:	Volume HA	es): Ar ba (A fr) # (Bulk)	um 0.45µm Date/Time Sampled
Check For Positiv Samplers Name: Cf Sample # AD4408-AS01 AD4408-AS02 AD4408-AS03 AD4408-AS04	e Stop - Clearly nris Burns SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT	Identify S COMI COMF COMF	Homogenous Gi ample Description POSITE, NOI POSITE, EAS POSITE, SOU POSITE, WE	roup Filter Pore Samplers Sign On RTH SIDE ST SIDE TH SIDE ST SIDE	Size (A ature:		es): 4.6.9; /A.foa (Afr) # (Bulk)	Um 0.45µm Date/Time Sampled
Check For Positiv Samplers Name: Cf Sample # AD4408-AS01 AD4408-AS02 AD4408-AS03 AD4408-AS04	e Stop - Clearly nris Burns SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT	Identify S COM COM COM	Homogenous Gi ample Description POSITE, NOI POSITE, EAS POSITE, SOU POSITE, WE	roup Filter Pore Samplers Sign on RTH SIDE ST SIDE TH SIDE ST SIDE	Size (A ature:		es):	um [] 0.45µm Date/Time Sampled
Check For Positiv Samplers Name: Cf Sample # AD4408-AS01 AD4408-AS02 AD4408-AS03 AD4408-AS04	e Stop - Clearly nris Burns SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT	Identify S COM COM COM	Homogenous Gi ample Description POSITE, NOI POSITE, EAS POSITE, SOU POSITE, WE	roup Filter Pore Samplers Sign on RTH SIDE ST SIDE TH SIDE ST SIDE	Size (A ature:		es):	um 0.45µm Date/Time Sampled
Client Sample # (s):	e Stop - Clearly nris Burns SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT	Identify S COM COM COM	Homogenous Gi ample Description POSITE, NOI POSITE, EAS POSITE, SOU POSITE, WE	roup Filter Pore Samplers Sign on RTH SIDE ST SIDE ITH SIDE ST SIDE ST SIDE	Size (A ature:	Volume HA	es): 4-6-9; /Ar ba (Affr) # (Bulk)	um ☐ 0.45µm Date/Time Sampled
Client Sample # (s):	e Stop - Clearly nris Burns SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT	COMI COMI COMI	Homogenous Gi iample Description POSITE, NOI POSITE, EAS POSITE, SOU POSITE, WE	roup Filter Pore Samplers Sign on RTH SIDE ST SIDE TH SIDE ST SIDE ST SIDE	Size (A ature:	Volume HA	es): Ar ba (Afr) # (Bulk) # (Bulk)	Date/Time Sampled
Client Sample # (s): Relinquished (Client)	e Stop - Clearly nris Burns SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT		Homogenous Gi ample Description POSITE, NOI POSITE, EAS POSITE, SOU POSITE, WES DOSITE, WES Date:	roup Filter Pore Samplers Sign on RTH SIDE ST SIDE ST SIDE ST SIDE 2/10 (16	Size (A ature:	Volume HA	es): Ar ba (Afr) (Bulk) (Bulk) Samples: Time	Um □ 0.45µm Date/Time Sampled 24 24 120() 10:45 M H
Client Sample # (s): Received (Lab): Comments/Special In	e Stop - Clearly aris Burns SOIL - 4 PT SOIL - 4 PT		Homogenous Gi ample Description POSITE, NOI POSITE, EAS POSITE, SOU POSITE, WEI Dosite: Date:	roup Filter Pore Samplers Sign on RTH SIDE ST SIDE ITH SIDE ST SIDE ST SIDE 2/10 (16 13)	Size (A ature:	Volume HA	es): Arba (Affr) (Bulk) (Bulk) Samples: Time Time	Um □ 0.45µm Date/Time Sampled 4 1200 10.45µm
Client Sample # (s): Received (Lab): Comments/Special In	e Stop - Clearly nris Burns SOIL - 4 PT SOIL - 4 PT		Homogenous Gi ample Description POSITE, NOI POSITE, EAS POSITE, SOU POSITE, WER Dosite:	roup Filter Pore Samplers Sign on RTH SIDE ST SIDE TH SIDE ST SIDE 2/10(16 2/10(16	Size (A ature:	Volume HA	es): Ar ba (Afr) (Bulk) (Bulk) Samples: Time Time	Um □ 0.45µm Date/Time Sampled 4 1200 10:45 Wt

Controlled Document - Abbestos COC - R6 - 4/11/2012

Page 1 of 1 pages



Attn:CHRIS BURNSPhone:(925) 254-3196Vista Environmental Consulting, Inc.Fax:2984 Teagarden StReceived:02/13/16 10:45 AMSan Leandro, CA 94577Collected:2/10/2016

Project: FORA/161091001

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

Client Sample Description	Lab ID	Collected	Analyzed	Lead Concentration
AD4408-LS01	091602602-00	01 2/10/2016	2/16/2016	<42 mg/Kg
	Site: SOIL -4P	T COMPOSIT	E NORTH SIDE	
AD4408-LS02	091602602-00	02 2/10/2016	2/16/2016	<45 mg/Kg
	Site: SOIL -4P	T COMPOSIT	E, EAST SIDE	
AD4408-LS03	091602602-00	03 2/10/2016	2/16/2016	<41 mg/Kg
	Site: SOIL -4P	T COMPOSIT	E, SOUTH SIDE	
AD4408-LS04	091602602-00	04 2/10/2016	2/16/2016	<41 mg/Kg
	Site: SOIL -4P	T COMPOSIT	E, WEST SIDE	

Chin Dijlieller

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 reproduced 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

ł

Lead (Pb) Chain of Custody EMSL Order ID (Lab Use Only):

791002002

<u>. .</u> بر از دیر F 4 X

Company : Vi	sta Enviro	onmental C	onsulting		EMSL-Bill to: Different X Same If Bill to is Different note instructions in Comments**						
Street: 2984 T	eagarden Str	eet			Third Party Billing requires written authorization from third party						
City: San leand	ro	State/F	Province:	CA	Zip/Postal Code: 94577 Country: USA						
Report To (Name): Chris Burns					Telepho	ne #: {	510-346-8	860			
Email Address: chrisburns@vista-env.com_molli@vista-env.com					Fax #				D		
Project Name	Number FOR	A/161091001	<u> </u>		Diago D	rovido	Booultor	FA	x I Y		Mail
IIS State Sar	noles Takon	CA			CT Same		Commo				mail
0.0. 0 ale 0al	ipies iaken.	Т.	Irnaround 1	Lime (TA	T) Option	nes.		rcial/ laxa		kesidentiai/ i a	K Exempt
3 Hour			Hour T			2 Hou				Week 5	1 2 March
	*Ar	alvsis complete	d in accordance	e with EMS	L's Terms a	nd Con	ditions local	ted in the Pi	ice Guide		2 WEEK
	Matrix			Method			Instrum	ent	Rep	orting Limit	Check
Chips 🗌 % b	y wt. 🔲 mg/c	m² 🗌 ppm	SV	V846-7000E	3	Flam	ne Atomic A	bsorption		0.01%	
Air			N	IOSH 7082		Flam	ne Atomic A	bsorption	4	µg/filter	
ļ			N	IOSH 7105		Gr	aphite Furn	ace AA	0.0)3 µa/filter	
			NIOS	1 7300 mod	ified	Ī	CP-AES/IC	P-MS	0.	5 µg/filter	
Wipe*	A	STM 🗍	SV	V846-7000E	3	Flam	ne Atomic A	bsorption	1() µg/wipe	
*if no box is	non A	STM	SW8	46-6010B o	гC	1	ICP-AE	s	1.(0 µg/wipe	
	Wipe is assu	umed	SW84	46-7000B/70	010	Gr	aphite Furn	ace AA	0.0	75 µg/wipe	
TCLP			SW846-131	11/7000B/S	M 3111B	Flam	e Atomic A	bsorption	0.4 r	ng/L (ppm)	
	_		SW846-113	1/SW846-60	010B or C		ICP-AE	S	0.1 r	ng/L (ppm)	
Soil			SW846-7000B		Flame Atomic Absorption		40 m	ng/kg (ppm)	X		
Х			SW846-7010		Graphite Furnace AA		0.3 mg/kg (ppm)				
			SW846-6010B or C			Elamo Atomia Abaamtian		2 m	g/kg (ppm)		
Wastewater	Unpreserv	/ed 🔲	SM3111B/SW846-7000B		Graphite Euroace AA		0.4 r	ng/L (ppm)			
Preserved wi	th HNO ₃ pH	<2 ∐	EPA 200.9 EPA 200.7		ICP-AES		0.003	mg/L (ppm)	- H		
Drinking Wat	er Unpresen	ved	EPA 200.9		Graphite Furnace AA		0.003	mg/L (ppm)			
Preserved wi	th HNO₃ pH	< 2 🗍	EPA 200.8		ICP-MS		0.001 mg/L (ppm)				
TSP/SPM Filt	er		40	CFR Part 50)		ICP-AES	S	12	2 µg/filter	
			40 (CFR Part 50) Graphite Furnace AA 3.6 µg/filter						
Other:											
Name of Sam	pler: ChrisBu	urns			Signa	ture o	of Sample	er:			
Sample #	·	Locatio	n			Vo	lume/Are	ea		Date/Time S	ampled
AD4408-LS01	SOIL - 4 PT	COMPOSIT	E, NORTH	SIDE							ľ
AD4408-LS02	SOIL - 4 PT	COMPOSI	TE, EAST S	IDE		· ·					
AD4408-LS03	SOIL - 4 PT	COMPOSI	TE, SOUTH	SIDE							
AD4408-LS04 SOIL - 4 PT COMPOSITE, WEST SIDE			IDE		-		· · ·	[
			····-								
Client Sample	#'e		•				Tat				
o de la completa		TAP	5)		51			ai # 01 38	mpieg:		
Relinquished	(Client):	$- \mathcal{P}_{\mathcal{C}}$	<u>3</u> —	Date:		10	6	Time:		100	
Received (Lab)	:	⊻ 74	4	Date:	121	13/1	I Q	Time:		0.45	am l
Comments:										(W·])

Page 1 of ____ pages

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.

Vista Environmental Consulting, Inc.

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

Project ID:

 Phone:
 (510) 346-8860

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

 Analysis Date:
 02/19/2016

 Collected Date:

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

			Non-Ast	<u>bestos</u>	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
AD4418-AS01	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	N side	Non-Fibrous			
091602682-0001		Homogeneous			
Soil is a problem matrix. Oth	her analytical options are recom	mended such as EPA 60	00 PLM/TEM with milling prep		
AD4418-AS02	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	E side	Non-Fibrous			
091602682-0002		Homogeneous			
Soil is a problem matrix. Oth	her analytical options are recom	mended such as EPA 60	00 PLM/TEM with milling prep		
AD4418-AS03	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	S side	Non-Fibrous			
091602682-0003		Homogeneous			
Soil is a problem matrix. Oth	her analytical options are recom	mended such as EPA 60	00 PLM/TEM with milling prep		
AD4418-AS04	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	W side	Non-Fibrous			
091602682-0004		Homogeneous			
Soil is a problem matrix. Oth	her analytical options are recom	mended such as EPA 60	00 PLM/TEM with milling prep		

Analyst(s)

Adam C. Fink (4)

Aciplicher

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

EMSI

EMBL ANALYTICAL, INC.

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

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

091602682

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

Company : Vista Environmental Consulting, Inc.			EMSL-Bill to: [X] Same Different If Bill to is Different note instructions in Comments**				
Street: 2984 Teaga	rden Street		Third Party Billing requires written authorization from third party				
City: San Leandro	5	State/Province: CA	Zip/Postal Code: 94577 Country: US				
Report To (Name); C	Chris Burns		Telephone #: 510-346-8	3860			
Email Address: christ	ourns@vista-env.o	com; molli@vista-env.co	nFax #:	Purchase O	rder:		
Project Name/Numbe	r: FORA/1610	91001	Please Provide Results:	🔲 Fax 🕅 Email			
U.S. State Samples T	aken: <u>CA</u>		CT Samples: 🔲 Comme	ercial/Taxable 🗌 Resi	dential/Tax Exempt		
		Turnaround Time (TA)) Options* - Please Chec	ck			
3 Hour 6	Hour 1 24	Hour 48 Hour	nium charge for 3 Hour TEM AH	FRA or FPA Level II TAT	Ou will be acked to size		
an authorization fo	orm for this service	Analysis completed in accordar	ice with EMSL's Terms and Con	ditions located in the Analyti	cal Price Guide		
PCM - Air Check if	f samples are from	NY TEM-Air 4-	4.5hr TAT (AHERA only)	TEM-Dust			
NIOSH 7400		AHERA 40 C	FR, Part 763	Microvac - ASTM I	5755		
w/ OSHA 8hr. TW/	<u>\</u>	NIOSH 7402		🛛 🗍 Wipe - ASTM D64	30		
PLM - Buik (reporting	<u>limit)</u>	EPA Level II		Carpet Sonication	(EPA 600/J-93/167)		
X PLM EPA 600/R-93	8/116 (<1%)	□ ISO 10312		Soil/Rock/Vermiculit	<u>e</u>		
PLM EPA NOB (<1)	%)	TEM - Bulk		🔲 PLM CARB 435 - /	A (0.25% sensitivity)		
Point Count		TEM EPA NO	В	PLM CARB 435 - 1	3 (0.1% sensitivity)		
400 (<0.25%) [] 10	000 (<0.1%)	INYS NOB 19	3.4 (non-friable-NY)	[] TEM CARB 435 - 1	3 (0.1% sensitivity)		
Point Count w/Gravime	etric	Chatfield SOF			C (0.01% sensitivity)		
[_] 400 (<0.25%) [_] 10	000 (<0.1%)	LI TEM Mass Ar	alysis-EPA 600 sec. 2.5	TEM Qual. via Filtr	II. via Filtration Technique		
NYS 198.1 (friable	in NY)	TEM - VVater: E	PA 100.2	p-Mount rechnique			
U NYS 198.6 NOB (r	ion-mable-NY)	Fibers >10µm		Other:			
□ NIOSH 9002 (<1%)	All Fiber Sizes					
Check For Positiv	e Stop – Clearly I	Identify Homogenous G	roup Filter Pore Size (A	Air Samples): 0.9	m 0.45µm		
Samplers Name: Cl	nris Burns		Samplers Signature:	<u> </u>	۲۱		
Sample #		Sample Descripti	on	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled		
AD4418-AS01	SOIL - 4 PT	COMPOSITE, NO	RTH SIDE				
AD4418-AS02	SOIL - 4 PT	COMPOSITE, EAS	TSIDE				
AD4418-AS03	SOIL - 4 PT	COMPOSITE, SOU	TH SIDE				
AD4418-AS04	SOIL - 4 PT	COMPOSITE, WE	ST SIDE				
Client Samole # (s):		().		Total # of Samples:	4		
			alal		1.20		
rcelinguisnea (Client)		Date:	2/10/16	Time:	HUU		
Received (Lab):	Un	At Date:	213/16	Time:	IV:45 WL		
Comments/Special In	structions:	- T	· · · · · · · · · · · · · · · · · · ·				
					1		

Controlled Document - Asbestos COC - R6 - 4/11/2012

Page 1 of 1___ pages



Attn:CHRIS BURNSPhone:(925) 254-3196Vista Environmental Consulting, Inc.Fax:02/13/16 10:45 AM2984 Teagarden StReceived:02/13/16 10:45 AMSan Leandro, CA 94577Collected:

Project: FORA/161091001

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

Client Sample Description	Lab ID	Collected	Analyzed	Lead Concentration
AD4418-LS01	091602667-000	1	2/15/2016	<40 mg/Kg
	Site: SOIL - 4 P	T COMPOSI	TE, NORTH SIDE	
AD4418-LS02	091602667-0002	2	2/15/2016	<43 mg/Kg
	Site: SOIL - 4 P	T COMPOSI	TE, EAST SIDE	
AD4418-LS03	091602667-0003	3	2/15/2016	<40 mg/Kg
	Site: SOIL - 4 P	T COMPOSI	TE, SOUTH SIDE	
AD4418-LS04	091602667-0004	4	2/15/2016	<43 mg/Kg
	Site: SOIL - 4 P	T COMPOSI	TE, WEST SIDE	

Chin Dijlieller

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 reproduced 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 Environmenta	EMSL-Bill to: Different X Same							
Street: 2984 Teagarden Street			Third Party Billing requires written authorization from third party					
City: San leandro Sta	te/Province: CA	Zip/Posta	al Code: 94577		Co	untry: USA		
Report To (Name): Chris Burns		Telephor	ie #: 510-346-8860	0				
Email Address: chrisburns@vista-env	.com, molli@vista-env.com	Fax #:			Pur	rchase Order:		
Project Name/Number: FORA/161091001		Please P	rovide Results:	FAX		E-mail	Mail	
U.S. State Samples Taken: CA		CT Samo	les: 🗌 Commercia	al/Taxab	ble 🗌 Re	esidential/Tax	Exempt	
	Turnaround Time (TA	T) Option	s* - Please Chec					
🗌 3 Hour 🔲 6 Hour	24 Hour 48 Hou	r 7;	2 Hour 🛛 🗌 96	Hour	🗐 1 V	Veek 🗌	2 Week	
*Analysis comp	leted in accordance with EMS	SL's Terms a	nd Conditions located	in the Pr	ice Guide			
Matrix	Method		Instrumen		Repor		Спеск	
Chips 🗌 % by wt. 🗋 mg/cm² 🗌 pp	m SW846-7000	B	Flame Atomic Abso	orption	0).01%		
Air	NIOSH 7082	2	Flame Atomic Abs	orption	4	ug/filter		
	NIOSH 7105	5 4:6	Graphite Furnace	e AA	0.03	3 µg/filter	┠┈┝╡╾╼	
	NIUSH 7300 mo			GIV Gamtice	0.5	µg/niter		
Wipe* ASTM	SW840-7000			orpuon	10	ug/wipe		
*if no box is checked, non-ASTM Wine is assumed	SW846-7000B/7	7010	Graphite Furnaci	e AA	0.07	5 ua/wine		
TCLP	SW846-1311/7000B/S	SM 3111B	Elamo Atomio Abcorntion		0.4 m	a/l (nnm)		
	SW846-1131/SW846-6	6010B or C	ICP-AES		0.4 m	a/L (ppm)		
Soil	SW846-7000	B	Flame Atomic Absorption		40 ma/ka (ppm)			
V	SW846_7010	<u> </u>	Graphite Furnac	e AA	- 0.3 m	g/kg (ppm)-	· <u> </u>	
	SW846-6010B	or C	ICP-AES		2 mg	/kg (ppm)		
	SM3111B/SW846-	7000B	Flame Atomic Abs	orption	0.4 mg/L (ppm)			
Preserved with HNO ₂ $nH < 2$	EPA 200.9		Graphite Furnace AA		0.003 mg/L (ppm)			
	EPA 200.7		ICP-AES		0.020 mg/L (ppm)			
Drinking Water Unpreserved	EPA 200.9		Graphite Furnace AA		0.003 mg/L (ppm)			
$\frac{\text{Preserved with HNO_3 pH < 2}}{1}$	EPA 200.8	50			12 ug/filter			
TSP/SPM Filter	40 CFR Part	50	Graphite Furnace AA		3.6	3.6 ug/filter		
Other:						5/1		
Name of Sampler: ChrisBurns		Signs	ture of Sampler	. /	TD,			
Sample #	ration			· / (╧	Date/Time S	Sampled	
AD4418-LS01 SOIL - 4 PT COMPC	SITE, NORTH SIDE		T VILLIONI GO					
AD4418-I S02 SOIL - 4 PT COMP(DSITE, FAST SIDE				<u> </u>			
AD4418-LS03 SOIL - 4 PT COMPC	<u> </u>	<u></u>				•		
AD4418 LS04 SOIL 4 PT COMPOSITE WEST SIDE							· ·	
	<u> </u>			<u> </u> -				
	~ 7)	<u> </u>	1	4.50				
Client Sample #'s	<u> </u>			# of Si	amples:			
Relinquished (Client):	Date:	2/10		Time:		1000		
Received (Lab):	Date:	-12/1	3/16	Time:		10:45 am		
Comments:		-				KUS		
•		A						
		1			• `			

Page 1 of ____ pages

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.

Vista Environmental Consulting, 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:

 Phone:
 (510) 346-8860

 Fax:

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

 Analysis Date:
 02/20/2016

 Collected Date:

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

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

Analyst(s)

Jared Martin (4)

Aciplicher

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

EMBL ANALYTICAL, INC.

ATORY . PRODUCTS . TRA

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

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

091602685

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

Company : Vista Environmental Consulting, Inc.			EMSL-Bill to: X Same Different If Bill to is Different note instructions in Comments**					
Street: 2984 Teaga	rden Street			Third Party Billing requires written authorization from third party				from third party
City: San Leandro		State/P	rovince: CA	Zip/Postal Code: 94577			Country:	US
Report To (Name):	Chris Burns			Telephone #:	510-346-	8860		
Email Address: christ	ourns@vista-en	v.com; m	olli@vista-env.co	mFax #:			Purchase Or	rder:
Project Name/Numbe	r: FORA/161	091001		Please Provid	e Results	: 🗌 Fax	K Email	
U.S. State Samples T	aken: <u>CA</u>			CT Samples:		ercial/Tax	able 🛄 Resi	dential/Tax Exempt
		Turn	around Time (TA	T) Options* – Pl	ease Che		X 1 Wook	2 Woek
*For TEM Air 3 hr through	6 hr, please call al	head to sch	edule *There is a prer	nium charge for 3 H	our TEM AF	HERA or EPA	Level II TAT. Y	ou will be asked to sign
an authorization fo	m for this service	Analysis	completed in accordai	A EDT TAT (AUER	ms and Col	TEM D	ted in the Analyti	cal Price Guide
	samples are no			ER Dart 763	A only)		ust wac - ASTM [5755
	`			FR, Fait 705				30
	<u>\</u>						et Sonication	(EPA 600/ L93/167)
						Soil/Po	ek/Vermiculit	
	0/110 (<1%) 0/1						CARE 435 - 4	≚ \ (0.25% sensitivity)
	70)			B			CARB 435 - F	R (0.20% sensitivity)
	000 (<0.1%)			ru 8 4 (non-friable-N	1X)		CARB 435 - E	R (0.1% sensitivity)
	otric			0.4 (101-11006-1 0	•••		CARB 435 - C	C (0.01% sensitivity)
	000 (<0 1%)			nalvsis-EPA 600	sec 2.5		Qual via Filto	ation Technique
	in NV)		TEM - Water F				p-Mount Technique	
	on-frighte_NV)		Eibers >10um	🗂 Waste 🗔 Di	inkina	Other:		
	\		All Fiber Sizes	Waste D	inkina			
	<u> </u>							
Check For Positiv	e Stop – Cleari	y identify	y Homogenous G		ore Size (/	Air Sampi		
Sampiers Name: Ch	nris Burns			Samplers S	Ignature:	$\langle \langle \rangle$	DE	
Sample #			Sample Descripti	on		Volume	HANGA (Air) # (Bulk)	Date/Time Sampled
AD4438-AS01	SOIL - 4 P	T CON	IPOSITE, NO	RTH SIDE		<u> </u>		
AD4438-AS02	SOIL - 4 P	T CON	IPOSITE, EAS	ST SIDE				
AD4438-AS03	SOIL - 4 PI		POSITE, SOL	ITH SIDE				
AD4438-AS04	SOIL - 4 P	T CON	IPOSITE, WE	ST SIDE				
							e e e e e e e e e e e e e e e e e e e	
Client Sample # (s):		$\overline{)}$				Total # o	f Samples:	4
Relinquished (Client)	B	2	Data	Junto			Time	1200
Possived (Lab):	HE	FA		2/12/	110		Time:	N'Y W
Comments/Special Ir	structions:				14		1111 0 .	

Controlled Document - Asbestos COC - R6 - 4/11/2012

Page 1 of 1 pages



Attn:CHRIS BURNSPhone:(925) 254-3196Vista Environmental Consulting, Inc.Fax:02/13/16 10:45 AM2984 Teagarden StReceived:02/13/16 10:45 AMSan Leandro, CA 94577Collected:

Project: FORA/161091001

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

Client Sample Description	Lab ID	Collected	Analyzed	Lead Concentration
AD4438-LS01	091602662-0001	1	2/15/2016	<40 mg/Kg
	Site: SOIL - 4 PT	COMPOSI	TE, NORTH SIDE	
AD4438-LS02	091602662-0002	2	2/15/2016	<40 mg/Kg
	Site: SOIL - 4 PT	COMPOSI	TE, EAST SIDE	
AD4438-LS03	091602662-0003	3	2/15/2016	<40 mg/Kg
	Site: SOIL - 4 PT	COMPOSI	TE, SOUTH SIDE	
AD4438-LS04	091602662-0004	4	2/15/2016	<40 mg/Kg
	Site: SOIL - 4 PT	COMPOSI	TE, WEST SIDE	

Chin Diplicher

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 reproduced 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:

								V Game		1
Company Vista Environmental Consulting			EMSL-Bill to: Different IX Same							
Street: 2984 Teagarden Street	2984 Teagarden Street			Third Party Billing requires written authorization from third party						
City:San leandro	State/P	rovince:	CA	Zip/Posta	I Code: 945	77	C	ountry: USA		
Report To (Name): Chris Burns				Telephon	e #: 510-340	6-8860				
Email Address: chrisburns@vista-	env.com	, molli@vista-	env.com	Fax #:			P	urchase Order:		
Project Name/Number: FORA/161091	001		1	Please Pr	ovide Resul	ts: FAX	x x	E-mail	Mail	
U.S. State Samples Taken: CA				CT Samp	les: 🔲 Comi	mercial/Taxab	- ole 🗌 F	Residential/Tax	Exem	ot
	Ťu	rnaround T	ime (TA	T) Option	s* - Piease	Check				
🗌 3 Hour 🛛 🗍 6 Hour	24	Hour 🛛	48 Hour		۲ Hour ا	🗌 96 Hour	1	Week 🗌	2 Wee	k
*Analysis c	ompleted	in accordance	with EMS	L's Terms ai	nd Conditions I	ocated in the Pr	ice Guide			
Matrix		N	lethod_		Instru	ument	Repo	orting Limit	Cheo	ck
Chips 🗌 % by wt. 🗌 mg/cm² 📋	ppm	SW	846-7000E	3	Flame Atom	ic Absorption		0.01%		
Air		NIC	OSH 7082		Flame Atom	ic Absorption	4	µg/filter		
		NIC	OSH 7105		Graphite f	Fumace AA	0.0	13 µg/filter		
		NIOSH	7300 mod	ified	ICP-AES	S/ICP-MS	0.9	5 µg/filter		
Wipe* ASTM		SW	846-7000E	3	Flame Atom	nic Absorption	10) µg/wipe		
non ASTM		SW84	6-6010B o	rC	ICP	-AES	1.() µg/wipe		
Wipe is assumed		SW840	6-7000B/7	010	Graphite F	Fumace AA	0.07	75 µg/wipe		
TCLP		SW846-131	1/7000B/S	M 3111B	Flame Atomic Absorption		0.4 1	ng/L (ppm)		
· · · · · · · · · · · · · · · · · · ·		SW846-1131	/SW846-6	010B or C	ICP-AES		0.1 mg/L (ppm)			
Soil	_	SW	846-70008	3 _	Flame Atom	ic Absorption	<u>40 n</u>	ng/kg (ppm)		
- X	· •		V846-7010	<u> </u>	Graphite I	Fumace AA	0.3 r	ng/kg (ppm)		
		SW846-6010B or C		r C	ICP-AES		2 mg/kg (ppm)			
Wastewater Unpreserved		EPA 200 9		Graphite Furnace AA		0.03 mg/L (ppm)				
Preserved with $HNO_3 pH < 2$		EPA 200.7		ICP-AES		0.020 mg/L (ppm)				
Drinking Water Unpreserved		E	PA 200.9		Graphite Furnace AA		0.003 mg/L (ppm)		-7	
Preserved with HNO ₃ pH < 2		E	PA 200.8		ICP-MS		0.001 mg/L (ppm)			
TSP/SPM Filter		40 C	CFR Part 5	0	ICP-AES		12 µg/filter			
		40 0	CFR Part 5	0	Graphite Furnace AA		3.6 µg/filter			
Other:										
Name of Sampler: ChrisBurns				Signa	ture of San	npler:				
Sample #	Locatio	חס			Volume	/Area		Date/Time S	Sample	d
AD4438-LS01 SOIL - 4 PT COM	1POSI1	E, NORTH	SIDE							
AD4438-LS02 SOIL - 4 PT CON	MPOSITE, EAST SIDE									
AD4438-LS03 SOIL - 4 PT COMPOSITE, SOUTH SIDE									-	
D4438-LS04 SOIL - 4 PT COMPOSITE, WEST SIDE										
Client Sample #'s	-7	37				Total # of Sa	mples	: 4	· · ·	
Relinquished (Client):	Ø,	2-	Date:	2	0/16	Time:		1200		
Received (Lab):	'/C		Date:	121	1576	Time:		10. 4 Sun		
Comments:					- <u></u>			141	5	

Page 1 of ____ _ pages

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.

Vista Environmental Consulting, Inc.

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

Project ID:

 Phone:
 (510) 346-8860

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

 Analysis Date:
 02/19/2016

 Collected Date:

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

			<u>Asbestos</u>		
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
AD4448-AS01	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	N side	Non-Fibrous			
091602744-0001		Homogeneous			
Soil is a problem matrix. O	ther analytical options are recom	nended such as EPA 60	00 PLM/TEM with milling prep		
AD4448-AS02	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	E side	Non-Fibrous			
091602744-0002		Homogeneous			
Soil is a problem matrix. O	ther analytical options are recom	mended such as EPA 60	00 PLM/TEM with milling prep		
AD4448-AS03	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	S side	Non-Fibrous			
091602744-0003		Homogeneous			
Soil is a problem matrix. O	ther analytical options are recom	mended such as EPA 60	00 PLM/TEM with milling prep		
AD4448-AS04	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	W side	Non-Fibrous			
091602744-0004		Homogeneous			
Soil is a problem matrix. O	ther analytical options are recom	mended such as EPA 60	00 PLM/TEM with milling prep		

Analyst(s)

Adam C. Fink (4)

Aciplicher

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 23:13:43

EMSI

EMSL ANALYTICAL, INC AV - PR -

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

EMSE ANALYDICAL INC. 2235 POLVOROSA DR #230 SAN LEANDRO, CA. 94577

091602744

PHONE	(510)	895-3675
Fikk	(510)	395-3680

Company Vista Environmental Consulting, Inc.		EMSL-Bill to: X Same Different					
Street: 2984 Teaga	arden Street		Third Party Billing requires written authorization from third party				
City: San Leandro		State/Province: CA	Zin/Postal Code: 9457	US			
Report To (Name): (Chris Burns		Telephone # 510-346-	8860			
Fundi Address christ	burns@vista.onv	com molli@vista onv co	mEax #	Burchase ()rdou		
Project Name/Numbe	FOR A/1610	191001	Please Provide Results	Furchase C			
U.S. State Samples T	aken: CA	//1001	CT Samples: Commo	ercial/Taxable 🔲 Res	idential/Tax Exempt		
		Turnaround Time (TA	T) Options* – Please Che	ck			
3 Hour 6	Hour 2	4 Hour 🔲 48 Hour	72 Hour	96 Hour 🛛 🖾 1 Weel	C 2 Week		
*For TEM Air 3 hr through an authorization fi	h 6 hr, please call ane form for this service.	ead to schedule. "There is a pre Analysis completed in accorda	mium charge for 3 Hour TEM AF nce with EMSL's Terms and Col	HERA or EPA Level II TAT. nditions located in the Analy	rou will be asked to sign tical Price Guide.		
PCM - Air Check i	f samples are fror	m NY <u>TEM – Air</u> 4	-4.5hr TAT (AHERA only)	TEM-Dust			
NIOSH 7400		AHERA 40 C	CFR, Part 763	Microvac - ASTM	D 5755		
🔲 w/ OSHA 8hr. TW,	A	NIOSH 7402		Wipe - ASTM D64	480		
PLM - Bulk (reporting	<u>y limit)</u>	EPA Level II		Carpet Sonication	(EPA 600/J-93/167)		
X PLM EPA 600/R-93	3/116 (<1%)	SO 10312		Soil/Rock/Vermiculi	<u>te</u>		
📋 PLM EPA NOB (<1	%)	<u>TEM - Bulk</u>		PLM CARB 435 -	A (0.25% sensitivity)		
Point Count			DB	PLM CARB 435 -	B (0.1% sensitivity)		
[_] 400 (<0.25%) [_] 1	000 (<0 1%)		8.4 (non-friable-NY)		B (0.1% sensitivity)		
Point Count w/Gravim	etric				C (0.01% sensitivity)		
□ 400 (<0.25%) □ 10	UUU (<0.1%)		DA 100 2	I El TEM Qual, via Fill	ration rechnique		
	(IN NY)	Fibers >10um					
	ion-madie-init)		U Waste U Drinking				
[] NIOSH 9002 (<1%	»)	Air Fiber Sizes					
Check For Positiv	e Stop – Clearly	Identity Homogenous G	roup Filter Pore Size (/		μ <u>m </u> <u>υ.4</u> ομm		
Samplers Name: Ct	nris Burns		Samplers Signature:	<u> </u>			
Sample #		Sample Descripti	ion	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled		
AD4448-AS01	SOIL - 4 PT	COMPOSITE, NO	RTH SIDE				
AD4448-AS02	SOIL - 4 PT	COMPOSITE, EAS	ST SIDE				
AD4448-AS03	SOIL - 4 PT	COMPOSITE, SOL	ITH SIDE				
AD4448-AS04	SOIL - 4 PT	COMPOSITE, WE	ST SIDE				
			<u></u>		·		
<u> </u>	· · · · · · · · · · · · · · · · · · ·		<u> </u>				
Client Sample # (s):		<u>}</u>	<u></u>	Total # of Samples:	4		
Relinquished (Client)	: ((\$	Date	2/10/16	Time	(1200)		
Received (1 ah):		State Data	2/12/110	Time	. 10.47 W		
Comments/Special In	structions:		<u> </u>		+		
		~					

Controlled Document - Asbestos COC - R6 - 4/11/2012

Page 1 of 1 pages



Attn:CHRIS BURNSPhone:(925) 254-3196Vista Environmental Consulting, Inc.Fax:2984 Teagarden StReceived:02/13/16 10:45 AMSan Leandro, CA 94577Collected:

Project: FORA/161091001

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

Client Sample Description	Lab ID	Collected	Analyzed	Lead Concentration
AD4448-LS01	091602600-000)1	2/16/2016	<43 mg/Kg
	Site: SOIL -4PT	COMPOSIT	E NORTH SIDE	
AD4448-LS02	091602600-000)2	2/16/2016	<41 mg/Kg
	Site: SOIL -4PT	COMPOSIT	E, EAST SIDE	
AD4448-LS03	091602600-000)3	2/16/2016	<40 mg/Kg
	Site: SOIL -4PT	COMPOSIT	E, SOUTH SIDE	
AD4448-LS04	091602600-000)4	2/16/2016	<40 mg/Kg
	Site: SOIL -4PT	COMPOSIT	E, WEST SIDE	

Chin Dijlieller

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 reproduced 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)

09100260

PHONE: F4X:

Company : Vista Environmental C	onsulting		EMSL-Bill to:	Different X Same			
Street: 2984 Teagarden Street		Third Party Billing requires written authorization from third party					
City: San leandro State/P	rovince: CA	Zip/Posta	al Code: 94577	Country: USA			
Report To (Name): Chris Burns		Telephon	e #: 510-346-8860				
Email Address: chrisburns@vista-env con	ı, molli@vista-env.com	Fax #:		Purchase Order	1		
Project Name/Number: FORA/161091001		Please P	rovide Results:	AX XE-mail	Mail		
U.S. State Samples Taken: CA		CT Samp	les: 🗍 Commercial/Tax	able 🗍 Residential/Ta	Exempt		
Tu	rnaround Time (TA	T) Option	s* - Please Check				
	Hour 48 Hour	1 []7	2 Hour 96 Hour	1 Week	2 Week		
*Analysis complete	d in accordance with EMS	L's Terms a	nd Conditions located in the	Price Guide			
Matrix	Method		Instrument	Reporting Limit	Check		
Chips 🗍 % by wt. 🗌 mg/cm² 📋 ppm	SW846-7000E	3	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 mod	lified	ICP-AES/ICP-MS	0.5 µg/filter			
Wipe* ASTM 🗌	SW846-7000E	3	Flame Atomic Absorption	10 µg/wipe			
non ASTM	SW846-6010B o	rC	ICP-AES	1.0 µg/wipe			
Wipe is assumed	SW846-7000B/7	010	Graphite Furnace AA	0.075 µg/wipe			
TCLP	SW846-1311/7000B/S	M 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)			
	SW846-1131/SW846-6	010B or C	ICP-AES	0.1 mg/L (ppm)			
Soil	SW846-7000E	3	Flame Atomic Absorption	40 mg/kg (ppm)	<u> </u>		
Х	SW846-7010		Graphite Furnace AA	0.3 mg/kg (ppm)	╏╴┝╡╌╴		
	SVV846-6010B 0	r C	ICP-AES	2 mg/kg (ppm)	┝╼╼╞╤╡╼╼┥		
Wastewater Unpreserved	SM3111B/SVV846-7000B		Flame Atomic Absorption	0.4 mg/L (ppm)	┠──┾═┽──┥		
Preserved with HNO ₃ pH < 2 \Box	EPA 200.9		ICP-AES	0.003 mg/L (ppm)	- 23-1		
Drinking Water Unpreserved	EPA 200.9	EPA 200.0		0.003 mg/L (ppm)	┝╼╞╡╼┥		
Preserved with HNO ₂ $pH < 2$	EPA 200.8		ICP-MS	0.000 mg/L (ppm)	Ħ		
	40 CFR Part 5	0	ICP-AES	12 µa/filter			
TSP/SPM Filter	40 CFR Part 5	0	Graphite Furnace AA	3.6 µg/filter			
Other:			┍ _{┉┍}				
Name of Sampler: ChrisBurns		Signa	ture of Sampler:	(KA)			
Sample # Location	nc		Volume/Area /	DateTime	Sampled		
AD4448-LS01 SOIL - 4 PT COMPOSIT	E, NORTH SIDE		C	1 P	-		
AD4448-LS02 SOIL - 4 PT COMPOSI	TE, EAST SIDE						
AD4448-LS03 SOIL - 4 PT COMPOSITE, SOUTH SIDE							
AD4448-LS04 SOIL - 4 PT COMPOSITE WEST SIDE							
Client Sample #'s			Total # of 9	Samples: A			
	Pt						
Relinquished (Client):	Date:	2/1	5/66 Time	101215			
Received (Lab):	Date:	12/1	5/10 Time:	10.45	an		
comments:				(\mathcal{W}))		

Page 1 of ____ pages

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.

