

Appendix H



Hydrogeologic Description and PCE Characterization Report



November 11, 2014

Coastal Community Builders
330 James Way, Suite 270
Pismo Beach, CA 93448

**SUBJECT: Hydrogeologic Description and PCE Characterization
Dalidio Laguna Ranch, San Luis Obispo County, California**

Dear Sir:

In accordance with our August 11, 2014 proposal, Cleath-Harris Geologists (CHG) has performed tasks to characterize the tetrachloroethylene (perchloroethylene, (PCE)) distribution in the groundwater underlying the Dalidio Laguna Ranch property, San Luis Obispo, California (Figure 1). The scope of this work has been reviewed and commented on by the Central Coast Regional Water Quality Control Board (Regional Board).

The PCE groundwater contamination found in the vicinity of the Dalidio Laguna Ranch has been attributed to dry cleaning facilities spills in the City of San Luis Obispo, beginning in the 1930's. This contaminant is highly soluble and has reached the shallow groundwater and flowed with the groundwater beyond Los Osos Valley Road. Initial groundwater sampling/testing by GeoSolutions Inc. at two irrigation wells on the ranch have found PCE concentrations of 9 micrograms per liter ($\mu\text{g/l}$) at Well 1202 (on the east side of the ranch) and 1.1 $\mu\text{g/l}$ at Well 1204 (on the southwest side of the ranch). The maximum contaminant level (MCL) for drinking water of PCE is 5 $\mu\text{g/l}$. All other volatile organic constituents tested (Method 8260B) were not detected.

CHG has collected information on the groundwater and Dalidio Laguna Ranch wells, sampled select accessible wells on the ranch and herein presents our findings and conclusions regarding the groundwater contamination in the aquifers underlying the ranch. Information was obtained from the property owner, local pump and drilling companies, GeoTracker database, the City of San Luis Obispo, CHG records, and the Regional Board staff/files.

WELLS

There are several water wells that are within and surround the Dalidio Laguna Ranch property that have well completion reports and geophysical logs. This information has been reviewed for purposes of defining the aquifers underlying the ranch property.

The Dalidio Laguna Ranch wells include three wells (2, 3 and 7) in the northern corner of the property near Embassy Suites Hotel, one well just off of Highway 101 midway across the property (Well 5), two wells on the southern property line (Wells 1 and 4) and a



Cross sections A-A' and B-B' shown on Figures 2 and 3

0 1000 feet
Scale

N

TD Total Depth, feet
(10.4) Tetrachloroethylene Concentration
micrograms/liter
100 (10/9) Groundwater Elevation (date)
feet above mean sea level

Figure 1
Tetrachloroethylene Concentrations
Groundwater Level Elevations
Dalidio Laguna Ranch Area
October 2014
Cleath-Harris Geologists



domestic well adjacent to Madonna Road. The wells that are currently operational are the irrigation well midway across the property (Well 5) and one of the southern property line wells (Well 1) and the domestic well. One of the northern wells (Well 3) is equipped but is not currently being used. Well 6 was not found.

One of the Dalidio Laguna Ranch wells (Well 3) has a well completion report. Most of the well total depths are known. Information on the wells is presented in the following table (elevations and latitude and longitude coordinates taken from a survey by Cannon Associates, except for Well 6).

**Table 1
Well Summary
Dalidio Laguna Ranch**

Well	Date Drilled	Elevation	Latitude 35.____	Longitude -120.____	Diameter	Total Depth	Yield	Static Depth to Water below top of casing
		Feet above MSL			Inches	Feet	Gallons per Minute	Feet (date)
1		121.145	.253973	.682542	12	120	818	10.5 (6/30/83)
2	1922	134.589	.25863	.67560	12	60	550	23.58 (10/9/2014)
3	1952	134.436	.257969	.674660	Unknown-Covered by pump base	66	927	Not accessible
4	1925	122.535	.253855	.682355	16	64	482	12.91 (10/9/2014)
5	1925	129.344	.255736	.676133	12	80	600	20.05 (10/6/2014)
6	1949	134 (approx.)	.257814	.674685	14	66	375	20 (5/13/49)
7		133.706	.257566	.674773	16	66	150	
House		132.465	.260462	.681490	5	40	6	19.65 (10/9/2014)

