Khatri, Paresh, Env. Health

From: Sent:	Mehrdad Javaher [mehrdad@endpoint-inc.com] Friday, April 02, 2010 7:14 PM
То:	Chan, Barney, Env. Health
Cc:	Khatri, Paresh, Env. Health; TianaCJenkins@aol.com
Subject:	[Fwd: 2960 Castro Valley Blvd., Castro Valley, CA]
Attachments:	Alameda County Health letter 10-21-09.pdf; Laboratory Analytical Results-Castro Valley.pdf

Hi Barney-

As the consultant of record for the above-referenced (and for Mr.

Gabriel Chiu and his property manager, Ms. Tiana Jenkins), this email is in response to your most recent letter to Mr. Chiu dated March 26th, 2010. Your letter is related to IDW disposal at the above referenced site, wherein you refer to a lack of response on Mr. Chiu's part to your original letter dated October 21, 2009, requesting information regarding a 5-gallon bucket of IDW soil from a recent investigation at the site.

However, on Mr. Chiu's behalf, we did respond to your October 21, 2009 letter via the November 4, 2009 email forwarded below. As indicated in that email response, which also included Mr. Paresh Khatri, the case officer for this site, we provided information related to the disposal of the 5-gallon bucket of soil, including providing the soil analytical results used to profile the soil as non-hazardous waste (see attached lab report which was included in our November 4th, email response). In short, the soil analytical results yielded non-detect values for VOCs and non-hazardous levels of lead, resulting in a corresponding disposal by our contractor, Asbury Environmental. Please also note that the November 4th, 2009 email concluded with a note asking you to notify us if any additional information is required, to which we did not receive any response.

As an aside, I also noticed that in your most recent letter of March 26th, 2010, you now refer to two 5-gallon buckets of soil IDW; yet, in your original October 21, 2009 letter, you refer to a single 5-gallon bucket of IDW soil. Indeed, we only generated and disposed of one (1) 5-gallon bucket of IDW soils, generated from drilling of a single shallow boring. Worth noting is that both the soil and grab groundwater samples form this boring were non-detect for VOCs.

With the above information in mind, please let me know if you need any additional information regarding the disposal of the single 5-gallon bucket of non-hazardous IDW soils at the site.

Thank you.

Regards,

Mehrdad Javaher, Ph.D(c), MPH, NIH Endpoint Consulting, Inc. 98 Battery Street, Suite 200 San Francisco, CA 94010 415-706-8935

------ Original Message ------Subject: 2960 Castro Valley Blvd., Castro Valley, CA Date: Wed, 04 Nov 2009 15:12:29 -0800 From: Mehrdad Javaher <mehrdad@endpoint-inc.com> To: Khatri, Paresh, Env. Health <paresh.khatri@acgov.org> CC: barney.chan@acgov.org, TianaCJenkins@aol.com Hi Paresh (and Barney)-

Please find attached a letter from Barney Chan of the ACDEH, on which you were cc'd, regarding the status of a five-gallon container of investigation-derived soils from our recent soil vapor (6 shallow probes) and grab groundwater (one soil boring) investigation at the subject site, the results of which were recently submitted to you. The letter refers to the status of the 5-gallon container, as it has since been removed from the site.

In response to Barney's inquiry, please also find attached laboratory analytical results which confirm that the soils in the container were non-hazardous (see sample results for Sample ID CompS1 on Pages 4 and 10 of the attached lab reports). Accordingly, we have contracted Asbury Environmental, whom has since removed the container from the site.

Please let me know if you or Barney need any additional information.

Thank you both.

Regards, Mehrdad

ALAMEDA COUNTY HEALTH CARE SERVICES



DAVID J. KEARS, Agency Director

AGENCY

October 21, 2009

Mr. Gabriel Chiu 10898 Inspiration Court Dublin, CA 94568 ENVIRONMENTAL HEALTH SERVICES ENVIRONMENTAL PROTECTION 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577 (510) 567-6700, FAX (510) 337-9335

Facility: Adobe Shopping Center, 2960 Castro Valley Blvd., Castro Valley, CA 94546

Dear Mr.Chiu:

NOTICE TO COMPLY

On October 16, 2009, the referenced property, received a regulatory inspection by Alameda County Department of Environmental Health (ACDEH). At that time, a plastic five (5) gallon container of unknown contents was observed on the property outside the western dumpster area. The inspector sampled the contents and determined that the content was likely a solvent based stain or preservative and therefore, a hazardous waste. The container was placed inside the dumpster area and Ms. Tiana Jenkins, your property manager, was contacted. She was informed that this container should be properly disposed and its disposal documented. The container was observed to be gone from the dumpster area on October 19, 2009. In addition, another 5 gallon plastic container was found inside the same dumpster area. The container was labeled "Cairox, Potassium Permanganate" on the side and "HOLD-DO NOT PUT IN DUMPSTER 10-9-09 2966 Castro Valley Blvd. ENDPOINT CONSULTING Soil - GW-1 415 7068935" on the top. It appears this container may contain material from an investigation in this same general area of the storm drain and dumpster. Please be aware that this container is improperly labeled and could be mistaken as hazardous waste. You, as the property owner, are responsible for the characterization and disposal of the drums and contents. The following violation requires your immediate attention.