Vista Environmental Consulting, 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:

 Phone:
 (510) 346-8860

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

 Analysis Date:
 02/19/2016

 Collected Date:

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

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

Analyst(s)

Jared Martin (4)

Aciplicher

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 18:52:04

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

091602745

EMSL ANALYTICA - 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: X Same Different								
Street: 2984 Teag	arden Street			Third Party Billing requires written authorization from third party							
City: San Leandro		State/P	Province: CA	Zip/Po	stal Code: 94	577		Coun	try:	US	
Report To (Name):	Chris Burns			Telept	none #: 510-34	46-88	60			······································	
Email Address: chris	burns@vista-env	.com; m	olli@vista-env.co	nFax #:				Purch	nase O	rder:	
Project Name/Numb	er: FORA/161	091001		Please	Provide Resu	lits:	Fax		Email		
U.S. State Samples 1	aken: CA			CT Sa	mples: 🔲 Com	nmer	cial/Tax	able [🗍 Resi	idential/Tax Exem	pt
		Turn	around Time (TA1) Optio	ns* – Please C	heck	<u> </u>	T 67 4			
*For TEM Air 3 hr through	Hour [] 2	4 Hour	edule *There is a pren		72 Hour	96	Hour RA or EP		TAT	You will be asked to sid	77
an authorization f	orm for this service.	Analysis	completed in accordan	ice with E	MSL's Terms and	Cond	tions loca	ted in the	e Analyt	ical Price Guide.	
PCM - Air Check	f samples are fro	om NY	<u>TEM – Air</u> 🛛 4-	4.5hr T/	AT (AHERA only)		<u>TEM- D</u>	<u>ust</u>			
NIOSH 7400			AHERA 40 C	FR, Par	t 763			ovac - A	ASTM	D 5755	
W/ OSHA 8hr. TW.	<u>A</u>					1	U Wipe	- AST	M D64	80	
PLM - Bulk (reporting	<u>a limit)</u>						Carp	et Son	ication	(EPA 600/J-93/167	2
LA PLM EPA 600/R-9	3/116 (<1%)		LI ISO 10312				Soil/Ro	ck/Ver	miculi	te	
L PLM EPA NOB (<1	%)		TEM - Bulk					CARB	435 - /	A (0.25% sensitivity)
	000 (-0.40()			B A (= = = =				CARB	435 - E	B (0.1% sensitivity)	
☐ 400 (<0.25%) ☐ 1	000 (<0.1%) otrio			5.4 (non	-mable-NY)			CARB	435 - 1	B (U.1% sensitivity)	
				olucio E	PA 600 and 21	_	TEM CARB 435 - C (0.01% sensitivity)			"	
U 400 (<0.25%) U 1	000 (~0.176)		TEM - Water: EE	alysis-L	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	<u> </u>		Qual V	via Pilu via Dro	auon rechnique	
	non friable-NIV)		Fibers >10um		e 🖸 Drinking	H		Qual.		a prop-mount recimique	
			All Fiber Sizes	_] vvasi 7 Waet							}
	·)		Air iber 0i200 E			<u> </u>					
Check For Positiv	e Stop – Clearly	dentify	/ Homogenous Gr	<u>oup</u>	Filter Pore Siz	e (Ai	r Sampl	00	Z€¢	um) 🔲 0.45µm	
Samplers Name: Cl	nris Burns			Sam	plers Signatu	re:	$\langle \langle$	Þ	Ŕ		
Sample #			Sample Description	วก			Volume HA	iArea # (Bulk	(Air)	Date/Time Sampled	
AD4550-AS01	SOIL - 4 PT	г сом	IPOSITE, NOF	RTH S	SIDE		Q.				
AD4550-AS02	SOIL - 4 PT	СОМ	POSITE, EAS	T SID	E						
AD4550-AS03	SOIL - 4 PT	COMF	POSITE, SOU	TH SI	DE						
AD4550-AS04	SOIL - 4 P		IPOSITE, WE	ST SI	DE						
										· · · · · · · · · · · · · · · · · · ·	
Client Sample # (s):	100	$\overline{\mathbf{\nabla}}$	•			T	otal # of	' Samp	les:		
Relinguished (Client)		\leq	Date:	2	10/16				Time:	120()	
Received (Lab):	X		Date:	[7/13/4	0			Time:	10:41	깐
comments/Special Ir	ISTFUCTIONS:	ſ	U		} '					,	
			<u> </u>								- {

Controlled Document - Asbestos COC - R6 - 4/11/2012

Page 1 of 1 pages



Attn:	CHRIS BURNS	Phone:	(925) 254-3196
	Vista Environmental Consulting, Inc.	Fax:	
	2984 Teagarden St	Received:	02/13/16 10:45 AM
	San Leandro, CA 94577	Collected:	

Project: FORA/161091001

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

Client Sample Description	Lab ID C	Collected	Analyzed	Lead Concentration
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			

Chin Dijlieller

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 reproduced 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
a second s

restance from the second

1. 1. S. 2. 1. 1.

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only).

GIVE DUD7

PHONE: Fax:

				_			
Company : Vista Environme	ntal C	consulting		EM If Bill t	SL-Bill to:	Different X Same ructions in Comments**	
Street: 2984 Teagarden Street			Third Party Billing requires written authorization from third party				
City: San leandro	State/P	Province: CA	Zip/Posta	al Code: 9	94577	Country: USA	
Report To (Name): Chris Burns			Telephor	e#: 510-	346-8860		
Email Address: chrisburns@vista-	-env con	n, molli@vista-env.com	Fax #:			Purchase Order	
Project Name/Number FORA/161091001			Please P	rovide Res	Bults: FAX	X E-mail	Mail
U.S. State Samples Taken ^{, CA}	U.S. State Samples Taken: CA				mmercial/Taxat	le 🗍 Residential/Tax	Fremnt
	Τu	urnaround Time (TA	T) Option	s* - Pleas	se Check		
☐ 3 Hour ☐ 6 Hour		Hour A8 Hour		2 Hour		1 Week	2 Week
*Analysis c	complete	d in accordance with EMS	L's Terms a	nd Condition	ns located in the Pr	ice Guide	
Matrix		Method		Ins	strument	Reporting Limit	Check
Chips 🗌 % by wt. 🗌 mg/cm² 🗌] ppm	SW846-7000	3	Flame At	tomic Absorption	0.01%	
Air		NIOSH 7082		Flame At	tomic Absorption	4 µg/filter	
		NIOSH 7105		Graphi	te Fumace AA	0.03 µg/filter	
		NIOSH 7300 mod	lified	ICP-/	AES/ICP-MS	0.5 µg/filter	
Wipe* ASTM		SW846-7000E	3	Fiame At	tomic Absorption	10 µg/wipe	
non ASTM *if no box is checked, non-ASTM		SW846-6010B o	n C	ļi	CP-AES	1.0 µg/wipe	
Wipe is assumed		SW846-7000B/7	010	Graphi	te Furnace AA	0.075 µg/wipe	
TCLP		SW846-1311/7000B/S	M 3111B	Flame At	omic Absorption	0.4 mg/L (ppm)	
-		SW846-1131/SW846-6	010B or C	"	CP-AES	0.1 mg/L (ppm)	
Soil		SW846-7000E	3	Flame Atomic Absorption		40 mg/kg (ppm)	<u> </u>
X	ĺ	SW846-7010				0.3 mg/kg (ppm)	┝╌╞╡╌╢
		SYV040-DUTUD U SN/2111D/S\//946 1	70008	Firme At	CP-AES	2 mg/kg (ppm)	┝╍╌╞╡╌┅┨
Wastewater Unpreserved		EPA 200 9		Graphite Furnace AA		0.4 mg/L (ppm)	┝╌╞╡─┨
Preserved with $HNO_3 pH < 2$		EPA 200.7		ICP-AES		0.003 mg/L (ppm)	┝┈╞╡╶┨
Drinking Water Unpreserved		EPA 200.9		Graphite Furnace AA		0.003 mg/L (ppm)	
Preserved with $HNO_3 pH < 2$		EPA 200.8		ICP-MS		0.001 mg/L (ppm)	
		40 CFR Part 5	0	ICP-AES		12 µg/filter	
		40 CFR Part 5	0	Graphi	te Furnace AA	3.8 Herviter	
Other:					/		
Name of Sampler: ChrisBurns			Signa	ture of S	ampler: /	UP 5	
Sample #	Locatio	on		Volun	ne/Area	Date/Time S	ampled
AD4550-LS01 SOIL - 4 PT CON	POSIT	TE, NORTH SIDE			C	P C	
AD4550-LS02 SOIL - 4 PT COM	IPOSI	TE, EAST SIDE			<u> </u>		
AD4550-LS03 SOIL - 4 PT CON	/POSIT	TE, SOUTH SIDE					
AD4550-LS04 SOIL - 4 PT CON	IPOSIT	TE, WEST SIDE			- <u></u>		
Client Sample #'s	//	778			Total # of Sa	mples:	
Relinguished (Client):		Date:	2/1	nlla	Time:	120,7	,
Received II ab):	A	Data	-65	12 I			<hr/>
Comments:		Proko		<u>, , , , , , , , , , , , , , , , , , , </u>			

Page 1 of ____ pages

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.

Vista Environmental Consulting, Inc.

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

Project ID:

 Phone:
 (510) 346-8860

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

 Analysis Date:
 02/19/2016

 Collected Date:

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

			<u>Asbestos</u>		
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
AD4560-AS01	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	N side	Non-Fibrous			
091602743-0001		Homogeneous			
Soil is a problem matrix. Of	ther analytical options are recom	mended such as EPA 60	00 PLM/TEM with milling prep		
AD4560-AS02	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	E side	Non-Fibrous			
091602743-0002		Homogeneous			
Soil is a problem matrix. Of	ther analytical options are recom	mended such as EPA 60	00 PLM/TEM with milling prep		
AD4560-AS03	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	S side	Non-Fibrous			
091602743-0003		Homogeneous			
Soil is a problem matrix. O	ther analytical options are recom	mended such as EPA 60	00 PLM/TEM with milling prep		
AD4560-AS04	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	W side	Non-Fibrous			
091602743-0004		Homogeneous			
Soil is a problem matrix. O	ther analytical options are recom	mended such as EPA 60	00 PLM/TEM with milling prep		

Analyst(s)

Adam C. Fink (4)

Aciplicher

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 23:12:33

EMS

EMSL ANALYTICAL, INC

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

			EMSL-E	Bill to: 🕅 Same 🔲 Diffe	erent	
Company : Vista En	vironmental Consult	ing, Inc.	If Bill to is De	fferent note instructions in Com	ments**	
Street: 2984 Teaga	arden Street		Third Party Billing requires written authorization from third party			
City: San Leandro	State/P	rovince: CA	Zip/Postal Code: 9457	7 Country:	<u>US</u>	
Report To (Name):	Chris Burns		Telephone #: 510-346-	-8860		
Email Address: chris	burns@vista-env.com; m	olli@vista-env.co	mFax #:	Purchase O	rder:	
Project Name/Numbe	er: FORA/161091001		Please Provide Results	s: 🔲 Fax 🔣 Email	de adde la Crear Caracteria de	
U.S. State Samples 1	aken: <u>CA</u>	eround Time (TA)	CI Samples: Comm	ierciai/Taxable [_] Kesi	dential/ I ax Exempt	
3 Hour 6	Hour 24 Hour	48 Hour	1) Options - Please Cire	96 Hour X 1 Week	2 Week	
*For TEM Air 3 hr through	6 hr, please call ahead to sch	nedule.*There is a prei	mium charge for 3 Hour TEM A	HERA or EPA Level II TAT.	You will be asked to sign	
PCM - Air Check i	f samples are from NY		-4.5hr TAT (AHERA only)	TEM- Dust	ical Frice Guide.	
□ NIOSH 7400	·		FR, Part 763	Microvac - ASTM	D 5755	
w/ OSHA 8hr. TW/	Ą	🔲 NIOSH 7402	!	🗌 🛄 Wipe - ASTM D64	80	
PLM - Bulk (reporting	a limit)	EPA Level II		Carpet Sonication	(EPA 600/J-93/167)	
X PLM EPA 600/R-93	3/116 (<1%)	□ ISO 10312		Soil/Rock/Vermiculit	ie I	
🔲 PLM EPA NOB (<1	%)	TEM - Bulk		PLM CARB 435 - /	A (0.25% sensitivity)	
Point Count	000 (-0.48())B 9.4 (see frickle NV)		3 (0.1% sensitivity)	
□ 1 400 (<0 25%) □ 1	000 (<0.1%) etric	Chatfield SOF	8.4 (non-maple-in r)		5 (0.1% sensitivity) C (0.01% sensitivity)	
$\square 400 (< 0.25\%) \square 1$	000 (<0 1%)		nalvsis-EPA 600 sec. 2.5	TEM Qual, via Filtr	ation Technique	
NYS 198.1 (friable	in NY)	TEM - Water: E	PA 100.2			
NYS 198.6 NOB (I	non-friable-NY)	Fibers >10µm	🗌 Waste 📋 Drinking	Other:		
□ NIOSH 9002 (<1%	b)	All Fiber Sizes	🗌 Waste 🔲 Drinking			
Check For Positiv	e Stop - Clearly Identify	y Homogenous G	roup Filter Pore Size (Air Samples): 20,8j	īm; []]0.45µm	
Samplers Name: Cl	nris Burns	. 	Samplers Signature:		$\langle $	
Comple #				VolumelArea (Air)	Date/Time	
		Sample Descripti		HATTOUR	Sampled	
AD4560-AS01	SOIL - 4 PT CON	IPOSITE, NO				
AD4560-AS02	SOIL - 4 PT COM	IPOSITE, EAS	ST SIDE			
AD4560-AS03	SOIL - 4 PT COM	POSITE, SOU	ITH SIDE	· · · · · · · · · · · · · · · · · · ·		
AD4560-AS04	SOIL - 4 PT CON	IPOSITE, WE	ST SIDE			
Client Sample # (s);	- A		- 11	i otal # of Samples:	-7	
Relinquished (Client	»(())-	Date:	: 2/10/16	Time	1200	
Received (Lab):	y y	Date:	· 2/13/14	Time	10:25 WT	
Comments/Special II	nstructions:	U	* 1			
1						

Controlled Document - Asbestos COC - R6 - 4/11/2012

Page 1 of ____ pages



Attn:CHRIS BURNSPhone:(925) 254-3196Vista Environmental Consulting, Inc.Fax:2984 Teagarden StReceived:02/13/16 10:45 AMSan Leandro, CA 94577Collected:

Project: FORA/161091001

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

Client Sample Description	Lab ID	Collected	Analyzed	Lead Concentration
AD4560-LS01	091602601-000)1	2/16/2016	<40 mg/Kg
	Site: SOIL -4PT	COMPOSIT	E NORTH SIDE	
AD4560-LS02	091602601-000	2	2/16/2016	<42 mg/Kg
	Site: SOIL -4PT COMPOSITE, EAST SIDE			
AD4560-LS03	091602601-000	13	2/16/2016	<40 mg/Kg
	Site: SOIL -4PT COMPOSITE, SOUTH SIDE			
AD4560-LS04	091602601-000)4	2/16/2016	<43 mg/Kg
	Site: SOIL -4PT COMPOSITE, WEST SIDE			

Chin Dijlieller

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 reproduced 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)

091100260

PridMe. FAX

Company, Vista Environmental Consulting		EMSL-Bill to: Different X Same					
Street: 2984 Teagarden Street			Third Darty Billing mours written authorization from third party				
City: San leandro State/Province: CA			Zip/Postal Code: 94577 Country: USA				
Report To (Name): Chris Burns		Telephor	ne #: 510-346-8860				
Email Address: chrisburns@vista-env.cc	m. molli@vista-env.com	Fay #		Purchase Order			
Project Name/Number: FORA/161091001			X X E-mail	Mail			
IIS State Samples Taken: CA		CT Same		ble 🗌 Residential/Tax	Fremnt		
T T	urnaround Time (TA	T) Option	s* - Please Check				
3 Hour 6 Hour 2	4 Hour 🔲 48 Hour	r 🗌 7	2 Hour 96 Hour	🔳 1 Week 🗌	2 Week		
*Analysis complet	ed in accordance with EMS	L's Terms a	Instrument	Reporting Limit	Check		
	SW846-7000		Flame Atomic Absorption				
			Flame Atomic Abcomption	Aug/filtor			
An	NIUSH 7082		Fiame Atomic Absorption				
	NIOSH 7300 mor	lified	ICP-AES/ICP-MS	0.03 µg/filter	┝╼╌╞╧╡╾╌╴		
Wino*	SW846-7000	B	Flame Atomic Absorption				
non ASTM	SW846-6010B c		ICP-AFS				
*if no box is checked, non-ASTM	SW846-7000B/7	010	Graphite Fumace AA				
TCLP	SW846-1311/7000B/S	M 3111B	Elame Atomic Absorption	0.4 ma/(npm)			
=:	SW846-1131/SW846-6	010B or C	ICP-AES	0.1 mg/L (ppm)			
Soil	SW846-7000	В	Flame Atomic Absorption	40 mg/kg (ppm)	X		
X	SW846-7010)	Graphite Furnace AA	0.3 mg/kg (ppm)			
	SW846-6010B c	or C	ICP-AES	2 mg/kg (ppm)			
Wastewater Unpreserved	SM3111B/SW846-7000B		Flame Atomic Absorption	0.4 mg/L (ppm)	<u>k_</u>		
Preserved with HNO ₃ pH < 2 \Box	EPA 200.7		ICP-AES	0.003 mg/L (ppm)			
Drinking Water Unpreserved	EPA 200.9		Graphite Furnace AA	0.003 mg/L (ppm)	- 7		
Preserved with HNO ₃ pH < 2	EPA 200.8		ICP-MS	0.001 mg/L (ppm)			
TSP/SPM Filter	40 CFR Part 5	0	ICP-AES	12 µg/filter			
Chiha and a state of the state	40 CFR Part 5	i0	Graphite Furnace AA	3.6 µg/filter	—–––––––––––––––––––––––––––––––––––––		
		······································	(
Name of Sampler: ChrisBurns		Signa	ture of Sampler:	XX			
Sample # Locat			Volume/Area	Date/Time S	ampled		
AD4560-LSUT SUIL - 4 PT COMPOS	TE, NORTH SIDE		• 				
AD4560-LS02 SOIL - 4 PT COMPOS	ITE, EAST SIDE						
AD4560-LS03 SOIL - 4 PT COMPOS	ITE, SOUTH SIDE						
AD4560-LS04 SOIL - 4 PT COMPOS	ITE, WEST SIDE						
Client Sample #'s	F)		Total # of S	amples: 4	<u> </u>		
Relinguished (Client):	Date:	2/1	0/1.6 Time:	1200			
Received (Lab):	ZH Date:	121	13/16 Time:	10:45	an)		
				(n	1-1)		

Page 1 of ____ pages

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.

Vista Environmental Consulting, 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:

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

			Non-Asbe	estos	Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре
AR4450-AS01	Soil - 4 pt composite,	Brown		25% Quartz	None Detected
	N side	Non-Fibrous		10% Gypsum	
091602732-0001		Homogeneous		65% Non-fibrous (Other)	
Soil is a problem matrix.	Other analytical options are recom	mended such as EPA 600	0 PLM/TEM with milling prep	· · ·	
AR4450-AS02	Soil - 4 pt composite,	Brown		30% Quartz	None Detected
	E side	Non-Fibrous		15% Gypsum	
091602732-0002		Homogeneous		55% Non-fibrous (Other)	
Soil is a problem matrix.	Other analytical options are recom	mended such as EPA 600	0 PLM/TEM with milling prep		
AR4450-AS03	Soil - 4 pt composite,	Brown	4% Cellulose	25% Quartz	None Detected
	S side	Fibrous		15% Gypsum	
091602732-0003		Homogeneous		56% Non-fibrous (Other)	
Soil is a problem matrix.	Other analytical options are recom	mended such as EPA 600	0 PLM/TEM with milling prep		
AR4450-AS04	Parking				Not Submitted
091602732-0004					

Analyst(s)

Jared Martin (3)

Aciplicher

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

EMSL ANALYTICAL, INC

-

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

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

091602732

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

						·	
Company : Vista En	Company : Vista Environmental Consulting, Inc.		EMSL-Bill to: X Same Different				
Street: 2984 Teaga	arden Street		Third Party Billing requires written authorization from third party				
City: San Leandro	Stat	e/Province: CA	Zip/Postal Code: 94577 Country: US				US
Report To (Name): (Chris Burns		Telephone #: 5	510-346-8	3860		
Email Address chris	hums@vista.env.com	: molli@vista-onv.co	DEax #			Durahasa	
Project Name/Numbe	FOR A/161091	1, moni@vista-env.co	Plassa Provida	Rogulte:	E Fay		
U.S. State Samples T	aken: CA		CT Samples:	Comme	ercial/Tax	able [] Res	Idential/Tax Exempt
	T	urnaround Time (TA	T) Options* - Ple	ase Che	ck		
3 Hour 6	Hour 24 Ho	our 🚺 48 Hour	72 Hour		6 Hour	X 1 Week	2 Week
an authorization fo	orm for this service. Anal	scredule." I nere is a prei ysis completed in accorda	nium charge for 3 Hol nce with EMSL's Tem	ns and Con	era or en ditions loca	A Level IFTAT. ated in the Analy	rou will be asked to sign fical Price Guide
PCM - Air 📋 Check i	f samples are from N	Y <u>TEM – Air</u> 4-	4.5hr TAT (AHERA	only)	TEM-D	ust	
NIOSH 7400		AHERA 40 C	FR, Part 763		🗋 Micri	ovac - ASTM	D 5755
W/ OSHA 8hr TW/	Α	NIOSH 7402			🗌 🗌 Wipe	e - ASTM D64	80
PLM - Bulk (reporting	<u>a limit)</u>	EPA Level II			🗌 Carr	pet Sonication	(EPA 600/J-93/167)
X PLM EPA 600/R-93	3/116 (<1%)	□ ISO 10312			Soil/Ro	ck/Vermiculi	te
PLM EPA NOB (<1	%)	TEM - Bulk				CARB 435 - /	A (0.25% sensitivity)
Point Count	000 / 0 /M/)					CARB 435 - I	B (0 1% sensitivity)
	000 (<0 1%)		8 4 (non-mable-N)	Y)	I [] IEM	CARB 435 - 1	B (0 1% sensitivity)
			nolucio EDA 600 o	00 D E		I CARD 435 - 1 I Quel Mie Filt	C (U.U1% sensitivity)
1 1 400 (<0.25%) 1 1	000 (<0. 176) No NV)	TEN - Water: El	A 100 2	ec 2 5		i Qual, via Filli L'Oual, via Dro	nation rechnique
	on-friable-NY)	Fibers >10um	Waste Drinking Other:			p-would rechnique	
[] NIOSH 9002 (<1%		All Fiber Sizes	∐Waste ∏Drin	nkina			
CHECK FOI POSILIV	e Stop - Clearly Ide	tury nomogenous G		e 512e (A	<u>ur samp</u>		
Samplers Name: Ch	nris Burns		Samplers Sig	nature:		H0	5
Sample #		Sample Descripti	on		Volume HA	# (Bulk)	/ Date/Time Sampled
AR4450-AS01	SOIL - 4 PT CO	OMPOSITE, NO	RTH SIDE				
A R 4450-AS02	SOIL - 4 PT CO	OMPOSITE, EAS	ST SIDE	KAL			
AR4450-AS03	SOIL - 4 PT CO	MPOSITE, SOU	TH SIDE	Xtose	46	nenele	
AR4450-AS04	SOIL-4PT CO	OMPOSITE, WE	ST SIDE.	705	sil.	Duten	
	<u> </u>		<u> </u>				
<u> </u>							
Client Sample # (s):		×)			Total # o	f Samples:	4
Relinquished (Client)	: / (🏹	S Date:	2/10/11.			Time	1700
	T YX	AND	- <u> </u>				11-5-11
Received (Lab):	etructione:	Date:	<u> </u>	10		Time:	In IT wh
sommentarspecial in	igu uguyiið.	J	-				
1							

Controlled Document - Asbestos COC - R6 - 4/11/2012

Page 1 of 1 pages



Attn: (925) 254-3196 **CHRIS BURNS** Phone: Fax: Vista Environmental Consulting, Inc. Received: 02/13/16 10:45 AM 2984 Teagarden St Collected: 2/10/2016 San Leandro, CA 94577

Project: FORA/161091001

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

Client Sample Description	Lab ID	Collected	Analyzed	Lead Concentration
AR4450-LS01	091602603-000	01 2/10/2016	2/16/2016	<40 mg/Kg
	Site: SOIL -4PT	COMPOSIT	E NORTH SIDE	
AR4450-LS02	091602603-000	2 2/10/2016	2/16/2016	<40 mg/Kg
	Site: SOIL -4PT	COMPOSIT	E EAST SIDE	
AR4450-LS03	091602603-000	03 2/10/2016	2/16/2016	<40 mg/Kg
	Site: SOIL -4PT	COMPOSIT	E SOUTH SIDE	

Chin Dijlieller

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

Photos Faxi

				Difforent VICome		
Company : Vista Environmental Consulting		If Bill to is Different note instructions in Comments**				
Street 2984 Teagarden Street	· ···· <u>-</u> ····	Third Barty Dilling maying written authorization from third party				
City: San leandro State/P	rovince: CA	Zin/Postal Code: 94577			<i></i>	
		ZIP/F USG				
Report To (Name): Chins Buills		relephor	le #: 510-340-6600			
Email Address: chrisburns@vista-env con	n, molli@vista-env.com	Fax #:		Purchase Order		
Project Name/Number: FORA/161091001		Please P	rovide Results: FAX	X X E-mail	Mail	
U.S. State Samples Taken: CA		CT Samp	les: 🔲 Commercial/Taxa	ble 🔲 Residential/Tax	Exempt	
<u>Tu</u>	Irnaround Time (TA	T) Option	s* - Please Check			
□ 3 Hour □ 6 Hour □ 24	Hour 🛛 🗌 48 Hour	· []7	2 Hour 🛛 🗍 96 Hour	🔳 1 Week 📃	2 Week	
*Analysis complete	d in accordance with EMS	L's Terms a	nd Conditions located in the Pr	ice Guide		
Matrix	Method	<u> </u>	instrument	Reporting Limit	Cneck	
Chips // % by wt. // mg/cm² // ppm	SW846-7000E	3	Flame Atomic Absorption	0.01%		
Air	NIOSH 7082		Flame Atomic Absorption	4 µq/filter		
	NIOSH 7105		Graphite Furnace AA	0.03 µa/filter		
	NIOSH 7300 mod	lified	ICP-AES/ICP-MS	0.5 µg/filter		
	SW846-7000	3	Flame Atomic Absorption	10 µg/wipe	- F	
non ASTM	SW846-6010B c	or C	ICP-AES	1 0 ug/wipe		
*if no box is checked, non-ASTM	SW/846_7000B/7	010	Granhite Eumace AA	0.075 μαλμίρο	<u>⊢ – – – – –</u>	
	SW040-1000D/	W 2111P				
	SW/846-1131/SW/846-6	010B or C		0.4 mg/L (ppm)	├──┝╡─	
Soil	SW846-7000		Flame Atomic Absorption			
V	SW846-7010		Graphite Furnace AA	0.3 ma/kg (ppm)		
^	SW846-6010B o	r C	ICP-AES	2 mg/kg (ppm)	-d	
	SM3111B/SW846-7000B		Flame Atomic Absorption	0.4 mg/L (ppm)		
Preserved with UNO, pH < 2	EPA 200.9		Graphite Furnace AA	0.003 mg/L (ppm)		
	EPA 200.7		ICP-AES	0.020 mg/L (ppm)		
Drinking Water Unpreserved	EPA 200.9		Graphite Furnace AA	0.003 mg/L (ppm)		
Preserved with HNO ₃ pH < 2 \Box	EPA 200 8		ICP-MS	0.001 mg/L (ppm)		
TSP/SPM Filter	40 CFR Part 5	0 ICP-AES		12 µg/filter		
Oth	40 CFR Part 5	<u> </u>	Graphite Fumace AA	3.6 ud/liter	┉╌┟╤╡╌╌	
Other:					<u> </u>	
Name of Sampler: ChrisBurns		Signa	ture of Sampler:	(Plat		
Sample # Location	on		Volume/Area	Date/Time S	Sampled	
APC4450-LS01 SOIL - 4 PT COMPOSIT	TE, NORTH SIDE			Ð		
AD4450-LS02 SOIL - 4 PT COMPOSIT	TE, EAST SIDE					
		qra a				
AL460U-LSUE SUIL - 4 PI-GOMPOSH	IL, SOUTH SIDE	TATIN'	HT CONCRETE			
AR4450-LS04-SOIL - 4 PT COMPOSIT	E, WEST SIDE	NO Soil Darkeine Lort				
· · · · · · · · · · · · · · · · · · ·		,	-1			
		L				
Client Sample #'s	SX)		Total # of Sa	amples: 4		
Relinguished (Client):	Date:	2/1r		1200		
			allo -	IA ILC.	*	
Comments:					<u>// </u>	
V				(W))	
			····	_		

Page 1 of ____ pages

,

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.

Vista Environmental Consulting, Inc.

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

091602679
32VEOK25

Project ID:

 Phone:
 (510) 346-8860

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

 Analysis Date:
 02/20/2016

 Collected Date:
 02/20/2016

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

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

Analyst(s)

Jared Martin (3)

Aciplicher

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

EMSI

EMEL ANALYTICAL INC.

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

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

091602679

PHONE: (510) 895-3675 F4x: (510) 895-3680

Company : Vista En	vironmental Consult	ing, Inc.	EMSL-Bill to: X Same Different				
Street: 2984 Teaga	irden Street		Third Party Billing requires written authorization from third party				
City: San Leandro	State/P	rovince: CA	Zip/Postal Code: 94577 Country: US				
Report To (Name): C	Chris Burns		Telephone #: 510-346-8	3860			
Email Address: christ	burns@vista-env.com; m	olli@vista-env.co	0Fax #;	Purchase O	rder:		
Project Name/Numbe	r: FORA/161091001	"	Please Provide Results:	🗌 Fax 🔀 Email			
U.S. State Samples T	aken: <u>CA</u>		CT Samples: 🗌 Comme	rcial/Taxable 🔲 Resi	Idential/Tax Exempt		
	Turn	around Time (TA	T) Options* - Please Chee	ck			
3 Hour 6	Hour 24 Hour	48 Hour			Vou will be asked to sign		
an authorization fo	orm for this service. Analysis	completed in accorda	nce with EMSL's Terms and Con	ditions located in the Analy	tical Price Guide		
PCM - Air Check if	f samples are from NY	<u>TEM – Air</u> 4	4.5hr TAT (AHERA only)	TEM-Dust			
NIOSH 7400		🗋 AHERA 40 C	FR, Part 763	Microvac - ASTM	D 5755		
📋 w/ OSHA 8hr. TW/	۹	🛛 🗋 NIOSH 7402		🔲 Wipe - ASTM D64	80		
PLM - Bulk (reporting	<u>i limit)</u>	📋 EPA Level II		Carpet Sonication	(EPA 600/J-93/167)		
X PLM EPA 600/R-93	3/116 (<1%)	SO 10312		Soil/Rock/Vermiculi	te ·		
T PLM EPA NOB (<1	%)	TEM - Bulk		PLM CARB 435 -	A (0.25% sensitivity)		
Point Count		🗌 TEM EPA NO)B	D PLM CARB 435 -	B (0.1% sensitivity)		
🔲 400 (<0.25%) 🗍 10	000 (<0.1%)	🔲 NYS NOB 19	8.4 (non-friable-NY)	TEM CARB 435 -	B (0 1% sensitivity)		
Point Count w/Gravime	etric	Chatfield SOI		TEM CARB 435 -	C (0.01% sensitivity)		
. 🔲 400 (<0.25%) 🗍 10	000 (<0.1%)	TEM Mass A	nalysis-EPA 600 sec. 2.5	TEM Qual. via Filt	ration Technique		
NYS 198.1 (friable	in NY)	TEM – Water: E	PA 100 2	TEM Qual. via Drop-Mount Technique			
🔲 NYS 198.6 NOB (r	non-friable-NY)	Fibers >10µm	🗋 Waste 🛛 Drinking	Other:			
□ NIOSH 9002 (<1%)	All Fiber Sizes	Waste Drinking				
Check For Positiv	e Stop – Clearly Identify	y Homogenous G	roup Filter Pore Size (A	Air Samples): 20.8	բլո 🗌 0.45µm		
Sampler s Name: Ch	nris Burns		Samplers Signature:	\bigcirc			
Sample #		Sample Descripti	on(Volūme/Arēa (Air)/ HA # (Bulk)	Date/Time Sampled		
A R 4458-AS01	SOIL - 4 PT CON	IPOSITE, NO	RTH SIDE				
AR4458-AS02	SOIL - 4 PT COM	IPOSITE, EAS	ST SIDE - NOSUN	Parkether LOT			
A R 4458-AS03	SOIL - 4 PT COM	POSITE, SOU					
AP4458-AS04	SOIL - 4 PT COM	POSITE, WE	ST SIDE				
			- <u> </u>				
Client Sample # (s):				Total # of Samples:	4		
Relinguished (Client)		Data	2/10/16	Timo	1200		
Received (Lab):	17/0	Date Date	2/13/16	Time	10:45 WI		
Comments/Special In	structions:				· · · · · · · · · · · · · · · · · · ·		

Controlled Document - Aspestos COC - R6 - 4/11/2012

Page 1 of 1 pages



Attn:	CHRIS BURNS	Phone:	(925) 254-3196
	Vista Environmental Consulting, Inc.	Fax:	
	2984 Teagarden St	Received:	02/13/16 10:45 AM
	San Leandro, CA 94577	Collected:	

Project: FORA/161091001

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

Client Sample Description	Lab ID	Collected	Analyzed	Lead Concentration
AR4458-LS01	091602649-0001	1	2/17/2016	<40 mg/Kg
	Site: SOIL - 4 PT	COMPOSI	FE, NORTH SIDE	
AR4458-LS03	091602649-0003	3	2/17/2016	<40 mg/Kg
	Site: SOIL - 4 PT	COMPOSI	FE, SOUTH SIDE	
AR4458-LS04	091602649-0004	4	2/17/2016	<43 mg/Kg
	Site: SOIL - 4 PT	COMPOSI	FE, WEST SIDE	

Chin Dijlieller

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 reproduced 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 Environmen	ntal C	onsulting		EMSL-Bill to: Different X Same					
Street: 2984 Teagarden Street				Third Party Billing requires written authorization from third party					
City: San leandro	State/P	rovince: CA		Zip/Postal Code: 94577 Country: USA					
Report To (Name): Chris Burns				Telephon	e#: 510-346-88	60			
Email Address: chrisburns@vista-	env.com	n, molli@vista-env.o	com	Fax #:	· · · · · · · · · · · · · · · · · · ·] P	urchase Order	
Project Name/Number: FORA/161091	001		l	Please Pr	ovide Results:	FAY	(X	E-mail	Mail
U.S. State Samples Taken: CA				CT Samp	les: 🗋 Commer	cial/Taxat	ole 🗌 F	Residential/Tax	Exempt
	Tu	rnaround Time	(TA	T) Option	s* - Please Ch	eck		:	
🗌 3 Hour 🔤 6 Hour	24	Hour 48	lour	72	2 Hour 9	6 Hour	1 🗐	Week	2 Week
Analysis co	omplete	d in accordance with	EMS	L's Terms ar	nd Conditions locat	ed in the Pr	ice Guide	9	
Matrix		Meth	od		Instrume	ent	Rep	orting Limit	Check
Chips 🗌 % by wt. 🗌 mg/cm² 📋	ppm	SW846-7	7000	В	Flame Atomic Al	osorption		0.01%	
Air		NIOSH	7082		Flame Atomic Al	osorption	4	µg/filter	
		NIOSH	7105		Graphite Furn	ace AA	0.0)3 µg/filter	
	_	NIOSH 7300	moo	lified	ICP-AES/ICI	P-MS	0.	5 µg/filter	
Wipe* ASTM [SW846-7	7000E	В	Flame Atomic Al	osorption	10) µg/wipe	
non ASTM [if no box is checked, non-ASTM*		SW846-601	10B c	or C	ICP-AES	3	1.0) µg/wipe	
Wipe is assumed		SW846-700	0B/7	010	Graphite Fuma	ace AA	0.0	75 µg/wipe	
TCLP		SW846-1311/700	IOB/S	SM 3111B	Flame Atomic Al	osorption	0.4 I	mg/L (ppm)	
		SW846-1131/SW8	346-6	010B or C	or C ICP-AES		0.1 mg/L (ppm)		
Soil		SW846-7	7000	В	Flame Atomic Absorption		40 mg/kg (ppm)		
X	-	SW846-	7010)	Graphite Furna	ace AA	0.3 r	ng/kg (ppm)	
		SVV845-601		7000B Flame Atomic Absorption 0		2 10	g/kg (ppm)	<u> </u>	
Wastewater Unpreserved		FPA 200.9		Granhite Fum	ace AA	0.4	mg/L (ppm)		
Preserved with $HNO_3 pH < 2$		EPA 2	00.7		ICP-AES	6	0.020) ma/L (ppm)	
Drinking Water Unpreserved	7	EPA 20	EPA 200.9		Graphite Fuma	ace AA	0.00	3 mg/L (ppm)	
Preserved with HNO ₃ pH < 2	5	EPA 2	8.00		ICP-MS		0.00	1 mg/L (ppm)	
		40 CFR F	40 CFR Part 50		ICP-AES	3	1:	2 µg/filter	
13P/3PW Filter		40 CFR F	Part 5	50 .	Graphite Fumace AA <u>3.6 µg</u> /filter				
Other:				-			1	×)	
Name of Sampler: ChrisBurns				Signa	ture of Sample	er: 🖊 🗖	Æ	$\langle -$	
Sample # L	ocatio	on			Volume/Are	ea Y		Date/Time S	ampled
AP 4458-LS01 SOIL - 4 PT COM	POSIT	E, NORTH SIDE	Ξ			Ľ			
AR4458-LS02-SOIL-4PTCON	4458-LS02-SOIL-4 PT COMPOSITE, EAST-SIDE-			NOSO	: parkens	(11)			
AR4458-LS03 SOIL - 4 PT COMPOSITE, SOUTH SIDE							i		
AP4458-LS04 SOIL - 4 PT COMPOSITE, WEST SIDE						·			
								···-	
Client Comple #e		~				al # of Sr	mplog		
	32	2		$\neg \neg \uparrow$			ampies	1700	I
Relinquished (Client): Date:			-2	10/16	Time:		1200		
Received (Lab):	<u></u>	Dat	e:	2/	13/16	Time:		10:454	·····
Comments:								KUS	
· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		·					

Page 1 of ____ pages

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.

