dehloptoxic, Env. Health

From: Grover Buhr [gsbuhr@treadwellrollo.com]
Sent: Friday, December 16, 2005 8:46 AM

To: Drogos, Donna, Env. Health **Subject:** Raw Data for Pleasanton

Attachments: Raw Data-Focused Excavations.pdf



Raw Data-Focused Excavations.p...

Donna,

I am attaching the raw data for our latest soil sampling. I'll do up a report when we (you and I) decide how you want the report. I'm going to call you now to discuss the work.

Regards, Grover

<<Raw Data-Focused Excavations.pdf>>

Grover Buhr

Senior Geologist (510) 874-4500 ext. 529

Treadwell & Rollo fax 874-4507

This information is intended solely for use by the individual or entity named as the recipient hereof and may be attorney-client privileged or contain confidential/inside information. If you are not the intended recipient, be aware that any disclosure, copying, distribution, or use of the contents of this transmission is prohibited. If you have received this communication in error, please notify us immediately by return e-mail or by e-mail to info@treadwellrollo.com <mailto:info@treadwellrollo.com>, and destroy this communication and all copies thereof, including attachments.

Grover Buhr

Senior Geologist (510) 874-4500 ext. 529

Treadwell & Rollo fax 874-4507

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110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 Website: www.mccampbell.com E-mail: main@mccampbell.com

Treadwell & Rollo	Client Project ID: #3149.01; Pleasanton	Date Sampled: 10/03/05
501 14Th Street, 3rd Floor	Assisted Living Facility	Date Received: 10/11/05
Oakland, CA 94612	Client Contact: Grover Buhr	Date Reported: 10/11/05
Oakland, Cri 94012	Client P.O.:	Date Completed: 10/11/05

WorkOrder: 0510173

October 11, 2005

Dear Grover:

Enclosed are:

- 1). the results of 10 analyzed samples from your #3149.01; Pleasanton Assisted Living Facility project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill 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 please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Angela Rydelius, Lab Manager

Yours/tru/ly,



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Treadwell & Rollo	Client Project ID: #3149.01; Pleasanton Assisted Living Facility	Date Sampled: 10/03/05
501 14Th Street, 3rd Floor		Date Received: 10/11/05
Oakland, CA 94612	Client Contact: Grover Buhr	Date Extracted: 10/11/05
ountained, OH > 1012	Client P.O.:	Date Analyzed: 10/11/05

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons with Silica Gel Clean-Up* Extraction method: SW3550C Analytical methods: SW8015C Work Order: 0510173 Lab ID Client ID Matrix TPH(d) TPH(mo) DF % SS 0510173-001A TP-4-5.0 S 3.0,g,b 9.5 1 100 0510173-002A TP-4-4.0North S 46,g,b 200 1 100 0510173-003A TP-4-4.0East 29,g 180 2 98 0510173-004A TP-4-4.0South S 39,g 220 2 97 0510173-005A TP-4-4.0West S 66,g 500 5 93 0510173-006A EB-4-6.0 S 19,g 140 2 0510173-007A EB-4-4.0North S 21,g 160 2 88 0510173-008A EB-4-4.0East S 11,g 67 1 100 0510173-009A EB-4-4.0South S 37,g,b 150 2 81 0510173-010A EB-4-4.0West S 24,g 150 2 82 Reporting Limit for DF =1; W NA NA ug/L ND means not detected at or 1.0 5.0 mg/Kg above the reporting limit

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	* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L,
ł	and all DISTLC / STLC / SPLP / TCLP extracts are reported in ug/I

[#] cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

J.

⁺The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel (asphalt?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; r) results are reported on a dry weight basis



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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0510173

EPA Method: SW8015C	E	xtraction:	SW3550	С	Batch	nID: 18461		Spiked Sample ID: 0510138-014a						
Analyte	Sample	Sample Spiked MS		MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)					
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD				
TPH(d)	28	20	NR	NR	NR	109	108	0.403	70 - 130	70 - 130				
%SS:	103	50	105	107	2.22	106	105	0.351	70 - 130	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 18461 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0510173-001A	10/03/05 1:12 PM	10/11/05	10/11/05 3:57 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 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.