1. Title 22 CCR 66262.11, requires a person who generates waste to determine if a waste is hazardous waste and to then handle it appropriately.

Corrective Action: The contents of the containers must be determined, the containers must be properly labeled and if hazardous waste, the container(s) must be disposed of properly. Please provide our office documentation as to the contents and disposition of the containers within 30 days of this letter.

Currently, our records indicate that you have not demonstrated to us that the required corrective action has been satisfactorily completed. Be advised that failure to complete the listed corrective action and/or submit evidence of such to ACDEH may result in a re-inspection of your facility or potential enforcement.

Mr. Gabriel Chiu Re: Adobe Shopping Center, Castro Valley October 20, 2009 Page 2 of 2

You must provide appropriate evidence documenting that the noted corrections have been completed **within 30 calendar days of the date of this letter**. This information should be sent to the undersigned.

If you have already provided the requested evidence or have additional questions regarding your inspection or compliance requirement, please contact me at 510-567-6765.

Sincerely,

Baves mele

Barney M. Chan Sr. Hazardous Materials Specialist

cc: files

S. Hugo, ACDEH, Manager Ms. Tiana Jenkins, Marquis Properties, 12988 Hawkins Dr., San Ramon, CA 94583 P. Khatri, ACDEH, HMS S. Seery, B. Chan, Sr. HMS

McCampbell A		1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269							
Endpoint	Client Project ID: 2960 Ca	asro Valley	Date Sampled:	10/05/09					
98 Battery Street, Suite 200			Date Received:	10/05/09					
San Francisco, CA 94111	Client Contact: Mehrdad	Javaher	Date Reported:	10/09/09					
	Client P.O.:		Date Completed:	10/09/09					

WorkOrder: 0910092

October 09, 2009

Dear Mehrdad:

Enclosed within are:

- 1) The results of the **1** analyzed sample from your project: **2960 Casro Valley**,
- 2) A QC report for the above sample,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

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Prepared by: Ana Venegas

Comments: 007 added for TTLC Pb 10/6/09 5d per email

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.

	CCampbell Analyti "When Ouality Counts"	ical, Inc.		Web: www	w.mccamp	Pass Road, Pittsburg, CA bell.com E-mail: main 377-252-9262 Fax: 925	@mccampbel		
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*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

TOTAL = acid digestion.

WET = Waste Extraction Test (STLC). DI WET = Waste Extraction Test using de-ionized water.

DHS ELAP Certification 1644



Angela Rydelius, Lab Manager



<u>McCampbell Analytical, Inc.</u>

"When Ouality Counts"

RPD

20

20

QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0910092 EPA Method 6020A Extraction SW3050B BatchID: 46260 Spiked Sample ID: 0910092-007A MSD MS-MSD LCSD LCS-LCSD Sample Spiked MS Spiked 1 CS Acceptance Criteria (%) Analyte MS / MSD RPD LCS/LCSD % Rec. % Rec. % RPD % Rec. % Rec. % RPD mg/Kg mg/Kg mg/Kg 99.8 Lead 54 50 NR NR NR 10 107 7.09 75 - 125 20 75 - 125 104 %SS: 250 84 86 2.41 250 111 118 6.64 70 - 130 20 70 - 130 All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

BATCH 46260 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0910092-007A	10/05/09 12:29 PM	10/06/09	10/07/09 5:56 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

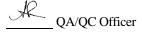
% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644



McCampbell An "When Quality		Web: www.mc	ow Pass Road, Pittsburg, campbell.com E-mail: m one: 877-252-9262 Fax:	ain@mccampbell.com
Endpoint	Client Project ID: 2960 Ca	asro Valley	Date Sampled:	10/05/09
98 Battery Street, Suite 200			Date Received:	10/05/09
San Francisco, CA 94111	Client Contact: Mehrdad	Javaher	Date Reported:	10/09/09
	Client P.O.:		Date Completed:	10/09/09

WorkOrder: 0910092

October 09, 2009

Dear Mehrdad:

Enclosed within are:

- 1) The results of the 7 analyzed samples from your project: **2960 Casro Valley**,
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

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McCampbell Analytical, Inc.

1534 Willow Pass Rd Pittsburg, CA 94565-1701

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

(925) 252-92	262					Work	Order:	09100)92	C	lient	Code: EP	В				
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0910092-003	SS-2		Soil Vapor	10/5/2009 9:56					А								
0910092-004	SV1		Soil Vapor	10/5/2009 11:16					А								
0910092-005	SV3		Soil Vapor	10/5/2009 10:49					А								
0910092-006	SV4		Soil Vapor	10/5/2009 12:38					А								

10/5/2009 12:29

Test Legend:

0910092-007

1 8010BMS_S	2 8010BMS_W
6	7
11	12

8010BMS_W	;
	:

Soil

3	PREDF REPORT
8	

А

4	TO15-8010_SOIL(UG/M3)
9	

5	
10	

The following SampIDs: 002A, 003A, 004A, 005A, 006A contain testgroup.

CompS1

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.

Prepared by: Ana Venegas



McCampbell Analytical, Inc.