Vista Environmental Consulting, Inc.

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

Project ID:

 Phone:
 (510) 346-8860

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

 Analysis Date:
 02/19/2016

 Collected Date:

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

			Non-As	Asbestos	
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
CF4453-AS01	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	N side	Non-Fibrous			
091602680-0001		Homogeneous			
Soil is a problem matrix. Oth	ner analytical options are recom	mended such as EPA 60	00 PLM/TEM with milling prep		
CF4453-AS02	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	E side	Non-Fibrous			
091602680-0002		Homogeneous			
Soil is a problem matrix. Oth	ner analytical options are recom	mended such as EPA 60	00 PLM/TEM with milling prep		
CF4453-AS03	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	S side	Non-Fibrous			
091602680-0003		Homogeneous			
Soil is a problem matrix. Oth	ner analytical options are recom	mended such as EPA 60	00 PLM/TEM with milling prep		
CF4453-AS04	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	W side	Non-Fibrous			
091602680-0004		Homogeneous			
Soil is a problem matrix. Oth	ner analytical options are recom	mended such as EPA 60	00 PLM/TEM with milling prep		

Analyst(s)

Adam C. Fink (4)

Aciplicher

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 22:54:26

.

 $(A_{1,2},A_{1,2})$

EMS

EMEL ANALYTICAL, INC.

CTS.TR.

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

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

091602680

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

r					Dill 4					
Company : Vista Environmental Consulting, Inc.				EMSL-Bill to: X Same L Different If Bill to is Different note instructions in Comments**						
Street: 2984 Teaga	arden Street			Third Party Billing	requires writte	n authorization	from third party			
City: San Leandro	5	State/Province: CA	Zip/P	Zip/Postal Code: 94577 Country: US						
Report To (Name):	Chris Burns		Telep	hone #: 510-34	6-8860					
Email Address: chris	burns@vista-env.c	om; molli@vista-env.	comFax #	Purchase Order:						
Project Name/Numbe	er: FORA/16109	Pleas	e Provide Resul	ts: 📋 Fax	🕅 Email					
U.S. State Samples 1	aken: CA	CT Sa	mples: 🗌 Com	mercial/Taxa	ble 🗌 Res	idential/Tax Exempt				
		Turnaround Time (AT) Opti	ons* – Please Cl	heck					
3 Hour 6	Hour 24	Hour 48 Hou	<u>, 10</u>	72 Hour	96 Hour	X 1 Week	2 Week			
*For TEM Air 3 hr through an authorization fi	n 6 hr, please call ahea orm for this service. A	id to schedule.*There is a j inalvsis completed in acco	remium cha dance with	rge for 3 Hour TEM EMSL's Terms and (AHERA or EPA Conditions locat	Level II TAT ed in the Analy	You will be asked to sign tical Price Guide.			
PCM - Air C Check	f samples are from	NY TEM - Air	4-4.5hr T	AT (AHERA only)	TEM-Du	ist				
NIOSH 7400		AHERA 4	CFR. Pa	rt 763		vac - ASTM	D 5755			
WOSHA 8hr TW	Δ		02		Wine	- ASTM D64	80			
PIM - Bulk (reporting	a limit)					t Sonication	(EPA 600/J-93/167)			
TY PI M EPA 600/8-9	3/116 (<1%)		•			kVermiculi	(<u>217100010001017</u>			
	1%)	TEM - Bulk				CARB 435 -	Δ (0.25% sensitivity)			
	(/0)						R (0.1% consitivity)			
	000 (<0.1%)		108 / /nor	frishle NV			B (0.1% sensitivity)			
	ooo (<0.176) etric		וטוז) ד.טפו רום	I-INGUIC-INT /		CARB 435 -	C (0.01% sensitivity)			
			on Analysis I			Ouel ves Eilt	ration Technique			
	UUU (~U. 176)	TEM - Water	EDA 100	2						
	silint) nan frichla NVO			4. Drinking		Qual. via Di	p-wount rechinque			
	non-maple-int)	Fibers > 10µm			Other:					
<u>NIOSH 9002 (<1%</u>	o)	All Fiber Sizes								
Check For Positiv	ve Stop - Clearly I	dentify Homogenous	Group	Filter Pore Size	(Air Sample	rs): 🔲 0.8	um 🔲 0.45µm			
Samplers Name: C	hris Burns		Sai	nplers Signatur	e:					
Sample #		Sample Descri	otion		Volume HA #	Area (Air) (Bulk)	Date/Time Sampled			
CF4453-AS01	SOIL - 4 PT	COMPOSITE, N	ORTH S	SIDE						
CF4453-AS02	SOIL - 4 PT	COMPOSITE, E	ST SI	DE			······································			
CF4453-AS03	SOIL - 4 PT (COMPOSITE, SC	UTH S	IDE						
054450 4004										
CF4453-ASU4	501L - 4 PT		ESI 5							
	<u> </u>			······						
	A	<u></u>								
Client Sample # (s):		/			Total # of	Samples:	4			
Relinquished (Client)	E Kan	- Da	e: / 2	2/12/11	•	Time	0741			
Received (Lab):	/ A	CAR Da	te: (02/13/16	·	Time	10-4 WI			
Comments/Special In	structions:						·			
{		-								

Controlled Document - Asbestos COC - R6 - 4/11/2012

Page 1 of 1 pages



Attn:	CHRIS BURNS	Phone:	(925) 254-3196
	Vista Environmental Consulting, Inc.	Fax:	
	2984 Teagarden St	Received:	02/13/16 10:45 AM
	San Leandro, CA 94577	Collected:	

Project: FORA/161091001

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

Client Sample Description	Lab ID	Collected	Analyzed	Lead Concentration
CF4453-LS01	091602658-0001		2/19/2016	<40 mg/Kg
	Site: SOIL - 4 PT	COMPOSI		
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	COMPOSI	E, WEST SIDE	

Chin Dijlieller

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 reproduced 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):

Ļ

091602651

PHONE: Eax.

						700		
Company : Vista Environmental C	EMSL-Bill to: Different X Same 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/P	rovince: CA	Zip/Postal Code: 94577 Country: USA						
Report To (Name): Chris Burns		Telephon	ie #: 510-346-886	50				
Email Address: chrisburns@vista-env.com	n, molli@vista-env.com	Fax #:			Pure	hase Order:		
Project Name/Number: FORA/161091001		Please Pl	rovide Results:	FAX	K X ⊑	-mail	Mail	
U.S. State Samples Taken: CA		CT Samp	les: 🗌 Commerc	ial/Taxat	ole 🗌 Res	sidential/Tax	Exempt	
Tu	rnaround Time (TA	T) Option	s* - Please Che	ck				
🗍 3 Hour 🔰 🗍 6 Hour 🔤 24	Hour 🛛 🗌 48 Hour	07	2 Hour 96	6 Hour	🔳 1 W	leek 🗌	2 Week	
*Analysis completed	d in accordance with EMS	L's Terms a	nd Conditions locate	d in the Pr	ice Guide			
Matrix	Method		Instrume	nt	Report	ing Limit	Check	
Chips 🗌 % by wt. 🗌 mg/cm² 📋 ppm	SW846-7000E	3	Flame Atomic Ab	sorption	0.	01%		
Air	NIOSH 7082		Flame Atomic Ab	sorption	4 µı	g/filter		
	NIOSH 7105		Graphite Furna	ce AA	0.03	ug/filter		
L	NIOSH 7300 mod	lified	ICP-AES/ICP	-MS	0.5 µ	ug/filter		
Wipe* ASTM 🗋	SW846-7000E	3	Flame Atomic Ab	sorption	10 µ	g/wipe		
non ASTM	SW846-6010B o	n C	ICP-AES		1.0 µ	ıg/wipe		
Wipe is assumed	SW846-7000B/7	010	Graphite Furna	ce AA	0.075	µg/wipe		
TCLP	SW846-1311/7000B/S	M 3111B	Flame Atomic Absorption		0.4 mg	/L (ppm)		
	SW846-1131/SW846-6	010B or C	ICP-AES		0.1 mg/L (ppm)			
Soil	SW846-7000E	0B Flame Atomic Absorptio		sorption	40 mg/kg (ppm)		<u> </u>	
~ X			Graphite Furna	ce AA	0.3 mg/kg (ppm)			
· · · · · · · · · · · · · · · · · · ·	SVV846-6010B 0	or C	ICP-AES		2 mg/kg (ppm)			
Wastewater Unpreserved 🗌	SM3111B/SW846-	7000B ×	Graphite Euroace AA		0.003 mc/l (ppm)		—片—	
Preserved with HNO ₃ pH < 2 \Box	EPA 200.9		ICP-AES		0.003 mg/L (ppm)		<u> </u>	
Drinking Water Uppreserved	EPA 200.9	EPA 200.9		Graphite Furnace AA		0.003 mg/L (ppm)		
Preserved with HNO ₃ pH < 2 \Box	EPA 200.8	ICP-MS			0.001 mg/L (ppm)			
	40 CFR Part 5	0	ICP-AES	P-AES		a/filter		
TSP/SPM Filter	40 CFR Part 5	30 Graphite Furnace AA			3.6	ıg/filter		
Other:								
Name of Sampler: ChrisBurns		Signa	ture of Sample	r;	-			
Sample # Location	on	¥	Volume/Are	a		Date/Time S	ampled	
CF4453-LS01 SOIL - 4 PT COMPOSIT	E, NORTH SIDE					٠	-	
CF4453-LS02 SOIL - 4 PT COMPOSIT	E, EAST SIDE			,		,		
CF4453-LS03 SOIL - 4 PT COMPOSIT	E, SOUTH SIDE							
CF4453-LS04 SOIL - 4 PT COMPOSIT	E, WEST SIDE							
	ک ے							
Client Sample #'s - /	/		Tota	l # of Sa	imples:	4		
Relinquished (Client):	Date:	02	12/14	Time:		9741		
Received (Lab):	Date:	21	13/16	Time:	[le	0:45am		
Comments:						1621		
	<u> </u>							

Page 1 of ____ pages

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.

Vista Environmental Consulting, 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:

 Phone:
 (510) 346-8860

 Fax:

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

 Analysis Date:
 02/19/2016

 Collected Date:

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

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

Analyst(s)

Jared Martin (4)

Aciplicher

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

EM E

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

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

EMSL ANALYTICAL INC.			09160	27	46			PHONE: (510) 895-3675 FAX: (510) 895-3680			
Company : Vista Env	vironmen	tal Consulti	ing, Inc.		E If Br	MSL-Bil It to is Diffe	3ill to: X Same Different ifferent note instructions in Comments**				
Street: 2984 Teaga	rden Stre	et			Third Party E	Billing reg	uires writt	en authorization	from third part	y	
City: San Leandro		State/P	rovince: CA	Zip/P	ostal Code:	94577		Country:	US		
Report To (Name); C	hris Burn	S		Telep	hone #: 51	0-346-8	860				
Email Address: chrish	nurns@vista	-env.com: m	olli@vista-env.co	nFax #	•			Purchase O	rder:		
Project Name/Numbe	r: FORA/	161091001		Pleas	e Provide F	Results:	🗌 Fax	K 🕅 Email			
U.S. State Samples Ta	aken: CA			CT Sa	amples: 🔲 (Comme	rcial/Tax	able 🗌 Resi	identiai/Tax I	Exempt	
		Turna	around Time (TA	<u>I) Opti</u>	ons* – Plea	se Chec	k				
SHOUT 6	Hour	24 Hour	edule *There is a prer	nium cha	72 Hour		6 HOUR RA or EP	A Level II TAT.	You will be aske	d to sign	
an authorization fo	orm for this ser	vice Analysis	completed in accorda	nce with	EMSL's Terms	s and Con	ditions loca	ated in the Analyt	ical Price Guide	·	
PCM - Air Check if	samples ar	e from NY	<u>TEM - Air</u> 4-	4.5hr 7	AT (AHERA o	only)	TEM-D	lust			
			AHERA 40 C	FR, Pa	irt 763			ovac - ASTM	D 5755		
w/ OSHA 8hr TWA	4		□ NIOSH 7402					e - ASTM D64	80		
PLM - Bulk (reporting	<u>limit)</u>		EPA Level II					bet Sonication	(EPA 600/J-9) 3/167)	
X PLM EPA 600/R-93	8/116 (<1%)		☐ ISO 10312				Soil/Ro	ck/Vermiculi			
PLM EPA NOB (<1	%)		<u>TEM - Bulk</u>	_				I CARB 435 - /	A (0.25% sen	sitivity)	
Point Count				B	7 · · · · · · · · · · · · · · · · · · ·			I CARB 435 - I	B (0.1% sens	tivity)	
	000 (<0.1%)			8.4 (noi	n-friable-NY))					
				TEM Mass Analysis-EPA 600 sec 2.5							
400 (<0.25%) [1 10	JUU (<u 1%)<br="">:~ ANV)</u>			DA 100	EFA OUU Se	<u>c. 2.5</u>	TEM Qual via Dron-Mount Technique				
	ITINY) an friabla N	122	<u>TEM - Water:</u> E		v∠ sto ⊡ Drink	ding 1	Other			unque	
	, ,	•••)	All Fiber Sizes Waste Drinking								
<u>NIOSH 9002 (<1%</u>)		All Fiber Sizes							-	
Check For Positive	e Stop – Cl	early Identify	/ Homogenous G	roup	Filter Pore	Size (A	ir Samp	les): 🗌 0.8j	um 🚺 0.45	,im	
Samplers Name: Ch	nris Burns	5		Sa	mplers Sigr	nature:	Volum	o/Aroa (Air)	Date/Ti	me	
Sample #		:	Sample Descripti	on			HA	# (Bulk)	Sampl	ed	
HH4430-AS01	SOIL -	4 PT CON	IPOSITE, NO	RTH	SIDE						
HH4430-AS02	SOIL - 4	4 PT COM	IPOSITE, EAS	ST SI	DE						
HH4430-AS03	SOIL - 4	PT COM	POSITE, SOL	ITH S	SIDE						
HH4430-AS04	SOIL -	4 PT COM	MPOSITE, WE	EST S	SIDE						
									· · · · · · · · · · · · · · · · ·		
		\bigcirc									
	·/						Fotal # -	f Samplasi	4		
Relinguished (Client):		J-		02	/12/11	•	0tal # 0	Time	0733		
	7-		fit	- n	112111	<i>.</i>			VILL	J.L	
Received (Lab):	structions	- Ne	Date:	<u> </u>			·	Time	<u>~ 7</u> >	<u> </u>	

Controlled Document - Asbestos COC - R6 - 4/11/2012

Page 1 of 1 pages



Attn:CHRIS BURNSPhone:(925) 254-3196Vista Environmental Consulting, Inc.Fax:02/13/16 10:45 AM2984 Teagarden StReceived:02/13/16 10:45 AMSan Leandro, CA 94577Collected:

Project: FORA/161091001

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

Client Sample Description	Lab ID	Collected	Analyzed	Lead Concentration
HH4430-LS01	091602608-0001	1	2/17/2016	<41 mg/Kg
	Site: SOIL -4PT	COMPOSITI	E NORTH SIDE	
HH4430-LS02	091602608-0002	2	2/17/2016	<42 mg/Kg
	Site: SOIL -4PT	COMPOSITI	E, EAST SIDE	
HH4430-LS03	091602608-0003	3	2/17/2016	<42 mg/Kg
	Site: SOIL -4PT	COMPOSITI		
HH4430-LS04	091602608-0004	4	2/17/2016	<40 mg/Kg
	Site: SOIL -4PT	COMPOSITI	E, WEST SIDE	

Chin Dijlieller

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 reproduced 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):

0916026000

PERME F۵x

Company : Vista Environmental Consulting			EMSL-Bill to: Different X Same 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	ndro State/Province; CA					Zip/Postal Code: 94577 Country: USA						
Report To (Name): Chris Burns	Report To (Name): Chris Burns				e#: 510-346-88	60						
Email Address: chrisburns@vista-	env com	n, molli@vista	-env.com	Fax #:			Pi	urchase Order:				
Project Name/Number: FORA/16109	1 001			Please P	rovide Results:	FA)	x X]E-mail 📃	Mail			
U.S. State Samples Taken: CA				CT Samp	les: 🗌 Commer	cial/Taxal	ble 🗌 F	Residential/Tax	Exen	npt		
	Tu	rnaround T	ime (TA	T) Option	s* - Please Che	eck						
🗌 3 Hour 🛛 🗌 6 Hour	24	Hour 🗌] 48 Hour	7	2 Hour 🛛 🧐	6 Hour	1 🗐	Week 🗌	2 Wee	ek		
*Analysis c	complete	d in accordanc	e with EMS	L's Terms a	nd Conditions locate	ed in the Pr	ice Guide					
Matrix			Method		Instrume	ent	Repo	orting Limit	Che	eck		
Chips 🗌 % by wt. 🗌 mg/cm² 📋	ppm	SN	/846-7000E	3	Flame Atomic Absorption 0.01%							
Air		N	OSH 7082		Flame Atomic At	osorption	4	µg/filter]		
		N	OSH 7105		Graphite Fuma	ice AA	0.0)3 µg/filter]		
		NIOSH	7300 mod	lified	ICP-AES/ICF	P-MS	0.9	5 µg/filter		<u> </u>		
Wipe* ASTM		SM	/846-7000E	3	Flame Atomic At	osorption	10) µg/wipe]		
non ASTM *if no box is checked, non-ASTM		SW84	46-6010B o	or C	ICP-AES	6	1.0) µg/wipe]		
Wipe is assumed		SW84	6-7000B/7	010	Graphite Furna	ice AA	0.07	75 µg/wipe]		
TCLP		SW846-131	1/7000B/S	M 3111B	Flame Atomic Absorption			0.4 mg/L (ppm)]		
		SW846-113	1/SW846-6	010B or C	; ICP-AES			0.1 mg/L (ppm)				
Soil		SM	/846-7000E	3	Flame Atomic Absorption		40 mg/kg (ppm)		<u> </u>	<u>(</u>		
X		SV	N846-7010	- 0			U.3 mg/kg (ppm)		}=	-		
		SM3111B/SW846-70		7000B	Flame Atomic Absorption				╾╾┢═	-		
Wastewater Unpreserved		EPA 200.9			Graphite Furnace AA		0.003 mg/L (ppm)		<u> </u>	1		
Preserved with $HNO_3 pH < 2$		EPA 200.7			ICP-AES		0.020 mg/L (ppm)		Ē	j – 1		
Drinking Water Unpreserved		EPA 200.9			Graphite Furnace AA		0 003 mg/L (ppm)]		
Preserved with HNO ₃ pH < 2		E	PA 200.8		ICP-MS		0.001 mg/L (ppm)]		
TSP/SPM Filter		40 (CFR Part 5	rt 50 ICP-AES			12]			
		40 (CFR Part 5	0	Graphite Furna	3.0	6 µg/filter		4			
Other:							I		Ļ			
Name of Sampler: ChrisBurns				Signa	ture of Sample	e r:						
Sample #	Locatio	on			Volume/Are	a		Date/Time S	amp	led		
HH4430-LS01 SOIL - 4 PT CON	/POSIT	re, North	SIDE	:								
HH4430-LS02 SOIL - 4 PT CON	IPOSIT	E, EAST SI	DE									
HH4430-LS03 SOIL - 4 PT CON	IPOSI	FE, SOUTH	SIDE									
HH4430-LS04 SOIL - 4 PT CON	MPOSI	TE, WEST S	SIDE					· · · · · · · · · · · · · · · · · · ·				
	\bigcap	$\overline{)}$				•						
Client Sample #'s	-	ν			Tot	al # of Sa	amples	: 4				
Relinquished (Client):	- /	ر	Date:	02/	12/16	Time:		0733				
Received (Lab):	\mathcal{T}	Color	Date:) S	1310	Time:		10:45C	<u> </u>			
Comments:					~ ~			_	•			

Page 1 of ____ pages

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.

Vista Environmental Consulting, Inc.

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

Project ID:

 Phone:
 (510) 346-8860

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

 Analysis Date:
 02/19/2016

 Collected Date:

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

		Non-Asbestos Asbestos				
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре	
HH4432-AS01	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected	
	N side	Non-Fibrous				
091602686-0001		Homogeneous				
Soil is a problem matrix. Other	er analytical options are recom	mended such as EPA 60	00 PLM/TEM with milling prep			
HH4432-AS02	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected	
	E side	Non-Fibrous				
091602686-0002		Homogeneous				
Soil is a problem matrix. Othe	er analytical options are recom	mended such as EPA 60	00 PLM/TEM with milling prep			
HH4432-AS03	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected	
	S side	Non-Fibrous				
091602686-0003		Homogeneous				
Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep						
HH4432-AS04	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected	
	W side	Non-Fibrous				
091602686-0004		Homogeneous				
Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep						

Analyst(s)

Adam C. Fink (4)

Aciplicher

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 23:02:55

The second second

EMSL

EMEL ANALYTICAL INC.

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

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

091602686

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

Company : Vista Environmental Consulting, Inc.			EMSL-Bill to: X Same 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			US			
Report To (Name): Chris Burns			Telephone #: 510-346-8860						
Email Address: chrisburns@vista-env.com; molli@vista-env.c			nolli@vista-env.co	mFax #: Purchase Order:				rder:	
Project Name/Numbe	r: FORA/161	1091001		Piease Provi	de Resu	ilts: 📋 Fax	K Email		
U.S. State Samples T	aken: CA		and The /TA	C1 Samples:		imercial/lax	able [] Resi	dential/ (ax Exempt	
3 Hour TE	Hour	24 Hour	around Time (TA		riease C	96 Hour	T XI 1 Week	2 Week	
*For TEM Air 3 hr through	6 hr, please call a	head to sch	nedule *There is a prer	nium charge for 3	Hour TEM	AHERA or EPA	Level II TAT.	You will be asked to sign	
an authonzation form for this service Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide									
PCM - Air	samples are fr	OM NY	TEM - Air 4-4.5hr TAT (AHERA only)			TEM-D	TEM-Dust		
				FR, Part 763			ovac - ASTM	D 5755	
U w/ OSHA 8hr. TWA	<u> </u>		NIOSH 7402				Wipe - ASTM D6480		
PLM - Bulk (reporting	<u>limit)</u>					Carp	et Sonication	(EPA 600/J-93/167)	
X PLM EPA 600/R-93	/116 (<1%)		□ ISO 10312			Soil/Ro	ck/Vermiculi	<u>te</u>	
🔲 PLM EPA NOB (<1	%)		TEM - Bulk				CARB 435 - /	A (0.25% sensitivity)	
Point Count			TEM EPA NO	B		D PLM	CARB 435 - I	B (0.1% sensitivity)	
🗋 400 (<0.25%) 🗍 10	000 (<0.1%)		NYS NOB 19	8.4 (non-friable	⊢NY)		CARB 435 - I	B (0.1% sensitivity)	
Point Count w/Gravime	etric		Chatfield SOF	5		(🗋 тем	CARB 435 - (C (0.01% sensitivity)	
🗍 400 (<0.25%) 🗍 1(000 (<0,1%)		TEM Mass Ar	alysis-EPA 60	0 sec. 2.	5 🔤 ТЕМ	TEM Qual. via Filtration Technique		
🔲 NYS 198.1 (friable	in NY)		TEM - Water: El	PA 100.2		TEM	Qual. via Dro	p-Mount Technique	
🔲 NYS 198.6 NOB (r	on-friable-NY)		Fibers >10µm	🗋 Waste 📋 I	Drinking	Other:	Other:		
NIOSH 9002 (<1%)		All Fiber Sizes	🗋 Waste 📋 I	Drinking				
Check For Positive Stop - Clearly Identify Homogenous Group Filter Pore Size (Air Samples): 0.8µm 0.45µm Samplers Name: Chris Burns Samplers Signature:									
Sample #	Volume/Area (Air) Date/Time Sample Description HA # (Bulk) Sampled				Date/Time Sampled				
HH4432-AS01	SOIL - 4 PT COMPOSITE, NO			RTH SIDE					
HH4432-AS02	SOIL - 4 PT COMPOSITE, EAS			ST SIDE					
HH4432-AS03 SOIL - 4 PT COMPOSITE, SOU			ITH SIDE						
HH4432-AS04 SOIL - 4 PT COMPOSITE, WE			ST SIDE						
		6.4							
Client Sample # (s): Total # of Samples:									
Relinquished (Client): Date: 02/12/16 Time: 1000									
Received (Lab): Comments/Spectal In	structions:	<u>AC</u>	Date:	211	3/16		Time	10:45 W]	
	_								

Controlled Document - Asbestos COC - R6 - 4/11/2012

Page 1 of 1 pages



Attn:CHRIS BURNSPhone:(925) 254-3196Vista Environmental Consulting, Inc.Fax:902/13/16 10:45 AM2984 Teagarden StReceived:02/13/16 10:45 AMSan Leandro, CA 94577Collected:

Project: FORA/161091001

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

Client Sample Description	Lab ID	Collected	Analyzed	Lead Concentration
HH4432-LS01	091602664-0001	1	2/15/2016	<40 mg/Kg
	Site: SOIL - 4 PT			
HH4432-LS02	091602664-0002	2	2/15/2016	<41 mg/Kg
	Site: SOIL - 4 PT	COMPOSI	TE, EAST SIDE	
HH4432-LS03	091602664-0003	3	2/15/2016	<40 mg/Kg
	Site: SOIL - 4 PT	COMPOSI	TE, SOUTH SIDE	
HH4432-LS04	091602664-0004	4	2/15/2016	<42 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, WEST SIDE			

Chin Dijlieller

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 reproduced 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: Different X Same						
Street: 2984 Teagarden Street	t 		Third Party Billing requires written authorization from third party						
City: San leandro	State/Province: CA			al Code: 94577	-	C	ountry: USA		
Report To (Name): Chris Burn	IS		Telepho	ne #: 510-346-88	60				
Email Address: chrisburns@vista-env.com, molli@vista-env.com			Fax #:			P	urchase Order:		
Project Name/Number: FORA/1	61091001		Please P	rovide Results:	FAJ	X	E-mail	Mail	
U.S. State Samples Taken: CA			CT Samp	oles: 🔲 Commer	cial/Taxal	ole 🔲 i	Residential/Tax	Exem	npt
	Tu	Irnaround Time (T	AT) Optior	ns* - Please Ch	eck				
🗌 3 Hour 🛛 🗍 6 Hour	24	Hour 🗌 48 Ho	ır □7	2 Hour 🛛 🤤 9	6 Hour	1	Week 🗌	2 Wee	ek
*Anal	ysis complete	d in accordance with EN	ISL's Terms a	nd Conditions locat	ed in the Pr	ice Guid	9		_
Matrix		Method		Instrume	ent	Rep	orting Limit	Che	eck
Chips 🗌 % by wt. 🗌 mg/cm³	ppm	SW846-700	0B	Flame Atomic Al	osorption		0.01%]
Air		NIOSH 708	12	Flame Atomic Al	osorption	4	µg/filter]
		NIOSH 710)5	Graphite Furna	ace AA	0.0)3 µg/filter]
		NIOSH 7300 m	odified	ICP-AES/ICF	P-MS	0.	5 µg/filter]
Wipe* AST	M 🗋	SW846-700	0B	Flame Atomic A	osorption	10) µg/wipe]
non AST	M []	SW846-6010E	orC	ICP-AES	3	1.0	0 µg/wipe]
Wipe is assum	ed	SW846-7000B	/7010	Graphite Furna	ace AA	0.0	75 µg/wipe	Ĺ]
TCLP		SW846-1311/7000B	/SM 3111B	Flame Atomic Al	osorption	0.4	mg/L (ppm)]
		SW846-1131/SW846	-6010B or C	ICP-AES	6	0.1	mg/L (ppm)		
Soil		SW846-700	0B	Flame Atomic Absorption		<u>40 n</u>	ng/kg (ppm)	X	<u>[]</u>
<u> </u>		SW846-70		Graphite Furn	ace AA	0.3 r	ng/kg (ppm)	╞╴┈┝╴	╡──
		SV040-0010E	3 70008	Elame Atomic Absomtion			<u>g/kg (ppm)</u>		1
Wastewater Unpreserve	d 🗌	EPA 200.9		Graphite Furna	ace AA	0.003	ma/L (ppm)		i
Preserved with HNO ₃ pH <	2 🗋	EPA 200.7		ICP-AES	3	0.020) mg/L (ppm)		j
Drinking Water Unpreserve	ed 🗌	EPA 200.		Graphite Furna	ace AA	0.00	3 mg/L (ppm)]
Preserved with HNO ₃ pH <	2	EPA 200.	3	ICP-MS		0.00	1 mg/L (ppm)]
TSP/SPM Filter		40 CFR Par	50	ICP-AES		1	2 µg/filter		<u>]</u>
		40 CFR Par	50	Graphite Furnace AA		3.	6 µg/filter	┝─└─	<u> </u>
Other:									
Name of Sampler: ChrisBur	ns		Signa	ature of Sample	er:				
Sample #	Locati	on		Volume/Ar	ea		Date/Time S	Sampl	led
HH4432-LS01 SOIL - 4 PT	1H4432-LS01 SOIL - 4 PT COMPOSITE, NORTH SIDE								
HH4432-LS02 SOIL - 4 PT (COMPOSIT	TE, EAST SIDE							
HH4432-LS03 SOIL - 4 PT COMPOSITE, SOUTH SIDE									
HH4432-LS04 SOIL - 4 PT COMPOSITE, WEST SIDE				 *_					
				· · · · · · · · · · · · · · · · · · ·					
Client Sample #'s	-			Tot	al # of Sa	amples	;		
Relinguished (Client):		Date:			Time:				_
Received (Lab):		Date:	10	2/13/14	Time:		10:4(am		
Comments:							<u></u>		
							i un		
I Contraction of the second se									

Page 1 of ____ pages

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.

Vista Environmental Consulting, Inc.

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

Project ID:

 Phone:
 (510) 346-8860

 Fax:

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

 Analysis Date:
 02/19/2016

 Collected Date:

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

			Non-Asl	<u>pestos</u>	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре
HH4434-AS01	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	N side	Non-Fibrous			
091602657-0001		Homogeneous			
Soil is a problem matrix. Oth	her analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
HH4434-AS02	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	E side	Non-Fibrous			
091602657-0002		Homogeneous			
Soil is a problem matrix. Oth	her analytical options are recomi	mended such as EPA 60	0 PLM/TEM with milling prep		
HH4434-AS03	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	S side	Non-Fibrous			
091602657-0003		Homogeneous			
Soil is a problem matrix. Oth	her analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	W side	Non-Fibrous		· · · · · · · · · · · · · · · · · · ·	
091602657-0004		Homogeneous			
Soil is a problem matrix. Oth	her analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		

Analyst(s)

Adam C. Fink (4)

Aciplicher

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

EMSI

EMSL ANALYTICAL, INC.