A QA/QC Officer



110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0510173

EPA Method: SW8015C	E	xtraction:	SW3550	С	Batch	nID: 18461		Spiked Sample ID: 0510138-014a						
Analyte	Sample	Sample Spiked MS		MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)					
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS/MSD LCS/LC					
TPH(d)	28	20	NR	NR	NR	109	108	0.403	70 - 130	70 - 130				
%SS:	103	50	105	107	2.22	106	105	0.351	70 - 130	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 18461 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0510173-001A	10/03/05 1:12 PM	10/11/05	10/11/05 3:57 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 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.

QA/QC Officer



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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0510173

EPA Method: SW8015C	E	xtraction:	SW3550	С	Batch	nID: 18482		Spiked Sample ID: 0510179-004A						
Analyte	<u>'</u>		MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)					
			% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD					
TPH(d)	4.3	20	100	101	0.563	105	105	0	70 - 130	70 - 130				
%SS:	92	50	104	105	1.17	104	105	0.242	70 - 130	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 18482 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0510173-002A	10/03/05 1:15 PM	10/11/05	10/11/05 5:10 PM	0510173-003A	10/03/05 1:18 PM	10/11/05	10/11/05 2:21 PM
0510173-004A	10/03/05 1:21 PM	10/11/05	10/11/05 3:29 PM	0510173-005a	10/03/05 1:24 PM	10/11/05	10/11/05 1:31 PM
0510173-006a	10/03/05 2:45 PM	10/11/05	10/11/05 2:45 PM	0510173-007A	10/03/05 2:47 PM	10/11/05	10/11/05 3:29 PM
0510173-008A	10/03/05 2:55 PM	10/11/05	10/11/05 4:38 PM	0510173-009a	10/03/05 3:03 PM	10/11/05	10/11/05 2:45 PM
0510173-010a	10/03/05 3:11 PM	10/11/05	10/11/05 1:31 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 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.

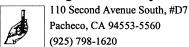
QA/QC Officer

Troodyn II Pollo

CHAIN OF CUSTODY DECORD



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		1800	7	Ma	trix		Pre	11.50	- "prill"	14.	P.							gel clean-up		L		-		╝
Field Sample Identification No.	Date	Time	Lab Sample No.	Soil	Other						松山							Silica gel	1010		Rei	narks		
-1P-4-5.0 18	0/3/05	13.12		X				li	1	\sqcap	X	\top		\top	1	\Box		\mathbf{x}^{\dagger}	L ×		37 (S. 1 (C)	nai No		0,8
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17-4-4.0 East		13:18		X				ì			λ							X X						٦
17-4-4.0 South		13:21		X							λ							X						٦
TR4-4.0 West		13:24		X	\perp			Î			X							Χ						
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EDS-4-4-0 West		15:11		$X \perp$	\perp			4		Ш	$\Delta \perp$							X						
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CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 0510173

ClientID: TWRK

EDF: NO

Report to:

Grover Buhr

Treadwell & Rollo

501 14Th Street, 3rd Floor Oakland, CA 94612

TEL: FAX: (510) 874-4500

(510) 874-4507

ProjectNo: #3149.01; Pleasanton Assisted Living F

PO:

Bill to:

Requested TAT:

1 day

Accounts Payable

Treadwell & Rollo

501 14Th Street, 3rd Floor

Date Received:

10/11/2005

Oakland, CA 94612

Date Printed:

10/11/2005

								 ****		Re	eques	sted	Test	s (See	lege	nd b	elow)						
Sample ID	ClientSampID	Matrix	Collection Date	Hold	1	2	3	4	5		6		7	8		9	10	11	12	13		14	15
0510173-001	TP-4-5.0	Soil	10/3/05 1:12:00 PM		Α		T			T		T										-	
0510173-002	TP-4-4.0North	Soil	10/3/05 1:15:00 PM		Α																		
0510173-003	TP-4-4.0East	Soil	10/3/05 1:18:00 PM		Α																		
0510173-004	TP-4-4.0South	Soil	10/3/05 1:21:00 PM		Α																		
0510173-005	TP-4-4.0West	Soil	10/3/05 1:24:00 PM		Α																		\Box
0510173-006	EB-4-6.0	Soil	10/3/05 2:45:00 PM		Α																		\Box
0510173-007	EB-4-4.0North	Soil	10/3/05 2:47:00 PM		Α																		
0510173-008	EB-4-4.0East	Soil	10/3/05 2:55:00 PM		Α																		
0510173-009	EB-4-4.0South	Soil	10/3/05 3:03:00 PM		Α																		\Box
0510173-010	EB-4-4.0West	Soil	10/3/05 3:11:00 PM		Α					T											1		\Box