In addition to the information available on the Dalidio Laguna Ranch wells, there are other wells, immediately adjacent to the ranch, that have well completion reports and



geophysical logs. The wells with subsurface information immediately surrounding the Dalidio Laguna Ranch include the Embassy Suites Hotel (Trojan Enterprises) Well, the City of San Luis Obispo Corporation Yard (Corp Yard) Well, the City of San Luis Obispo Highway 101 Well #1, the City of San Luis Obispo Calle Joaquin Agricultural Reserve (CJAR) irrigation well, and the “Madonna Gap” property well adjacent to Oceanaire Drive and next to Prefumo Creek. Information for monitoring wells and one landscape irrigation well on the Madonna Plaza were also available. Some of these monitoring wells, used to assess gas station underground storage tank leaks and dry cleaning PCE contamination have been decommissioned and abandoned.

HYDROGEOLOGY

Two geologic cross sections (Figures 2 and 3) depict the aquifers underlying the ranch: a west-east section along the southern boundary of the property and a north-south section, along Highway 101. The west-east section uses well information from the Madonna “Gap” property, the CJAR irrigation well and the City’s Hwy 101 Well #1. The north-south section uses well information from the Dalidio Laguna Ranch Well #3, the Corp Yard Well, and the City’s Highway 101 Well #1. The Corp Yard well and the Highway 101 Well #1 both have geophysical logs (on file with CHG).

A geologic cross section along Highway 101 from Los Osos Valley Road to Prado Road is included in the March 2003 Well Construction and Testing Report for Water Supply and Irrigation Wells, City of San Luis Obispo prepared by Cleath & Associates. This cross section, oriented along Highway 101, depicts the main aquifer zones tapped by wells within the Dalidio Laguna Ranch.

Aquifer Characterization

There are two aquifers underlying portions of the Dalidio Laguna Ranch. The shallow aquifer underlies the most of the ranch, except the westernmost area near the ranch headquarters. The deep aquifer underlies the southern portion of the ranch.

The wells near the Embassy Suites/Highway 101 corner of the property are all 60 to 70 feet deep and produce from the shallow aquifer: a coarse sand and gravel bed that occurs about 45 to 70 feet below ground surface. The Dalidio Laguna Ranch Well 3 log recorded a bed of “Sand, Gravel & Bolders (sic)” from 50 to 62 feet. Dalidio Laguna Ranch Wells 2, 3, 4 and 7 are 66 feet or less in depth and Well 5 is 80 feet deep. The Corp Yard well produces from this aquifer at 50 to 68 feet below ground surface. This very permeable shallow aquifer in both of these wells is overlain by 30 feet of brown clay and underlain by nonwater-bearing bedrock composed of Cretaceous age serpentinite or clay and sandstone or shale in the northern portion of the ranch and by Pliocene age sedimentary beds in the southern portion of the ranch.