"When Ouality Counts"

Sample Receipt Checklist

Client Name:	Endpoint					Date a	and Time Received:	10/5/2009	5:15:07 PM
Project Name:	2960 Casro Valle	у				Check	dist completed and re	eviewed by:	Ana Venegas
WorkOrder N°:	0910092	Matrix	Soil/Soil Vap	oor/Wate	<u>er</u>	Carrie	r: <u>Derik Cartan (N</u>	Al Courier)	
			<u>Chain</u>	of Cu	stody (C	OC) Informa	ation		
Chain of custody	present?			Yes		No 🗆			
Chain of custody	signed when relinqui	shed and	d received?	Yes	✓	No 🗆			
Chain of custody	agrees with sample I	abels?		Yes		No 🗌			
Sample IDs noted	by Client on COC?			Yes	✓	No 🗆			
Date and Time of	collection noted by Cli	ient on Co	OC?	Yes		No 🗆			
Sampler's name r	noted on COC?			Yes		No 🗆			
			<u>S</u>	ample	Receipt	Information	<u>l</u>		
Custody seals int	tact on shipping conta	iner/cool	er?	Yes		No 🗆		NA 🗹	
Shipping containe	er/cooler in good cond	lition?		Yes	✓	No 🗆			
Samples in prope	er containers/bottles?			Yes	✓	No 🗆			
Sample containe	rs intact?			Yes	✓	No 🗆			
Sufficient sample	volume for indicated	test?		Yes		No 🗌			
		<u>Sa</u>	mple Prese	rvatior	and Ho	ld Time (HT) Information		
All samples recei	ived within holding tim	e?		Yes		No 🗌			
Container/Temp E	Blank temperature			Coole	r Temp:	1.6°C		NA 🗆	
Water - VOA vial	ls have zero headspa	ce / no b	ubbles?	Yes	✓	No 🗆	No VOA vials subm	itted	
Sample labels ch	necked for correct pres	servation	1?	Yes	✓	No 🗌			
Metal - pH accept	table upon receipt (pH	l<2)?		Yes		No 🗆		NA 🗹	
Samples Receive	ed on Ice?			Yes	✓	No 🗆			
			(Ісе Тур	e: WE	TICE)			
* NOTE: If the "N	No" box is checked, se	e comm	ents below.						

Client contacted:

Date contacted:

Contacted by:

Comments:

McCampbell Ar		cal, In	<u>C.</u>		Web: www.mccam	Pass Road, Pittsburg, CA pbell.com E-mail: main 877-252-9262 Fax: 92:	@mccampbell.c	com
Endpoint		Client Pr	oject ID:	2960 C	asro Valley	Date Sampled:	10/05/09	
						Date Received:	10/05/09	
98 Battery Street, Suite 200	ľ	Client C	ontact: M	ehrdad	Javaher	Date Extracted:	10/05/09	
San Francisco, CA 94111	-	Client P.	0.:			Date Analyzed	10/07/09	
Halogenated	Volatil	e Organi	cs by P&T	' and G	C-MS (8010 Ba	sic Target List)*		
Extraction Method: SW5030B		-	lytical Method			8 • • • •	Work Order:	0910092
Lab ID	091009	92-007A						
Client ID	Cor	npS1					- Reporting	Limit for $F = 1$
		9				_		-1
Matrix		S				_	s	W
DF		1						
Compound			-	Conce	entration		mg/kg	μg/L
Bromodichloromethane	1	١D					0.005	NA
Bromoform		ND					0.005	NA
Bromomethane		ND					0.005	NA
Carbon Tetrachloride		ND					0.005	NA
Chlorobenzene		ND VD					0.005	NA
Chloroethane		<u>ND</u>					0.005	NA NA
Chloroform Chloromethane		ND ND					0.005	NA
Dibromochloromethane		ND ND					0.005	NA
1,2-Dibromoethane (EDB)		ND ND					0.003	NA
1,2-Dichlorobenzene		ND					0.005	NA
1,3-Dichlorobenzene		ND					0.005	NA
1,4-Dichlorobenzene	1	ND					0.005	NA
Dichlorodifluoromethane	1	ND					0.005	NA
1,1-Dichloroethane	1	ND					0.005	NA
1,2-Dichloroethane (1,2-DCA)		ND					0.004	NA
1,1-Dichloroethene		ND					0.005	NA
cis-1,2-Dichloroethene		ND ID					0.005	NA
trans-1,2-Dichloroethene		ND ID					0.005	NA
1,2-Dichloropropane cis-1,3-Dichloropropene		ND ND					0.005	NA NA
trans-1.3-Dichloropropene		ND ND					0.005	NA
Freon 113		ND ND					0.005	NA
Methylene chloride		ND					0.005	NA
1,1,1,2-Tetrachloroethane		ND					0.005	NA
1,1,2,2-Tetrachloroethane		ND					0.005	NA
Tetrachloroethene	١	ND					0.005	NA
1,1,1-Trichloroethane	1	ND					0.005	NA
1,1,2-Trichloroethane	1	٧D					0.005	NA
Trichloroethene		١D					0.005	NA
Trichlorofluoromethane		ND					0.005	NA
Vinyl Chloride	ſ	ND					0.005	NA
l		Su	rrogate Re	coverie	s (%)	-		
%SS1:		86						
%SS2:	1	12						
%SS3:	1	.02						
Comments								
* water and vapor samples are reported in extracts are reported in mg/L, wipe sampl ND means not detected above the reporti	es in µg/v	wipe.					es and all TC	LP & SPLP