Test Legend:

1	TPH(DMO)WSG_S	2	3	4	5
6		7	8	9	10
11		12	13	14	15

Prepared by: Maria Venegas

Comments:

24hr/Same Day

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



110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 Website: www.mccampbell.com E-mail: main@mccampbell.com

Treadwell & Rollo	Client Project ID: #3149.01; Pleasanton	Date Sampled:	10/13/05
501 14Th Street, 3rd Floor	Assisted Living Facility	Date Received:	10/13/05
Oakland, CA 94612	Client Contact: Grover Buhr	Date Reported:	10/14/05
Oakianu, Cri 54012	Client P.O.:	Date Completed:	10/14/05

WorkOrder: 0510253

October 14, 2005

Dear Grover:

Enclosed are:

- 1) the results of 1 analyzed sample from your #3149.01; Pleasanton Assisted Living Facility project,
- 2). a QC report for the above sample
- 3). a copy of the chain of custody, and
- 4). a bill 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 please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Angela Rydelius, Lab Manager



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Treadwell & Rollo	Chemi Hoject is.	Date Sampled: 10/13/05
	Assisted Living Facility	Date Received: 10/13/05
501 14Th Street, 3rd Floor	Client Contact: Grover Buhr	Date Extracted: 10/13/05
Oakland, CA 94612	Client P.O.:	Date Analyzed: 10/13/05
		to Cir. C. I Class Un*

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons with Silica Gel Clean-Up*

	,,	Analytical methods: SW8015C		Work O	rder: 0510253
Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
TP-4a-3.0	S	ND	6.1,g	1	101
10000			and an		
was a construction of the second of the					
		- 18 (18 (18 (18 (18 (18 (18 (18 (18 (18			
	and a state of the				
on the same of the same with the same of t					
			NA		ug/L
not detected at or		A CONTRACTOR OF THE CONTRACTOR		e e cara el accomo en como con el como	ng/Kg
		Client ID Matrix TP-4a-3.0 S S Limit for DF =1; W not detected at or	Client ID Matrix TPH(d) TP-4a-3.0 S ND Limit for DF =1; W NA not detected at or	Client ID Matrix TPH(d) TPH(mo)	Client ID Matrix TPH(d) TPH(mo) DF

^{*} water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in $\mu g/L$.

[#] cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

⁺The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel (asphalt?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; r) results are reported on a dry weight basis



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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0510253

EPA Method: SW8015C	E	Extraction: SW3550C				nID: 18541		Spiked Sample ID: 0510286-003A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance	Criteria (%)	
7 maryto	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD	
TPH(d)	16	20	26.3, F1	27.4, F1	0.987	99	99.5	0.516	70 - 130	70 - 130	
%SS:	95	50	99	92	7.14	87	90	3.35	70 - 130	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

F1 = MS / MSD exceed acceptance criteria. LCS - LCSD validate prep batch.

BATCH 18541 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0510253-001A	10/13/05 8:40 AM		0/13/05 11:50 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 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.

QA/QC Officer



twrk 05/0253

CHAIN OF CUSTODY RECORD

555 Montgomery Street, Suite 1300, San Francisco, CA 94111 Ph: 415.955.9040/Fax: 415.955.9041 501 14th Street, Third Floor, Oakland CA 94612 Ph: 510.874.4500/Fax: 510.874.4507 777 Campus Commons Rd., Suite 200, Sacramento, CA 95825 Ph: 916.565.7412/Fax: 916.565.7412 Site Name: **Analysis Requested** Job Number: Turnaround Project Manager\Contact: Samplers: Silica gel clean-up Recorder (Signature Required): No. Containers Matrix & Preservative Water Other HCL H₂SO₄ S H S Other Field Sample Identification No. Date Time Lab Sample No. Remarks P-4a-3.0 West 10/13/05 840 Kush CONTAINERS HEAD SPACE ABSENT DECHLORINATED IN LAB PRESERVATION elinguished by: (Signature) Received by: (8ignature) Date Relinguished by: (Signature Received by (Signature) Relinquished by: (Signature) Received by Lab: (Signature) Date Time ab courier Sent to Laboratory (Name): **Method of Shipment** UPS Fed Ex Airborne **Laboratory Comments/Notes:** Hand Carried Private Courier (Co. Name)