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

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

091602657

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

:

х -

ł

Company : Vista Environmental Consulting, Inc.		EMSL-Bill to: X Same Different If Bill to is Different note instructions in Comments**				
Street: 2984 Teaga	rden Street		Third Party Billing requires written authorization from third party			
City: San Leandro	St	ate/Province: CA	Zip/Postal Code: 94	577 Count	US	
Report To (Name): (Chris Burns		Telenhone # 510-34	6-8860	· · · · · · · · · · · · · · · · · · ·	
Email Address: chris	burns@vista-env.co	m: molli@vista-env.co	MEav #:	Burch	ana Ordan	
Project Name/Numbe	r: FORA/16109	1001	Please Provide Resu	tts: □ Fax K E	mail	
U.S. State Samples T	aken: CA		CT Samples: 🗌 Com	mercial/Taxable	Residential/Tax Exempt	
		Turnaround Time (TA	T) Options* – Please C	heck		
3 Hour 6 Sec TEM Air 3 br through	6 hr. please call about	to schedule *There is a prev	1 72 Hour	96 Hour X 1	Week 2 Week	
an authorization fo	orm for this service An	alysis completed in accorda	nce with EMSL's Terms and	Conditions located in the	Analytical Price Guide	
PCM - Air Check if	f samples are from I	VY <u>TEM – Air</u> 🗌 4-	4.5hr TAT (AHERA only)	TEM-Dust		
NIOSH 7400		AHERA 40 C	FR, Part 763	Microvac - A	STM D 5755	
W/ OSHA 8hr. TW/	<u> </u>	NIOSH 7402		Wipe - ASTN	M D6480	
PLM - Bulk (reporting	<u>Llimit)</u>				cation (EPA 600/J-93/167)	
	%116 (<1%) %)			Soil/Rock/Vern	<u>niculite</u>	
PLM EPA NOB (<1	70)		D		435 - A (0.25% sensitivity)	
	000 (<0.1%)		D 8 4 (non-friable-NV)		435 - B (0.1% sensitivity) 435 - B (0.1% sensitivity)	
Point Count w/Gravime	etric	Chatfield SOF			435 - C (0.01% sensitivity)	
□ 400 (<0.25%) □ 10	000 (<0.1%)	TEM Mass Ar	alysis-EPA 600 sec. 2.8	5 TEM Qual. v	ia Filtration Technique	
NYS 198 1 (friable	in NY)	TEM - Water: El	PA 100.2	ia Drop-Mount Technique		
🔲 NYS 198.6 NOB (r	ion-friable-NY)	Fibers >10µm	🗋 Waste 📋 Drinking	Other:		
□ NIOSH 9002 (<1%)	All Fiber Sizes [Waste Drinking			
Check For Positiv	e Stop – Clearly Ide	entify Homogenous G	roup Filter Pore Size	Air Samples):] 0 8um □] 0 45um	
	·					
Samplers Name: Cr	iris Burns	· · ·	Samplers Signatur	e:		
Sample #		Sample Description	on	Volume/Area (HA # (Bulk)	Air) Date/Time Sampled	
HH4434-AS01	SOIL - 4 PT (COMPOSITE, NO	RTH SIDE			
HH4434-AS02	SOIL - 4 PT C	COMPOSITE, EAS	ST SIDE			
HH4434-AS03	SOIL - 4 PT C	OMPOSITE, SOU	TH SIDE			
HH4434-AS04	SOIL - 4 PT (COMPOSITE, WE	ST SIDE			
			······			
		······································				
		· · · · · · · · · · · · · · · · · · ·				
	[a.)	un 1 0, , , , , , , , , , , , , , , , , , ,				
Client Sample # (s):				Total # of Sampl	es: 4	
Relinquished (Client)	Relinguished (Client): 47					
Received (Lab)	Received (Lab)					
Comments/Special In	structions:		<u> </u>			
	= ··· · · · · · · · · · · · · · · · · ·					

Controlled Document - Asbestos COC - R6 - 4/11/2012

Page 1 of 1 pages



Attn:	CHRIS BURNS	Phone:	(925) 254-3196
	Vista Environmental Consulting, Inc.	Fax:	
	2984 Teagarden St	Received:	02/13/16 10:45 AM
	San Leandro, CA 94577	Collected:	
	,		

Project: FORA/161091001

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

Client Sample Description	Lab ID	Collected	Analyzed	Lead Concentration
HH4434-LS01	091602663-0001	1	2/15/2016	<40 mg/Kg
	Site: SOIL - 4 PT	COMPOSI	FE, NORTH SIDE	
HH4434-LS02	091602663-0002	2	2/15/2016	<41 mg/Kg
	Site: SOIL - 4 PT	COMPOSI	FE, EAST SIDE	
HH4434-LS03	091602663-0003	3	2/15/2016	<40 mg/Kg
	Site: SOIL - 4 PT	COMPOSI	FE, SOUTH SIDE	
HH4434-LS04	091602663-0004	1	2/15/2016	50 mg/Kg
	Site: SOIL - 4 PT	COMPOSI	FE, WEST SIDE	

Chin Dijlieller

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 reproduced 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: FΔX.

					· · · · · · · · · · · · · · · · · · ·		
Company : Vista Environmental C	ompany : Vista Environmental Consulting			EMSL-Bill to: Different X Same 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/P	rovince: CA	Zip/Posta	al Code: 94577		Country: USA		
Report To (Name): Chris Burns		Telephor	ie #: 510-346-886	60			
Email Address: chrisburns@vista-env.com, molli@vista-env.com					Purchase Orde	r:	
Project Name/Number: FORA/161091001		Please P	rovide Results:	FAX	X E-mail	Mail	
U.S. State Samples Taken: CA		CT Samp	les: 🗌 Commerc	ial/Taxab	ole 🗌 Residential/Ta	x Exempt	
Τυ	Irnaround Time (TA	T) Option	s* - Please Che	ck			
☐ 3 Hour ☐ 6 Hour ☐ 24	Hour 48 Hour		2 Hour 96	Hour	🔳 1 Week 🛛 🗌	2 Week	
*Analysis complete	d in accordance with EMS	L's Terms a	nd Conditions locate	d in the Pri	ce Guide		
Matrix	Method		Instrume	nt	Reporting Limit	Check	
Chips 🗌 % by wt. 🗋 mg/cm² 🗌 ppm	SW846-7000E	3	Flame Atomic Abs	sorption	0.01%		
Air	NIOSH 7082		Flame Atomic Ab	sorption	4 µg/filter		
	NIOSH 7105		Graphite Furna	ce AA	0.03 µg/filter		
	NIOSH 7300 mod	lified	ICP-AES/ICP	-MS	0.5 µg/filter		
Wipe* ASTM 🔲	SW846-7000E	3	Flame Atomic Abs	sorption	10 μg/wipe		
non ASTM *if no box is checked, non-ASTM	SW846-6010B c	or C	ICP-AES		1.0 µg/wipe		
Wipe is assumed	SW846-7000B/7	010	Graphite Fuma	ce AA	0.075 µg/wipe		
TCLP	SW846-1311/7000B/S		Flame Atomic Abs	sorption	0.4 mg/L (ppm)	└── <u>□</u> ──	
	SW846-1131/SW846-6	010B or C	ICP-AES		0.1 mg/L (ppm)		
Soil	SW846-7000E		Flame Atomic Abs	sorption	40 mg/kg (ppm)	<u> _×</u>	
X	SW846-7010		Graphite Futhace AA.		<u>0.3 mg/kg (ppm)</u>	┠─┝┽╼┤	
	SVV846-6010B C	SW848-8010B 01 C				┟┝┽┥	
Wastewater Unpreserved 🔲	SM3111B/SVV846-7000B		Graphite Surray		0.4 mg/L (ppm)	╏──╞╡──┤	
Preserved with HNO ₃ pH < 2 \Box	EPA 200.9		ICP-AFS	<u>~~~</u>	0.000 mg/L (ppm)	╏╴╞╡╶┨	
Drinking Water Unpreserved	EPA 200.9		Graphite Furnar	ce AA	0.003 mg/L (ppm)		
Preserved with HNO ₃ pH < 2 \Box	EPA 200.8		ICP-MS		0.001 mg/L (ppm)		
	40 CFR Part 5	0	ICP-AES		12 µg/filter		
	40 CFR Part 5	i0	Graphite Furnad	ce AA	3.6 µg/filter		
Other:	đ.		-				
Name of Sampler: ChrisBurns		Signa	ture of Sample	r:			
Sample # Location	วที		Volume/Are	a	Date/Time	Sampled	
HH4434-LS01 SOIL - 4 PT COMPOSIT	FE, NORTH SIDE				· · ·		
HH4434-LS02 SOIL - 4 PT COMPOSIT	SOIL - 4 PT COMPOSITE, EAST SIDE						
HH4434-LS03 SOIL - 4 PT COMPOSI	3 SOIL - 4 PT COMPOSITE, SOUTH SIDE						
HH4434-LS04 SOIL - 4 PT COMPOSIT	SOIL - 4 PT COMPOSITE, WEST SIDE						
	M				~		
Client Sample #'s - 🥠	$\eta \eta$, , Tota	I # of Sa	imples:		
Relinguished (Client):	Date:	02	12/16	Time:	1000		
Received (Lab):	Date:	2	113/16	Time:	(D: 45m		
Comments:		1			1623		
			-		- -		

Page 1 of ____ pages

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.

Vista Environmental Consulting, Inc.

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

Project ID:

 Phone:
 (510) 346-8860

 Fax:
 202/13/2016 10:45 AM

 Analysis Date:
 02/19/2016

 Collected Date:
 202/19/2016

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

			Non-As	<u>bestos</u>	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
HH4436-AS01	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	N side	Non-Fibrous			
091602681-0001		Homogeneous			
Soil is a problem matrix. Or	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
HH4436-AS02	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	E side	Non-Fibrous			
091602681-0002		Homogeneous			
Soil is a problem matrix. Or	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
HH4436-AS03	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	S side	Non-Fibrous			
091602681-0003		Homogeneous			
Soil is a problem matrix. Or	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
HH4436-AS04	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	W side	Non-Fibrous			
091602681-0004		Homogeneous			
Soil is a problem matrix. Or	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		

Analyst(s)

Adam C. Fink (4)

Aciplicher

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

EMSL ANALYTICAL, INC.

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

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

091602681

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

:

and A

Company : Vista Environmental Consulting, Inc.		EMSL-Bill to: X Same Different			
Street: 2984 Teaga	arden Street		Third Party Billing n	equires written authorizatio	n from third party
City: San Leandro	St	tate/Province: CA	Zip/Postal Code: 9457	77 Country:	US
Report To (Name): (Chris Burns		Telephone #; 510-346-8860		
Email Address: chris	burns@vista-env.co	om; molli@vista-env.co	mFax #:	Purchase C)rder:
Project Name/Numbe	er: FORA/16109	1001	Please Provide Result	s: 🔲 Fax 🛛 Email	· · · · · · · · · · · · · · · · · · ·
U.S. State Samples T	aken: CA		CT Samples: C Comm	nercial/Taxable 🗌 Res	idential/Tax Exempt
	Hour 24 I	Turnaround Time (TA	T) Options" – Please Cho	eck 96 Hour IXI 1 Week	
*For TEM Air 3 hr through an authorization fr	6 hr, please call ahead	to schedule.*There is a prei	mium charge for 3 Hour TEM A	HERA or EPA Level II TAT	You will be asked to sign tical Brice Guide
PCM - Air Check i	f samples are from	NY <u>TEM – Air</u> 4	4.5hr TAT (AHERA only)	TEM- Dust	
NIOSH 7400			FR, Part 763	Microvac - ASTM	D 5755
🔲 w/ OSHA 8hr. TW/	٩	NIOSH 7402		Wipe - ASTM D64	80
PLM - Bulk (reporting	<u>limit)</u>	EPA Level II		Carpet Sonication	(EPA 600/J-93/167)
X PLM EPA 600/R-93	3/116 (<1%)	🔲 ISO 10312		Soil/Rock/Vermiculi	te
🗌 PLM EPA NOB (<1	%)	TEM - Bulk		PLM CARB 435 -	A (0.25% sensitivity)
Point Count		TEM EPA NO	B	PLM CARB 435 -	B (0.1% sensitivity)
1 (<0.25%)	000 (<0.1%)		8.4 (non-friable-NY)	TEM CARB 435 -	B (0.1% sensitivity)
Point Count w/Gravim	etric	Chatfield SOF	2	TEM CARB 435 -	C (0.01% sensitivity)
400 (<0.25%) 🗌 1	000 (<0.1%)	TEM Mass Ar	nalysis-EPA 600 sec 25	ration Technique	
NYS 198.1 (friable	in NY)	<u>TEM – Water:</u> E	PA 100.2 I TEM Qual. via Drop-Mo		p-Mount Technique
U NYS 198.6 NOB (r	ion-friable-NY)	Fibers >10µm	Waste Drinking Other:		
□ NIOSH 9002 (<1%	» <u>}</u>	All Fiber Sizes			· .
Check For Positiv	e Stop – Clearly Id	entify Homogenous G	roup Filter Pore Size ((Air Samples): 🔲 0.8	um 🔲 0.45µm
Samplers Name: Cl	nris Burns	<u>.</u>	Samplers Signature	:	
Sample #		Sample Descripti	on	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
HH4436-AS01	SOIL - 4 PT	COMPOSITE, NO	RTH SIDE		
HH4436-AS02	SOIL - 4 PT (COMPOSITE, EAS	ST SIDE		
HH4436-AS03	SOIL - 4 PT C	OMPOSITE, SOU	TH SIDE		
HH4436-AS04	SOIL - 4 PT	COMPOSITE, WE	EST SIDE		
		· · · · · · · · · · · · · · · · · · ·			
	· · · · · · · · · · · · · · · · · · ·		·····		
	\sim)			
Client Sample # (s): /// - Total # of Samples:					
Relinquished (Client)	the for	Date:	02/12/14	Time	8752
Received (Lab):		Date:	213/14	Time	PO:45 WI
Comments/Special Instructions:					

Controlled Document - Asbestos COC - R6 - 4/11/2012

Page 1 of 1 pages



Attn:CHRIS BURNSPhone:(925) 254-3196Vista Environmental Consulting, Inc.Fax:02/13/16 10:45 AM2984 Teagarden StReceived:02/13/16 10:45 AMSan Leandro, CA 94577Collected:

Project: FORA/161091001

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

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

Chin Dijlieller

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 reproduced 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):

09/602659

PHONE: Fax:

Company: Vista Environmental	Consulting	EMSL-Bill to: Different X Same				
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		Telephor	ne #: 510-346-886	60		
Email Address: chrisburns@vista-env.c	om, molli@vista-env.com	Fax #:			Purchase Order	
Project Name/Number: FORA/161091001		Please P	rovide Results:	FAX	X E-mail	Mail
U.S. State Samples Taken: CA		CT Samp	les: Commerc	ial/Taxab	le 🗍 Residential/Tax	Exempt
	Furnaround Time (TA	T) Option	s* - Please Che	ck		
3 Hour 6 Hour 2	4 Hour 🛛 🗍 48 Hour	r 🗆 7:	2 Hour 🛛 🗌 96	Hour	🔳 1 Week 🛛	2 Week
*Analysis comple	ted in accordance with EMS	SL' <mark>s Terms</mark> a	nd Conditions locate	d in the Pri	ce Guide	
Matrix	Method		Instrume	nt	Reporting Limit	Check
Chips 🗌 % by wt. 🗋 mg/cm² 🗌 ppm	SW846-7000	В	Flame Atomic Abs	sorption	0.01%	
Air	NIOSH 7082	!	Flame Atomic Abs	sorption	4 µg/filter	
	NIOSH 7105	j	Graphite Furnad	xe AA	0.03 µg/filter	
	NIOSH 7300 mod	dified	ICP-AES/ICP-	MS	0.5 µg/filter	
Wipe* ASTM	SW846-7000	B	Flame Atomic Abs	sorption	10 µg/wipe	
non ASTM *If no box is checked, non-ASTM	SW846-6010B c	or C	ICP-AES		1.0 µg/wipe	
Wipe is assumed	SW846-7000B/7	010	Graphite Furnad	xe AA	0.075 µg/wipe	
TCLP	SW846-1311/7000B/S	SM 3111B	Flame Atomic Absorption		0.4 mg/L (ppm)	
	SW846-1131/SW846-6	010B or C	ICP-AES		0.1 mg/L (ppm)	
Soil	SW846-7000	B .	Flame Atomic Abs	sorption	<u>40 mg/kg (ppm)</u>	<u> </u>
X	SW846-6010B	<u></u>			<u>0.3 mg/kg (ppm)</u> 2 mg/kg (ppm)	╞╼┝╧┥╴┨
······································	SM3111B/SW846-	7000B	Flame Atomic Abs	orption		
Wastewater Unpreserved	EPA 200.9		Graphite Furnad	xe AA	0.003 mg/L (ppm)	
Preserved with $HNO_3 pH < 2$	EPA 200.7		ICP-AES		0.020 mg/L (ppm)	
Drinking Water Unpreserved	EPA 200.9	-	Graphite Furnad	xe AA	0.003 mg/L (ppm)	
Preserved with HNO ₃ pH < 2	EPA 200.8	·	ICP-MS		0.001 mg/L (ppm)	
TSP/SPM Filter	40 CFR Part 5	50	ICP-AES		<u>12 µg/filter</u>	
04ho	40 CFR Part s		Graphite Furnad	xe AA	3.6 µg/filter	┝──┝╡╌─┤
			L			└──└──┤
Name of Sampler: ChrisBurns		Signa	ture of Sampler	:	· · · · · · · · · · · · · · · · · · ·	
			Volume/Area	a	Date/Time S	Sampled
HH4436-LSUT SUIL - 4 PT COMPOS	SITE, NORTH SIDE					
HH4436-LS02 SOIL - 4 PT COMPOS	ITE, EAST SIDE					
HH4436-LS03 SOIL - 4 PT COMPOSITE, SOUTH SIDE						
HH4436-LS04 SOIL - 4 PT COMPOSITE, WEST SIDE						
						;
Client Sample #'s	./	L	Tota	l # of Sa	mples: 4	
Relinguished (Client):	Date:	02/	2/160	Time:	0732	
Pageived (I ab):		5,	13/14	Time	10146	
Comments:			-07(D	i me:		
					(6)5	
·						

Page 1 of ____ pages

•

٠

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





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

			Non-Asbes	itos	Asbestos		
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре		
HH4440-AS01	Soil - 4 pt composite,	Brown	10% Cellulose	45% Quartz	None Detected		
	N side	Non-Fibrous		45% Non-fibrous (Other)			
091602660-0001		Homogeneous					
Soil is a problem matrix. O	other analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep				
HH4440-AS02	Soil - 4 pt composite,	Brown	15% Cellulose	45% Quartz	None Detected		
	E side	Non-Fibrous		40% Non-fibrous (Other)			
091602660-0002		Homogeneous					
Soil is a problem matrix. O	other analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep				
HH4440-AS03	Soil - 4 pt composite,	Brown	15% Cellulose	45% Quartz	None Detected		
	S side	Non-Fibrous		40% Non-fibrous (Other)			
091602660-0003		Homogeneous					
Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep							
HH4440-AS04	Soil - 4 pt composite,	Brown	15% Cellulose	45% Quartz	None Detected		
	W side	Non-Fibrous		40% Non-fibrous (Other)			
091602660-0004		Homogeneous					
Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep							

Analyst(s)

Cecilia Yu (4)

Diplicher

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

7 ---- Zee --

EMS

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

091602666

Streat: 2984 Tesgarden Street Third Party Elling requires written authorization from third party City: San Leandro State/Province: Report To (Mame): Chris Burns: Telephone 8: 510-346-8860 Project Name/Number: FORA/161091001 U:S. State Samples Telen: CA Chronic Name/Number: FORA/161091001 Visite Samples Telen: CA Chronic Name/Number: FORA Visite Samples Telen: CA Chronic Name/Number: FORA Chronic Name/Number: CA Chronic Name/Number: CA Shour: Carres Samples Telen: Chronic Name/Number: CA Chronic Name/Number: CA Shour: Chronic Name/Number: Chronic Name/Number: CA Shour: Chronic Name/Number: </th <th>Company : Vista En</th> <th>vironmental Consult</th> <th>ing. Inc.</th> <th>EMSL-E</th> <th>Sill to: 🔀 Same 🛄 Differ</th> <th>ient Ients**</th>	Company : Vista En	vironmental Consult	ing. Inc.	EMSL-E	Sill to: 🔀 Same 🛄 Differ	ient Ients**
City: San Leandro State/Province: CA Zip/Postal Code: 94577 Country: US Report To (Name): Chris Burns Telephone #: 510-346-8860 Email Address: Chris Durns@vista-env.com; molil@vista-env.comFax #: Purchase Order: Project NameNumber: FORA/161091001 Please Provide Results: Fax & Entail 3 Hour IS Bate Samples Taken: CA Cf Samples: I Commercia/Taxable [Residentia/Tax Exen 3 Hour IS Bhour IS Bate Samples Taken: CA If Week [I To X W I To Week [I To X W I To Week [I To X W I To Week [I To X W I To Week [I To X Week [I To X Week [I To X Week [I To X W I To Week [I To X Week [I To X W I To Week [I To X	Street: 2984 Teaga	arden Street		Third Party Billing requires written authorization from third party		
Report To (Name): Chris Burns Telephone #: 510-346-8860 Email Address: Chrisburns@vista env.com; moli@vista-env.comFax #: Purchase Order: Project Name/Number: FORA/161091001 Please Provide Results: Fax & Email US: State Samples Taken: Turnaround Time (TAI) Options" - Please Check Ease Check Image: Chrisburg@vista-env.comFax #: Purchase Order: 3 Hour Image: Chrisburg@vista-env.comFax #: Part Env.comFax #: Purchase Chrisburg@vista-env.comFax #: Purchase C	City: San Leandro	State/P	rovince: CA	Zip/Postal Code: 9457	7 Country: U	IS
Email Address: chrisburns@vista-env.com; molli@vista-env.comFax #; Purchase Order: Project Name/Number: FORA/161091001 Please Provide Results: □ Pax & Email US: State Samples Taken: CA CT Samples: □ CommercialTexable □ ResidentialTax Exen 3 Hour: □ 2 Hour: □ 24 Hour: □ 24 Weak Plant □ 24 Hour: □ 24 Weak Plant □ 24 Hour: □ 24 Hour: □ 24 Weak Plant □ 24 Hour: □ 24 Hour: □ 24 Hour: □ 24 Weak Plant □ Weak Plant □ 24 Hour: □ 24 Hour: □ 24 Hour: □ 24 Weak *767 TEM #3 In through 5 hr please cal almeatic scheduk Thron is a permun charge for 3 Hour: TEM ANERA or PAN and the set of a service Analysis completed in acondrase with CASIS, Starms and Conditions iscated in the Analystep Proc Guide PM MS At Abr. TWA □ AltERA 40 CFR, Part 763 □ Microvare - ASTM D 5756 PLM EAR 000R-93/116 (<1%) □ ISO 10312 Sol/RockNermicallite □ PLM CARB 435 - 8 (0.1% sensitivit) PLM EPA ND8 (:1%) □ ISO 10312 Sol/RockNermicallite □ PLM CARB 435 - 8 (0.1% sensitivit) PLM EPA ND8 (:1%) □ TEM Dealk (inon-friable-NY) □ TEM CARB 435 - 8 (0.1% sensitivit) □ TEM CARB 435 - 8 (0.1% sensitivit) PLM EPA ND8 (:1%) □ NYS ND8 198.4 (non-friable-NY) □ TEM CARB 435 - 8 (0.1% sensitivit) □ TEM CARB 435 - 8 (0.1% sensitivit) PLM EPA ND8 (inon-friable-NY) □ TEM Mass Analysis-EPA 600 sec. 2.5 □ TEM CARB 435 - 8 (0.1% sensitivit) □ TE	Report To (Name): Chris Burns			Telephone #: 510-346-	8860	
Project Name/Number: FORA/161091001 Please Provide Results: CF Samples: Commercial/Taxable Residential/Tax Exem Us. State Samples Taken: CA Turnaround Time (TAT) Options" - Please Check Total Taxable Residential/Tax Exem 3 Hour B Hour 48 Hour 172 Hour 96 Hour 12 Week 12 Week 7 TEM Ar Shour Researds and and as completed in accordance with EVS is Terms and Conducts backed to a second to a number of the service. Analysis completed in accordance with EVS is Terms and Conducts backed to a service a stress of the Analysis Proce Guide CMM. All Check if Samples and Conducts backed to a conduct backed to	Email Address: chris	burns@vista-env.com; m	iolli@vista-env.co		Purchase Or	der:
U.S. State Samples Taken: CA [C1 Samples:] Commercial/TaxBole] Residential/Tax Exer Turnaround Time (TAT) Options - Please Check] 3 Hour] 6 Hour] 24 Hour] 48 Hour] 72 Hour] 95 Hour [X] 1 Week] 2 Week an aubration form brase and Analysis completed in according with EVE 1 Hours and Comfore Scatter in Nanybus Press on aubration form brase serve Analysis completed in according with EVE 1 Hours and Comfore Scatter in Nanybus Press PM - ZM / 3 hr through 5 hr, please call and a schedule with a schedule Analysis Press on aubration form brain serve. Analysis completed in according with EVE 1 Hours and Comfore Scatter in Nanybus Press PM - ZM / 3 hr through 5 hr, please call and a schedule with a schedule analysis completed in Analysis Press PM - 2M / 3 hr through 5 hr, please call and a schedule with a schedule analysis completed in Analysis Press PM - SM / 400 (Project Name/Numbe	r: FORA/161091001		Please Provide Results	: 🗋 Fax 🕅 Email	
Turnaround Time (TAT) Options" - Please Check 3 Hour 12 Hour 14 Hour 9 E Hour 18 Hour 12 Hour 19 E Hour 12 Hour 19 E Hour 12 Hour 19 E Hour 12 Hour 10 E Hour 12 Hour <td>U.S. State Samples T</td> <td>aken: CA</td> <td></td> <td>CT Samples: 🗌 Comm</td> <td>ercial/Taxable 🔲 Resid</td> <td>lential/Tax Exemp</td>	U.S. State Samples T	aken: CA		CT Samples: 🗌 Comm	ercial/Taxable 🔲 Resid	lential/Tax Exemp
13 Hour 124 Hour 124 Hour 124 Hour 124 Week 127 Week		Turn	around Time (TA1) Options* - Please Che	ck	
PCM - Air Check if samples are from NY TEM - Air I 44.5hr TAT (AHERA 40 CFR, Pati 763 Illicrovac - ASTM 06480 W/ OSHA 8hr. TWA NOSH 7402 Witce + ASTM 06480 Uitcrovac - ASTM 05755 Witce + ASTM 06480 PLM - Buik (reporting limit) EPA Level II Carpet Sonication (EPA 600/L-93/16 Carpet Sonication (EPA 600/L-93/16 QR PLM EPA 800/R-93/116 (<1%) ISO 10312 Soll/Rock/Verniculite Carpet Sonication (EPA 600/L-93/16 PLM EPA NOB (<1%) ISO 10312 PLM CARB 435 - 8 (0.1% sensitivi) PLM CARB 435 - 8 (0.1% sensitivi) Ptoint Count ETEM - Buik PLM CARB 435 - 8 (0.1% sensitivi) Etem CARB 435 - 8 (0.1% sensitivi) Point Count ETEM - Buik PLM CARB 435 - 8 (0.1% sensitivi) Etem CarB 435 - 8 (0.1% sensitivi) Point Count Etem Anos Chatfield SOP TEM CARB 435 - 8 (0.1% sensitivi) Etem CarB 435 - 8 (0.1% sensitivi) PLM CARB 435 - 1000 (<0.1%) ITEM - Water; EPA 100.2 TEM CARB 435 - 0 (0.1% sensitivi) Etem CarB 435 - 10 (0.2% sensitivi) INS 198.8 NOB (non-friable-NY) Fiber >100.2 TEM CARB 435 - 0 (0.1% sensitivi) Etem CarB 435 - 10 (0.2% sensitivi) INS 198.6 NOB (non-friable-NY) Fiber >100.2 TEM CARB 435 - 10 (0.2% sensitivi) Etem CarB 435 - 10 (0.2%	*For TEM Air 3 hr through an authorization fi	HOUR [] 24 HOUR 6 hr, please call ahead to sch form for this service Analysis	edule.*There is a pren completed in accordar	num charge for 3 Hour TEM Al	HERA or EPA Level II TAT. Yo nditions located in the Analytic	u will be asked to sign al Pnce Guide
□ NOSH 7400 □ AHERA 40 CFR, Part 763 □ Microvac - ASTM D 5755 □ w/ OSHA 8hr. TWA □ NOSH 7402 □ Wipe - ASTM D6480 □ WIPE Statistic (reporting limit) □ FPA Level II □ Carpet Sonication (FPA 600/L-93/16 ○ PLM EPA 600/R-93/118 (<1%)	PCM - Air 🔲 Check i	f samples are from NY	TEM - Air 4-	4.5hr TAT (AHERA only)	TEM-Dust	
W (SHA 8hr. TWA INICSH 7402 Wipe - ASTM D6480 LM - Bulk (reporting limit) EPA Level II Carpet Sonication (EPA 600/L-93/16 ZH ME PA NOB (<1%)	NIOSH 7400		📋 AHERA 40 C	FR, Part 763	Microvac - ASTM D	5755
PLM - Bulk (reporting limit) [PA Level II [Instruction [PA 600/R-93/116 (<1%) [Instruction [PA 600/R-93/116 (<1%) [Instruction [PA 600/R-93/116 (<1%) [Instruction [PA 800/R-93/116 (<1%) [Instruction [PA 80/R-93/116 (<1%) [Instruction	🗍 w/ OSHA 8hr. TW/	٩	□ NIOSH 7402		Wipe - ASTM D648	0
XI PLM EPA 600/R-93/116 (<1%)	PLM - Bulk (reporting	<u>a limít)</u>	EPA Level II		Carpet Sonication (EPA 600/J-93/167)
PLM EPA NOB (<1%)	X PLM EPA 600/R-9	3/116 (<1%)	□ ISO 10312		Soil/Rock/Vermiculite	2
Point Count IDEM EPA NOB IDEM CARB 435 - B (0.1% sensitivity Idex IDEM EPA NOB IDEM CARB 435 - B (0.1% sensitivity Idex IDEM EPA NOB IDEM CARB 435 - B (0.1% sensitivity Idex IDEM EPA NOB IDEM CARB 435 - B (0.1% sensitivity Idex IDEM CARB 435 - C (0.01% sensitivity Idex IDEM EPA NOB IDEM CARB 435 - C (0.01% sensitivity Idex IDEM EPA NOB IDEM CARB 435 - C (0.01% sensitivity Idex IDEM EPA NOB IDEM EPA NOB IDEM CARB 435 - C (0.01% sensitivity Idex IDEM EPA NOB IDEM EPA NOB IDEM EPA NOB IDEM EPA NOB Idex Idex IDEM EPA NOB IDEM EPA NOB IDEM EPA NOB IDEM EPA NOB Idex Idex IDEM EPA NOB IDEM EPA NOB <t< td=""><td>PLM EPA NOB (<1</td><td>%)</td><td>TEM - Bulk</td><td>_</td><td>PLM CARB 435 - A</td><td>(0 25% sensitivity)</td></t<>	PLM EPA NOB (<1	%)	TEM - Bulk	_	PLM CARB 435 - A	(0 25% sensitivity)
□ 400 (40.28%) □ 1000 (40.1%) □ MYS NOB 198.4 (non-friable-NY) □ IEM CARB 435 - B (0.1% sensitivit) □ Point Count w/Gravimetric □ Chatfield SOP □ TEM Qual. via Fiftration Technique □ MYS 198.1 (friable in NY) □ TEM Ass Analysis-EPA 600 sec. 2.5 □ TEM Qual. via Fiftration Technique □ NYS 198.6 NOB (non-friable-NY) □ TEM Qual. via Fiftration Technique □ TEM Qual. via Fiftration Technique □ NYS 198.6 NOB (non-friable-NY) □ TEM Qual. via Fiftration Technique □ TEM Qual. via Drop-Mount Technique □ NOSH 9002 (<1%)	Point Count				I LI PLM CARB 435 - B	(0.1% sensitivity)
Point Count W Gravimetric I Chanteld SOP I Count W Gravimetric I Count W Gravimetric I Count W Gravimetric I Count W Gravimetric I NYS 198.1 (friable in NY) I EM - Water: EPA 100.2 I TEM Qual. via Filtration Technique I TEM - Water: EPA 100.2 I TEM Qual. via Filtration Technique I TEM Qual. via Filtration Technique I NYS 198.6 NOB (non-friable-NY) Fibers >10µm I NIOSH 9002 (<1%)	L] 400 (<0.25%) [] 1	000 (<0.1%)		3.4 (non-friable-NY)	TEM CARB 435 - B (0.1% sensitivity)	
1 400 (<0.25%)	Point Count w/Gravim				LI IEM CARE 435 - C (UUT% sensitivity	
Image in NT Image in NT Image in NT Image in NT Image in NT Fibers >10µm Image in NT Image in NT Image in NT Fibers >10µm Image in NT Image in NT Image in NT Image in NT <td>ן 100 (<0.25%) ון 10 ער גער גער גער גער גער גער גער גער גער ג</td> <td>UUU (<0.1%)</td> <td>TEM Mass An</td> <td colspan="2">nalysis-EPA 600 sec. 2.5</td> <td>Mount Technique</td>	ן 100 (<0.25%) ון 10 ער גער גער גער גער גער גער גער גער גער ג	UUU (<0.1%)	TEM Mass An	nalysis-EPA 600 sec. 2.5		Mount Technique
Initiality Initiality <td></td> <td>(R NY)</td> <td>Fiboro >10um</td> <td colspan="2">PA 100.2</td> <td>-Mount rechnique</td>		(R NY)	Fiboro >10um	PA 100.2		-Mount rechnique
Image: Notice Stop - Clearly Identify Homogenous Group Filter Pore Size (Air Samples): 0.8µm 0.45µm Samplers Name: Chris Burns Samplers Signature: Volume/Area (Air) Date/Time Sample # Sample Description HA # (Bulk) Sampled HH4440-AS01 SOIL - 4 PT COMPOSITE, NORTH SIDE HA # (Bulk) Sampled HH4440-AS02 SOIL - 4 PT COMPOSITE, EAST SIDE HH4440-AS03 SOIL - 4 PT COMPOSITE, SOUTH SIDE HH4440-AS03 SOIL - 4 PT COMPOSITE, WEST SIDE HH4440-AS04 SOIL - 4 PT COMPOSITE, WEST SIDE Client Sample # (s): - Total # of Samples: 4 Relinquished (Client): - Date: 52/12/16 Time: 0730 Received (Lab): - MCM Date: 01/13 100 Time: 0740 4		Non-mable-NT)	All Exter Sizes			
Check For Positive Stop - Clearly Identify Homogenous Group Filter Pore Size (Air Samples): 0.8µm 0.45µm Samplers Name: Chris Burns Sample Description Volume/Area (Air) Date/Time Sample # Sample Description HA # (Buik) Sampled HH4440-AS01 SOIL - 4 PT COMPOSITE, NORTH SIDE HH4440-AS02 SOIL - 4 PT COMPOSITE, SOUTH SIDE HH4440-AS03 SOIL - 4 PT COMPOSITE, SOUTH SIDE HH4440-AS03 SOIL - 4 PT COMPOSITE, SOUTH SIDE HH4440-AS04 SOIL - 4 PT COMPOSITE, WEST SIDE HH4440-AS04 SOIL - 4 PT COMPOSITE, WEST SIDE Client Sample # (s): - Total # of Samples: 4 Relinquished (Client): - Time: 0730 Received (Lab): Date: 02/12/16 Time: 0740	U NIUSH 9002 (<1%))	AIT IDE GIZES			
Samplers Name: Chris Burns Sample Description Volume/Area (Air) Date/Time Sample # Sample Description HA # (Bulk) Date/Time HH4440-AS01 SOIL - 4 PT COMPOSITE, NORTH SIDE HA # (Bulk) Sampled HH4440-AS02 SOIL - 4 PT COMPOSITE, EAST SIDE HH4440-AS03 SOIL - 4 PT COMPOSITE, SOUTH SIDE HH4440-AS03 SOIL - 4 PT COMPOSITE, SOUTH SIDE HH4440-AS04 SOIL - 4 PT COMPOSITE, WEST SIDE HH4440-AS04 SOIL - 4 PT COMPOSITE, WEST SIDE Image: Composite of Samples HH4440-AS04 Client Sample # (s): Image: Composite of Samples Image: Composite of Samples Image: Composite of Samples Relinquished (Client): Image: Composite of Samples Image: Composite of Samples Image: Composite of Samples	Check For Positiv	e Stop - Clearly Identify	y Homogenou s Gr	oup Filter Pore Size (Air Samples): 🔲 0.8µn	n 🔲 0.45µm
Sample # Sample Description Volume/Area (Air) HA # (Bulk) Date/Time Sampled HH4440-AS01 SOIL - 4 PT COMPOSITE, NORTH SIDE Image: Composite in the second secon	Samplers Name: Cl	nris Burns		Samplers Signature:		
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 HH4440-AS04 SOIL - 4 PT COMPOSITE, WEST SIDE Inte: Date: 02/12/16e Time: 0730 Received (Lab): ACM	Sample #		Sample Description	on	Volume/Area (Air) HA # (Buik)	Date/Time Sampled
HH4440-AS02 SOIL - 4 PT COMPOSITE, EAST SIDE HH4440-AS03 SOIL - 4 PT COMPOSITE, SOUTH SIDE HH4440-AS04 SOIL - 4 PT COMPOSITE, WEST SIDE HH4440-AS04 SOIL - 4 PT COMPOSITE, WEST SIDE Client Sample # (s): - Relinquished (Client): - Time: 0730 Received (Lab): ACA	HH4440-AS01	SOIL - 4 PT CON	APOSITE, NO	RTH SIDE		
HH4440-AS03 SOIL - 4 PT COMPOSITE, SOUTH SIDE HH4440-AS04 SOIL - 4 PT COMPOSITE, WEST SIDE Client Sample # (s): Relinquished (Client): Relinquished (Client): Received (Lab): Composite and the set of samples: Composite a	HH4440-AS02	SOIL - 4 PT CON	APOSITE, EAS	ST SIDE		
HH4440-AS04 SOIL - 4 PT COMPOSITE, WEST SIDE Client Sample # (s): - Client Sample # (s): - Relinquished (Client): - Date: 02/12/16 Time: 0730 Received (Lab): -	HH4440-AS03	SOIL - 4 PT COM	POSITE, SOU	TH SIDE		
Client Sample # (s): Relinquished (Client): Received (Lab): Total # of Samples: 4 $Date: \frac{52}{12}/12eTime: 0730Date: 02-13$ 14 $Time: 0^{2}44$	HH4440-AS04	SOIL - 4 PT COI	MPOSITE, WE	ST SIDE		
Client Sample # (s): Relinquished (Client): Received (Lab): Client Sample # (s): Relinquished (Client): Total # of Samples: 4 Time: 0730 Time: 0730 Time: 0740 Time: 0740	<u></u>				<u> </u>	
Client Sample # (s): Relinquished (Client): Received (Lab): Client Samples: 4 Date: 02/12/16 Date: 02/13 16 Time: 0730 Time: 0740	· <u>_ ·</u> _ · <u>_ ·</u> _ <u>_</u> ·			<u> </u>	 	
Client Sample # (s): Relinquished (Client): Received (Lab): Client Samples: 4 Date: 02/12/16 Date: 02/13 16 Date: 02/13 16 Time: 0730 Time: 0740		<u> </u>		_,	++	
Relinquished (Client): h Date: $\frac{\partial 2}{\partial 2}$ Time: $\frac{\partial 730}{\partial 4}$ Received (Lab): h Cfr Date: $\frac{\partial 2}{\partial 2}$ 13 16 Time: $\frac{\partial^2 4}{\partial 4}$	Client Sample # (s):	11.7			Total # of Samples:	1
Received (Lab): ACA Data: 02/13/16 Time: 10:45 W	Relinquished (Cilent	the	A. Date:	02/12/14	Time:	0730
	Received (Lab):	/ Ac	Date:	02 13 14	Time:	10:45 WJ