McCampbell Ana "When Ouality C		<u>c.</u>	Web: www.mccam	Pass Road, Pittsburg, CA obell.com E-mail: main 877-252-9262 Fax: 92:	@mccampbell.c	om
Endpoint	Client Pr	oject ID:	2960 Casro Valley	Date Sampled:	10/05/09	
_				Date Received:	10/05/09	
98 Battery Street, Suite 200	Client C	ontact: M	lehrdad Javaher	Date Extracted:	10/07/09	
San Francisco, CA 94111	Client P.	0.:		Date Analyzed	10/07/09	
Halogenated	Volatile Organi	rs hv P&T	and GC-MS (8010 Ba	sic Target List)*		
Extraction Method: SW5030B	-	ytical Method		Sie Turger List)	Work Order:	0910092
Lab ID	0910092-001A					T T T T T T T T T T
Client ID	GW-1				Reporting DF	
Matrix	W				s	W
DF	1					
Compound			Concentration		µg/kg	μg/L
Bromodichloromethane	ND				NA	0.5
Bromoform	ND				NA	0.5
Bromomethane Carbon Tetrachloride	ND ND				NA NA	0.5
Chlorobenzene	ND				NA	0.5
Chloroethane	ND				NA	0.5
Chloroform	ND				NA	0.5
Chloromethane	ND				NA	0.5
Dibromochloromethane	ND				NA	0.5
1,2-Dibromoethane (EDB)	ND				NA	0.5
1,2-Dichlorobenzene	ND				NA	0.5
1,3-Dichlorobenzene	ND				NA	0.5
1,4-Dichlorobenzene Dichlorodifluoromethane	ND ND				NA NA	0.5
1,1-Dichloroethane	ND				NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND				NA	0.5
1,1-Dichloroethene	ND				NA	0.5
cis-1,2-Dichloroethene	ND				NA	0.5
trans-1,2-Dichloroethene	ND				NA	0.5
1,2-Dichloropropane	ND				NA	0.5
cis-1,3-Dichloropropene	ND				NA	0.5
trans-1,3-Dichloropropene Freon 113	ND ND				NA NA	0.5
Methylene chloride	ND				NA	0.5
1,1,1,2-Tetrachloroethane	ND				NA	0.5
1,1,2,2-Tetrachloroethane	ND				NA	0.5
Tetrachloroethene	ND				NA	0.5
1,1,1-Trichloroethane	ND				NA	0.5
1,1,2-Trichloroethane	ND				NA	0.5
Trichloroethene Trichlorofluoromethane	ND ND				NA	0.5
Vinyl Chloride	ND ND				NA NA	0.5
		nnogoto De	ecoveries (%)		1111	0.5
%SS1:	91	II Ogate K				
%SS2:	100					
%SS3:	99					
Comments	b1					
* water and vapor samples are reported in μ extracts are reported in mg/L, wipe samples ND means not detected above the reporting	s in µg/wipe.				s and all TCI	LP & SPLP
# surrogate diluted out of range or surrogat	e coelutes with an	other peak.				