White Copy - Original

Yellow Copy - Laboratory

Pink Copy - Field

COC Number: 004167

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

110 Second Avenue South, #D7 Pacheco, CA 94553-5560 (925) 798-1620

WorkOrder: 0510253

ClientID: TWRK

EDF: NO

Report to:

Grover Buhr Treadwell & Rollo

501 14Th Street, 3rd Floor Oakland, CA 94612 TEL: FAX: (510) 874-4500

(510) 874-4507

ProjectNo: #3149.01; Pleasanton Assisted Living F

PO:

Bill to:

Accounts Payable Treadwell & Rollo

501 14Th Street, 3rd Floor

Oakland, CA 94612

Date Received:

Requested TAT:

10/13/2005

1 day

Date Printed: 10/13/2005

						***************************************				Req	uest	ed Test	s (See	leg	end I	belo	w)					
Sample ID	ClientSampID	Matrix	Collection Date	Hold	1	2	3	4	5		6	7	8		9		10	11	12	13	14	15
0510253-001	TP-4a-3.0	Soil	10/13/05 8:40:00		Α									Ι								

Test Legend:

1 TPH(DMO)WSG_S	2	3	4	5
6	7	8	9	10
11	12	13	14	15

Prepared by: Melissa Valles

Comments:

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



110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 Website: www.mccampbell.com E-mail: main@mccampbell.com

Treadwell & Rollo	Client Project ID: #3149.01; Pleasanton	Date Sampled: 10/04/05
501 14Th Street, 3rd Floor	Assisted Living Facility	Date Received: 10/11/05
Oakland, CA 94612	Client Contact: Grover Buhr	Date Reported: 10/11/05
Outhline, Off 71012	Client P.O.:	Date Completed: 10/11/05

WorkOrder: 0510172

October 11, 2005

Dear Grover:

Enclosed are:

- 1). the results of 11 analyzed samples from your #3149.01; Pleasanton Assisted Living Facility project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill 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 please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

917

Angela Rydelius, Lab Manager



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Carland, CA 74012	Client P.O.:	Date Analyzed: 10/11/05
Oakland, CA 94612	Client Contact: Grover Buhr	Date Extracted: 10/11/05
501 14Th Street, 3rd Floor	Pleasanton Assisted Living Facility	Date Received: 10/11/05
Treadwell & Rollo	Client Project ID: #3149.01; Pleasanton Assisted Living Facility	Date Sampled: 10/04/05

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*

Extraction method: SW5030B Analytical methods: SW8015Cm Work Order: 0510172

Lab ID Client ID Matrix TPH(a) DE 197 SC

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
001A	TP4-EB4-EB3	S	ND	1	87
***************************************	·				
		M. Addition of the charge of the control of the con			

Reporting Limit for DF =1; ND means not detected at or	W	NA	NA
above the reporting limit	S	1.0	mg/Kg

^{*} water and vapor samples and all TCLP & SPLP extracts are reported in μg/L, soil/sludge/solid samples in mg/kg, wipe samples in μg/wipe, product/oil/non-aqueous liquid samples in mg/L.

[#] cluttered chromatogram; sample peak coelutes with surrogate peak.

⁺The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request.



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Treadwell & Rollo	,	Date Sampled: 10/04/05
501 14Th Street, 3rd Floor	Assisted Living Facility	Date Received: 10/11/05
Oakland, CA 94612	Client Contact: Grover Buhr	Date Extracted: 10/11/05
Canada, OII > 1012	Client P.O.:	Date Analyzed: 10/11/05

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons with Silica Gel Clean-Up*