Controlled Document - Asbestos COC - R6 - 4/11/2012

Page 1 of 1 pages



Attn:	CHRIS BURNS	Phone:	(925) 254-3196
	Vista Environmental Consulting, Inc.	Fax:	
	2984 Teagarden St	Received:	02/13/16 10:45 AM
	San Leandro, CA 94577	Collected:	

Project: FORA/161091001

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

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

Chin Dijlieller

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 reproduced 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):

09110026005

People Fee

Company : Vista Environme	ental C	onsulting		EMSL-BIII to: Different X Same If Bill to is Different note instructions in Comments**						
Street: 2984 Teagarden Street				Th	ird Party Billing requi	res written	authonz	ation from third p	arty	
City: San leandro	State/P	rovince:	CA	Zip/Posta	I Code: 94577		Co	ountry: USA		
Report To (Name): Chris Burns				Telephone #: 510-346-8860						
Email Address: chrisburns@vist	a-env.con	n, molli@vista-	env com	Fax #: Purchase Order:						
Project Name/Number: FORA/1610	91001			Please Pl	rovide Results:	FAX	X	E-mail	Mail	
U.S. State Samples Taken: CA				CT Samp	les: 🔲 Commerc	ial/Taxab	e 🗌 R	Residential/Tax	Exem	pt
	Tu	Irnaround T	ime (TA	T) Option	s* <u>- Please Che</u>	ck				
🗌 3 Hour 🔤 6 Hour	24	Hour	48 Hour	72	2 Hour 🛛 🗌 96	Hour	1	Week	2 Wee	k
*Anaiysis	complete	d in accordance	with EMS	L's Terms ai	nd Conditions located	d in the Pri	ce Guide			
Matrix		<u> </u>	lethod		Instrume	nt	Repo	orting Limit	Che	ck
Chips 🗌 % by wt. 🗌 mg/cm² 🏼] ppm	SW	/846-7000E	3	Flame Atomic Abs	sorption		0.01%		
Air	-	NI	OSH 7082		Flame Atomic Abs	sorption	4	µg/filter		
		Nł	OSH 7105	· · ·	Graphite Furnad	xe AA	0.0)3 µg/filter		
		NIOSH	l 7300 mod	lified	ICP-AES/ICP-	MS	0.9	5 µg/filter		
Wipe* ASTM		SW	/846-7000E	3	Flame Atomic Abs	sorption	10) µg/wipe		
non ASTM *if no box is checked, non-ASTM		SW84	6-6010B o	r C	ICP-AES		1.0) µg/wipe		
Wipe is assumed	!	SW84	6-7000B/7	010	Graphite Furnad	xe AA	0.07	75 µg/wipe		
TCLP		SW846-131	1/7000B/S	M 3111B	Flame Atomic Abs	sorption	0.4 n	ng/L (ppm)		
		SW846-1131	1/SW846-6	010B or C	ICP-AES		<u>0.1 n</u>	ng/L (ppm)		
Soil	ł	SW	/846-7000E	3	Flame Atomic Abs	sorption	40 m	ig/kg (ppm)		
X	1	SW/8/	16-6010R o	г.С.			2 m	ng/kg (ppm) a/ka (ppm)		
		SM3111	B/SW846-7	7000B	Flame Atomic Abs	noitana	04 n	na/l (nom)		}
Wastewater Unpreserved		E	PA 200 9		Graphite Furnad	xe AA	0.003	mg/L (ppm)		
Preserved with $HNO_3 pH < 2$		Ε	PA 200 7		ICP-AES		0.020	mg/L (ppm)		
Drinking Water Unpreserved		E	PA 200 9		Graphite Furnad	xe AA	0.003	s mg/L (ppm)		
Preserved with $HNO_3 pH < 2$	<u> </u>	Ε	PA 200.8		ICP-MS		0.001	mg/L (ppm)		
TSP/SPM Filter		40 (CFR Part 5	0	Cronhito Europ		12	2 µg/filter		
Other:		40 (0	Graphile Fulha	2.	5.0			-
Name of Sampler: ChrisBurns		<u>I</u>		Signa	ture of Sampler	I				
Samle #	Locati			Joigila	Volume/Area	a		Date/Time \$	Sample	ed
HH4440-LS01 SOIL - 4 PT CC	MPOSI	TE, NORTH	SIDE			-				
HH4440-LS02 SOIL - 4 PT CO	MPOSIT	E, EAST SI	DE							
HH4440-LS03 SOIL - 4 PT CC	D-LS03 SOIL - 4 PT COMPOSITE, SOUTH SIDE									
HH4440-LS04 SOIL - 4 PT CO	MPOSIT	re, west s	IDE							
	IT.	.7								
Client Sample #'s	<i>1:1</i> ti	/			Tota	I # of Sa	mples	: 4		
Relinquished (Client):	h	-	Date:	02/	12/10	Time		1730		
Realized (Lab)	$-\tau_{\overline{c}}$	20010	0400.) 13 10	-		In US	· ~ ~	
Comments:	K	200	Date:			l ime:		10.430		

Page 1 of ____ _ pages

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.

Vista Environmental Consulting, 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:

 Phone:
 (510) 346-8860

 Fax:

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

 Analysis Date:
 02/20/2016

 Collected Date:

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

			Non-Asbe	stos	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре
HH4442-AS01	Soil - 4 pt composite,	Brown	4% Cellulose	25% Quartz	None Detected
	N side	Fibrous		10% Gypsum	
091602747-0001		Homogeneous		61% Non-fibrous (Other)	
Soil is a problem matrix. Oth	her analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
HH4442-AS02	Soil - 4 pt composite,	Brown	2% Cellulose	40% Quartz	None Detected
	E side	Fibrous		58% Non-fibrous (Other)	
091602747-0002		Homogeneous			
Soil is a problem matrix. Oth	her analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
HH4442-AS03	Soil - 4 pt composite,	Brown	7% Cellulose	25% Quartz	None Detected
	S side	Fibrous		68% Non-fibrous (Other)	
091602747-0003		Homogeneous			
Soil is a problem matrix. Oth	her analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
HH4442-AS04	Soil - 4 pt composite,	Brown		30% Quartz	None Detected
	W side	Non-Fibrous		5% Gypsum	
091602747-0004		Homogeneous		65% Non-fibrous (Other)	
Soil is a problem matrix. Oth	her analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		

Analyst(s)

Jared Martin (4)

Aciplicher

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 09:38:57

EMSI EMSL ANALYTICAL, INC. ATORY -

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

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

091602747

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

Company : Vista Environmental Consulting, Inc.				EMSL-Bill to: X Same D Different If Bill to is Different note instructions in Comments**					
Street: 2984 Teaga	2984 Teagarden Street			Third Party Billing requires written authorization from third party					
City: San Leandro		State/Province: CA			Zip/Postal Code: 94577 Country: US			US	
Report To (Name): (Chris Burns			Telepho	ne #: 51	.0-346-	8860		
Email Address: christ	burns@vista-en	v.com; m	nolli@vista-env.co	mFax #:				Purchase C)rder:
Project Name/Numbe	or: FORA/161	.091001		Please P	rovide F	Results	s: 🗌 Fax	🔀 Email	
U.S. State Samples T	aken: CA	<u></u>		CT Sam	ples: 🔲 (Comm	ercial/Tax	able 🗌 Res	idential/Tax Exempt
		Turn	around Time (TA)	C) Options	s* – Pleas	se Che			
*For TEM Air 3 hr through	6 hr. please call al	head to sch	edule *There is a prer	nium charge	for 3 Hour	TEM A	HERA or EPA	A Level II TAT.	You will be asked to sign
an authorization fo	orm for this service.	Analysis	completed in accordar	ice with EM	SL's Terms	s and Co	nditions loca	ted in the Analy	tical Price Guide
PCM - Air Check if	f samples are fro	om NY	<u>TEM – Air</u> 4-	4.5hr TAT	(AHERA o	only)	TEM-D	<u>ust</u>	
				FR, Part 7	63			ovac - ASIM	D 5755
W/ OSHA 8hr. TW/	4							- ASTM D64	80
PLM - Bulk (reporting	<u>i limit)</u>							et Sonication	(EPA 600/J-93/167)
1 (X PLM EPA 600/R-93	8/116 (<1%)						Soll/Rod	ck/Vermiculi	te
	%)		IEM - BUIK	-				CARB 435	A (0.25% sensitivity)
	000 (=0.49()			8 3 4 /man fr				CARB 435 - I	B (U.1% sensitivity)
□ 400 (<0.25%) □ 10 Point Count w/Gravim	000 (<0 1%) etric			5.4 (non-ir)	able-in r))		CARD 430 -	B (U. 1% Sensitivity) C (0.01% sensitivity)
				alveie ED	A 600 sev	c 25		Oual via Eilt	c (0.01% sensitivity)
	in NV)		TEM - Water: El	DA 100 2	4 000 50	ι. Ζ.Ü		Qual, via Phe Qual, via Dra	
	nn friable NVV		Ebers >10um	Maste Drinking Other:			p-would recrimique		
	() () () () () () () () () () () () () (ving			
Chock For Poolitik)) o Ston - Clearly		Hemogramous C			Sing (Ais Commi		
L Check For Positiv	e Stop – Clean	y identity	V Homogenous G			SIZE [All Sampi	es)0.0	
Samplers Name: Cr	nris Burns			Samp	lers Sign	nature:	1		
Sample #			Sample Description	on			Volume HA #	#/Area (Air) # (Buik)	Date/Time Sampled
HH4442-AS01	SOIL - 4 P	T CON	/POSITE, NO	RTH SI	DE				
HH4442-AS02	SOIL - 4 P	T CON	IPOSITE, EAS	ST SIDE					
HH4442-AS03	SOIL - 4 PT	СОМІ	POSITE, SOU	TH SID	E				
HH4442-AS04	SOIL - 4 F	PT CO	MPOSITE, WE	ST SID	E				
			· · · · · · · · · · · · · · ·						
	······································					<u> </u>	1		
	P	$\overline{\mathcal{D}}$					1		
Client Sample # (s):		/			<u> </u>		Total # of	Samples:	
Relinguished (Cilent)	:LA		Date:	02/	12/1	4		Time	0731
Received (Lab):		R	Ac Date:	OSI	13/11	P		Time	DEYE WI
Comments/Special In	structions:		U		r I				

Controlled Document - Asbestos COC - R6 - 4/11/2012

Page 1 of 1 pages



ProjectID:

Attn: **CHRIS BURNS** Phone: (925) 254-3196 Fax: Vista Environmental Consulting, Inc. Received: 02/13/16 10:45 AM 2984 Teagarden St Collected: San Leandro, CA 94577

Project: FORA/161091001

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

Client Sample Descr	iption Lab ID Collec	ted Analyzed	Lead Concentration
HH4442-LS01	091602654-0001	2/18/2016	<42 mg/Kg
	Site: SOIL - 4 PT COM	POSITE, NORTH SIDE	
HH4442-LS02	091602654-0002	2/18/2016	<44 mg/Kg
	Site: SOIL - 4 PT COM	POSITE, EAST SIDE	
HH4442-LS03	091602654-0003	2/18/2016	<40 mg/Kg
	Site: SOIL - 4 PT COM	POSITE, SOUTH SIDE	
HH4442-LS04	091602654-0004	2/18/2016	<41 mg/Kg
	Site: SOIL - 4 PT COM	POSITE, WEST SIDE	

Inin Daylicher

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-BIII to: Different X Same If Bill to is Different note instructions in Comments**						
Street: 2984 Teagarden Street	2984 Teagarden Street			Third Party Billing requires written authorization from third party						
City: San leandro	State/P	rovince:	CA	Zip/Posta	Postal Code: 94577 Country: USA					
Report To (Name): Chris Burns				Telephon	e #: 510-3	46-886	50			
Email Address: chrisburns@vist	a-env.con	n, molli@vista	-env.com	Fax #:				P	urchase Orde	r:
Project Name/Number: FORA/1610	091001			Please Pr	rovide Resi	ults:	FAX	x x	E-mail	Mail
U.S. State Samples Taken: CA				CT Samp	les: 🗖 Cor	nmerc	ial/Taxat	ole 🗂 i	Residential/Ta	x Exempt
· · · · · · · · · · · · · · · · · · ·	Tu	rnaround T	Time (TA	T) Option	s* - Pleas	e Che	ck			
3 Hour 6 Hour		Hour [] 48 Hour		2 Hour	96 🗆	Hour	I 1	Week [2 Week
*Analysis	complete	d in accordanc	e with EMS	L's Terms al	nd Conditions	s locate	d in the Pri	ice Guide	e – –	
Matrix		l	Viethod		Inst	rume	nt	Rep	orting Limit	Check
Chips 🗋 % by wt. 🗌 mg/cm²	🗆 ppm	SM	/846-7000 E	3	Flame Ato	mic Ab	sorption		0.01%	
Air		N	IOSH 7082		Flame Ato	mic Ab	sorption	4	µg/filter	
		N	OSH 7105		Graphite	e Fuma	ce AA	0.0)3 µg/filter	
		NIOSH	1 7300 mod	lified	ICP-A	ES/ICP	-MS	0.	5 µg/filter	
Wipe* ASTM		SM	/846-7000E	3	Flame Ato	mic Ab	sorption	10) µg/wipe	
non ASTM *if no box is checked, non-ASTM		SW84	46-6010B o	rC	IC	P-AES		1.0	0 µg/wipe	
Wipe is assumed		SW84	6-7000B/7	010	Graphite	Fuma	ce AA	0.0	75 µg/wipe	
TCLP		SW846-131	1/7000B/S	M 3111B	Flame Ato	mic Ab	sorption	0.4	mg/L (ppm)	╞╴ <u>╞</u> ╴┤
		SW846-113	1/SW846-6	010B or C	IC	P-AES		0.1 (mg/L (ppm)	
Soil		SV	/846-7000E	3	Flame Atomic Absorption		- 40 mg/kg (ppm)		<u>·⊠·-</u>	
X		SV CIAIO	V845-7010	- 0				0.3 n	ng/kg (ppm)	┨╌╞╡╌┨
		SM3111	+0-0010B 0	70008	Flame Atomic Absorption			2 mg/kg (ppm)		┝─╞╡──┤
Wastewater Unpreserved		E	EPA 200.9	0000	Graphite Furnace AA		0.003 mg/L (ppm)		┟──╞╡──╽	
Preserved with $HNO_3 pH < 2$		8	PA 200.7	,	ICP-AES		0.020 mg/L (ppm)			
Drinking Water Unpreserved		Ē	PA 200.9		Graphite Furnace AA		0.003 mg/L (ppm)			
Preserved with HNO ₃ pH < 2		E	PA 200.8		ICP-MS			0.001	1 mg/L (ppm)	
TSP/SPM Filter		40	CFR Part 5	0	10	P-AES		12	2 µg/filter	
<u></u>		40 (CFR Part 5	0	Graphite	Fuma	ce AA	3.	6 µg/filter	
Other:										
Name of Sampler: ChrisBurns				Signa	ture of Sa	mple	r:			
Sample #	Locatio	on			Volum	e/Are	a		Date/Time	Sampled
HH4442-LS01 SOIL - 4 PT CC	MPOSI	TE, NORTH	SIDE							
HH4442-LS02 SOIL - 4 PT CO	MPOSIT	E, EAST SI	DE							
HH4442-LS03 SOIL - 4 PT CC	H4442-LS03 SOIL - 4 PT COMPOSITE, SOUTH SIDE									
HH4442-LS04 SOIL - 4 PT CO	42-LS04 SOIL - 4 PT COMPOSITE, WEST SIDE									
	-h									
Client Sample #'e	<u>-</u> [-]-]	/				Tota	1 # of Qo	males	2.	
	/ f-		Deter	12/	12/110	10(a		impies	7720	
reinquisnea (Chent):			Date:	04			I IITTE:			·
Received (Lab):			Date:		13/16		Time:		[[U:4]am	
									[4]J	
	-									

Page 1 of ____ pages

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.

Vista Environmental Consulting, Inc.

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

Project ID:

 Phone:
 (510) 346-8860

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

 Analysis Date:
 02/19/2016

 Collected Date:

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

			Non-Ast	<u>estos</u>	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре
HH4444-AS01	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	N side	Non-Fibrous			
091602678-0001		Homogeneous			
Soil is a problem matrix. Oth	her analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
HH4444-AS02	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	E side	Non-Fibrous			
091602678-0002		Homogeneous			
Soil is a problem matrix. Oth	her analytical options are recomi	mended such as EPA 60	0 PLM/TEM with milling prep		
HH4444-AS03	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	S side	Non-Fibrous			
091602678-0003		Homogeneous			
Soil is a problem matrix. Oth	her analytical options are recomi	mended such as EPA 60	0 PLM/TEM with milling prep		
HH4444-AS04	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	W side	Non-Fibrous			
091602678-0004		Homogeneous			
Soil is a problem matrix. Oth	her analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		

Analyst(s)

Adam C. Fink (4)

Aciplicher

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

LABORATORY . PI

EMS

EMSL ANALYTICAL, INC.

OOUCTS . TRA

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

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

091602678

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

tradition of the second

Company : Vista Environmental Consulting, Inc.			EMSL-Bill to: X Same Different If Bill to is Different note instructions in Comments**						
Street: 2984 Teaga	rden Street			Third Party Billing requires written authorization from third party					
City: San Leandro		State/Province: CA			Zip/Postal Code: 94577 Country: US				US
Report To (Name): (hris Burns			Telenhone #: 510-346-8860					
Email Address: Christ	ourns@vista-env		olli@vista-env.cor	nFay #	10 #.			Purchase ()	rder:
Project Name/Numbe	r: FORA/161	091001	ene ene	Please F	Provide F	Results:		K Email	
U.S. State Samples T	aken: CA			CT Sam	ples: 🔲	Comme	ercial/Tax	able 🛄 Res	dential/Tax Exempt
		Turna	around Time (TA1	F) Option	s* – Plea	se Che	ck		
3 Hour 6	Hour 2	24 Hour	48 Hour	72	Hour		Hour	X 1 Week	2 Week
*For TEM Air 3 hr through an authorization fo	6 nr, please call an irm for this service	ead to sch Analysis (edule." I here is a pren completed in accordar	nium charge <u>nce with EM</u>	SL's Terms	s and Con	ERA or EPA Iditions loca	ted in the Analyl	rou will be asked to sign fical Price Guide.
PCM - Air Check if	samples are fro	m NY	TEM - Air 4-	4.5hr TA1	(AHERA d	only)	TEM-D	ust	
NIOSH 7400			AHERA 40 C	FR, Part 7	63		Micro	vac - ASTM I	D 5755
🗋 w/ OSHA 8hr. TWA	λ		NIOSH 7402				🛛 Wipe	- ASTM D64	80
PLM - Bulk (reporting	limit)		EPA Level II				🔲 Carp	et Sonication	(EPA 600/J-93/167)
🚺 PLM EPA 600/R-93	/116 (<1%)		🗍 ISO 10312				Soil/Ro	ck/Vermiculi	
PLM EPA NOB (<1	%)		TEM - Bulk					CARB 435 - /	A (0.25% sensitivity)
Point Count			🔲 TEM EPA NO	В			🗋 PLM	CARB 435 - I	3 (0.1% sensitivity)
🔲 400 (<0.25%) 🔲 10	000 (<0.1%)		NYS NOB 198	3.4 (non-fr	iable-NY))	TEM	CARB 435 - I	B (0.1% sensitivity)
Point Count w/Gravime	etric		Chatfield SOF			I		CARB 435 - (C (0.01% sensitivity)
🗋 400 (<0 25%) 🔲 10	000 (<0.1%)		TEM Mass Ar	alysis-EP	A 600 se	c 2.5	🗌 ТЕМ	Qual. via Filti	ration Technique
NYS 198.1 (fnable	in NY)		<u>TEM – Water: El</u>	A 100.2			Qual. via Dro	p-Mount Technique	
NYS 198.6 NOB (n	ion-friable-NY)		Fibers >10µm [Waste	Drink	king	<u>Other:</u>		
D NIOSH 9002 (<1%)		All Fiber Sizes	Waste		ling			
Check For Positive	e Stop – Clearly	/ Identify	Homogenous G	roup Fi	lter Pore	Size (A	Vir Sample	es): 🔲 0.8µ	ım 🔲 0.45µm
Samplers Name: Ch	ris Burns			Samp	iers Sigr	nature:			
Sample #		5	Sample Description	on			Volume HA #	/Area (Air) # (Bulk)	Date/Time Sampled
HH4444-AS01	SOIL - 4 P	T CON	IPOSITE, NO	RTH SI	DE				
HH4444-AS02	SOIL - 4 P	T CON	IPOSITE, EAS	ST SIDE	-				
HH4444-AS03	SOIL - 4 PT	COMF	POSITE, SOU	TH SID	E				
HH4444-AS04	SOIL - 4 F	T CON	APOSITE, WE	ST SI	DE				··· <u>··································</u>
					,		[······································
		· ·							
						<u> </u>			
	6)							
Client Sample # (s):	<u></u>	/					Total # of	Samples:	······································
Bolinguished (Client)	14			ml	17/	16			A-791
	p-1-	XIA	Date:	04/				Time	OF31
Received (Lab):	/	টন	Date:	_ਮ∦	5116		,	Time	10:45 W)
Comments/opecial In	au ucuons;		U	,					-

Controlled Document - Asbestos COC - R6 - 4/11/2012

Page 1 of 1 pages



Attn:CHRIS BURNSPhone:(925) 254-3196Vista Environmental Consulting, Inc.Fax:02/13/16 10:45 AM2984 Teagarden StReceived:02/13/16 10:45 AMSan Leandro, CA 94577Collected:

Project: FORA/161091001

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

Client Sample Description	Lab ID	Collected	Analyzed	Lead Concentration
HH4444-LS01	091602647-0001	1	2/17/2016	<42 mg/Kg
	Site: SOIL - 4 PT	COMPOSI	FE, NORTH SIDE	
HH4444-LS02	091602647-0002	2	2/17/2016	<40 mg/Kg
	Site: SOIL - 4 PT	COMPOSI	FE, EAST SIDE	
HH4444-LS03	091602647-0003	}	2/17/2016	<40 mg/Kg
	Site: SOIL - 4 PT	COMPOSI	FE, SOUTH SIDE	
HH4444-LS04	091602647-0004	1	2/17/2016	<41 mg/Kg
	Site: SOIL - 4 PT	COMPOSI	FE, WEST SIDE	

Chin Dijlieller

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 reproduced 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 Environ	mental C	onsulting		EMSL-Bill to: Different X Same					
Street: 2984 Teagarden Stree	t			Third Party Billing requires written authorization from third party					arty
City: San leandro	State/P	rovince:	CA	Zip/Posta	Zip/Postal Code: 94577 Country: USA				
Report To (Name): Chris Burr	is			Telephon	e #: 510-34	6-8860	r		
Email Address: chrisburns@	vista-env.con	n, molli@vista-	env.com	Fax #:			Pur	chase Order	
Project Name/Number: FORA/	161091001			Please Pl	ovide Resu	its: FAX		E-mail	Mail
U.S. State Samples Taken: C	A			CT Samp	les: 🗌 Com	mercial/Taxab	ole 🗌 Re	sidential/Tax	Exempt
	Tu	rnaround T	'ime (TA	T) Option	s* - Please	Check			
🗌 3 Hour 🛛 🗍 6 Hour	24	Hour 🗌	48 Hour	72	2 Hour	🗋 96 Hour	🔳 1 V	Veek 🗌	2 Week
*Anai	ysis complete	d in accordance	e with EMS	L's Terms a	nd Conditions	located in the Pri	ice Guide		
Matrix		R	lethod		Instr	ument	Repor	ting Limit	Check
Chips 🗌 % by wt. 🗌 mg/cm	² 🗌 ppm	SW	/846-7000 E	3	Flame Aton	nic Absorption	0	.01%	
Air		N	OSH 7082		Flame Aton	nic Absorption	4 µ	ıg/filter	
		N	OSH 7105	_	Graphite	Furnace AA	0.03	µg/filter	
		NIOSH	17300 mod	ified	ICP-AE	S/ICP-MS	0.5	µg/filter	
Wipe* AST	M 🗌	SW	/846-7000E	3	Flame Aton	nic Absorption	10	ug/wipe	
лоп AST *if no box is checked, non-AS		SW84	6-6010B o	rC	ICF	P-AES	ر 1.0	µg/wipe	
Wipe is assum	ied	SW84	6-7000B/7	010	Graphite	Furnace AA	0.075	µg/wipe	
TCLP		SW846-131	1/7000B/S	M 3111B	Flame Aton	nic Absorption	<u>0.4 m</u>	g/L (ppm)	
		SW846-1131	1/SW846-6	010B or C	ICP-AES		<u>0.1 m</u>	g/L (ppm)	
Soil		SW	/846-7000E	3	Flame Atomic Absorption		40 mg/kg (ppm)		<u> </u>
· X -	~~ ·	-50	16-6010B o	<u> </u>			<u>0.3 mg/kg (ppm)</u>		
		SM3111	B/SW846-7	7000B	Flame Atomic Absorption				┍━╞╡╾┥
Wastewater Unpreserve		E	PA 200.9		Graphite Furnace AA		0.003 mg/L (ppm)		
Preserved with HNO ₃ pH <	2 🗆	E	PA 200.7		ICP-AES		0.020 mg/L (ppm)		
Drinking Water Unpreserve	ed 🔲	E	PA 200.9		Graphite Furnace AA		0.003 mg/L (ppm)		
Preserved with HNO ₃ pH <	2	E	PA 200.8		IC	P-MS	0.001 mg/L (ppm)		
TSP/SPM Filter		40 (CFR Part 5	0	ICF	P-AES	12	ug/filter	
Oth		40 (CFR Part 5	0	Graphite	Furnace AA	3.6	µg/filter	
Other:				··	-			<u> </u>	
Name of Sampler: ChrisBu	'ns			Signa	ture of Sar	npler:			
Sample #			0105		Volume	e/Area		Date/Time S	ampled
HH4444-LS01 SOIL - 4 PT	COMPOSI	E, NORTH	SIDE						
HH4444-LS02 SOIL - 4 PT	COMPOSIT	E, EAST SI	DE						
HH4444-LS03 SOIL - 4 PT	-LS03 SOIL - 4 PT COMPOSITE, SOUTH SIDE								
HH4444-LS04 SOIL - 4 PT	DIL - 4 PT COMPOSITE, WEST SIDE								
		$\overline{)}$			-				
Client Sample #'s	7./1	/				Total # of Sa	mples:	И	
Relinguished (Client):	<u> </u> _ 		Date:	02/	12/16	Time:		0731	
Received (Lab):	/		Date:			Time:			
Comments:				t			·······		

Page 1 of ____ pages

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.

Vista Environmental Consulting, Inc.

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

Project ID:

 Phone:
 (510) 346-8860

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

 Analysis Date:
 02/19/2016

 Collected Date:

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

			Asbestos					
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type			
HH4446-AS01	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected			
	N side	Non-Fibrous						
091602683-0001		Homogeneous						
Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep								
HH4446-AS02	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected			
	E side	Non-Fibrous						
091602683-0002		Homogeneous						
Soil is a problem matrix. Or	ther analytical options are recom	mended such as EPA 60	00 PLM/TEM with milling prep					
HH4446-AS03	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected			
	S side	Non-Fibrous						
091602683-0003		Homogeneous						
Soil is a problem matrix. Or	ther analytical options are recom	mended such as EPA 60	00 PLM/TEM with milling prep					
HH4446-AS04	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected			
	W side	Non-Fibrous						
091602683-0004		Homogeneous						
Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep								

Analyst(s)

Adam C. Fink (4)

Aciplicher

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 23:01:56



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

691602683

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: X Same Different						
Street: 2984 Teagarden Street			Third Party Rilling requires written authorization from third party						
City: San Leandro		rovince: CA	Zip/Postal Code: 94577			7	Country US		
Ponort To (Name); Chris Burns				Telephone #: 510-346-8860					
Emell Address christ	hurns@vista.env	com: m	olli@vista.env.co						
Project Name/Numbe	$\frac{1}{10000000000000000000000000000000000$	91001		Plaze Provide Results: Eav M Email					
U.S. State Samples T	aken: CA	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>		CT Sam	oles:	Comm	ercial/Tax	able 🗌 Resi	idential/Tax Exempt
	Turnaround Time (TAT) Options* – Please Check								
☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☑ 1 Week ☐ 2 Week						2 Week			
an authorization fo	orm for this service	au to sch Analysis	comp <u>leted in accorda</u>	nce with EM	SL's Terms	s and Cor	nditions loca	ted in the Analyl	ical Price Guide
PCM - Air Check i	f samples are from	n NY	<u>TEM – Air</u> 🗌 4-	4.5hr TAT (AHERA only) <u>TEM- Dust</u>					
NIOSH 7400			AHERA 40 C	AHERA 40 CFR, Part 763			Microvac - ASTM D 5755		
🔲 w/ OSHA 8hr. TW/	۹		NIOSH 7402				Wipe - ASTM D6480		
PLM - Bulk (reporting	<u>a limit)</u>		EPA Level II				Carpet Sonication (EPA 600/J-93/167)		
X PLM EPA 600/R-93	8/116 (<1%)		□ ISO 10312				Soll/Roc	k/Vermiculit	<u>e</u>
PLM EPA NOB (<1	%)		TEM - Bulk	-			PLM CARB 435 - A (0.25% sensitivity)		
	200 (-0.49/)			1B 9. 4. (m.s.m. fm		、 、		CARB 435 - 1	3 (0.1% sensitivity)
□ 400 (<0.25%) □ 10	000 (<0, 1%) etric			5.4 (NON-III >	adie-in Y)		CARB 433 - 1	c (0.1% sensitivity)
	000 (<0.1%)		TFM Mass Ar	nalveis-FP	4 600 se	c 25	TEM CARB 435 - C (0.01% sensitivity)		
NYS 198 1 (friable	in NY)		TEM - Water: E	PA 100.2	1000 30	0. 2.0			
□ NYS 198.6 NOB (r	on-friable-NY)		Fibers >10um Waste Drinking		Other:				
□ NIOSH 9002 (<1%)		All Fiber Sizes						
Check For Desitin	o Ptom Closedu	leio stife	Llemenane C	EI	ter Dere	Size //	Ain Comml		
Check For Positiv	e Stop - Cleany	loenury	nomogenous G		liter Pore	Size (/	Air Sampi	es): ∐ 0.oj	IIII <u> 0.45</u> µm
Samplers Name: Cl	n ris Burn s			Samp	lers Sigr	nature:			
Sample #			Sample Descripti	on			Volume HA #	e/Area (Air) # (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	COM	POSITE, SOU	TH SID	E				
HH4446-AS04	HH4446-AS04 SOIL - 4 PT COMPOSITE, WEST SIDE								
									· · · · · · · · · · · · · · · · · · ·
	611	7						· · · · · ·	
Client Sample # (s): //// - Total # of Samples: 4									
Relinquished (Client): Date: 02/12/14 Time: 0752									
Received (Lab): Time: 10:45 Date: 213									
	ivii uvlivi iq.		U		,	•			

Controlled Document - Asbestos COC - R6 - 4/11/2012

Page 1 of _1__ pages

Page 1 Of 1



Attn:	CHRIS BURNS	Phone:	(925) 254-3196
	Vista Environmental Consulting, Inc.	Fax:	
	2984 Teagarden St	Received:	02/13/16 10:45 AM
	San Leandro, CA 94577	Collected:	

Project: FORA/161091001

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

Client Sample Description	Lab ID Collected	Analyzed	Lead Concentration
HH4446-LS01	091602604-0001	2/17/2016	<40 mg/Kg
	Site: SOIL -4PT COMPOS	ITE NORTH SIDE	
HH4446-LS02	091602604-0002	2/17/2016	<40 mg/Kg
	Site: SOIL -4PT COMPOS		
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 COMPOS	ITE, WEST SIDE	

Chin Dijlieller

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 reproduced 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)

09140260-1

 $\mathsf{P}_{\mathsf{F}} < \iota_{\mathsf{C}}$ FAX.

and the second second

Company : Vi	sta Environme	EMSL-Bill to: Different X Same									
Street: 2984	eagarden Street		<u> </u>		Third Party Billing requires written authorization from third party						
City: San leand	ro State/Province: CA				Zip/Postal Code: 94577 Country: USA						
Report To (Na	me): Chris Burns		<u> </u>		Telephor	ne #: 510-	346-88	60	··		
Email Addres	s: chrisburns@vista	-env.con	n, molli@vista	-env.com	Fax #:				<u> </u>	urchase Orde	er:
Project Name	Number: FORA/1610	91001		ĺ	Please P	rovide Re	sults:	FAX	 X]E-mail 🗌	Mail
U.S. State San	nples Taken: CA				CT Samp	les: 🗍 C	ommerc	ial/Taxat	ole 🗌 f	Residential/T	ax Exempt
		Tu	rnaround 1	lime (TA	T) Option	is* - Plea	se Che	ck			
3 Hour	6 Hour	24	Hour	48 Hour	·	2 Hour	90	6 Hour	1	Week [] 2 Week
	*Analysis	complete	d in accordanc	e with EMS	L's Terms a	nd Conditio	ns locate	d in the Pr	ice Guide	·	
	Matrix			Method		in in	strume	nt	Rep	orting Limit	Check
Chips 🗌 % b	iy wt. 🗌 mg/cm² 🛛] ppm	SV	v846-7000E	3	Flame A	tomic Ab	sorption		0.01%	
Air			N	IOSH 7082		Flame A	tomic Ab	sorption	4	µg/filter	
			N	IOSH 7105		Graph	te Fuma	ce AA	0.0)3 µg/filter	
			NIOSH	1 7300 mod	lified	ICP-	AES/ICP	-MS	0.	5 µg/filter	╉┯╧╧┯┙
Wipe*	ASTM		SM	V846-7000E	3	Flame A	tomic Ab	sorption	10) µg/wipe	
*if no box is	non ASIM checked, non-ASTM	Ц	SW8-	46-6010B o	or C		CP-AES		1.() µg/wipe	
	Wipe is assumed		SW84	6-7000B/7	010	Graph	te Furna	ce AA	0.07	75 µg/wipe	
TCLP			SW846-131	11/7000B/S	M 3111B	111B Flame Atomic Absorption			0.4 mg/L (ppm)		
			SW846-113	1/SW846-6	010B or C	or C ICP-AES			0.1 mg/L (ppm)		╺╋╼╼╘╧╦╼╼┥
Soil			SV	V846-7000E	3	Flame Atomic Absorption		40 mg/kg (ppm)			
			SI	N846-7010		Graphite Furnace AA			0.3 r	ng/kg (ppm)	╶╂╴╞╡╴┤
			OVVO ONADATA	40-00 IUB 0	70008	Elame Atomic Absorption				╺╂╼┶╪╡╼┥	
Wastewater	Unpreserved			PA 200 9		Graphite Furnace AA			0.41	mg/L (ppm)	╶╂╌╞╉╌┦
Preserved w	ith HNO ₃ pH < 2		E	EPA 200.7		ICP-AES		0.020 mg/L (ppm)		┟╴╞╡╶┥	
Drinking Wa	ter Unpreserved		E	PA 200.9		Graphite Furnace AA		0.003 mg/L (ppm)			
Preserved w	ith $HNO_3 pH < 2$	Ō	E	PA 200.8		ICP-MS		0 001 mg/L (ppm)			
TSP/SPM Fil	ter		40	CFR Part 5	i0	ICP-AES			12 µg/filter		
	·····		40	CFR Part 5	0	Graphite Furnace AA			3.6 µg/filter		
Other:	<u></u>					L					
Name of San	npler: ChrisBurns				Signa	ture of S	ample	r:			
Sample #		Locatio	n			Volu	ne/Are	a		Date/Time	Sampled
HH4446-LS01	SOIL - 4 PT CO	MPOSI	TE, NORTH	SIDE							
HH4446-LS02	46-LS02 SOIL - 4 PT COMPOSITE, EAST SIDE										
HH4446-LS03	H4446-LS03 SOIL - 4 PT COMPOSITE, SOUTH SIDE										
HH4446-LS04	H4446-LS04 SOIL - 4 PT COMPOSITE, WEST SIDE										
		Tí.	1			·					
Client Samp	le #'s	-/-/	/				Tota	ll # of Sa	imples	: 4	
Relinquished	l (Client):	. /		Date:	02/	12/1	4	Time:		0732	2
Received (Lat):	Rec	2	Date:	-	<u>441</u> 0		Time:		10:4	3cm
Comments:	$\mathcal{O}^{}$				a	1310	2				÷

Page 1 of ____ pages

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.