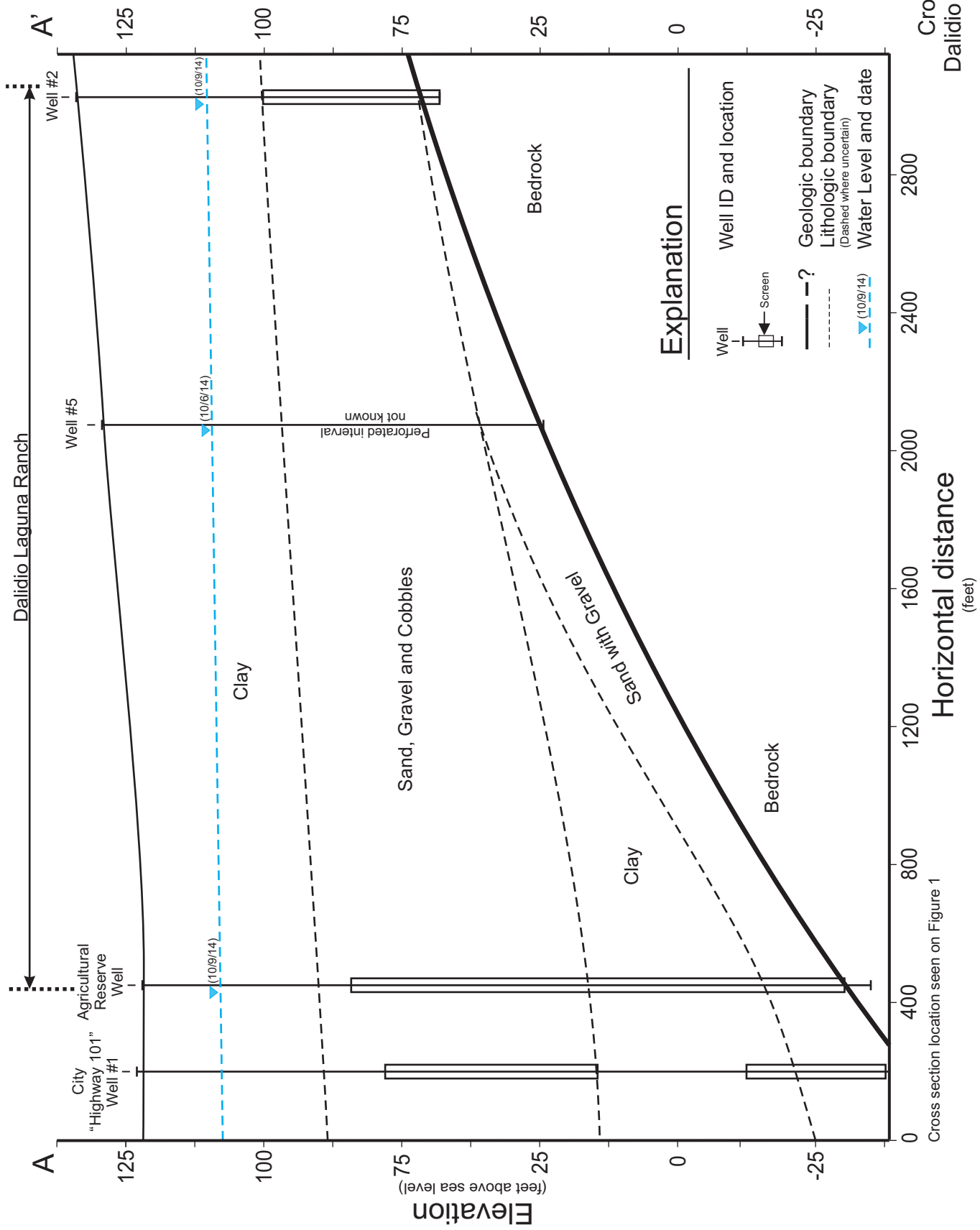