Extraction method: S	W3550C		Analytical methods: SW8015C	;	Work O	Work Order: 0510172			
Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS			
0510172-001A	TP4-EB4-EB3	S	2.8,g , b	17	1	99			
0510172-002A	EB-3-5.0	S	3.8,g,b,f	15	1	107			
0510172-003A	EB-3-4.0North	S	1.6,g	11	1	92			
0510172-004A	EB-3-4.0East	S	32	1	100				
0510172-005A	EB-3-4.0South	S	8.7,g	43	2	85			
0510172-006A EB-3-4.0West		S	1.4,g	18	1	100			
0510172-007A	EB-3-10.5	S	ND	ND	1	99			
0510172-008A	EB-3-9.0North	S S S	ND	ND	1	84			
0510172-009A	EB-3-9.0East		ND	ND	1	85			
0510172-010A	EB-3-10.0South		ND	ND	1	100			
0510172-011A	EB-3-9.0West	S	ND	ND	1	99			
	Limit for DF =1;	W	NA	NA	u	g/L			
	ND means not detected at or above the reporting limit		1.0	5.0	mg	mg/Kg			

above the reporting inint	l		
* water samples are reported in µg/L, wipe and all DISTLC / STLC / SPLP / TCLP ex		mg/kg, product/oil/non-aqueous liqu	id samples in mg/L,

[#] cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

⁺The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel (asphalt?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; r) results are reported on a dry weight basis



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Treadwell & Rollo	Client Project ID: #3149.01;	Date Sampled: 10/04/05
501 14Th Street, 3rd Floor	Pleasanton Assisted Living Facility	Date Received: 10/11/05
	Client Contact: Grover Buhr	Date Extracted: 10/11/05
Oakland, CA 94612	Client P.O.:	Date Analyzed: 10/11/05

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B		Ana	alytical Me	thod: SW8260B	Work	Work Order: 0510172							
Lab ID				0510172-001A									
Client ID				TP4-EB4-EB3									
Matrix				Soil									
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit						
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05						
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005						
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005						
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005						
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005						
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05						
n-Butyl benzene	ND -	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005						
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005						
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005						
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01						
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005						
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005						
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005						
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005						
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005						
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005						
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005						
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005						
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005						
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005						
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005						
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005						
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005						
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005						
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005						
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005						
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005						
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	ND	1.0	0.005						
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	ND	1.0	0.005						
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005						
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND ND	1.0	0.005						
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005						
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005						
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005						
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005						
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005						
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005						
	1	Sur		ecoveries (%)	1 1		0.000						
%SS1:	99	Sui	· vgutt M	%SS2:	100	1							
%SS3:	95			/0002.	100								
Comments	93												

Surrogate Recoveries (%)										
%SS1:	99	%SS2:	100							
%SS3:	95									

^{*} water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

[#] surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0510172

EPA Method: SW8021B/8	PA Method: SW8021B/8015Cm Extraction:					SW5030B BatchID: 18478					
Analyte	Sample	Spiked MS MSD N		MS-MSD	LCS	LCS LCSD		Acceptance	Acceptance Criteria (%)		
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD	
TPH(btex) [£]	ND	0.60	116	113	2.94	109	110	0.293	70 - 130	70 - 130	
МТВЕ	ND	0.10	81.8	83.1	1.64	85.7	85.1	0.691	70 - 130	70 - 130	
Benzene	ND	0.10	88.4	88	0.389	88.2	87.8	0.471	70 - 130	70 - 130	
Toluene	ND	0.10	88.2	87.6	0.765	86.5	87.5	1.20	70 - 130	70 - 130	
Ethylbenzene	ND	0.10	92.3	91.4	0.987	91.7	90.9	0.905	70 - 130	70 - 130	
Xylenes	ND	0.30	94.3	94.3	0	94.3	90.3	4.33	70 - 130	70 - 130	
%SS:	92	0.10	110	105	4.65	101	107	5.77	70 - 130	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 18478 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0510172-001A	10/04/05 9:05 AM	10/11/05	10/11/05 1:46 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).

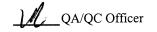
MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the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

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

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.