b1) aqueous sample that contains greater than ~1 vol. % sediment

McCampbell An		i, mc.		Web: www.mccamp	ass Road, Pittsburg, CA bell.com E-mail: mail	n@mccampbell.co	om	
"When Ouality		i ant Duala at I	2000.0		77-252-9262 Fax: 92			
Endpoint		ient Project II	J: 2900 C	asio valley	Date Sampled:	10/05/09		
98 Battery Street, Suite 200					Date Received:	10/05/09		
•	C	ient Contact:	Mehrdad	Javaher	Date Extracted:	10/08/09		
San Francisco, CA 94111	Cl	ient P.O.:			Date Analyzed	10/08/09		
	Halogenat	ed Volatile C	Organic Co	mpounds in µg/1	n ^{3*}			
Extraction Method: TO15		Analytical M	ethod: TO15			Work Order:	0910092	
Lab ID	0910092-0	002A 0910	092-003A	0910092-004A	0910092-005A			
Client ID	SS-1		SS-2	SV1	SV3	Reporting	Limit fo	
						DF	=1	
Matrix	Soil Va	por So	il Vapor	Soil Vapor	Soil Vapor			
DF	1		1	1	1			
Initial Pressure (psia)	13.82	2	14.88	13.98	14.77	Soil Vapor	W	
Final Pressure (psia)	27.54		29.68	27.9	29.48			
Compound		•	Conce	ntration		μg/m³	ug/L	
Bromodichloromethane	ND		ND	ND	ND	14		
Bromoform	ND		ND	ND ND	ND ND	21	NA NA	
Bromomethane	ND		ND	ND	ND	7.9	NA	
Carbon Tetrachloride	ND		ND	ND	ND	13	NA	
Chlorobenzene	ND		ND	ND	ND	9.4	NA	
Chloroethane	ND		ND	ND	ND	5.4	NA	
Chloroform	ND		ND	ND	ND	9.9	NA	
Chloromethane	ND		ND ND	ND ND	ND	4.2	NA NA	
Dibromochloromethane 1,2-Dibromoethane (EDB)	ND ND		ND ND	ND ND	ND ND	17	NA NA	
1,2-Dichlorobenzene	ND		ND	ND	ND	12	NA	
1,3-Dichlorobenzene	ND		ND	ND	ND	12	NA	
1,4-Dichlorobenzene	ND		ND	ND	ND	12	NA	
Dichlorodifluoromethane	ND		ND	ND	ND	10	NA	
1.1-Dichloroethane	ND		ND	ND	ND	8.2	NA	
1.2-Dichloroethane (1.2-DCA)	ND		ND	ND	ND	8.2	NA	
1.1-Dichloroethene cis-1.2-Dichloroethene	ND ND		ND ND	ND 21	ND ND	8.1	NA NA	
trans-1.2-Dichloroethene	ND ND		ND	ND 21	ND	8.1	NA NA	
1.2-Dichloropropane	ND		ND	ND	ND	9.4	NA	
cis-1.3-Dichloropropene	ND		ND	ND	ND	9.2	NA	
trans-1.3-Dichloropropene	ND		ND	ND	ND	9.2	NA	
1.2-Dichloro-1.1.2.2-tetrafluoroethane	ND		ND	ND	ND	14	NA	
Freon 113	ND		ND	ND	ND	16	NA	
Methvlene chloride	ND ND		ND ND	ND ND	ND ND	7.1	NA NA	
1.1.2.2-Tetrachloroethane	ND ND		ND ND	ND ND	ND	14	NA NA	
Tetrachloroethene	90	00	1500	3000	1200	14	NA	
1.2.4-Trichlorobenzene	ND		ND	ND	ND	15	NA	
1.1.1-Trichloroethane	ND		ND	ND	ND	11	NA	
1.1.2-Trichloroethane	ND		ND	ND	ND	11	NA	
<u>Crichloroethene</u>	ND		ND	800	ND	11	NA	
Trichlorofluoromethane	ND		ND	ND	ND	11	NA	
/invl Chloride	ND	Surrogate l	ND Recoveries	ND (%)	ND	5.2	NA	
%SS1:	96	gut0 1	97	99	99			
%SS2:	101		102	105	104		·	
%\$\$ <u>5</u> %\$\$\$3:	101		110	105	107			
Comments								

McCampbell An "When Ouality		cal, In	C. 1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269							
Endpoint		Client Pr	oject ID:	2960 C	asro Valley	Date Sampled:	10/05/09			
-					2	Date Received:	10/05/09			
98 Battery Street, Suite 200		Client C	ontact: M	ehrdad	Javaher	Date Extracted:	10/08/09			
San Francisco, CA 94111		Client P.	0.:			Date Analyzed	10/08/09			
	Haloge	nated Vo	latile Oros	nic Co	mpounds in µg/	/m ³ *				
Extraction Method: TO15	110050		lytical Method		mpounds in µg		Work Order:	0910092		
Lab ID	09100	92-006A								
Client ID		SV4					Reporting	Limit for		
							DF	=1		
Matrix	Soil	Vapor				_				
DF		1					Soil Vapor	W		
Initial Pressure (psia)		4.9					-			
Final Pressure (psia)	2	9.75		Cone	 entration			ng/I		
Compound			1	Conce		-	µg/m³	ug/L		
Bromodichloromethane Bromoform		ND ND					14 21	NA NA		
Bromomethane		ND ND					7.9	NA		
Carbon Tetrachloride		ND					13	NA		
Chlorobenzene		ND					9.4	NA		
Chloroethane		ND					5.4	NA		
Chloroform Chloromethane		ND ND					9.9 4.2	NA NA		
Dibromochloromethane		ND					4.2	NA		
1,2-Dibromoethane (EDB)		ND					16	NA		
1,2-Dichlorobenzene		ND					12	NA		
1,3-Dichlorobenzene		ND					12	NA		
1,4-Dichlorobenzene		ND					12	NA		
Dichlorodifluoromethane 1.1-Dichloroethane		ND ND					10 8.2	NA NA		
1.2-Dichloroethane (1.2-DCA)		ND					8.2	NA		
1.1-Dichloroethene		ND					8.1	NA		
cis-1.2-Dichloroethene		ND					8.1	NA		
trans-1.2-Dichloroethene		ND					8.1	NA		
1.2-Dichloropropane		ND					9.4	NA		
cis-1.3-Dichloropropene trans-1.3-Dichloropropene		ND ND					9.2 9.2	NA NA		
1.2-Dichloro-1.1.2.2-tetrafluoroethane		ND					14	NA		
Freon 113		ND					16	NA		
Methvlene chloride		ND				_	7.1	NA		
1.1.1.2-Tetrachloroethane		ND					14	NA		
1.1.2.2-Tetrachloroethane		ND					14	NA		
Tetrachloroethene 1.2.4-Trichlorobenzene		110 ND					14 15	NA NA		
1.1.1-Trichloroethane		ND					11	NA		
1.1.2-Trichloroethane		ND					11	NA		
Trichloroethene		ND					11	NA		
Trichlorofluoromethane		ND					11	NA		
Vinvl Chloride		ND Sum	agate Do-	vories	(94)		5.2	NA		
0/ SS1.			ogate Reco	overies	(70)		1			
%SS1: %SS2:		<u>98</u> 102	-				+			
%\$\$32. %\$\$33:		102	1							
Comments										
*vapor samples are reported in µg/m ³ .							<u>-</u>			