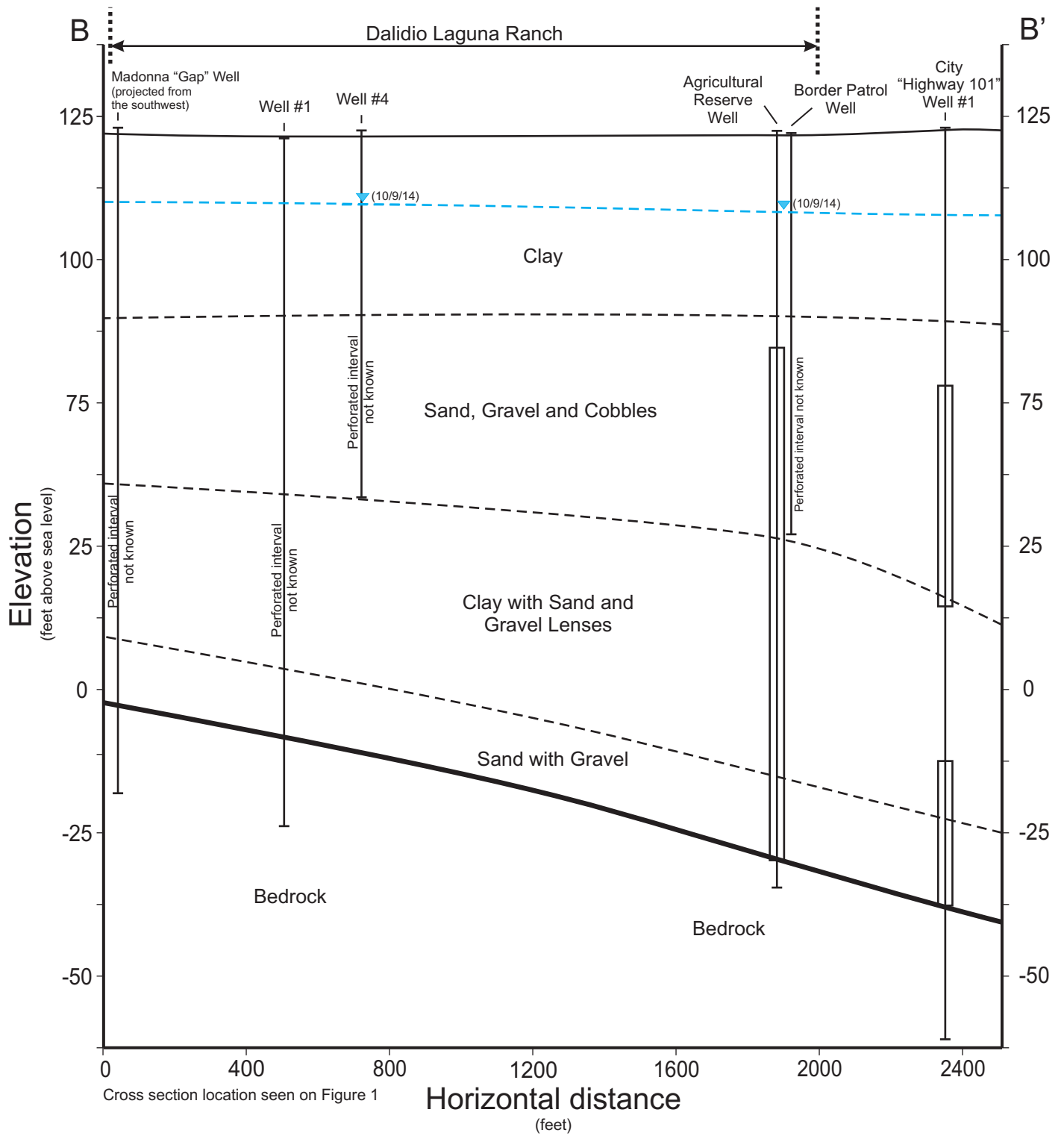