Vista Environmental Consulting, Inc.

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

Project ID:

 Phone:
 (510) 346-8860

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

 Analysis Date:
 02/19/2016

 Collected Date:

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

			Non-Asb	<u>estos</u>	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
RP4451-AS01	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	N side	Non-Fibrous			
091602738-0001		Homogeneous			
Soil is a problem matrix. Ot	her analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
RP4451-AS02	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	E side	Non-Fibrous			
091602738-0002		Homogeneous			
Soil is a problem matrix. Ot	her analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
RP4451-AS03	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	S side	Non-Fibrous			
091602738-0003		Homogeneous			
Soil is a problem matrix. Ot	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
RP4451-AS04	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	W side	Non-Fibrous			
091602738-0004		Homogeneous			
Soil is a problem matrix. Ot	her analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		

Analyst(s)

Adam C. Fink (4)

Aciplicher

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

EMSL ANALYTICAL, INC

LABORATORY . PRODUCTS . TRAN

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

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

FAX: (510) 895-3680

091602738

·····								—			
Company : Vista En	vironmental	Consult	ing, Inc.		EMSL-Bill to: [X] Same [_] Different If Bill to is Different note instructions in Comments**						
Street: 2984 Teaga	arden Street				Th	ird Party Billing re	quires written a	authorizatio	n from third party		
City: San Leandro		State/P	Province: C	CA	Zip/Postal Code: 94577 Country: US						
Report To (Name):	Chris Burns				Telephone #: 510-346-8860						
Email Address: chris	burns@vista-en	v.com; m	nolli@vista-e	env.com	Fax #:		P	urchase C)rder:		
Project Name/Numbe	er: FORA/161	091001	L		Please P	rovide Results	: 🗌 Fax	X Email			
U.S. State Samples T	aken: CA				CT Sam	oles: 🔲 Comme	ercial/Taxab	le 🗌 Res	idential/Tax Exempt		
		Turn	around Tim	e (TAT)) Options	* – Please Che	ck				
3 Hour 6	Hour 📋	24 Hour	48	lour	72	Hour [🤤	Hour	🔀 1 Week	🗌 2 Week		
*For TEM Air 3 hr through an authorization fr	6 hr, please call al	head to sch	edule.*There is completed in a	s a premi	ium charge	for 3 Hour TEM AH	IERA or EPA Lo aditions located	evel II TAT. Lin the Anely	You will be asked to sign fical Price Guide		
PCM - Air Check if samples are from NY TFM - Air 4-			4-4	.5hr TAT	(AHERA only)	TEM- Dust	t	iicar r rice Guide.			
	·			A 40 CF	R Part 7	63	Microva	= ac - ASTM	D 5755		
WOSHA 8br TW/	۵			17402	it, i ait i		Wine -		80		
PIM - Bulk (reporting	, limit)							Sonication	(EPA 600/1 03/167)		
				1212				Marmiouli	(EFA 000/3-53/107)		
	o/170 (≤176) o/ \			1012 F					LE A (0.25% constituitu)		
	70)							4KB 430	A (U.25% serisitivity)		
	000 / 20 40/)				5 4 /m.a.m. far			4KB 430 -	B (0.1% sensitivity)		
Deint Count w/Crowim	000 (<0.1%)				4 (non-in	able-NT)		ARD 435 -	B (0. 1% sensitivity)		
								4KD 433 -	C (U.UT% Sensitivity)		
	000 (<0.1%)			ass Ana	A 400 0	4 600 sec. 2 5		ual. Via Fiit	ration rechnique		
NYS 198.1 (mable	in NY)			ter: EP/	A 100.2		I FEM Qual. via Drop-Mount Technique				
□ NYS 198.6 NOB (r	non-friable-NY)		Fibers >10	um L	Waste		Other:				
NIOSH 9002 (<1%))		All Fiber Si	izes 🗌							
🔲 Check For Positiv	e Stop – Clearly	y identify	/ Homogene	ous Gro	oup Fil	ter Pore Size (A	ir Samples)): 🗌 0.8	um 🔲 0.45µm		
Samplers Name: Ct	nris Burns				Sampl	ers Signature:					
Osmanla #							Volume/A	rea (Air)	Date/Time		
Sample #	·····		Sample Des	criptio	n	<u> </u>	HA # (I	Bulk)	Sampled		
RP4451-AS01	SOIL - 4 P	T COM	IPOSITE,	, NOR	RTH SI	DE					
RP4451-AS02	SOIL - 4 P	т сом	POSITE,	EAS	T SIDE						
RP4451-AS03	SOIL - 4 PT	COM	POSITE, S	SOUT	TH SID	E					
RP4451-AS04	SOIL - 4 P	T CON	IPOSITE,	, WES	ST SIDI	Ξ			·····		
							· · · · · · · · · · · · · · · · · · ·				
			·								
		<u> </u>									
			. .								
			<u> </u>				1				
Client Sample # (s):				•		·	Total # of Sa	amples:	7		
Relinquished (Client)	1-p-	\frown	-	Date:	02/1	2/16		Time	0741		
Received (Lab):		At	10	Date:	2	13/14		Time	10:45 12		
Comments/Special In	structions:		V.	•		,					
						· · · · ·					

Controlled Document - Asbestos COC - R6 - 4/11/2012

Page 1 of ____ pages



Attn:CHRIS BURNSPhone:(925) 254-3196Vista Environmental Consulting, Inc.Fax:02/13/16 10:45 AM2984 Teagarden StReceived:02/13/16 10:45 AMSan Leandro, CA 94577Collected:

Project: FORA/161091001

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

Client Sample Description	Lab ID	Collected	Analyzed	Lead Concentration
RP4451-LS01	091602599-000	1	2/16/2016	<43 mg/Kg
	Site: SOIL -4PT	COMPOSIT	E NORTH SIDE	
RP4451-LS02	091602599-000	2	2/16/2016	<40 mg/Kg
	Site: SOIL -4PT	COMPOSIT	E, EAST SIDE	
RP4451-LS03	091602599-000	3	2/16/2016	<41 mg/Kg
	Site: SOIL -4PT	COMPOSIT	E, SOUTH SIDE	
RP4451-LS04	091602599-000	4	2/16/2016	<40 mg/Kg
	Site: SOIL -4PT	COMPOSIT	E, WEST SIDE	

Chin Dijlieller

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 reproduced 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

of tendo free to

111

1

į.

Lead (Pb) Chain of Custody EMSL Order ID (Lab Use Only):

09110025991

PHONE: EAX:

Company : Vista Environmental Consulting					EMSL-Bill to: Different X Same						
Street: 2984 Teagarden Street	Street: 2984 Teagarden Street					Third Party Billing requires written authorization from third party					
City: San leandro	ndro State/Province: CA					Zip/Postal Code: 94577 Country: USA					
Report To (Name): Chris Burns	<u>.</u>			Telephor	e#: 510-	346-88	60				
Email Address: chrisburns@vista	a-env con	n, molli@vista	-env.com	Fax #:				P	urchase Order	:	
Project Name/Number: FORA/1610	91001			Please P	rovide Res	suits:	FA)	x î x	E-mail	Mail	
U.S. State Samples Taken: CA				CT Samo	les: 🗍 Cr	mmerr	ial/Taxal		Residential/Ta	Exempt	
	Tt	Irnaround 1	Time (TA	T) Option	s* - Pleas	se Che	ck				
3 Hour 6 Hour	24	Hour	348 Hour		2 Hour	96 🗆	6 Hour		Week	2 Week	
	complete	d in accordanc	e with EMS	L's Terms a	nd Condition	ns locate	d in the Pr	ice Guid	e		
Matrix	_		Method		Ins	strume	nt	Rep	orting Limit	Check	
Chips 🗌 % by wt. 🗋 mg/cm² [] ppm	SV	V846-7000E	3	Flame At	tomic Ab	sorption		0.01%		
Air		N	IOSH 7082		Flame Al	tomic Ab	sorption	4	l μg/filter		
		N	IOSH 7105		Graphi	te Furna	ce AA	0.0	03 µa/filter		
		NIOS	1 7300 mod	lified	ICP-/	AES/ICP	-MS	0.	5 µg/filter		
Wipe* ASTM		SV	V846-7000E	3	Flame At	tomic Ab	sorption	10	0 µg/wipe		
non ASTM *if no box is checked, non-ASTM		SW8	46-6010B o	n C	þ	CP-AES		1.	0 µg/wipe		
Wipe is assumed		SW84	46-7000B/7	010	Graphi	te Fuma	ce AA	0.0	75 µg/wipe		
TCLP		SW846-13	11/7000B/S	M 3111B	A 3111B Flame Atomic Absorption			0.4 mg/L (ppm)			
		SW846-113	1/SW846-6	010B or C	010B or C ICP-AES			0.1 mg/L (ppm)			
Soil		SV	V846-7000E	3	Flame Atomic Absorption			40 mg/kg (ppm)			
X		S	W846-7010		Graphite Furnace AA			0.3 r	ng/kg (ppm)		
	SW846-6010B c			or C	از 	CP-AES		<u>2 m</u>	g/kg (ppm)		
Wastewater Unpreserved		SM3111	B/SW846-7	7000B	JUUB Flame Atomic Absorption			0.4	mg/L (ppm)		
Preserved with HNO ₃ pH < 2		t	EPA 200.9				0.003	mg/L (ppm)	──┝═┥──┤		
Drinking Water Upprocessed			EFA 200.7		Craphite Europee AA			0.020 mg/L (ppm)			
Preserved with HNO ₂ pH < 2	H	F	PA 200.9	ICP-MS			0.00	1 mg/L (ppm)	──┝╡╌─┨		
		40	CER Part 5	0 1CP-AES			11	2 ug/filter	┝──┾╪┽┈┙┥		
TSP/SPM Filter		40	CFR Part 5	Graphite Furnace AA			3.	6 ua/filter			
Other:	_								<u> </u>	──Ħ─┤	
Name of Sampler: ChrisBurns				Signa	ture of S	ample	 r:				
Sample #	Locatio	on			Volun	ne/Are	a		Date/Time S	Sampled	
RP4451-LS01 SOIL - 4 PT CO	MPOSIT	E, NORTH	SIDE							³	
RP4451-LS02 SOIL - 4 PT COI	MPOSIT	E, EAST SI	DE								
RP4451-LS03 SOIL - 4 PT COMPOSITE SOUTH SIDE					·····						
RP4451-LS04 SOIL - 4 PT CO			<u> </u>		·						
							·····				
	Δ	7									
Client Sample #'s	[A]	/				Tota	l # of Sa	mples	: 4		
Relinquished (Client):	1/2		Date:	02	121	14	Time:		0740		
Received (Lab):	20	colon	Date:	Q	310		Time:		10.450	\sim $$	
Comments:									 ພາກ		
										-	

Page 1 of ____ pages

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.

Vista Environmental Consulting, Inc.

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

Project ID:

 Phone:
 (510) 346-8860

 Fax:
 02/13/2016 10:45 AM

 Analysis Date:
 02/19/2016

 Collected Date:

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

			Non-Ast	<u>bestos</u>	Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
RP4452-AS01	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	N side	Non-Fibrous			
091602666-0001		Homogeneous			
Soil is a problem matrix. Or	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
RP4452-AS02	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	E side	Non-Fibrous			
091602666-0002		Homogeneous			
Soil is a problem matrix. Or	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
RP4452-AS03	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	S side	Non-Fibrous			
091602666-0003		Homogeneous			
Soil is a problem matrix. Or	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
RP4452-AS04	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	W side	Non-Fibrous			
091602666-0004		Homogeneous			
Soil is a problem matrix. Or	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		

Analyst(s)

Adam C. Fink (4)

Aciplicher

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 22:49:42

EMSL

EMBL ANALYTICAL, INC

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

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

091602666

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

Company : Vista Environmental Consulting, Inc.				EMSL-Bill to: X Same Different If Bill to is Different note instructions in Comments**						
Street: 2984 Teaga	rden Street			Th	Third Party Billing requires written authorization from third party					
City: San Leandro		State/P	rovince: CA	Zip/Post	al Code:	9457	7	Country:	US	
Report To (Name): C	hris Burns			Telepho	Telephone #: 510-346-8860					
Email Address: christ	ourns@vista-env	.com; m	olli@vista-env.co	"Fax #: Purchase Order:						
Project Name/Numbe	r: FORA/161	091001		Please P	rovide R	esults	s: 🗌 Fax	🔀 Email		
U.S. State Samples Taken: CA					eles: 🛄 🤇	Comm	ercial/Tax	able 🛄 Resi	dential/Tax Exempt	
			around Time (TA) Options	- Pleas	se Che	CK	Y A Work	1 2 Week	
*For TEM Air 3 hr through	6 hr. please call ah	ead to sch	edule.*There is a prer	nium charge	for 3 Hour	TÊM AI	HERA or EPA	Level II TAT.	You will be asked to sign	
an authorization fo	m for this service	Analysis	completed in accordai	nce with EMS	L's Terms	and Co	onditions loca	ted in the Analyt	ical Price Guide.	
PCM - Air	samples are fro	M NY	<u>TEM - Air</u> [_] 4-	4.5hr TAT	(AHERA o	nly)	TEM-D	u <u>st</u>		
				FR, Part /	63			vac - ASIMI	D 5/55	
WOSHA 8hr. TWA	<u> </u>							- ASTM 004		
PLM - Bulk (reporting								et Sonication	(EPA 600/J-93/167)	
DIMERA 500/R-93	/116 (<1%)							CAPD 425		
PLM EPA NOB (<1)	%)			0				CARB 435 - 4	A (U.25% sensitivity)	
	200 (20 196)			D 3.4 (non-fri	ahia NV)			CARD 435 - 1	B (0.1% sensitivity)	
Point Count w/Gravim	otric	-).4 (non-m)	abie-147)			CARB 435 - (C (0.01% sensitivity)	
	100 /<0 1%)		TEM Mass Ar	alvsis-FP	1 600 sec	- 25		Qual via Filtr	ation Technique	
NYS 198 1 (frable	in NY1		TEM - Water: E	EPA 100.2				EM Qual, via Drop-Mount Technique		
☐ NYS 198.6 NOB (r	on-friable-NY)		Fibers >10um	'] Waste		ana	Other:		p moont continues	
□ NIOSH 9002 (<1%)	ļ	All Fiber Sizes] Waste		ing				
Check For Positiv	e Stop - Clearly	/ identify	/ Homogenous G	roup Fil	ter Pore	Size (Air Sampi	es): 🗋 0.8µ	ım 🗌 0.45µm	
Samplers Name: Ct	aris Burns			Samp	ers Sign	ature:				
Sample #	·		Sample Descripti	on		-	Volume HA i	/Area (Air) # (Bulk)	Date/Time Sampled	
RP4452-AS01	SOIL - 4 P	T CON	POSITE, NO	RTH SI	DE					
RP4452-AS02	SOIL - 4 P	г сом	POSITE, EAS	T SIDE						
RP4452-AS03	SOIL - 4 PT	COM	POSITE, SOU	TH SID	E					
RP4452-AS04	SOIL - 4 P	T CON	POSITE, WE	ST SID	3					
			···				1			
							-			
		7					<u> </u>			
Client Sample # (s):	-TR	<u>}</u>	<u> </u>				Total # of	Samples:	4	
Relinquished (Client)	L R	5	Date:	02/1	2/K	<u>،</u>		Time	0740	
Received (Lab):		AC	Date:	2	3/14	2		Time	10:45 WL	
Comments/Speciel In	structions:	-		T	- 					

Controlled Document - Asbestos COC - R6 - 4/11/2012

Page 1 of 1 pages



32VEOK25

Attn: **CHRIS BURNS** Phone: (925) 254-3196 Fax: Vista Environmental Consulting, Inc. Received: 02/13/16 10:45 AM 2984 Teagarden St Collected: San Leandro, CA 94577

Project: FORA/161091001

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

Client Sample Descript	tion Lab ID	Collected	Analyzed	Lead Concentration
RP4452-LS01	091602653-000	1	2/18/2016	<43 mg/Kg
	Site: SOIL - 4 F	T COMPOS	ITE, NORTH SIDE	
RP4452-LS02	091602653-0002	2	2/18/2016	<42 mg/Kg
	Site: SOIL - 4 F	T COMPOS	ITE, EAST SIDE	
RP4452-LS03	091602653-000	3	2/18/2016	<43 mg/Kg
	Site: SOIL - 4 F	T COMPOS	ITE, SOUTH SIDE	
RP4452-LS04	091602653-0004	4	2/18/2016	<44 mg/Kg
	Site: SOIL - 4 F	T COMPOS	ITE, WEST SIDE	

Inin Daylicher

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 C	onsulting		EMSL-Bill If Bill to is Differ	to: I ent note instr	Different ructions in Cor	t X Same		
Street: 2984 Teagarden Street			Third Party Billing requires written authorization from third party					
City: San leandro State/I	Province: CA	Zip/Posta	Il Code: 94577		Cour	ntry: USA		
Report To (Name): Chris Burns		Telephon	e #: 510-346-886	60				
Email Address: chrisburns@vista-env.co	m, molli@vista-env.com	Fax #:			Purc	hase Order:		
Project Name/Number: FORA/161091001		Please Pl	ovide Results:	🚺 FAX	XE-	-mail 📃	Mail	
U.S. State Samples Taken: CA		CT Samp	les: 🗌 Commerc	ial/Taxab	le 🗌 Res	idential/Tax	Exempt	
Ī	urnaround Time (TA	T) Option	s* - Please Che	ck				
🗍 3 Hour 🛛 🗍 6 Hour 🗌 24	Hour 🗌 48 Hour	· 🗍 🗆 7:	2 Hour 🗌 96	6 Hour	📃 1 We	ek 🗌	2 Week	
*Analysis complete	ed in accordance with EMS	L's Terms a	nd Conditions locate	d in the Pri	ce Guide			
Matrix	Method		Instrume	nt	Reporti	ng Limit	Check	
Chips 🗌 % by wt. 📋 mg/cm² 📋 ppm	SW846-70008	3	Flame Atomic Ab	sorption	0.0)1%		
Air	NIOSH 7082		Flame Atomic Ab	sorption	4 µg	/filter		
	NIOSH 7105		Graphite Furna	ce AA	0.03 µ	ug/filter		
	NIOSH 7300 mod	lified	ICP-AES/ICP	-MS	0.5 µ	g/filter		
Wipe* ASTM 🔲	SW846-7000	3	Flame Atomic Ab	sorption	10 µg	j/wipe		
non ASTM	SW846-6010B c	or C	ICP-AES		1.0 µg	g/wipe		
Wipe is assumed	SW846-7000B/7	010	Graphite Furna	ce AA	0.075 μ	Jg/wipe		
TCLP	SW846-1311/7000B/S	SM 3111B	Flame Atomic Absorption		0.4 mg/	<u>/L (ppm)</u>		
	SW846-1131/SW846-6	010B or C	ICP-AES		0.1 mg/L (ppm)			
Soil	SW846-7000	3	Flame Atomic Absorption		40 mg/kg (ppm)			
X	SW846-7010				<u>0.3 mg/kg (ppm)</u>		<u></u>	
SW040-0 SM3111B/S		7000B	Flame Atomic Ab	soration	0.4 mg/L (ppm)			
Wastewater Unpreserved	EPA 200.9		Graphite Furnace AA		0.003 mg/L (ppm)			
Preserved with HNO ₃ pH < 2 \Box	EPA 200.7		ICP-AES		0.020 mg/L (ppm)			
Drinking Water Unpreserved	EPA 200.9		Graphite Furnace AA		0.003 mg/L (ppm)			
Preserved with HNO ₃ pH < 2 \Box	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 5	0 Graphite Furnace AA		3.6 µ(g/filter			
Other:								
Name of Sampler: ChrisBurns		Signa	ture of Sample	r:				
Sample # Locat	on		Volume/Are	a	D	ate/Time S	Sampled	
RP4452-LS01 SOIL - 4 PT COMPOSI	TE, NORTH SIDE							
RP4452-LS02 SOIL - 4 PT COMPOSI	TE, EAST SIDE							
RP4452-LS03 SOIL - 4 PT COMPOSI	TE, SOUTH SIDE							
RP4452-LS04 SOIL - 4 PT COMPOSI	52-LS04 SOIL - 4 PT COMPOSITE, WEST SIDE				·			
			· · · ·					
Client Sample #'s	/		Tota	l # of Sa	I	4		
Relinguished (Client)	Date:	02	12/16	Time	6	0740		
		2/1	2//1	Timere	1.	· # 57-		
Comments:	Date:		3/(6	1 mue:		//~~~) <u>«</u> m <u>~</u>		
						(4)		

Page 1 of ____ pages

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.

Vista Environmental Consulting, Inc.

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

Project ID:

 Phone:
 (510) 346-8860

 Fax:
 202/13/2016 10:45 AM

 Analysis Date:
 02/19/2016

 Collected Date:
 202/19/2016

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

		Non-Asbestos			Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
RP4454-AS01	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	N side	Non-Fibrous			
091602741-0001		Homogeneous			
Soil is a problem matrix. Oth	er analytical options are recom	mended such as EPA 60	00 PLM/TEM with milling prep		
RP4454-AS02	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	E side	Non-Fibrous			
091602741-0002		Homogeneous			
Soil is a problem matrix. Oth	er analytical options are recom	mended such as EPA 60	00 PLM/TEM with milling prep		
RP4454-AS03	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	S side	Non-Fibrous			
091602741-0003		Homogeneous			
Soil is a problem matrix. Oth	er analytical options are recom	mended such as EPA 60	00 PLM/TEM with milling prep		
RP4454-AS04	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	W side	Non-Fibrous			
091602741-0004		Homogeneous			
Soil is a problem matrix. Oth	er analytical options are recom	mended such as EPA 60	00 PLM/TEM with milling prep		

Analyst(s)

Adam C. Fink (4)

Aciplicher

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

EMS

EMEL ANALYTICAL, INC.

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

091602741

EMSL ANALYZICAL 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: X Same Different If Bill to is Different note instructions in Comments**						
Street: 2984 Teaga	rden 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	<u></u>	Telephor	ne #: 510-346-8	3860			
Email Address: chris	burns@vista-env.	com; molli@vista-env.co	mFax #:		Purchase	Order:		
Project Name/Numbe	r: FORA/1610	91001	Please P	rovide Results:	: 🗌 Fax 🕅 Email			
U.S. State Samples T	aken: <u>CA</u>		CT Samp	es: 🗌 Comme	ercial/Taxable 🔲 Res	sidential/Tax Exempt		
		Turnaround Time (TA	T) Options	* - Please Che				
*For TEM Air 3 hr through	6 hr, please call ahe	ad to schedule *There is a pre	mium charge	for 3 Hour TEM AH	IERA or EPA Level II TAT.	You will be asked to sign		
an authorization fo	orm for this service.	Analysis completed in accorda	nce with EMS	L's Terms and Cor	ditions located in the Anal	ytical Price Guide		
	samples are not		SP Dart 7	(AHEKA ONIY)	Mucrovac - ASTM	D 5765		
WOSHA 8hr. TW/	4)))	00		480		
PLM - Bulk (reporting	i limit)				Carpet Sonication	 n (EPA 600/J-93/167)		
X PLM EPA 600/R-93	3/116 (<1%)	□ ISO 10312			Soil/Rock/Vermicul	ite		
DPLM EPA NOB (<1	%)	TEM - Bulk			PLM CARB 435 -	A (0 25% sensitivity)		
Point Count	,)B		PLM CARB 435 -	B (0.1% sensitivity)		
☐ 400 (<0 25%) ☐ 10	000 (<0 1%)	NYS NOB 19	8.4 (non-fri	able-NY)	🗌 🗆 TEM CARB 435 -	B (0.1% sensitivity)		
Point Count w/Gravim	etric	Chatfield SO	Р		TEM CARB 435 -	C (0.01% sensitivity)		
400 (<0.25%) [] 10	000 (<0.1%)	TEM Mass A	nalysis-EPA	A 600 sec. 2.5	TEM Qual. via Filtration Technique			
NYS 198.1 (friable	in NY)	<u>TEM – Water:</u> E	PA 100.2	TEM Qual. via Drop-Mount Te				
□ NYS 198.6 NOB (r	ion-friable-NY)	Fibers >10µm	U Waste		Other:			
NIOSH 9002 (<1%)	All Fiber Sizes						
Check For Positiv	e Stop – Clearly	Identify Homogenous G	roup Fil	ter Pore Size (A	Air Samples): 🔲 0.8	um 🔲 0.45µm		
Samplers Name: Ct	nris Burns	<u> </u>	Sample	ers Signature:				
Sample #		Sample Descripti	on		Volume/Area (Air) HA # (Bulk)	Date/Time Sampled		
RP4454-AS01	SOIL - 4 PT	COMPOSITE, NO	RTH SIE	DE				
RP4454-AS02	SOIL - 4 PT	COMPOSITE, EAS	ST SIDE	<u></u>				
RP4454-AS03	SOIL - 4 PT	COMPOSITE, SOL	ITH SIDE	Ξ				
RP4454-AS04	SOIL - 4 PT	COMPOSITE, WE	ST SIDE	=				
	\sim	· · · · · · · · · · · · · · · · · · ·						
Client Sample # (s):	- IRT)			Total # of Samples:	4		
Relinquished (Client)	F Kr	Date	02/	12/14	Time	: 0739		
Received (Lab):		Date:	21	3/14	Time	10:43 WL		
comments/Special In	structions:	Y	·	r				
<u> </u>								

Controlled Document -- Asbestos COC -- R6 -- 4/11/2012

Page 1 of 1 pages



Attn:	CHRIS BURNS	Phone:	(925) 254-3196
	Vista Environmental Consulting, Inc.	Fax:	
	2984 Teagarden St	Received:	02/13/16 10:45 AM
Sa	San Leandro, CA 94577	Collected:	

Project: FORA/161091001

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

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

Chin Dijlieller

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 reproduced 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 Inital 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: Different X Same 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 S	State/P	rovince:	CA	Zip/Posta	I Code: 9	94577		C	ountry: US	SA		
Report To (Name): Chris Burns				Telephon	e#: 510-	346-886	0	<u> </u>				
Email Address: chrisburns@vista-e	env.com	n, molli@vista-	env.com	Fax #:				P	urchase C	order:		
Project Name/Number: FORA/161091	001			Please P	rovide Re	sults: [FAX	<u>X</u>	E-mail	<u> </u>	Mail	
U.S. State Samples Taken: CA				CT Samp	les: 🔲 Co	ommerci	ial/Taxab	ie 🗌 i	Residentia	l/Tax	Exem	pt _
Turnaround Time (TAT) Options* - Please Check												
🗌 3 Hour 🛛 🗋 6 Hour	24	Hour 🗌	48 Hour	. 72	2 Hour	96	Hour	1	Week		2 Wee	k
*Analysis co	omplete	d in accordance	with EMS	L's Terms a	nd Conditio	ns located	d in the Pri	ce Guid	9	- 14	01	ala
Matrix		N	lethod		Ins	strumer	nt	Rep	orting Lir	nit	Cne	СК
Chips 🗌 % by wt. 🗋 mg/cm² 📋	ppm	SW	846-7000	3	Flame A	tomic Abs	sorption		0.01%			
Air		NIC	OSH 7082		Flame A	tomic Abs	sorption	4	µg/filter			
		NIC	OSH 7105	i	Graph	ite Fumac	xe AA	0.0)3 µg/filter	r		
		NIOSH	7300 mod	lified	ICP-	AES/ICP-	MS	0.	5 µg/filter			
Wipe* ASTM [SW	846-7000	B	Flame A	tomic Abs	sorption	1() µg/wipe			
non ASTM *if no box is checked, non-ASTM		SW84	6-6010B c	or C		ICP-AES		1.	0 µg/wipe	[ᅳᆜ	
Wipe is assumed		SW84	6-7000B/7	010	Graph	ite Furnac	xe AA	0.0	75 µg/wip	e		_
TCLP		SW846-131	SM 3111B	Flame Atomic Absorption		0.4 mg/L (ppm)		n)				
		SW846-1131	/SW846-6	010B or C			0.1 mg/L (ppm)		n)			
Soil SW84		846-7000	8	Flame A	tomic Abs				$\frac{\pi}{2}$			
X			<u> </u>	Graph	ICP-AES		2 ma/kg (ppm)		$\frac{10}{10}$	- H		
		SM3111	B/SW846-	7000B	Flame A	tomic Abs	sorption	0.4 mg/L (ppm)		n)	-6	
Wastewater Unpreserved		EPA 200.9		Graphite Furnace AA		0.003 mg/L (ppm)		om)				
Preserved with HNO ₃ pH < 2		EPA 200.7		ICP-AES		0.020 mg/L (ppm)		om)				
Drinking Water Unpreserved		EPA 200.9		Graphite Furnace AA		0.003 mg/L (ppm)		m)				
Preserved with HNO ₃ pH < 2		EPA 200.8		ICP-MS		0.001 mg/L (ppm)		m)				
TSP/SPM Filter		40 CFR Part 50		ICP-AES		12 µg/filter						
		40 0	CFR Part 5	50	Graphite Furnace AA		3.6 µg/filter					
Other:					ł							
Name of Sampler: ChrisBurns				Signa	ture of S	Sample	r:					
Sample # 1	_ocati	on			Volu	me/Are	a		Date/Ti	ime S	ample	ed
RP4454-LS01 SOIL - 4 PT COM	IPOSI	TE, NORTH	SIDE									
RP4454-LS02 SOIL - 4 PT COM	POSIT	E, EAST SI	DE				,					
RP4454-LS03 SOIL - 4 PT CON	IPOSI	TE, SOUTH	SIDE	-								
RP4454-LS04 SOIL - 4 PT COM	NL - 4 PT COMPOSITE, WEST SIDE		IDE	}								
		3										
Client Sample #'s / / / / Total # of Samples: 4												
Relinguished (Client)	~	-	Date:	02	/12/1	6	Time:	•	07:	37		
	/		Deter	-1	1 milh		Time		10.4			
Comments:			Date:		113/10				<u> </u>	ur M		
									[4	U.		
						_				_	. . .	_

Page 1 of ____ pages

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	RP4456-LS02East Side<42	
RP4456-LS03	South Side	<42
RP4456-LS04	West Side	<41





EMSL Analytical, Inc.

Vista Environmental Consulting, Inc.

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

Project ID:

 Phone:
 (510) 346-8860

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

 Analysis Date:
 02/19/2016

 Collected Date:

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

			Asbestos		
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
RP4456-AS01	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	N side	Non-Fibrous			
091602742-0001		Homogeneous			
Soil is a problem matrix. Ot	her analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
RP4456-AS02	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	E side	Non-Fibrous			
091602742-0002		Homogeneous			
Soil is a problem matrix. Ot	her analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
RP4456-AS03	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	S side	Non-Fibrous			
091602742-0003		Homogeneous			
Soil is a problem matrix. Ot	her analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	W side	Non-Fibrous			
091602742-0004		Homogeneous			
Soil is a problem matrix. Ot	her analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		

Analyst(s)

Adam C. Fink (4)

Aciplicher

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

EMS

EMSL ANALYTICAL, INC.