McCampbell An "When Ouality					cell.com E-mail: mair 77-252-9262 Fax: 92		m	
Endpoint		nt Project ID:	2060 C		Date Sampled:	10/05/09		
Shaponit	Cher	ii Floject ID.	2900 C	asio vancy				
98 Battery Street, Suite 200		nt Contact: N	10/05/09					
-		10/08/09						
San Francisco, CA 94111	Clier	nt P.O.:			Date Analyzed	10/08/09		
	Halogenated	l Volatile Org	anic Co	mpounds in nL/	[*			
Extraction Method: TO15		Work Order:	0910092					
Lab ID			2-003A	0910092-004A	0910092-005A			
Client ID	SS-1 SS-		-2	SV1	SV3	Reporting	Limit fo	
						DF	=1	
Matrix	Soil Vapor	soil V	apor	Soil Vapor	Soil Vapor	4		
DF	1	1		1	1	0.1117	33.7	
Initial Pressure (psia)	13.82	14.8	38	13.98	14.77	Soil Vapor	W	
Final Pressure (psia)	27.54	27.54 29.68		27.9	29.48			
Compound			Conce	ntration		nL/L	ug/L	
Bromodichloromethane	ND	NI)	ND	ND	2.0	NA	
Bromoform	ND	NI		ND	ND	2.0	NA	
Bromomethane	ND	NI		ND	ND	2.0	NA	
Carbon Tetrachloride	ND	NI		ND	ND	2.0	NA	
Chlorobenzene	ND	NI		ND	ND	2.0	NA	
Chloroethane	ND	NI		ND	ND	2.0	NA	
Chloroform	ND	NI		ND	ND	2.0	NA	
Chloromethane Dibromochloromethane	ND ND	NI NI		ND ND	ND ND	2.0	NA NA	
1,2-Dibromoethane (EDB)	ND ND	NI		ND	ND	2.0	NA	
.2-Dichlorobenzene	ND	NI		ND	ND	2.0	NA	
1,3-Dichlorobenzene		ND ND ND ND ND ND		ND	ND	2.0	NA	
,4-Dichlorobenzene					ND	2.0	NA	
Dichlorodifluoromethane	ND	NI)		ND	2.0	NA	
.1-Dichloroethane	ND	NI)	ND	ND	2.0	NA	
.2-Dichloroethane (1.2-DCA)	ND	NI		ND	ND	2.0	NA	
.1-Dichloroethene	ND	NI		ND	ND	2.0	NA	
cis-1.2-Dichloroethene	ND	NI		5.3	ND	2.0	NA	
rans-1.2-Dichloroethene I.2-Dichloropropane	ND ND	NI NI		ND ND	ND ND	2.0	<u>NA</u> NA	
cis-1.3-Dichloropropene	ND	NI		ND	ND	2.0	NA	
rans-1.3-Dichloropropene	ND	NI		ND	ND	2.0	NA	
.2-Dichloro-1.1.2.2-tetrafluoroethane	ND	NI)	ND	ND	2.0	NA	
Freon 113	ND	NI)	ND	ND	2.0	NA	
Methvlene chloride	ND	NI		ND	ND	2.0	NA	
.1.1.2-Tetrachloroethane	ND	NI		ND	ND	2.0	NA	
1.1.2.2-Tetrachloroethane	ND	NI		ND	ND	2.0	NA	
Tetrachloroethene 1.2.4-Trichlorobenzene	130 ND	NI	220	430 ND	180 ND	2.0	NA NA	
1.1.1-Trichloroethane	ND ND	NI		ND ND	ND ND	2.0	NA NA	
1.1.2-Trichloroethane	ND ND	NI NI		ND	ND ND	2.0	NA	
Frichloroethene	ND	NI		150	ND	2.0	NA	
Frichlorofluoromethane	ND	NI		ND	ND	2.0	NA	
Vinvl Chloride	ND	NI		ND	ND	2.0	NA	
		Surrogate Rec	overies	(%)	1			
%SS1:	96	97		99	99			
%SS2:	101	10		105	104	-		
%SS3:	103			107	107			