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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0510172

EPA Method: SW8015C	E	xtraction:	SW3550	С	Batch	nID: 18461		Spiked Sample ID: 0510138-014a				
Analyta	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS/MSD LCS/LCS			
TPH(d)	28	20	NR	NR	NR	109	108	0.403	70 - 130	70 - 130		
%SS:	103	50	105	107	2.22	106	105	0.351	70 - 130	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 18461 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0510172-001A	10/04/05 9:05 AM	10/11/05	10/11/05 1:13 PM	0510172-002a	10/04/05 9:08 AM	10/11/05	10/11/05 1:13 PM
0510172-003A	10/04/05 9:11 AM	10/11/05	10/11/05 1:12 PM	0510172-004A	10/04/05 9:14 AM	10/11/05	10/11/05 1:12 PM
0510172-005A	10/04/05 9:19 AM	10/11/05	10/11/05 2:21 PM	0510172-006A	10/04/05 9:23 AM	10/11/05	10/11/05 2:20 PM
0510172-007A	0/04/05 10:40 AM	10/11/05	10/11/05 6:47 PM	0510172-008A	0/04/05 11:00 AM	10/11/05	10/11/05 6:21 PM
0510172-009A	0/04/05 11:04 AM	10/11/05	10/11/05 5:10 PM	0510172-010A	0/04/05 11:08 AM	10/11/05	10/11/05 4:34 PM
0510172-011A	0/04/05 11:12 AM	10/11/05	10/11/05 5:41 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 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.

QA/QC Officer

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0510172

EPA Method: SW8260B	E	xtraction:	SW5030	В	Batch	nID: 18432		Spiked Sample ID: 0510046-012A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance	Criteria (%)		
, mary to	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD		
tert-Amyl methyl ether (TAME)	ND	0.050	94.1	94.1	0	93.4	94	0.599	70 - 130	70 - 130		
Benzene	ND	0.050	116	119	2.78	118	120	1.84	70 - 130	70 - 130		
t-Butyl alcohol (TBA)	ND	0.25	89.7	86.2	3.95	92.2	89.9	2.56	70 - 130	70 - 130		
Chlorobenzene	ND	0.050	108	109	1.32	105	108	3.42	70 - 130	70 - 130		
1,2-Dibromoethane (EDB)	ND	0.050	95.1	94.6	0.492	94	94.6	0.688	70 - 130	70 - 130		
1,2-Dichloroethane (1,2-DCA)	ND	0.050	120	112	6.68	113	118	4.21	70 - 130	70 - 130		
1,1-Dichloroethene	ND	0.050	119	116	2.63	110	113	3.11	70 - 130	70 - 130		
Diisopropyl ether (DIPE)	ND	0.050	113	113	0	110	112	1.57	70 - 130	70 - 130		
Ethyl tert-butyl ether (ETBE)	ND	0.050	100	98.3	1.78	97.4	98.3	0.943	70 - 130	70 - 130		
Methyl-t-butyl ether (MTBE)	ND	0.050	103	102	0.938	102	102	0	70 - 130	70 - 130		
Toluene	ND	0.050	103	104	0.239	99.5	103	3.79	70 - 130	70 - 130		
Trichloroethene	ND	0.050	93.4	92.7	0.725	90.2	93.2	3.27	70 - 130	70 - 130		
%SS1:	103	0.050	107	106	1.17	107	106	1.18	70 - 130	70 - 130		
%SS2:	101	0.050	100	99	0.692	99	99	0	70 - 130	70 - 130		
%SS3:	97	0.050	114	114	0	114	113	0.275	70 - 130	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 18432 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed	
0510172-001A	10/04/05 9:05 AM	10/11/05	10/11/05 3:02 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 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.