LABORATORY . PRODUCTS . TRA

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

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

091602742

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

			ENGL	Bill to: XI Same Diff	erent	
Company : Vista Environmental Consulting, Inc.		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	St	ate/Province: CA	Zip/Postal Code: 94577 Country: US			
Report To (Name):	Chris Burns		Telephone #: 510-346	-8860	——————————————————————————————————————	
Email Address: chris	burns@vista-env.co	om: molli@vista-env.co	mFax #:	Purchase ()rder:	
Project Name/Numb	er: FORA/16109	1001	Please Provide Result	s: 🗍 Fax 🕅 Email		
U.S. State Samples	Taken: CA		CT Samples: 🗌 Comm	nercial/Taxable 🔲 Res	idential/Tax Exempt	
		Turnaround Time (TA	T) Options* - Please Ch	eck		
Sector TEM Air 3 hr through	Hour 24	to schedule *There is a prei	mium chame for 3 Hour TEM A	96 Hour X 1 Week	You will be asked to sign	
an authorization f	orm for this service An	alysis completed in accorda	nce with EMSL's Terms and Co	onditions located in the Analy	tical Price Guide	
PCM - Air Check	if samples are from I	NY <u>TEM – Air</u> 🗍 4-	4.5hr TAT (AHERA only)	TEM-Dust		
NIOSH 7400	_	AHERA 40 C	FR, Part 763	Microvac - ASTM	D 5755	
WOSHA 8hr TW.	A	NIOSH 7402		Wipe - ASTM D64	80	
PLM - Bulk (reporting	<u>q limit)</u>	EPA Level II		Carpet Sonication	(EPA 600/J-93/167)	
LX PLM EPA 600/R-9	3/116 (<1%)	☐ ISO 10312		Soil/Rock/Vermiculi		
	%)				A (0.25% sensitivity)	
	000 (20 48()		18 9.4 (non frichla NIV)		B (0.1% sensitivity)	
□ 400 (<0.25%) □ 1 Point Count w/Gravim	000 (<0 1%) etric		5.4 (non-mable-NT)		C (0.1% sensitivity)	
	000 (<0.1%)		nalvsis-EPA 600 sec. 2.5	TEM Oual via Filt	ration Technique	
□ +00 (<0.2070) □ 1	in NY)	TFM - Water: F	PA 100 2	n-Mount Technique		
$\square NYS 198 6 NOB (non-friable NY) = Eibers > 10 µm$			Waste Drinking	Other:		
□ NIOSH 9002 (<1%		All Fiber Sizes	Waste Drinking			
Check For Positiv	re Stop – Clearly Id	entify Homogenous G	roup Filter Pore Size	(Air Samples): 🔲 0.8	um 🔲 0.45µm	
Samplers Name: C	nris Burns		Samplers Signature	:		
Sample #		Sample Descripti	on	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled	
RP4456-AS01	SOIL - 4 PT (COMPOSITE, NO	RTH SIDE			
RP4456-AS02	SOIL - 4 PT C					
RP4456-AS03	SOIL - 4 PT C	OMPOSITE, SOU	ITH SIDE			
RP4456-AS04	SOIL - 4 PT (COMPOSITE, WE	ST SIDE			
Client Sample # (s):	[A]			Total # of Samples:	4	
Relinquished (Client	the	Date:	62/12/16	Time	039	
Received (Lab);		ACAC Date:	2/13/14	Time	:10:45 WT	
Comments/Special 1	nstructions:	U				
[

Controlled Document - Asbestos COC - R6 - 4/11/2012

Page 1 of 1 pages



ProjectID:

Attn: **CHRIS BURNS** Phone: (925) 254-3196 Fax: Vista Environmental Consulting, Inc. Received: 02/13/16 10:45 AM 2984 Teagarden St Collected: San Leandro, CA 94577

Project: FORA/161091001

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

Client Sample Descri	ption Lab ID Colle	cted Analyzed	Lead Concentration
RP4456-LS01	091602651-0001	2/18/2016	<43 mg/Kg
	Site: SOIL - 4 PT COM	IPOSITE, NORTH SIDE	
RP4456-LS02	091602651-0002	2/18/2016	<42 mg/Kg
	Site: SOIL - 4 PT COM	IPOSITE, EAST SIDE	
RP4456-LS03	091602651-0003	2/18/2016	<42 mg/Kg
	Site: SOIL - 4 PT COM	IPOSITE, SOUTH SIDE	
RP4456-LS04	091602651-0004	2/18/2016	<41 mg/Kg
	Site: SOIL - 4 PT COM	IPOSITE, WEST SIDE	

Inin Daylicher

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):

09160265

PHONE: FAX:

Company : Vis	sta Environmo	ental C	onsulting		EMSL-Bill to: Different X Same If Bill to is Different note instructions in Comments**							
Street: 2984 Te	eagarden Street	1 —			Third Party Billing requires written authorization from third party							
City: San leand	on on the second	State/P	rovince:	CA	Zip/Postal Code: 94577 Country: USA					,		
Report To (Na	me): Chris Burns	·			Telephor	te #: 510	-346-886	60	·			
Email Address	; chrisburns@vist	a-env.con	n, molli@vista	-env.com	Fax #:			<u> </u>	F	Purchase C)rder:	
Project Name/	Number: FORA/1610	91001]	Please P	rovide Re	esults:	FAX	<u> </u>	E-mail		Mail
U.S. State San	nples Taken: ^{CA}			-	CT Samp	oles: 🔲 C	ommerc	ial/Taxat	ole 🗌	Residentia	al/Tax	Exempt
		Tu	Irnaround T	ime (TA	T) Option	is* - Plea	se Che	ck				
3 Hour				48 Hour		2 Hour	96 🗌 96	6 Hour		1 Week		2 Week
	Matrix	s complete	u in accordance	<u>with EMS</u> Viethod	LS I em sa	na Conditio	strume	<u>a in the Ph</u> nt	Ren	e orting Lir	nit l	Check
Chips 🗆 % b	y wt. mg/cm²	_ ppm		/846-7000E	3	Flame /	Atomic Ab	sorption		0.01%		
Air			NI	OSH 7082		Flame A	Atomic Ab	sorption	4	4 µg/filter		
			NI	OSH 7105		Grap	nite Furna	ce AA	0.	03 µg/filte	r	
			NIOSH	7300 mod	lified	ICP	-AES/ICP	-MS	0	.5 µg/filter		
Wipe*	ASTM		SM	/846-7000E	3	Flame A	Atomic Ab	sorption	1	0 µg/wipe		
"if no box is	non ASTM checked, non-ASTM		SW84	16-6010B o	r C		ICP-AES		1.	.0 µg/wipe		
	Wipe is assumed		SW84	6-7000B/7	010	Graph	nite Fuma	ce AA	0.0	75 µg/wip	e	
TCLP			SW846-131	1/7000B/S	M 3111B	Flame A		sorption	0.4	mg/L (ppr	n)	
Soil			 SN	/846-7000F	3	Flame 4	Atomic Ab	sorption	40 r	חפוב (ppt מסוגם (מסו	"'/ m)	
X			SV	V846-7010		Graphite Furnace AA		ce AA -	- 0:3	mg/kg (pp	m)	
<u> </u>			SW846-6010B or C		r C	ICP-AES		2 mg/kg (ppm)		n)		
Wastewater	Unpreserved	<u>г</u>	SM3111B/SW846-7000B		7000B	Flame A	Atomic Ab	sorption	0.4 mg/L (ppm)		n)	
Preserved wi	th HNO₃ pH < 2	Ξ	E	PA 200.9		Graphite Furnace AA		ce AA	0.003 mg/L (ppm)		<u>(m)</u>	╾╞╡╌╴╏
Drinking Wat		<u> </u>	EPA 200.7			Graphite Furnace AA		0.020 mg/L (ppm)		////) m\	┉╫	
Preserved wi	th HNO ₃ pH < 2		EPA 200.8			ICP-MS		~~~~	0.001 mg/L (ppm)		m)	- <u></u>
TSP/SPM Fil	<u> </u>		40 CFR Part 50		ICP-AES		12 µg/filter					
			40 (CFR Part 5	0 Graphite Fumace AA /		′ 3	.6 µg/filter				
Other:					<u>.</u>					<u> </u>		
Name of Sam	pler: ChrisBurns	_			Signa	ture of s	Sample	r:				
Sample # RP4456-LS01	SOIL - 4 PT CO	Locatio MPOSI	on IE, NORTH	SIDE	Volume/Area					Date/Ti	me S	ampled
RP4456-LS02	SOIL - 4 PT CO	MPOSIT	E, EAST SI	DE								
RP4456-LS03	SOIL - 4 PT CC	MPOSI	TE, SOUTH	SIDE								
RP4456-LS04	SOIL - 4 PT CC	MPOSI	TE, WEST S	IDE							<u> </u>	
				,į								
Client Sample	e #'s	-17		I	*:		Tota	I # of Sa	mples	s: 4		
Relinquished	(Client):	Ľ	2	Date:	02	hz/1	Le l	Time:		675	7	
Received (Lab): Date:			* 2/1	3/16		Time:		10:2541	η	[
Comments:						U			-	1425		
				ر آم			. <u> </u>					
			Pac	le 1 of 1	pages	l						
•				·								

Page 1 Of 1 **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.

Vista Environmental Consulting, 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:

 Phone:
 (510) 346-8860

 Fax:

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

 Analysis Date:
 02/20/2016

 Collected Date:

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

			Non-Asbes	stos	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре
RP4457-AS01	Soil - 4 pt composite,	Brown	6% Cellulose	30% Quartz	None Detected
	N side	Fibrous		10% Gypsum	
091602688-0001		Homogeneous		54% Non-fibrous (Other)	
Soil is a problem matrix. Or	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
RP4457-AS02	Soil - 4 pt composite,	Brown		25% Quartz	None Detected
	E side	Non-Fibrous		10% Gypsum	
091602688-0002		Homogeneous		65% Non-fibrous (Other)	
Soil is a problem matrix. Or	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
RP4457-AS03	Soil - 4 pt composite,	Brown	5% Cellulose	30% Quartz	None Detected
	S side	Fibrous		15% Gypsum	
091602688-0003		Homogeneous		50% Non-fibrous (Other)	
Soil is a problem matrix. Or	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
RP4457-AS04	Soil - 4 pt composite,	Brown	3% Cellulose	25% Quartz	None Detected
	W side	Fibrous		10% Gypsum	
091602688-0004		Homogeneous		62% Non-fibrous (Other)	
Soil is a problem matrix. Or	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		

Analyst(s)

Jared Martin (4)

Aciplicher

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 15:25:31

EMSL

EMSL ANALYTICAL, INC.

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

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

091602688

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

Company : Vista Environmental Consulting, Inc.			EMSL-Bill to: X Same L Different						
street: 2984 Teagarden Street			Third Party Billing requires written authorization from third party				from third party		
City: San Leandro State/Province: CA			Zip/Postal Code: 94577 Country: US						
Report To (Name): C	hris Burns			Telepho	1e # : 51	0-346-8	3860		
Email Address: christ	ourns@vista-env.	com; mol	li@vista-env.co	nFax #:				Purchase O	rder:
Project Name/Numbe	r: FORA/1610	91001		Please P	rovide R	esults:	🔲 Fax	🗶 Email	
U.S. State Samples Tr	aken: <u>CA</u>			CT Sam	oles: 🔲 🤇	Comme	ercial/Taxa	able 🗌 Resi	dential/Tax Exempt
		Turnar	ound Time (TA)) Options	* - Pleas			X 4 Wook	2 Week
*For TEM Air 3 hr through	6 hr, please call ahea	ad to sched	lule *There is a pren	num charge	for 3 Hour	TEM AH	ERA or EPA	Level II TAT	ou will be asked to sign
an authorization fo	m for this service.	Analysis coi	mpleted in accordar	ice with EMS	L's Terms	and Con	ditions locat	ed in the Analyt	ical Price Guide.
	samples are non			4.00 FIAT	(AMEKA O	niy)		<u>use</u> Mac Astmi	7 5755
				rix, rait <i>i</i>	00			- ASTM D64	80
PIM - Bulk (reporting	limit)							et Sonication	(EPA 600/.I-93/167)
DY PIMEPA 600/R-93	/116 (<1%)						Soil/Roc	k/Vermiculi	(E17700000000000)
	%) %)	T	EM - Bulk					CARB 435 - /	A (0 25% sensitivity)
Point Count	,	<u>ן</u>		в				CARB 435 - I	B (0.1% sensitivity)
□ 400 (<0.25%) □ 10	000 (<0.1%)			- 3.4 (non-fri	able-NY)			CARB 435 - I	B (0.1% sensitivity)
Point Count w/Gravime	etric		Chatfield SOF	,			TEM	CARB 435 - (C (0.01% sensitivity)
[] 400 (<0.25%) [] 10	000 (<0.1%)) (TEM Mass Ar	Analysis-EPA 600 sec 2.5			TEM Qual. via Filtration Technique		
D NYS 198.1 (friable	in NY)	1	[EM - Water: Ef	PA 100.2			Qual. via Dro	p-Mount Technique	
🔲 NYS 198.6 NOB (л	ion-friable-NY)	F	Fibers >10µm	☐ Waste	🗋 Drink	ing	<u>Other:</u>		
NIOSH 9002 (<1%)	A	All Fiber Sizes] Waste	Drink	ing			
Check For Positive	e Stop – Clearly	Identify H	lomogenous G	roup Fi	ter Pore	Size (A	Air Sample	es): 🔲 0.8µ	ım 🔲 0.45µm
Samplers Name: Ch	ris Burns			Samp	ers Sign	ature:			
							Volume	/Area (Air)	Date/Time
		Sa	Imple Description		~~~			F (Bulk)	Sampled
RP4457-AS01	SOIL - 4 PT		POSITE, NO	RIHSI)E		<u> </u>		
RP4457-AS02	SOIL - 4 PT	COMP	OSITE, EAS	T SIDE	<u>.</u>				
RP4457-AS03	SOIL - 4 PT (COMPO	OSITE, SOU	TH SID	E				
RP4457-AS04	SOIL - 4 PT	COMF	POSITE, WE	ST SID	Ξ				
			<u> </u>				T-4-1 # -4		
Client Sample # (s):	-12			. 1	- 11		Total # Of	Samples:	7
Relinguished (Client)		जेत/	Date:	02/	1Z/1			Time	0738
Received (Lab):		RU	Date:	;Z	1311	<u>v</u>		Time:	DYW
Comments/Special In	structions:	U	I		• •				,
						_			

Controlled Document - Asbestos COC - R6 - 4/11/2012

Page 1 of 1 pages



Attn:CHRIS BURNSPhone:(925) 254-3196Vista Environmental Consulting, Inc.Fax:02/13/16 10:45 AM2984 Teagarden StReceived:02/13/16 10:45 AMSan Leandro, CA 94577Collected:

Project: FORA/161091001

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

Client Sample Description	Lab ID	Collected	Analyzed	Lead Concentration
RP4457-LS01	091602665-000	1	2/15/2016	<42 mg/Kg
	Site: SOIL - 4 P	COMPOSI	TE, NORTH SIDE	
RP4457-LS02	091602665-0002	2	2/15/2016	<44 mg/Kg
	Site: SOIL - 4 P	COMPOSI		
RP4457-LS03	091602665-0003	3	2/15/2016	<40 mg/Kg
	Site: SOIL - 4 P	COMPOSI		
RP4457-LS04	091602665-0004	4	2/15/2016	<40 mg/Kg
	Site: SOIL - 4 P	COMPOSI	TE, WEST SIDE	

Chin Diplicher

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 reproduced 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 Inital Report . Reason Code: Data Entry-Change to Appearance

,

Lead (Pb) Chain of Custody EMSL Order ID (Lab Use Only):

0911,02665

PHONE: FAX:

Company : Vista Environmental Consulting			EMSL-Bill to: Different X Same						
Street: 2984 Teagarden Street			Third Party Billing requires written authorization from third party						
City: San leandro	dro State/Province: CA			Zip/Postal Code: 94577 Country: USA					
Report To (Name): Chris Burns				Telephon	e #: 510-346-880	60			
Email Address: chrisburns@vista	a-env.com	n, molli@vista-e	env.com	Fax #:			Pu	rchase Order:	
Project Name/Number: FORA/1610	91001			Please Pr	ovide Results:	FAX	X X	E-mail	Mail
U.S. State Samples Taken: CA				CT Samp	les: 🔲 Commerc	ial/Taxat	ole 🗌 R	esidential/Tax	Exempt
	Tu	rnaround Ti	me (TA	T) Option	s* - Please Che	ck			•
🗌 3 Hour 🛛 6 Hour	24	Hour 📋	48 Hour	72	2 Hour 🛛 🗍 96	6 Hour	1	Week 🛛 🗖	2 Week
*Analysis	complete	d in accordance	with EMS	L's Terms ai	nd Conditions locate	d in the Pri	ce Guide		
Matrix		M	ethod		Instrume	nt	Repo	rting Limit	Check
Chips 🗌 % by wt. 🗋 mg/cm² [] ppm	SW8	346-7000E	3	Flame Atomic Ab	sorption	(0.01%	
Air		NIC	SH 7082		Flame Atomic Ab	sorption	4	µg/filter	
		NIC	SH 7105		Graphite Furna	ce AA	0.0	3 µg/filter	
		NIOSH	7300 mod	ified	ICP-AES/ICP	-MS	0.5	µg/filter	<u> </u>
Wipe* ASTM		SW8	346-7000E	3	Flame Atomic Ab	sorption	10	µg/wipe	
non AS I M •if no box is checked, non-ASTM		SW846	6-6010B o	r C	ICP-AES		1.0	µg/wipe	
Wipe is assumed		SW846	-7000B/70	010	Graphite Furna	ce AA	0.07	5 µg/wipe	
TCLP		SW846-1311	/7000B/S	M 3111B	Flame Atomic Ab	sorption	<u>0.4 m</u>	ıg/L (ppm)	
0-7		SW846-1131/	SW846-6	010B or C	ICP-AES		0.1 m	ng/L (ppm)	
		SVV8	846-7000E	3	Flame Atomic Absorption		40 m	g/kg (ppm)	
X ·	- 1	SW846	6010B 0	rC	ICP-AFS	Ce AA	-0.5 m	$\frac{y}{ka}$	┝╼╾┝╤╡╼╼╌╽
		SM3111B/SW846-7000B		7000B	Flame Atomic Ab	sorption	0.4 mg/L (ppm)		
Wastewater Unpreserved		EPA 200.9		Graphite Furnace AA		0.003 mg/L (ppm)			
	ц 	EPA 200.7			ICP-AES		0.020 mg/L (ppm)		
Drinking Water Unpreserved		EF	PA 200.9		Graphite Furnace AA		0.003 mg/L (ppm)		
Preserved with $HNO_3 pH < 2$	<u> </u>	EF	PA 200.8		ICP-MS		0.001 mg/L (ppm)		
TSP/SPM Filter		40 C	FR Part 5	0	ICP-AES		12 µg/filter		
Ofher:		40 01		<u> </u>	Graphite Fumace AA		3.0	рупшег	╾┾┥
Name of Samplers ChrisBurgs				Giana	ture of Comple	1			
Sample #	Locati			_ Signa	Volumo/Are	<u>r:</u>	·	Data/Time S	ampled
RP4457-LS01 SOIL - 4 PT CO	MPOSII				Volume/Are	a		Dater I line C	ampieu
RP4457-LS02 SOIL - 4 PT CO	MPOSIT								
RF4457-LS05 SOIL - 4 FT CO	SO3 SOIL - 4 PT COMPOSITE, SOUTH SIDE								
RP4457-LS04 SOIL - 4 PT CO	04 SOIL - 4 PT COMPOSITE, WEST SIDE								<u> </u>
	0	,						•	
Client Sample #'s	F.A/				Tota	al # of Sa	mples:	4	
Relinquished (Client):	- p	•	Date:	02/	12/1Le	Time:		0737_	
Received (Lab):			Date:	12/	3716	Time:		10:25 6	
Comments:					· · · · · · · · · · · · · · · · · · ·	•		INS T	
								-	

Page 1 of ____ pages

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.

Vista Environmental Consulting, Inc.

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

Project ID:

 Phone:
 (510) 346-8860

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

 Analysis Date:
 02/19/2016

 Collected Date:

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

			Non-As	<u>bestos</u>	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
RP4466-AS01	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	N side	Non-Fibrous			
091602735-0001		Homogeneous			
Soil is a problem matrix. Ot	her analytical options are recom	mended such as EPA 6	00 PLM/TEM with milling prep		
RP4466-AS02	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	E side	Non-Fibrous			
091602735-0002		Homogeneous			
Soil is a problem matrix. Ot	her analytical options are recomi	mended such as EPA 6	00 PLM/TEM with milling prep		
	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	S side	Non-Fibrous			
091602735-0003		Homogeneous			
Soil is a problem matrix. Ot	her analytical options are recom	mended such as EPA 6	00 PLM/TEM with milling prep		
	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	W side	Non-Fibrous		· · · · · · · · · · · · · · · · · · ·	
091602735-0004		Homogeneous			
Soil is a problem matrix. Ot	ther analytical options are recomi	mended such as EPA 6	00 PLM/TEM with milling prep		

Analyst(s)

Adam C. Fink (4)

Aciplicher

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

EMSI

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only)

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

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

09	16	Ô	2	73	5
		_			

EMSL ANALYTICAL, INC.	<u> </u>		01						FAX	(510) 895-3680
Company - Vista Environmental Consulting, Inc.				EMSL-Bill to: X Same Different						
Street: 2984 Teagarden Street				Third Party Billion requires written authorization from third party						
City: San Leandro		State/P	rovince:	CA	Zip	Zip/Postal Code: 94577 Country: US			US	
Report To (Name): C	hris Burns	.			Telephone #: 510-346-8860					
Email Address: christ	ourns@vista-en	v.com; m	olli@vista	a-env.co	mFax	(#:			Purchase O	rder:
Project Name/Numbe	r: FORA/161	091001			Ple	Please Provide Results: E Fax Email				
U.S. State Samples T	aken: <u>CA</u>				СТ	Samples:] Comme	ercial/Tax	able 🗌 Resi	dential/Tax Exempt
		Turna 24 Hour	around T	ime (TA' 8 Hour	<u>T) Op</u>	otions* – Ple			X 1 Week	2 Week
3 Hour 5 Hour 3 Hour 44 Hour 44 Hour 44 Hour 44 Hour 45 Hour 46 Hour 46 Hour 47 Hour 47 Hour 47 Hour 47 Hour 47 Hour 47 Hour 47 Hour 47 Hour 47 Hour 47 Hour 47 Hour 47 Hour 4										
PCM - Alr Check if	samples are fro	om NY	TEM - A	<u>ir 🗌 4</u> -	4.5h	r TAT (AHERA	\ only}	TEM-D	ust	
NIOSH 7400				RA 40 C	FR, I	Part 763		Microvac - ASTM D 5755		
W/ OSHA 8hr TWA	۱			SH 7402				🛛 🗌 Wipe	e - ASTM D64	80
PLM - Bulk (reporting	<u>limit)</u>		🗌 EPA	Level II				Carpet Sonication (EPA 600/J-93/167)		
X PLM EPA 600/R-93	8/116 (<1%)		🔲 ISO	10312				Soil/Rock/Vermiculite		
🔲 PLM EPA NOB (<1	%)		<u>TEM - B</u>	luik				PLM CARB 435 - A (0.25% sensitivity)		
Point Count				EPA NC)B			PLM CARB 435 - B (0.1% sensitivity)		
	000 (<0 1%)			NOB 19	8.4 (r ~	non-friable-N	Y)	TEM CARB 435 - B (0.1% sensitivity)		
Point Count W/Graving							9 E		CARD 435 - V	otion Toobaiqua
↓ 400 (<0.25%) ⊥ 10	JUU (<0.1%)			_ TEM Mass Analysis-EPA 600 sec. 2.5						
	IN NY)		<u>IEM-V</u>	EM - Water: EPA 100 2			Other:			
	Non-madie-in t)									
NIOSH 9002 (<1%			All Fiber	51263			inking	[. L		
Check For Positiv	e Stop – Clearl	y Identify	y Homoge	enous G	roup	Filter Po	re Size (/	Air Sampl	es): 🗌 0.8µ	im 🗌 0.45µm
Samplers Name: Ct	nris Burns				5	Samplers Sig	gnature:			
Sample #	Sample Description					Volume HA	e/Area (Air) # (Bulk)	Date/Time Sampled		
RP4466-AS01	SOIL - 4 PT COMPOSITE, NORTH			H SIDE						
RP4466-AS02	SOIL - 4 PT COMPOSITE, EAST S				SIDE					
RP4466-AS03	SOIL - 4 PT COMPOSITE, SOUTH SIDE									
RP4466-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE									
									,	
		<u>}</u>								
Client Sample # (s): Total # of Samples: 4										
Relinquished (Client): Date: 02/12/1Co Time: 0737										
Received (Lab); JOANS Date: & 13/14 Time: 10:45 WT					10:45 WT					
Comments/Special In	ISTRUCTIONS:	V								

Controlled Document - Asbestos COC - R6 - 4/11/2012

Page 1 of 1 pages



32VEOK25

Attn: **CHRIS BURNS** Phone: (925) 254-3196 Fax: Vista Environmental Consulting, Inc. Received: 02/13/16 10:45 AM 2984 Teagarden St Collected: San Leandro, CA 94577

Project: FORA/161091001

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

Client Sample Descri	iption Lab ID Colle	cted Analyzed	Lead Concentration
RP4466-LS01	091602650-0001	2/18/2016	<44 mg/Kg
	Site: SOIL - 4 PT COM	IPOSITE, NORTH SIDE	
RP4466-LS02	091602650-0002	2/18/2016	<40 mg/Kg
	Site: SOIL - 4 PT COM	IPOSITE, EAST SIDE	
RP4466-LS03	091602650-0003	2/18/2016	<42 mg/Kg
	Site: SOIL - 4 PT COM	IPOSITE, SOUTH SIDE	
RP4466-LS04	091602650-0004	2/18/2016	<40 mg/Kg
	Site: SOIL - 4 PT COM	IPOSITE, WEST SIDE	

Inin Daylicher

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 : Vi	Company : Vista Environmental Consulting			EMSL-Bill to: Different X Same				
Street: 2984 Te	eagarden Street		Third Party Billing requires written authorization from third party					
City: San leand	ro State/P	rovince: CA	Zip/Postal Code: 94577 Country: USA					
Report To (Na	me): Chris Burns		Telephone #: 510-346-8860					
Email Address	; chrisburns@vista-env.con	n, molli@vista-env.com	Fax #: Purchase Order:					
Project Name/	Number: FORA/161091001		Please P	rovide Results:	FAX		E-mail	Mail
116 State San	anlos Takon: CA	- · · - · -	CT Samn		ial/Tavak		esidential/Tax	Exempt
U.J. State Jan		rnaround Time (TA	T) Option	e* - Ploseo Che	rabiana		condenitali raz	Exempt
					Hour	1 1		2 Week
	*Analysis complete	d in accordance with EMS		nd Conditions locate	d in the Pr	ice Guide		2 11001
	Matrix	Method		Instrume	nt	Repo	rting Limit	Check
Chips 📋 % b	y wt. 🗌 mg/cm² 🔲 ppm	SW846-7000	3	Flame Atomic Ab	sorption		0.01%	
Air		NIOSH 7082	_	Flame Atomic Ab	sorption	4	µg/filter	
		NIOSH 7105		Graphite Furna	ce AA	0.0	3 ua/filter	
		NIOSH 7300 mod	lified	ICP-AES/ICP	-MS	0.5	5 µg/filter	
Wipe*	ASTM	SW846-7000	3	Flame Atomic Ab	sorption	10	µg/wipe	
*if no box is	non ASTM	SW846-6010B c	or C	ICP-AES		1.0	µg/wipe	
	Wipe is assumed	SW846-7000B/7	010	Graphite Furna	ce AA	0.07	5 µg/wipe	
TCLP		SW846-1311/7000B/S	M 3111B	Flame Atomic Absorption		0.4 m	ng/L (ppm)	
	i	SW846-1131/SW846-6	010B or C	ICP-AES		0.1 n	ng/L (ppm)	
Soil		SW846-7000B		Flame Atomic Absorption		40 mg/kg (ppm)		
X ~		- SW846-7010		-Graphite Furnace AA-		0.3 mg/kg (ppm)		
	<i>#</i>	SW846-6010B dF C		ICP-AES		2 mg	<u>д/кд (ppm)</u>	
Wastewater	Unpreserved	SM3111B/SW846-7000B		Flame Atomic Ab	sorption	0.003 mg/L (ppm)		╌━╞╡─┤
Preserved wi	ith HNO₃pH < 2 🛛 🗌	EPA 200.9		ICP-AES		0.003	ma/L (ppm)	
Drinking Wa	ter Unpreserved	EPA 200.9		Graphite Furnace AA		0.003	ma/L (ppm)	
Preserved w	ith HNO₃pH < 2 🔲	EPA 200.8		ICP-MS		0.001 mg/L (ppm)		
TOD/ODM Cil	tor	, 40 CFR Part 50		ICP-AES		12 µg/filter		
	(6)	40 CFR Part 50		Graphite Furnace AA		3.6 µg/filter		
Other:								
Name of Sam	npler: ChrisBurns		Signa	ture of Sample	r:			
Sample #	Locati	on		Volume/Are	a		Date/Time S	Sampled
RP4466-LS01	SOIL - 4 PT COMPOSIT	TE, NORTH SIDE						
RP4466-LS02	SOIL - 4 PT COMPOSIT	E, EAST SIDE						
RP4466-LS03	SOIL - 4 PT COMPOSI	TE, SOUTH SIDE				· ,		
RP4466-LS04	SOIL - 4 PT COMPOSI	TE, WEST SIDE						
	~							
Client Sampl	e#'s	· · · · · · · · · · · · · · · · · · ·	<u>-</u>	Tota	l # of Sa	imples:	4	
Relinguisher	(Client)	Date:	12	lizlica	Time	- - [1737	
Received (1 ah		Dater	5	112/16	Time		10:45en	
Comments:		Date.	(15710	<u></u>	I,	1615	
L	· · · · · · · · · · · · · · · · · · ·							
		Page 1 of	pages					

Page 1 Of 1 ٠.

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.

Vista Environmental Consulting, 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:

 Phone:
 (510) 346-8860

 Fax:

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

 Analysis Date:
 02/20/2016

 Collected Date:

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

			<u>Asbestos</u>		
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре
RP4467-AS01	Soil - 4 pt composite,	Brown	2% Cellulose	35% Quartz	None Detected
	N side	Fibrous		5% Gypsum	
091602748-0001		Homogeneous		58% Non-fibrous (Other)	
Soil is a problem matrix. Ot	her analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
RP4467-AS02	Soil - 4 pt composite,	Brown	2% Cellulose	35% Quartz	None Detected
	E side	Non-Fibrous		63% Non-fibrous (Other)	
091602748-0002		Homogeneous			
Soil is a problem matrix. Ot	her analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
RP4467-AS03	Soil - 4 pt composite,	Brown	1% Cellulose	25% Quartz	None Detected
	S side	Non-Fibrous		15% Gypsum	
091602748-0003		Homogeneous		59% Non-fibrous (Other)	
Soil is a problem matrix. Ot	her analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep	× ,	
RP4467-AS04	Soil - 4 pt composite,	Brown		20% Quartz	None Detected
	W side	Non-Fibrous		5% Gypsum	
091602748-0004		Homogeneous		75% Non-fibrous (Other)	
Soil is a problem matrix. Ot	her analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		

Analyst(s)

Jared Martin (4)

Aciplicher

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 09:40:50

emsi EMSL ANALYTICAL, INC

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

091602748

EMSL ANALYTICAL NO 2235 POLVOROSA DR #230 SAN LEANDRO, CA 94577 PHONE: (510) 895-3675

Fax: (510) 895-3680

Company : Vista Environmental Consulting, Inc.			EMSL-Bill to: X Same Different							
Street: 2984 Teaga	arden Street		Third Party Billing requires written authorization from third party							
City: San Leandro		State/Province: CA	Zip/Po	Zip/Postal Code: 94577 Country: US				<u> </u>		
Report To (Name):	Chris Burns		Teleph	Telephone #: 510-346-8860						
Email Address: chris	hurns@vista-env	com: molli@vista-env	0mEav #				Purcha		for	
Project Name/Number	r: FORA/1610	91001	Please	Provide	Results	Fax		nail	<u>. </u>	
U.S. State Samples T	aken: CA	/1001	CT Sa	mples:	Comme	ercial/Tax	able 📋	Resid	ential/Ta	x Exempt
		Turnaround Time (T	AT) Optio	ns* – Plea	ise Che	ck	· ·			
3 Hour 6	Hour 24	Hour 48 Hou		72 Hour		6 Hour		Week		2 Week
 "For TEM Air 3 hr through an authorization for 	n 6 hr, please call anea orm for this service. A	ad to schedule.* I here is a p Analysis completed in accor	remium char Jance with E	ge for 3 Hou MSL's Term	s and Con	ERA or EPA ditions local	ted in the	Analytica	al Price Gui	ide
PCM - Air Check I	f samples are from	NY TEM-Air	4-4.5hr T/	AT (AHERA	only)	TEM-D	<u>uşt</u>			
NIOSH 7400		🔲 AHERA 40	CFR, Par	t 763		🗋 Micro	vac - As	STM D	5755	
🗋 w/ OSHA 8hr TW/	Ą	NIOSH 74)2			🛛 🗋 Wipe	- ASTM	1 D6480	C	
PLM - Bulk (reporting	<u>a limit)</u>	EPA Level	11			🛛 🗋 Carp	et Sonic	ation (E	EPA 600/.	J-93/167)
X PLM EPA 600/R-9	3/116 (<1%)	🔲 ISO 10312				Soil/Ro	ck/Verm	niculite		
D PLM EPA NOB (<1	%)	TEM - Bulk					CARB 4	435 - A	(0.25% se	ensitivity)
Point Count		🗇 TEM EPA I	IOB				CARB 4	35 - B	(0.1% ser	nsitivity)
[] 400 (<0.25%) [] 1	000 (<0.1%)	🗌 NYS NOB 1	98 4 (non-	-friable-NY	7	i 🗋 tem	CARB 4	135 - B	(0.1% sei	nsitivity)
Point Count w/Gravim	etric	🗌 Chatfield S	OP			🗌 ТЕМ	CARB 4	135 - C	(0.01% s	ensitivity)
🗌 400 (<0.25%) 门 1	000 (<0.1%)	🛛 🗌 TEM Mass	Analysis-E	PA 600 se	ec 2.5	TEM Qual. via Filtration Technique			nique	
📋 NYS 198.1 (friable	in NY)	TEM - Water:	EPA 100.2	2		🗌 ТЕМ	Qual. vi	a Drop-	-Mount Te	echnique
D NYS 198.6 NOB (non-friable-NY)	Fibers >10µm	U Wast	Waste Drinking Other:						
[] NIOSH 9002 (<1%	a)	All Fiber Sizes	U Waste	e 🗌 Drin	king					
Check For Positive Stop – Clearly Identify Homogenous Group Filter Pore Size (Air Samples): 0.8µm 0.45µm										
Check For Positiv	e Stop – Clearly I	dentify Homogenous	Group	Filter Por	e Size (A	Air Sample	es): _ [_] 0.8µm	1 🗌 0.4	15µm
Check For Positiv	e Stop – Clearly I hris Burns	dentify Homogenous	Group Sam	Filter Pore	e Size (A nature:	Air Sample	es):] 0.8µm	<u>0.4</u>	i5μm
Check For Positiv Samplers Name: Cl Sample #	e Stop – Clearly I hris Burns	dentify Homogenous	Group Sam	Filter Pore	e Size (A nature:	Volume	es): [/Area (A # (Bulk)	<u>] 0.8µm</u> Air)	n [] 0.4 Date/ Sam	5μm Time pled
Check For Positiv Samplers Name: Cl Sample # RP4467-AS01	e Stop – Clearly I nris Burns SOIL - 4 PT	dentify Homogenous Sample Descrij COMPOSITE, N	Group Sam stion ORTH S	Filter Por oplers Sig	e Size (A nature:	Volume	es): /Area (A # (Bulk)	<u>] 0.8µm</u> Air)	Date/	l5μm Time pled
Check For Positiv Samplers Name: Cl Sample # RP4467-AS01 RP4467-AS02	e Stop – Clearly I nris Burns SOIL - 4 PT SOIL - 4 PT	Sample Descrip COMPOSITE, N	Group Sam tion ORTH S	Filter Pore oplers Sig SIDE E	e Size (A nature:	Volume HA 1	es): /Area (A # (Bulk)	<u>] 0.8µm</u> Air)	Date/	Time pled
Check For Positiv Samplers Name: Cl Sample # RP4467-AS01 RP4467-AS02 RP4467-AS03	e Stop – Clearly I nris Burns SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT (Sample Descrip COMPOSITE, N COMPOSITE, EA	Group Sam Maintion ORTH S NST SID	Filter Pore oplers Sig SIDE E DE	e Size (A nature:	Volume HA I	es): /Area (A # (Bulk)] 0.8µm Air)	Date/	Time pled
Check For Positive Samplers Name: Cl Sample # RP4467-AS01 RP4467-AS02 RP4467-AS03 RP4467-AS04	e Stop – Clearly I nris Burns SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT	Sample Descrip COMPOSITE, N COMPOSITE, EA COMPOSITE, SC	Group Sam Sam ORTH S ST SID UTH SI	Filter Pore aplers Sig DIDE DE DE	e Size (A nature:	Volume HA I	es): /Area (A # (Bulk)] 0.8µm	Date/ Sam	Time pled
☐ Check For Positiv Samplers Name: Cl Sample # RP4467-AS01 RP4467-AS02 RP4467-AS03 RP4467-AS04	e Stop – Clearly I nris Burns SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT	Sample Descrip COMPOSITE, N COMPOSITE, EA COMPOSITE, SC COMPOSITE, W	Group Sam Sam ORTH S ST SID UTH SI	Filter Pore aplers Sig DIDE DE DE	e Size (A nature:	Volume HA I	es): /Area (A # (Bulk)] 0.8µm	Date/ Sam	Time pled
☐ Check For Positiv Samplers Name: Cl Sample # RP4467-AS01 RP4467-AS02 RP4467-AS03 RP4467-AS04	e Stop – Clearly I nris Burns SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT	Sample Descrip COMPOSITE, N COMPOSITE, EA COMPOSITE, SC COMPOSITE, W	Group Sam Sam ORTH S ST SID UTH SI	Filter Pore oplers Sig DE DE DE	e Size (A nature:	Volume HA I	es): /Area (A # (Bulk)] 0.8µm	Date/ Sam	Time pled
☐ Check For Positiv Samplers Name: Cl Sample # RP4467-AS01 RP4467-AS02 RP4467-AS03 RP4467-AS04	e Stop – Clearly I nris Burns SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT	Sample Descrip COMPOSITE, N COMPOSITE, EA COMPOSITE, SC COMPOSITE, W	Group Sam Sam ORTH S ST SID UTH SI EST SI	Filter Pore oplers Sig DE DE DE	e Size (A nature:	Volume HA I	es): /Area (A # (Bulk)] 0.8µm	Date/ Sam	Time pled
☐ Check For Positiv Samplers Name: Cl Sample # RP4467-AS01 RP4467-AS02 RP4467-AS03 RP4467-AS04	e Stop - Clearly I nris Burns SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT	Sample Descrip COMPOSITE, N COMPOSITE, EA COMPOSITE, SC COMPOSITE, W	Group sam North S ST SID UTH SI EST SI	Filter Pore	e Size (A		es): /Area (A # (Bu)k)] 0.8µm	Date/ Sam	i5μm Time pled
Client Sample # (s):	e Stop - Clearly I nris Burns SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT	Sample Descrip COMPOSITE, N COMPOSITE, EA COMPOSITE, SC COMPOSITE, W	Group Sam Atton ORTH S AST SID UTH SI EST SI	Filter Pore	e Size (A	Volume HA 1	es): /Area (A # (Bulk)] 0.8μm	n [] 0.4	i5μm Time pled
Client Sample # (s): Client Sample # (s): Client Sample # (s):	e Stop - Clearly I nris Burns SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT	Sample Descrip COMPOSITE, N COMPOSITE, EA COMPOSITE, SC COMPOSITE, W	e: 02/	Filter Pore aplers Sig DE DE DE	e Size (A nature:	Volume HA 1	es): # (Bulk) # (Bulk)] 0.8μm Air) es: Ζ	1 □ 0.4 Date/ Sam	Time pled
Client Sample # (s): Received (Lab);	e Stop - Clearly I nris Burns SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT SOIL - 4 PT	Sample Descrip COMPOSITE, N COMPOSITE, EA COMPOSITE, SC COMPOSITE, W	e: 02/ e: U	Filter Pore oplers Sig DE DE DE	e Size (A nature:	Volume HA I	es): /Area (A # (Bulk) # (Bulk)] 0.8µm Air) ев: 2 Тіте: 4	Date/ Sam	Time pled

Controlled Document ~ Asbestos COC - R6 - 4/11/2012

Page 1 of 1 pages



32VEOK25

Attn: **CHRIS BURNS** Phone: (925) 254-3196 Fax: Vista Environmental Consulting, Inc. Received: 02/13/16 10:45 AM 2984 Teagarden St Collected: San Leandro, CA 94577

Project: FORA/161091001

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

Client Sample Descri	iption Lab ID Colle	rted Analyzed	Lead Concentration
RP4467-LS01	091602655-0001	2/18/2016	<40 mg/Kg
	Site: SOIL - 4 PT COM	IPOSITE, NORTH SIDE	
RP4467-LS02	091602655-0002	2/18/2016	<43 mg/Kg
	Site: SOIL - 4 PT COM	IPOSITE, EAST SIDE	
RP4467-LS03	091602655-0003	2/18/2016	<42 mg/Kg
	Site: SOIL - 4 PT COM	IPOSITE, SOUTH SIDE	
RP4467-LS04	091602655-0004	2/18/2016	<41 mg/Kg
	Site: SOIL - 4 PT COM	IPOSITE, WEST SIDE	

Inin Daylicher

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 C	onsulting	EMSL-Bill to: Different X Same If Bill to is Different note instructions in Comments**					
Street: 2984 Teagarden Street		Th	ird Party Billing requi	ires written	authoria	zation from third p	arty
City: San leandro State/P	rovince: CA	Zip/Postal Code: 94577 Country: USA					
Report To (Name): Chris Burns		Telephone #: 510-346-8860					
Email Address: chrisburns@vista-env.com	n, molli@vista-env.com	Fax #:			P	urchase Order:	
Project Name/Number: FORA/161091001		Please P	rovide Results:	FAX	X	E-mail	Mail
U.S. State Samples Taken: CA	-	CT Samp	les: 🗌 Commerc	ial/Taxab		 Residential/Tax	Exempt
Tu	rnaround Time (TA	T) Option	s* - Please Che	ck			
🗌 3 Hour 🛛 🗍 6 Hour 🗌 24	Hour 48 Hour	7	2 Hour 96	Hour	1	Week 🔲	2 Week
*Analysis complete	d in accordance with EMS	SL's Terms a	nd Conditions located	d in the Pric	ce Guid	e	
Matrix	Method		Instrume	nt	Rep	orting Limit	Check
Chips 🗌 % by wt. 🗌 mg/cm² 🗌 ppm	SW846-7000	в	Flame Atomic Abs	sorption		0.01%	
Air	NIOSH 7082		Flame Atomic Abs	sorption	4	l µg/filter	
	NIOSH 7105	<u> </u>	Graphite Furnad	ce AA	0.0	03 µg/filter	
	NIOSH 7300 mod	dified	ICP-AES/ICP-	-MS	0.	5 µg/filter	
Wipe* ASTM	SW846-7000	B	Flame Atomic Abs	sorption	10) µg/wipe	
*if no box is checked, non-ASTM	SW840-0010B C	0r C	ICP-AES		1.0	υ μg/wipe	
	SV040-7000D/7	010 NA 9444D	Graphire Fumace AA		0.0	ro µg/wipe	
ICLF	SW/846-1131/SW/846-6	010B or C	ICP-AES	sorbtion	0.41	mg/L (ppm)	────┤
Soil	SW846-7000	R	Flame Atomic Absorption		40 m	ng/c (ppm)	
.V-	SW846-7010		Graphite Furnace AA		0.3 mg/kg (ppm)		
^	SW846-6010B or C		ICP-AES		2 mg/kg (ppm)		- H
	SM3111B/SW846-7000B		Flame Atomic Abs	sorption	0.4	mg/L (ppm)	
Prosperied with HNO, pH < 2	EPA 200.9		Graphite Furnace AA		0.003 mg/L (ppm)		
	EPA 200.7		ICP-AES		0.020 mg/L (ppm)		
Drinking Water Unpreserved	EPA 200.9		Graphite Furnad	ce AA	0.00	3 mg/L (ppm)	
Preserved with HNO ₃ pH < 2	EPA 200.8		ICP-MS		0.00	1 mg/L (ppm)	
TSP/SPM Filter	40 CFR Part 5	50 - 0	ICP-AES		<u>12 µg/filter</u>		
Other		50	Graphite Fumat	CE AA	3.	6 µg/filter	
Name of Sampler: ChrisBurns		Signa	ture of Sample	r:			
Sample # Locati	on		Volume/Area	a		Date/Time S	ampled
RP4467-LS01 SOIL - 4 PT COMPOSI							
RP4467-LS02 SOIL - 4 PT COMPOSIT	E, EAST SIDE						
RP4467-LS03 SOIL - 4 PT COMPOSI	TE, SOUTH SIDE				1	1	
RP4467-LS04 SOIL - 4 PT COMPOSI	TE, WEST SIDE				1		-
	γ			,		· ··· - -	
Client Sample #'s	$\nu_{$		Tota	l # of Sa	mples	: 4	
Relinquished (Client):	Date:	02	/12/16	Time:		0736	
Received (Lab):	Date:	2/1	3/16	Time:		(): 4 Sum	-
Comments:						(61)	
		1					,
		1 :					

Page 1 of _____ pages

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.