McCampbell An		cal, In	<u>c.</u>		Web: www.mccamp	Pass Road, Pittsburg, CA obell.com E-mail: main 877-252-9262 Fax: 92:		om
Endpoint		Client Pr	oject ID:	2960 C	asro Valley	Date Sampled:	10/05/09	
-					·	Date Received:	10/05/09	
98 Battery Street, Suite 200		Client C	ontact: M	ehrdad	Javaher	Date Extracted:	10/08/09	
San Francisco, CA 94111		Client P.	0.:			Date Analyzed	10/08/09	
	Halog	enated Vo	latile Org	anic Co	ompounds in nL/	/[.*		
Extraction Method: TO15	110105		lytical Method		mpounds in ind/	L	Work Order:	0910092
Lab ID	09100	92-006A						
Client ID	:	SV4					Reporting DF	
Matrix	Soil	Vapor						
DF		1					0.111	337
Initial Pressure (psia)		4.9					Soil Vapor	W
Final Pressure (psia)	2	9.75						
Compound				Conce	entration		nL/L	ug/L
Bromodichloromethane		ND					2.0	NA
Bromoform		ND	-				2.0	NA
Bromomethane Carbon Tetrachloride		ND ND					2.0	NA NA
Chlorobenzene		ND					2.0	NA
Chloroethane		ND					2.0	NA
Chloroform		ND					2.0	NA
Chloromethane		ND					2.0	NA
Dibromochloromethane		ND					2.0	NA
1,2-Dibromoethane (EDB) 1,2-Dichlorobenzene		ND ND					2.0	NA NA
1,3-Dichlorobenzene		ND					2.0	NA
1,4-Dichlorobenzene		ND					2.0	NA
Dichlorodifluoromethane		ND					2.0	NA
1.1-Dichloroethane		ND					2.0	NA
1.2-Dichloroethane (1.2-DCA)		ND					2.0	NA
1.1-Dichloroethene cis-1.2-Dichloroethene		ND ND					2.0	NA NA
trans-1.2-Dichloroethene		ND					2.0	NA
1.2-Dichloropropane		ND					2.0	NA
cis-1.3-Dichloropropene		ND					2.0	NA
trans-1.3-Dichloropropene		ND					2.0	NA
1.2-Dichloro-1.1.2.2-tetrafluoroethane		ND					2.0	NA
Freon 113 Methylene chloride		ND ND					2.0 2.0	NA NA
1.1.1.2-Tetrachloroethane		ND					2.0	NA
1.1.2.2-Tetrachloroethane		ND					2.0	NA
Tetrachloroethene		16					2.0	NA
1.2.4-Trichlorobenzene		ND					2.0	NA
1.1.1-Trichloroethane		ND					2.0	NA
1.1.2-Trichloroethane		ND					2.0	NA
Trichloroethene Trichlorofluoromethane		ND ND					2.0	NA NA
Vinyl Chloride		ND					2.0	NA
		Suri	ogate Reco	overies	(%)			
%SS1:		98						
%SS2:		102	<u> </u>				+	
<u>%SS3:</u>		106	<u> </u>		 		<u> </u>	
Comments							<u> </u>	
*vapor samples are reported in nL/L.								

	McCampbell A		<u>nc.</u>	Web: ww	4 Willow Pass Road, Pittsburg, CA 9. w.mccampbell.com E-mail: main@ elephone: 877-252-9262 Fax: 925-2	mccampbell.com				
Endpo	bint	Client I	Project ID: 2	960 Casro Valle	ey Date Sampled:	10/05/09				
98 Bat	tery Street, Suite 200				Date Received:	10/05/09				
		Client	Contact: Me	hrdad Javaher	Date Extracted:	10/08/09				
San Fr	ancisco, CA 94111	Client I	P.O.:		Date Analyzed:	Date Analyzed: 10/08/09				
			Leak C	heck Compour	nd*					
Extractio	on method: TO15		Analy	tical methods: TO	15	Wor	c Order: 0	910092		
Lab ID	Client ID	Matrix	Initial Pressure	Final Pressure	Isopropyl Alcohol	DF	% SS	Comments		
002A	SS-1	Soil Vapor	13.82	27.54	ND	1	N/A			
003A	SS-2	Soil Vapor	14.88	29.68	ND	1	N/A			
004A	SV1	Soil Vapor	13.98	27.9	ND	1	N/A			
005A	SV3	Soil Vapor	14.77	29.48	ND	1	N/A			
006A	SV4	Soil Vapor	14.9	29.75	ND	1	N/A			
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							_			
							_			

Reporting Limit for DF =1;	W	psia	psia	NA	NA
ND means not detected at or above the reporting limit	Soil Vapor	psia	psia	10	μg/L

* leak check compound is reported in µg/L. The IPA reference is DTSC, Advisory-Active Soil Gas Investigations, January 28, 2003, page 10, section 2.4.2:

"Tracer compounds, such as ...isopropanol..., may be used as leak check compounds, if a detection limit of 10 ug/L or less can be achieved." This implies that 10 μ g/L is the cut off definition for a leak, which equals 10,000 μ g/m³.

The other low IPA hits may be due to extremely small leaks or may be naturally occuring in soil gas, particularly at biologically active sites.

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil		QC Matrix: Soil					Batch	ID: 46185	WorkOrder 0910092					
EPA Method SW8260B	Extra	ction SW	5030B					Spiked Sample ID: 0910020-0						
Analyte	Sample	ample Spiked MS MSD				LCS	LCS LCSD	LCS-LCSD	Acce	eptance Criteria (%)				
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD		
Chlorobenzene	ND	0.050	113	93.9	18.2	104	86.2	18.3	60 - 130	30	60 - 130	30		
1,2-Dibromoethane (EDB)	ND	0.050	95	82.6	14.0	89.1	74.8	17.4	60 - 130	30	60 - 130	30		
1,2-Dichloroethane (1,2-DCA)	ND	0.050	118	101	15.5	99.9	84.5	16.7	60 - 130	30	60 - 130	30		
1,1-Dichloroethene	ND	0.050	129	110	15.9	109	92.5	16.1	60 - 130	30	60 - 130	30		
Trichloroethene	ND	0.050	130	108	18.5	114	94.2	19.2	60 - 130	30	60 - 130	30		
%SS1:	106	0.12	71	72	0.496	71	72	1.83	70 - 130	30	70 - 130	30		
%SS2:	102	0.12	94	94	0	95	95	0	70 - 130	30	70 - 130	30		
%SS3:	113	0.012	87	89	3.03	87	86	1.02	70 - 130	30	70 - 130	30		
%SS3: All target compounds in the Method NONE										30	70 - 130	3(

BATCH 46185 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0910092-007A	10/05/09 12:29 PM	10/05/09	10/07/09 3:59 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

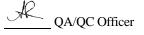
% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and freon 113 may occasionally appear in the method blank at low levels.