_____QA/QC Officer

SEVERN

05/0172 STL

STL San Francisco Chain of Custody
1220 Quarry Lane • Pleasanton CA 94566-4756

Gsbuhr@ treadwell rollo. W Amail: sflogin@stl-inc.com

Report To	!						Λ'n	alysis	Pogu	root.		- Julio -	147/	<u> </u>		ige _		01	_
Attn: Grover Buhr		70					A	CIVSIS	NEG!	lest	ĺ			,					
Company: Trenduell & Rollo Gyn2 8 8	a Gel	Fuel Tests EPA 8260B: □ Gas □ BTEX □ Five Oxyenates □ DCA, EDB □ Ethanol	ω.)Cs)		Ε	1 608	0		CRA	3/6020		0	ı≩n	7				
1	Silic	as D EDB D	8260	S (VC		Petroleum Total	2 0	8310		D R	200.8		um or H	Alkalinity TDS 🗅	D NO3				
Phone (510) 874-4500453 5 mail: 65 h . Mr (2) 8 x 8		S S	bons 1 by	C/M 624	1S 325	Pet	8081		73)	H.	/ EPA		ime f	A H	SO ₄ D				,
Bill To: CHOVER BUNT Sampled By: , SEE BE	15M otor	260B	ocarl 802	SS	25 a		EPA EPA	8270	0/74	101	als by	1LC)	old t	1	S Z				arie
Phone (510) 874-4500455 mail: GSh. hrac Sampled By: Trenduill & Rolle Evic Morita	8 × ×	EPA 8 enate	Hal EPA	rgan 260E	iles (270	ease			etals	Leac	Meta	(S)	vale 44 h	2	5 6				tuc
Attn: Phone (510) \$74-400	H EP	re Oxy	eable)Cs)	ile O	volat PA 8	166	cides	þ	17 M 6010	s: 🗆	evel MS):	W.E.T (STLC) TCLP	Hexavalent Chromium pH (24h hold time for H ₂ O)	Spec Cond. TSS					Jo Jo
Attn: Phone Fie Novita A Pres Fix erv.	TEPH EPA 8015M* ★ Silica ★ Diesel★ Motor Oil □ Other	Feel of Feel o	Purgeable Halocarbons (HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) ✓ EPA 8260B □ 624	Semivolatiles GC/MS	Oil and Grease (EPA 1664)	Pesticides PCBs	PNAs by	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA☐ Other:	Low Level Metals by EPA 200.8/6020 (ICP-MS):				Anions				Jumb
TP4-EB4-EB3 194105 905 9011 ICE X	×			×															
EB-3-5.0 / 9:08 5il the	\times																		
EB 3-4.0 North 9:11 Sil ILE	\times			·															
EB-3-4.0 East 9:14501 ILE	$ \times $								-		-								
68-3-4.0 South 9:19 Soil TER	×																		
EB-3-4.0 West / 9.23 soil tel	×																		
EB-3-10.5 10:40 soil FCE	×																		
EB-3-9.0 Worth 11:00 Soil ICE	×																		
ER-3-90 East 11:04 Sol ICE	×.																		
EB 3-10.0 South & 11:08 Soil ICE	×													•					
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Credit Card#: Conforms to record:	Compa	any	<u>u a</u>	, re v	(0		Com		<u> </u>	100	2 1		Cor	npany					-
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	Compa	iny		<u> </u>			Com	10/	<i>u /</i>	<i>u</i>)			Car	npany	7				-
*STL SF reports 8015M from C_9 - C_{24} (industry norm). Default for 8015B is C_{10} - C_{28} .									5/6	- 5	-0	ą	10		05	9	158	D 06/0	1