Vista Environmental Consulting, 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:

 Phone:
 (510) 346-8860

 Fax:
 02/13/2016 10:45 AM

 Analysis Date:
 02/20/2016

 Collected Date:

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

			<u>Asbestos</u>		
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
RP4469-AS01	Soil - 4 pt composite,	Brown	2% Cellulose	25% Quartz	None Detected
	N side	Fibrous		5% Gypsum	
091602749-0001		Homogeneous		68% Non-fibrous (Other)	
Soil is a problem matrix. O	ther analytical options are recom	mended such as EPA 600	PLM/TEM with milling prep		
RP4469-AS02	Soil - 4 pt composite,	Brown	5% Cellulose	20% Quartz	None Detected
	E side	Fibrous		10% Gypsum	
091602749-0002		Homogeneous		65% Non-fibrous (Other)	
Soil is a problem matrix. O	ther analytical options are recom	mended such as EPA 600	PLM/TEM with milling prep		
RP4469-AS03	Soil - 4 pt composite,	Brown	3% Cellulose	20% Quartz	None Detected
	S side	Fibrous		77% Non-fibrous (Other)	
091602749-0003		Homogeneous			
Soil is a problem matrix. O	ther analytical options are recom	mended such as EPA 600	PLM/TEM with milling prep		
RP4469-AS04	Soil - 4 pt composite,	Brown		30% Quartz	None Detected
	W side	Non-Fibrous		5% Gypsum	
091602749-0004		Homogeneous		65% Non-fibrous (Other)	
Soil is a problem matrix. O	ther analytical options are recom	mended such as EPA 600	PLM/TEM with milling prep		

Analyst(s)

Jared Martin (4)

Aciplicher

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

EMSI

EMEL ANALYTICAL, INC.

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

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

091602749

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

Company : Vista Environmental Consulting, Inc.			EMSL-Bill to: X Same 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/F	Province: CA	Zip/Postal Code: 94577 Country: US			US	
Report To (Name):	Chris Burns		Telephone #: 5:	10-346-8860			
Email Address: chris	burns@vista-env.com; n	nolli@vista-env.co	^m Fax #:		Purchase C)rder:	
Project Name/Numbe	er: FORA/161091001		Please Provide I	Results: 🗌	Fax 🛛 Email	· · · · · · · · · · · · · · · · · · ·	
U.S. State Samples T	aken: CA		CT Samples:	Commercial	/Taxable 🔲 Res	idential/Tax Exempt	
	Turn	around Time (TA	T) Options* – Plea	se Check			
*For TEM Air 3 hr through	Hour 24 Hour	edule *There is a prer	T2 Hour			2 Week	
an authorization fo	orm for this service. Analysis	completed in accordar	nce with EMSL's Terms	s and Condition	s located in the Analy	tical Price Guide	
PCM - Air 🔲 Check i	f samples are from NY	<u>TEM – Air</u> 🗌 4-	4.5hr TAT (AHERA (only) <u>TEI</u>	<u> W-Dust</u>		
NIOSH 7400		🔲 AHERA 40 C	FR, Part 763		Microvac - ASTM	D 5755	
🔲 w/ OSHA 8hr. TW/	A	🔲 NIOSH 7402		ים	Wipe - ASTM D64	80	
PLM - Bulk (reporting	<u>a limit)</u>	EPA Level II			Carpet Sonication	(EPA 600/J-93/167)	
X PLM EPA 600/R-93	3/116 (<1%)	□ ISO 10312		<u>Soi</u>	i/Rock/Vermiculi	te	
📋 PLM EPA NOB (<1	%)	TEM - Bulk			PLM CARB 435 -	A (0 25% sensitivity)	
Point Count		📋 TEM EPA NO	B		PLM CARB 435 - I	B (0.1% sensitivity)	
400 (<0.25%) 🔲 10	000 (<0.1%)	NYS NOB 198	8.4 (non-friable-NY) 🗆 .	TEM CARB 435 -	B (0.1% sensitivity)	
Point Count w/Gravim	etric	Chatfield SOF	0		TEM CARB 435 -	C (0.01% sensitivity)	
400 (<0.25%)	000 (<0.1%)	TEM Mass Ar	alysis-EPA 600 se	<u>c 25</u>	TEM Qual. via Filti	ration Technique	
NYS 198.1 (friable	in NY)	TEM - Water: Ef	PA 100.2				
🔲 NYS 198.6 NOB (r	non-friable-NY)	Fibers >10µm	Waste Drini	king Oth	ier:		
NIOSH 9002 (<1%)	All Fiber Sizes [Waste Drink	king 🔲			
Check For Positiv	e Stop – Clearly Identify	y Homogenous Gi	roup Filter Pore	e Size (Air Sa	mples): 🔲 0.8j	um 🔲 0.45µm	
Samplers Name: Cl	nris Burns		Samplers Sigr	nature:			
Sample #		Sample Description	on	Vo	ume/Area (Air) HA # (Bulk)	Date/Time Sampled	
RP4469-AS01	SOIL - 4 PT CON	IPOSITE, NO	RTH SIDE				
RP4469-AS02	SOIL - 4 PT COM	POSITE, EAS	ST SIDE				
RP4469-AS03	SOIL - 4 PT COM	POSITE, SOU	TH SIDE				
RP4469-AS04	SOIL - 4 PT CON	/IPOSITE, WE	ST SIDE				
	\sim					· · · · · · · · · · · · · · · · · · ·	
Client Sample # (s):	(1)	-	······································	I Total	# of Samples:		
Relinquished (Client)	E	Date:	02/12/110		Time	0736	
Received (Lab):	The	Date:	7/13/16		Time	10:45 W	
Comments/Special Instructions:							

Controlled Document - Asbestos COC - R6 - 4/11/2012

Page 1 of 1 pages



Attn:CHRIS BURNSPhone:(925) 254-3196Vista Environmental Consulting, Inc.Fax:02/13/16 10:45 AM2984 Teagarden StReceived:02/13/16 10:45 AMSan Leandro, CA 94577Collected:

Project: FORA/161091001

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

Client Sample Description	Lab ID	Collected	Analyzed	Lead Concentration	
RP4469-LS01	091602648-000	1	2/17/2016	<40 mg/Kg	
	Site: SOIL - 4 P	T COMPOSI	TE, NORTH SIDE		
RP4469-LS02	091602648-000	2	2/17/2016	<40 mg/Kg	
	Site: SOIL - 4 P	T COMPOSI	TE, EAST SIDE		
RP4469-LS03	091602648-000	3	2/17/2016	<42 mg/Kg	
	Site: SOIL - 4 P	T COMPOSI	TE, SOUTH SIDE		
RP4469-LS04	091602648-000	4	2/17/2016	<43 mg/Kg	
	Site: SOIL - 4 PT COMPOSITE, WEST SIDE				

Chin Dijlieller

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 reproduced 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

1

Lead (Pb) Chain of Custody EMSL Order ID (Lab Use Only): O역 しんしんしょ

PHONE: Fax:

									FAA.	
Company : Vista Environmental Consulting				EMSL-Bill to: Different X Same						
Street: 2984 Teagarden Street				Third Party Billing requires written authorization from third party						
City: San leandro	State/P	rovince: CA	Zi	ip/Posta	I Code: 94	577		C	ountry: USA	
Report To (Name): Chris Bu	urns		Te	elephon	e#: 510-3	46-886	50			
Email Address: chrisburns	@vista-env.com	n, molli@vista-env.co	m Fa	ax #:				P	urchase Order:	
Project Name/Number: FOR	A/161091001		P	lease Pr	ovide Res	ults:	FA)	x T	E-mail	Mail
LLS State Samples Taken:	CA			T Samp	les: 🗌 Cor	nmero	ial/Taxat	ale 🗔	Residential/Tax	Exempt
O.O. Otate Campies Tuken	Tu	rnaround Time (TAT)	Option	s* - Pleas	e Che	ck			
□ 3 Hour □ 6 Ho	ur 🗌 24	Hour A8 Ho	bur		2 Hour	96	6 Hour	1 🗐	Week	2 Week
<u>*Ar</u>	nalysis complete	d in accordance with E	MSL's	Terms ar	nd Condition	s locate	d in the Pr	ice Guid	θ	
Matrix		Metho	d		Inst	trume	nt	Rep	orting Limit	Check
Chips 🗌 % by wt. 🗌 mg/c	m² 🔲 ppm	SW846-70	00B		Flame Atc	omic Ab	sorption		0.01%	
Air		, NIOSH 70	082		Flame Ato	mic Ab	sorption	4	¹ μg/filter	
		NIOSH 7*	105	-	Graphite	e Fuma	ce AA	0.0	03 µg/filter	
		NIUSH 7300 r	nounte	u -	IUP-A					
Wipe* A		SW846-70	OOR		Flame Ato		sorption	- 1	0 µg/wipe	
*if no box is checked, non-	ASTM	SVV846-6010	B OF C	·	Granhite	P-AES	~ 44	1.	υ μg/wipe	
	unteg	SW040-7000	DITOTO	, 2444D	Graphite Fulhace AA					
ICLP		SW846-1131/SW84	6-6010	DB or C	ICP-AES		0.4 mg/L (ppm)			
Soil		SW846-70	00B		Flame Atomic Absorption		40 mg/kg (ppm)		X	
		SW846-7	010=	~	Graphite Furnace AA		~ 0.3 mg/kg (ppm) _			
		SW846-6010	BorC	;	ICP-AES		2 mg/kg (ppm)			
Wastewater Unpreser		SM3111B/SW846-7000B		Flame Atomic Absorption		0.4 mg/L (ppm)		<u> </u>		
Preserved with HNO ₃ pH		EPA 200.9		Graphite Furnace AA		0.003 mg/L (ppm)		<u> </u>		
Dutu Line Materia		EPA 200).7		ICP-AES		0.020	img/∟ (ppm)		
Preserved with HNO. pH		EPA 200	1.9		Graphite Fumace AA		0.003 mg/L (ppm)		H	
Fleserved with Third 3 pr		40 CER Pa	 int 50	<u> </u>	ICP-AES		12 ug/filter		-Fi	
TSP/SPM Filter		40 CFR Pa	art 50		Graphite Furnace AA		3.6 µg/filter			
Other:				-		_				
Name of Sampler: ChrisE	Burns		<u>.</u>	Signa	ture of Sa	ample	r:			
Sample #	Locati	on	Ī		Volum	ie/Are	a		Date/Time S	Sampled
RP4469-LS01 SOIL - 4 P	RP4469-LS01 SOIL - 4 PT COMPOSITE, NORTH SIDE									
RP4469-LS02 SOIL - 4 P	T COMPOSIT	E, EAST SIDE								
RP4469-LS03 SOIL - 4 PT COMPOSITE, SOUTH SIDE										
RP4469-LS04 SOIL - 4 PT COMPOSITE, WEST SIDE										
\sim										
Client Sample #'s -//1/ Total # of Samples: 4										
Relinquished (Client):	1 i	F- Date):	02/	12/14	I	Time:		0736	
Received (Lab):		Date	:	2/	13/16		Time:		0:45	
Comments:									1025	-
			. <u> </u>						<u> </u>	

Page 1 of ____ pages

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.

Vista Environmental Consulting, Inc.

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

Project ID:

 Phone:
 (510) 346-8860

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

 Analysis Date:
 02/19/2016

 Collected Date:

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

			Non-Ast	<u>pestos</u>	Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
RP4471-AS01	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	N side	Non-Fibrous			
091602739-0001		Homogeneous			
Soil is a problem matrix. O	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
RP4471-AS02	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	E side	Non-Fibrous			
091602739-0002		Homogeneous			
Soil is a problem matrix. O	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
RP4471-AS03	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	S side	Non-Fibrous			
091602739-0003		Homogeneous			
Soil is a problem matrix. O	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		
RP4471-AS04	Soil - 4 pt composite,	Brown		100% Non-fibrous (Other)	None Detected
	W side	Non-Fibrous			
091602739-0004		Homogeneous			
Soil is a problem matrix. O	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep		

Analyst(s)

Adam C. Fink (4)

Aciplicher

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 23:07:25

EMSL	r	As EM	b estos SL Ordei	Chai r Num	n of ber	f Custo (Lab Use C	dy (nly)	EMS 2235 POL SAN LEA	L ANALYTICAL, INC. VOROSA DR #230 NDRO, CA, 94577
EMBL ANALYTICAL, INC.		OTHE	0273	ମ	09	160273	9	PHO	NE (510) 895-3675
LABORATORY - PRODUCTS - TRAINING	·	ARD	2/16/11	6				—— Fr.	AX: (510) 895-3680
Company : Vista Env	/ironment	al Consult	ing, Inc.			ifi	EMSL-B Bill to is Dif	ill to: 🛛 Same 🔲 D)ifferent Comments**
Street: 2984 Teagar	rden Stree	et				Third Party	Billing re	quires written authorizat	tion from third party
City: San Leandro		State/P	rovince: (CA	Zip/P	ostal Code	9457	7 Country:	US
Report To (Name): C	hris Burns	5			Telep	hone #: 5	10-346-	8860	
Email Address: chrisb	urns@vista	-env.com; m	olli@vista-e	env.com	Fax #	:		Purchase	e Order:
Project Name/Number	r: FORA/1	61091001			Pleas	e Provide	Results	: 🗌 Fax 🛛 Ema	āl
U.S. State Samples Taken: CA CT Samples: Commercial/Taxable Residential/Tax Exempt									
3 Hour 6 H	lour			ne (TAT) Hour		ons" – Pier 72 Hour	ase Che	CK 96 Hour IX 1 We	ek 2 Week
*For TEM Air 3 hr through 6	6 hr, please ca	Il ahead to sch	edule.*There	ís a premi	um cha	arge for 3 Hou	IT TEM AF	ERA or EPA Level II TA	T. You will be asked to sign
en authorization for	m for this served and s	rice Analysis a from NY	completed in a	accordanc A_A	e with 5br T	EMSL's Term	is and Cor	ditions located in the An	alytical Price Guide
	sampies are			A 40 CE	R Pa	rt 763	oniyj	Microvac - AST	M D 5755
w/ OSHA 8hr. TWA				1 7402	, i u			Wipe - ASTM D	6480
PLM - Bulk (reporting	limit)		EPA L	evel il				Carpet Sonicati	on (EPA 600/J-93/167)
X PLM EPA 600/R-93/	116 (<1%)		🗍 ISO 10	0312				Soil/Rock/Vermica	ulite
🔲 PLM EPA NOB (<1%	6)		TEM - Bul	l <u>k</u>	•			PLM CARB 435	- A (0.25% sensitivity)
Point Count			🔲 TEM EI	PA NOB)B PLM CARB 435 - B (0.19				- B (0.1% sensitivity)
	00 (<0.1%)			OB 198.4	8.4 (non-friable-NY) 🛄 TEM CARB 435 - B (0.1% sensit				- B (0.1% sensitivity)
Point Count W/Gravimet				Id SOP	² TEM CARB 435 - C (0.01% sensit				- C (0.01% sensitivity)
400 (<0.25%) 100	UU (<0 1%) n NIV)			ass Ana	iysis-l	EPA 600 se	ec. 2.5	TEM Qual via F	iltration Technique
	n NT) no-friable-NN	~			Waste Dripking Other				
		')	All Fiber S	izes 🗔					
Check For Positive	Stop – Cie	ariv identify	Homogen			Filter Por	a Size (A		8um [] 0.45um
Samplers Name: Chr	ris Burns		<u> </u>		Sar	nplers Sig	nature:		
Sample #		Ś	Sample Des	scription	 1			Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
RP4471-AS01	SOIL - 4	PT COM	POSITE	, NOR	тн :	SIDE			
RP4471-AS02	SOIL - 4	PT COM	POSITE,	EAST	SIC	DE		· · · · · · · · · · · · · · · · · · ·	
RP4471-AS03 S	SOIL - 4 I	PT COMF	POSITE,	SOUT	HS	IDE			
RP4471-AS04	SOIL - 4 PT COMPOSITE, WEST SIDE								
		<u> </u>							
\sim									
Client Sample # (s): Total # of Samples: 4									
Relinquished (Client):	Relinquished (Client): Date: 02/12/1C Time: 0735								
Received (Lab):		10	n	Date:	Ż	13/14	0	Tim	10:45 WT
			T						

Controlled Document - Asbestos COC - R6 - 4/11/2012

Page 1 of <u>1</u> pages



Attn:CHRIS BURNSPhone:(925) 254-3196Vista Environmental Consulting, Inc.Fax:02/13/16 10:45 AM2984 Teagarden StReceived:02/13/16 10:45 AMSan Leandro, CA 94577Collected:

Project: FORA/161091001

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

Client Sample Description	Lab ID	Collected	Analyzed	Lead Concentration
RP4471-LS01	091602605-000	1	2/17/2016	<40 mg/Kg
	Site: SOIL -4PT	COMPOSIT	NORTH SIDE	
RP4471-LS02	091602605-000	2	2/17/2016	<42 mg/Kg
	Site: SOIL -4PT	COMPOSIT	E, EAST SIDE	
RP4471-LS03	091602605-000	3	2/17/2016	<40 mg/Kg
	Site: SOIL -4PT	COMPOSIT	E, SOUTH SIDE	
RP4471-LS04	091602605-000	4	2/17/2016	<44 mg/Kg
	Site: SOIL -4PT	COMPOSIT	E, WEST SIDE	

Chin Dijlieller

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 reproduced 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

1. . . .

Lead (Pb) Chain of Custody EMSL Order ID (Lab Use Only)⁻

2006001100

Phone Fax.

Company : Vista Environmental C	EMSL-Bill to: Different X Same If Bill to is Different note instructions in Comments**									
Street: 2984 Teagarden Street	Street: 2984 Teagarden Street				Third Party Billing requires written authorization from third party					
City: San leandro State/	Province: CA	Zip/Posta	l Code: 94577		Country: USA					
Report To (Name): Chris Burns		Telephon	e #: 510-346-88	60						
Email Address: chrisburns@vista-env.co	m, molli@vista-env.com	Fax #:			Purchase Order					
Project Name/Number: FORA/161091001		Please P	rovide Results:	FA)	K X E-mail	Mail				
IIS State Samples Taken: CA		CT Same		ial/Tavat	ie 🗌 Residential/Tax	Evennt				
U.S. State Gamples Taken.	urnaround Time (TA	T) Option				Exempt				
				Hour	🖬 1 Week	2 Wook				
*Analysis completi	ed in accordance with EMS		nd Conditions locate	d in the Pr		2 MGCK				
Matrix	Method		Instrume	nt	Reporting Limit	Check				
Chips 📋 % by wt. 🗌 mg/cm² 🗌 ppm	SW846-7000E	3	Flame Atomic Ab	sorption	0.01%					
Air	NIOSH 7082		Flame Atomic Ab	sorption	4 µg/filter					
	NIOSH 7105		Graphite Furna	ce AA	0.03 ug/filter					
	NIOSH 7300 mod	lified	ICP-AES/ICP	-MS	0.5 µg/filter					
Wipe* ASTM	SW846-7000E	3	Flame Atomic Ab	sorption	10 µg/wipe					
non ASTM	SW846-6010B o	rC	ICP-AES		1.0 µg/wipe					
Wipe is assumed	SW846-7000B/7	010	Graphite Furna	ce AA	0.075 µg/wipe					
TCLP	SW846-1311/7000B/S	M 3111B	Flame Atomic Ab	sorption	0.4 mg/L (ppm)					
	SW846-1131/SW846-6	010B or C	ICP-AES		0.1 mg/L (ppm)					
Soil	SW846-7000E	3	Flame Atomic Absorption		40 mg/kg (ppm)					
X	SW846-7010		Graphite Furnace AA		0.3 mg/kg (ppm)					
	SW846-6010B o	er C	ICP-AES		2 mg/kg (ppm)					
Wastewater Unpreserved	SM3111B/SW846-7000B		Flame Atomic Absorption		0.4 mg/L (ppm)					
Preserved with HNO ₃ pH < 2 \Box	EPA 200.9		ICP-AES		0.003 mg/L (ppm)	┝──╞╤╡╌╌┤				
Drinking Water Uppreserved	EPA 200.7		Crantula Europ	00 44	0.020 mg/L (ppm)	┝╼╼╞╤╡╾╌┨				
Preserved with HNO₂ pH < 2	EPA 200.9		ICP-MS		0.001 mg/L (ppm)	┝─╞╡─┨				
	40 CFR Part 5	0	ICP-AES		12 ug/filter	┝━┝╡				
TSP/SPM Filter	40 CFR Part 5	0	Graphite Furna	ce AA	3.6 µg/filter	┝╌╞╡╌╢				
Other:	ļ				E					
Name of Sampler: ChrisBurns		Signa	ture of Sample	r:						
Sample # Locat	on		Volume/Are	a	Date/Time S	ampled				
RP4471-LS01 SOIL - 4 PT COMPOSI	TE, NORTH SIDE									
RP4471-LS02 SOIL - 4 PT COMPOSI	FE, EAST SIDE	<u> </u>								
RP4471-LS03 SOIL - 4 PT COMPOSI	TE, SOUTH SIDE		· · · · · · _ · · _ = \cdots _ · _ · _ · _ · _ · _ · _ · _ · _ = \cdots _ · _ ·							
RP4471-LS04 SOIL - 4 PT COMPOSITE, WEST SIDE										
			· · · · · · · · · · · · · · · · · · ·							
Client Sample #'s			Tota	# of Sa	mples: 4					
Relinquished (Client):	Date:	02/	12/16	Time:	0735					
Received (Lab):	Olco Date:	Q	.13.16	Time:	10:40	2				

Page 1 of ____ pages

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.

Vista Environmental Consulting, 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:

 Phone:
 (510) 346-8860

 Fax:

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

 Analysis Date:
 02/20/2016

 Collected Date:

Project: FORA/161091001

2984 Teagarden St

San Leandro, CA 94577

Attention: CHRIS BURNS

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

			Non-Asbe	<u>Asbestos</u>		
Sample	Description Appearance % Fibrous % N		% Non-Fibrous	% Туре		
RP4472-AS01	Soil - 4 pt composite,	Brown	4% Cellulose	20% Quartz	None Detected	
	N side	Fibrous		10% Gypsum		
091602687-0001		Homogeneous		66% Non-fibrous (Other)		
Soil is a problem matrix. Or	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep			
RP4472-AS02	Soil - 4 pt composite,	Brown	2% Cellulose	20% Quartz	None Detected	
	E side	Non-Fibrous		15% Gypsum		
091602687-0002		Homogeneous		63% Non-fibrous (Other)		
Soil is a problem matrix. Or	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep			
RP4472-AS03	Soil - 4 pt composite,	Brown	4% Cellulose	15% Quartz	None Detected	
	S side	Fibrous		10% Gypsum		
091602687-0003		Homogeneous		71% Non-fibrous (Other)		
Soil is a problem matrix. Or	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep			
RP4472-AS04	Soil - 4 pt composite,	Brown		20% Quartz	None Detected	
	W side	Non-Fibrous		10% Gypsum		
091602687-0004		Homogeneous		70% Non-fibrous (Other)		
Soil is a problem matrix. Or	ther analytical options are recom	mended such as EPA 60	0 PLM/TEM with milling prep			

Analyst(s)

Jared Martin (4)

Aciplicher

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

IMS EMBL ANALYTICAL, INC.

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

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

09160268

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

Company : Vista Environmental Consulting, Inc.		EMSL-Bill to: X Same 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: C/		Province: CA	Zip/Postal Code: 94	US				
Report To (Name): Chris Burns			Telephone #: 510-346-8860					
Email Address: chrisburns@vista-env.com; molli@vista-env.com			MFax #: Purchase Order:					
Project Name/Numbe	er: FORA/1610910	01	Please Provide Resu	ilts: 🔲 Fax 🔣 Email				
U.S. State Samples T	aken: <u>CA</u>		CT Samples: 🗌 Com	nmercial/Taxable 🔲 Res	sidential/Tax Exempt			
		rnaround Time (TA	T) Options* – Please C	heck				
*For TEM Air 3 hr through	6 hr. please call ahead to	schedule *There is a prei	mium charme for 3 Hour TEM	AHERA or EPA Level II TAT	X 2 Week			
an authonzation fo	orm for this service Analy	sis completed in accorda	nce with EMSL's Terms and	Conditions located in the Anal	tical Price Guide.			
PCM - Air Check i	f samples are from NY	<u>TEM – Air</u> 🛛 4-	4.5hr TAT (AHERA only)					
		AHERA 40 C	FR, Part 763	🗋 Microvac - ASTM D 5755				
🔲 w/ OSHA 8hr. TW/	A	🔲 NIOSH 7402		🗍 Wipe - ASTM D6480				
PLM - Bulk (reporting	a limit)	EPA Level II		Carpet Sonication	Carpet Sonication (EPA 600/J-93/167)			
X PLM EPA 600/R-93	3/116 (<1%)	SO 10312		Soil/Rock/Vermicul	Soil/Rock/Vermiculite			
🗌 PLM EPA NOB (<1	%)	TEM - Bulk		PLM CARB 435 -	PLM CARB 435 - A (0.25% sensitivity)			
Point Count		TEM EPA NC)B	🗌 PLM CARB 435 -	PLM CARB 435 - B (0.1% sensitivity)			
400 (<0.25%) 🗌 10	000 (<0.1%)		8.4 (non-friable-NY)	TEM CARB 435 -	B (0.1% sensitivity)			
Point Count w/Gravime	etric	Chatfield SOF	5	TEM CARB 435 -	TEM CARB 435 - C (0.01% sensitivity)			
400 (<0.25%) 🗌 10	000 (<0.1%)	TEM Mass Ar	nalysis-EPA 600 sec. 2.	TEM Qual. via Filtration Technique				
NYS 198.1 (friable	in NY)	TEM - Water: E	PA 100.2	TEM Qual. via Drop-Mount Technique				
📋 NYS 198.6 NOB (r	non-friable-NY)	Fibers >10µm	Waste Drinking	Other:				
□ NIOSH 9002 (<1%))	All Fiber Sizes	Waste Drinking					
Check For Positiv	e Stop – Clearly Iden	ify Homogenous G	roup Filter Pore Size	e (Air Samples): 🗌 0.8	µm 🔲 0.45µm			
Samplers Name: Ct	nris Burns		Samplers Signatur	re:				
Sample #		Sample Descripti	on	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled			
RP4472-AS01	SOIL - 4 PT CC	MPOSITE, NO	RTH SIDE					
RP4472-AS02	SOIL - 4 PT CO	MPOSITE, EAS						
RP4472-AS03	SOIL - 4 PT COI	MPOSITE, SOU	TH SIDE					
RP4472-AS04	SOIL - 4 PT CO	OMPOSITE, WE	EST SIDE					
	16)						
Client Sample # (s): Total # of Samples: 4								
Relinquished (Client):								
Received (Lab):				Time	: 10:45 WI			
Comments/Special In	structions:	1	· · · · · ·					

Controlled Document - Asbestos COC - R6 - 4/11/2012

Page 1 of 1 pages

Page 1 Of 1



Attn:CHRIS BURNSPhone:(925) 254-3196Vista Environmental Consulting, Inc.Fax:02/13/16 10:45 AM2984 Teagarden StReceived:02/13/16 10:45 AMSan Leandro, CA 94577Collected:

Project: FORA/161091001

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

Client Sample Description	Lab ID	Collected	Analyzed	Lead Concentration
RP4472-LS01	091602646-000	1	2/17/2016	<42 mg/Kg
	Site: SOIL - 4 P	T COMPOSI	TE, NORTH SIDE	
RP4472-LS02	091602646-0002	2	2/17/2016	<45 mg/Kg
	Site: SOIL - 4 P	T COMPOSI	TE, EAST SIDE	
RP4472-LS03	091602646-0003	3	2/17/2016	<43 mg/Kg
	Site: SOIL - 4 PT COMPOSITE, SOUTH SIDE			
RP4472-LS04	091602646-0004	4	2/17/2016	<40 mg/Kg
	Site: SOIL - 4 PT	T COMPOSI	TE, WEST SIDE	

Chin Dijlieller

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 reproduced 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): O9160264

Į

PHONE:

Company Vista Environmental C	EMSL-Bill to: Different X Same 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/F	Province: CA	Zip/Postal Code: 94577 Country: USA							
Report To (Name): Chris Burns		Telephor	ne #: 510-3	346-886	50				
Email Address: chrisburns@vista-env.com	n, molli@vista-env.com	Fax #:				P	urchase Order	:	
Project Name/Number: FORA/161091001		Please P	rovide Res	ults:	FA	X	E-mail	Mail	
U.S. State Samples Taken: CA		CT Same	les: 🗆 Co	mmerc	ial/Taxat	ole 🗆 F	Residential/Tax	Exempt	
Τι	Irnaround Time (TA	T) Option	s* - Pleas	e Che	ck				
🗌 3 Hour 🛛 🗋 6 Hour 🗌 24	Hour 48 Hour	r 48 Hour 72 Hour			ur 🗌 96 Hour 🔳 1			2 Week	
*Analysis complete	*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide								
Matrix	Method		Instrument			Reporting Limit		Check	
Chips 🗌 % by wt. 🗌 mg/cm² 🗌 ppm	SW846-7000	3	Flame Atomic Absorption		0.01%				
Air	NIOSH 7082		Flame Atomic Absorption		4 µg/filter				
	NIOSH 7105		Graphit	e Furna	ce AA	0.0)3 µg/filter		
	NIOSH 7300 mod	lified	ICP-A	ES/ICP	-MS	0.	5 µg/filter		
Wipe* ASTM	SW846-7000	3	Flame Ato	omic Ab	sorption	10) µg/wipe		
non ASTM .	SW846-6010B or C		IC	CP-AES		1.0 µg/wìpe			
Wipe is assumed	SW846-7000B/7010		Graphite Furnace AA		0.075 µg/wipe				
TCLP	SW846-1311/7000B/SM 311		Flame Atomic Absorption		sorption	0.4 mg/L (ppm)			
	SW846-1131/SW846-6010B or C		ICP-AES		0.1 mg/L (ppm)				
Soil	SW846-7000B		Flame Atomic Absorption		40 mg/kg (ppm)		<u> </u>		
X	SW846-7010		_ Graphite Furnace AA		U.3 mg/kg (ppm) _		<u></u>		
	SW846-60108 or C		Elame Atomic Absorption		0.4 ma(1 (ppm))				
Wastewater Unpreserved	EPA 200.9	Graphite Furnace AA		0.003 mg/L (ppm)					
Preserved with HNO ₃ pH < 2 \Box	EPA 200.7		ICP-AES		0.020 mg/L (ppm)				
Drinking Water Unpreserved	EPA 200.9		Graphite Furnace AA		0.003 mg/L (ppm)				
Preserved with HNO ₃ pH < 2	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:	<u> </u>								
Name of Sampler: ChrisBurns		Signa	ture of Sa	ample	r:				
Sample # Locati	on		Volume/Area		Date/Time Sa		Sampled		
RP4472-LS01 SOIL - 4 PT COMPOSI	TE, NORTH SIDE								
RP4472-LS02 SOIL - 4 PT COMPOSIT	E, EAST SIDE								
RP4472-LS03 SOIL - 4 PT COMPOSI	1472-LS03 SOIL - 4 PT COMPOSITE, SOUTH SIDE								
RP4472-LS04 SOIL - 4 PT COMPOSI	-S04 SOIL - 4 PT COMPOSITE, WEST SIDE								
	7								
Client Sample #'s				Tota	# of Sa	mples	: 4		
Relinquished (Client):	Date:	02/12/1C0 Tin		Time:	0735				
Received (Lab):	Date:				Time:				
								-	

Page 1 of ____ pages