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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water	QC Matrix: Water					Batch	ID: 46224	WorkOrder 0910092					
EPA Method SW8260B	Extra	action SW5030B						Spiked Sample ID: 0910055-010A					
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)		
, and you	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD	
Chlorobenzene	ND	10	101	97.7	3.25	87.1	87	0.0796	70 - 130	30	70 - 130	30	
1,2-Dibromoethane (EDB)	ND	10	101	105	3.67	99.3	102	2.59	70 - 130	30	70 - 130	30	
1,2-Dichloroethane (1,2-DCA)	ND	10	95.4	98.6	3.33	109	115	4.77	70 - 130	30	70 - 130	30	
1,1-Dichloroethene	ND	10	111	105	6.24	106	106	0	70 - 130	30	70 - 130	30	
Trichloroethene	ND	10	114	112	1.42	101	105	3.65	70 - 130	30	70 - 130	30	
%SS1:	76	25	90	94	3.78	122	127	3.60	70 - 130	30	70 - 130	30	
%SS2:	89	25	101	99	1.68	95	96	0.894	70 - 130	30	70 - 130	30	
%SS3:	80	2.5	104	103	1.46	94	102	8.59	70 - 130	30	70 - 130	30	

BATCH 46224 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0910092-001A	10/05/09 12:40 PM	I 10/07/09	10/07/09 4:31 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

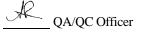
% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and freon 113 may occasionally appear in the method blank at low levels.





McCampbell Analytical, Inc.

"When Ouality Counts"

QC SUMMARY REPORT FOR TO15

W.O. Sample Matrix: Soil Vapor			QC Matrix	x: Soil Va	apor		Batch	ID: 46248		WorkC	Order: 09100	92	
EPA Method TO15	Extra	Extraction TO15 Spiked Sample								nple ID	eID: N/A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)		
Analyte	nL/L	nL/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD	
1,3-Butadiene	N/A	25	N/A	N/A	N/A	85.3	89.9	5.20	N/A	N/A	70 - 130	30	
Chlorobenzene	N/A	25	N/A	N/A	N/A	108	108	0	N/A	N/A	70 - 130	30	
1,2-Dibromoethane (EDB)	N/A	25	N/A	N/A	N/A	113	114	1.13	N/A	N/A	70 - 130	30	
1,2-Dichloroethane (1,2-DCA)	N/A	25	N/A	N/A	N/A	106	107	0.885	N/A	N/A	70 - 130	30	
1,2-Dichloro-1,1,2,2-tetrafluoroetha	N/A	25	N/A	N/A	N/A	88.9	96.6	8.26	N/A	N/A	70 - 130	30	
Freon 113	N/A	25	N/A	N/A	N/A	103	106	3.01	N/A	N/A	70 - 130	30	
1,1,1,2-Tetrachloroethane	N/A	25	N/A	N/A	N/A	111	112	0.743	N/A	N/A	70 - 130	30	
1,1,2,2-Tetrachloroethane	N/A	25	N/A	N/A	N/A	97.5	98.2	0.654	N/A	N/A	70 - 130	30	
1,2,4-Trichlorobenzene	N/A	25	N/A	N/A	N/A	81.8	84.5	3.25	N/A	N/A	70 - 130	30	
Trichloroethene	N/A	25	N/A	N/A	N/A	105	104	0.726	N/A	N/A	70 - 130	30	
Xylenes	N/A	75	N/A	N/A	N/A	109	109	0	N/A	N/A	70 - 130	30	
%SS1:	N/A	500	N/A	N/A	N/A	105	106	1.41	N/A	N/A	70 - 130	30	
%SS2:	N/A	500	N/A	N/A	N/A	109	109	0	N/A	N/A	70 - 130	30	
%SS3:	N/A	500	N/A	N/A	N/A	109	109	0	N/A	N/A	70 - 130	30	

NONE

BATCH 46248 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0910092-002A	10/05/09 10:20 AM	10/08/09	10/08/09 12:29 PM	0910092-003A	10/05/09 9:56 AM	10/08/09	10/08/09 1:18 PM
0910092-003A	10/05/09 9:56 AM	10/08/09	10/08/09 7:09 PM	0910092-004A	10/05/09 11:16 AM	10/08/09	10/08/09 2:06 PM
0910092-004A	10/05/09 11:16 AM	10/08/09	10/08/09 7:52 PM	0910092-005A	10/05/09 10:49 AM	10/08/09	10/08/09 2:56 PM
0910092-005A	10/05/09 10:49 AM	10/08/09	10/08/09 8:32 PM	0910092-006A	10/05/09 12:38 PM	10/08/09	10/08/09 3:45 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate. NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.



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