TRENT STL email: gsbuhre-freadwally	STL San Francisco Chain 1220 Quarry Lane • Pleasanton (Phone: (925) 484-1919 • Fax: (946) Email: sflogin@stl-inc.	of Custody CA 94566-4756 725 - 1 925) 484-1096	Peference #: 100088
	The state of the s	Analysis Request	· · · · · · · · · · · · · · · · · · ·
Attn: Graver Bunr			
Company: Trending thollo 34612 8 11	Cs) Gel	608 608 6020	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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Phone 50 174-4500 4575 Email See Bloom	CA, E	8081 8082 1)	Thromium time for H ₂ O) Akalinity TDS TDS VO ₂ NO ₂ PO ₄
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Attn: Chru Buhr Phone: 610) 814-4500 & 8 8 8	essis (essis (es	cides by 17 Me 6010 mer. — her. — her. — her. — her. — TCLF	Hexa DH (2) Spec (2)
Company: Trendwell thollo 14612 Address: 501 1441 St 3 A Floor Outland, CA 20085188 A Sampled By: TREMOVER BILL TO: TREMOVER 1 Follo EVI MONTA Attn: CANNER BURY Prone: 610 814-450 Sample 1D Date Time Mat Pres arv. Sample 1D Date Time Mat Pres arv.	TEPH EPA 8015M* Silica Gel TEPH EPA 8015M* Silica Gel Fuel Tests EPA 82608: □ Gas □ BTEX □ Five Oxyenates □ DCA, EDB □ Ethanol Purgeable Halocarbons (HVOCs) EPA 8021 by 8260B Volatile Organics GC/MS (VOCs) □ EPA 8260B □ 624 Semivolatiles GC/MS □ EPA 8270 □ 625 □ EPA 8270 □ 625 □ EPA 8270 □ 70tal	Pesticides EPA 8081 C 608 PCBs	Hexavalent Chr Hexavalent Chr High (24h hold tin Spec Cond. E TSS Anions: ECI ESO, Anions: ECI ESO, Anions Containers
EB-3-9.0 West 10/4/05 11:12 Soil FLE	X		
CD 5 10 VVC01 19 103 1112 011 PCC			
Project Info. Sample Receipt	1) Relinquişhed by:	2) Relinquished by:	3) Relinquished by:
Project Name: # of Containers:	With 12:20	111111111111111111111111111111111111111	o) Nomiquialled by.
Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Head Space: NA Po#: Project Name: Toma: Project Name: Project Name: Toma: Project Name: Toma: Toma: Toma: Project Name: Toma: Tom	Signature Time	Signature Time	Signature Time
Project#: 3149-01 Head Space:	EVIC MOVITA 10/4/05	nue 500	
PO#: Temp:	1) Relinquished by: 12:20 Signature Finne Finne Printed Name Date	Printed Name Date	Printed Name Date
Credit Card#: Conforms to record:	Trendwell & Rollo	Stgnature I D, or Time Printed Name Date Company	
Comorns to record:	Company	Company VILSF	Company
T 5 72h 40h 24h 0h-	1) Received by:	2) Received by:	3) Received by:
A Day 72h 48h 24h Other:	Joun 1/220	1 miles	
Report: Routine Level 3 Level 4 EDD State Tank Fund EDF Special Instructions / Comments:	Signature Time	Signature Time	Signature Time
	Joan Muley 104605	Printed Name Date	
	Printed Name Date	Printed Name Date	Printed Name Date
	STUSE	10/11/05	
*STL SF reports 8015M from C_9 - C_{24} (industry norm). Default for 8015B is C_{10} - C_{28} .	Company	10/11/05 Company VIZS.P	Company
		V . C > . F	Rev 06/04

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

110 Second Avenue South, #D7 Pacheco, CA 94553-5560 (925) 798-1620

WorkOrder: 0510172

ClientID: TWRK

EDF: NO

Report to:

Grover Buhr Treadwell & Rollo TEL: (510

(510) 874-4500

ProjectNo: #3149.01; Pleasanton Assisted Living F

(510) 874-4507

501 14Th Street, 3rd Floor Oakland, CA 94612

PO:

FAX:

Accounts Payable

Bill to:

Treadwell & Rollo

501 14Th Street, 3rd Floor Oakland, CA 94612 Date Received:

Requested TAT:

10/11/2005

1 day

Date Printed:

10/11/2005

		olD Matrix			Requested Tests (See legend below)																
Sample ID ClientSa	ClientSampID		Collection Date Ho	ld	1	2	3	4	5		6	7		8	9	10	11	12	13	14	15
						•															
0510172-001	TP4-EB4-EB3	Soil	10/4/05 9:05:00 AM		Α	Α															
0510172-002	EB-3-5.0	Soil	10/4/05 9:08:00 AM				Α														
0510172-003	EB-3-4.0North	Soil	10/4/05 9:11:00 AM				Α														
0510172-004	EB-3-4.0East	Soil	10/4/05 9:14:00 AM				Α														
0510172-005	EB-3-4.0South	Soil	10/4/05 9:19:00 AM] [Α														
0510172-006	EB-3-4.0West	Soil	10/4/05 9:23:00 AM] [Α														
0510172-007	EB-3-10.5	Soil	10/4/05 10:40:00] [Α														
0510172-008	EB-3-9.0North	Soil	10/4/05 11:00:00] [Α														
0510172-009	EB-3-9.0East	Soil	10/4/05 11:04:00				Α														
0510172-010	EB-3-10.0South	Soil	10/4/05 11:08:00				Α														
0510172-011	EB-3-9.0West	Soil	10/4/05 11:12:00] [Α														

Test Legend:

1 8260B_S	2 G-MBTEX_S	3 TPH(DMO)WSG_S	4	5
6	7	8	9	10
11	12	13	14	15

Prepared by: Maria Venegas

Comments: 24hr Rush

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