Figure 2
 Cross Section A-A'
 Dalidlo Laguna Ranch
 Cleath-Harris Geologists



Explanation

- Well ID and location
- Screen
- Geologic boundary
- Lithologic boundary (Dashed where uncertain)
- Water Level and date (10/9/14)

Figure 3
Cross Section B-B'
Dalidio Laguna Ranch

Cleath-Harris Geologists



The wells along the southern boundary of the property, in addition to the shallow aquifer, also encounter a deep aquifer within the Pliocene age marine and non-marine deposited sedimentary beds, as shown on the cross sections. This aquifer is a fine to medium gravel and sand bed from 100 to 140 feet depth (20 to -20 feet above mean sea level elevation) at City of San Luis Obispo Highway 101 Test Hole #5/Well #1 (opposite the southeastern corner of the Dalidio Laguna Ranch along Hwy 101). Dalidio Laguna Ranch Well 1 is 120 feet deep and probably produces water from both the shallow and deep aquifers, though no well completion report is available. The CJAR irrigation well is 130 feet deep with perforations from 40 to 130 feet depth, producing from both the shallow and deep aquifers. The shallow and deep aquifers are separated by a 40-foot thick clay aquitard.

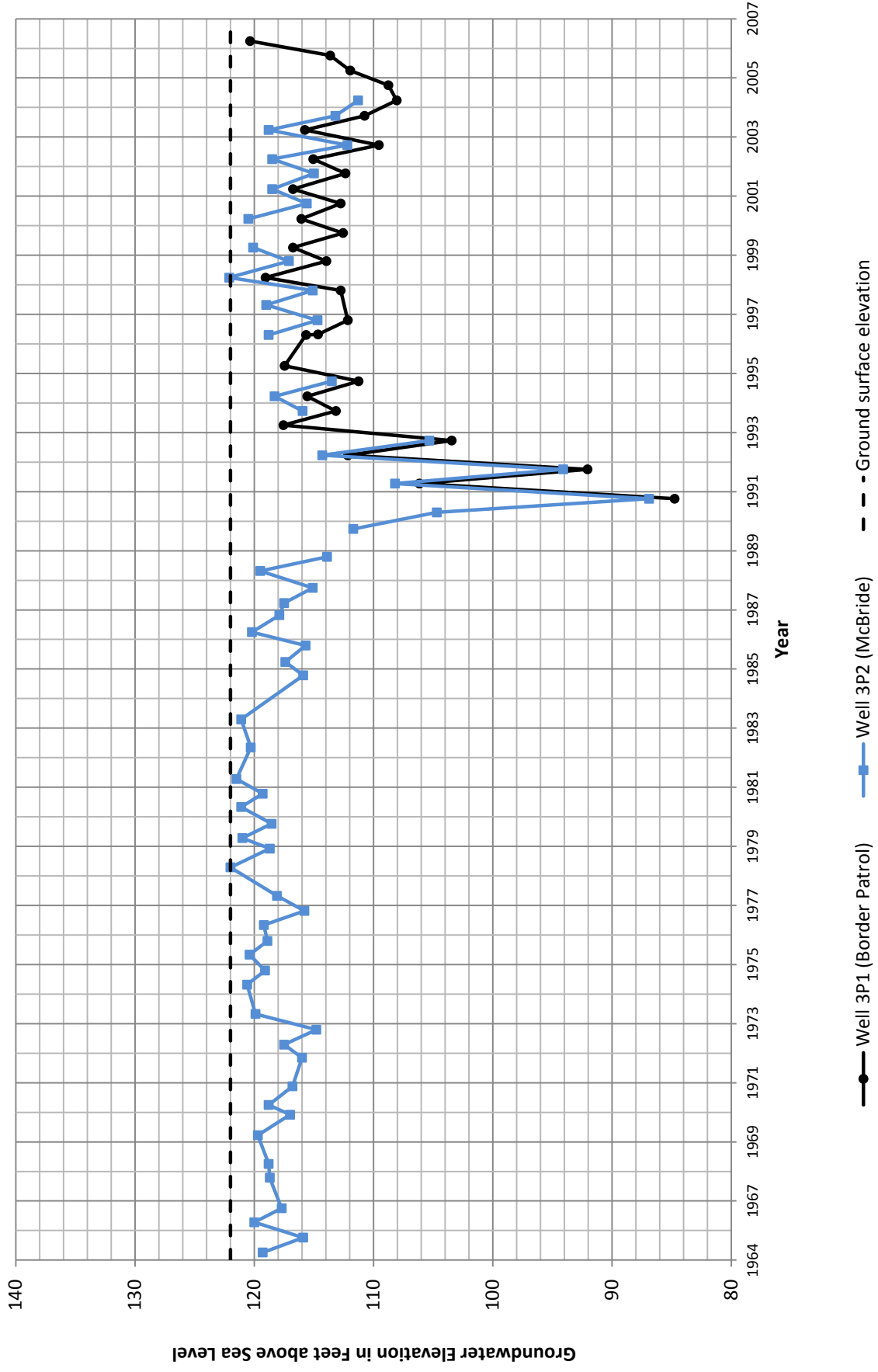
Groundwater Level

The static groundwater levels measured at the accessible Dalidio Laguna Ranch wells and the adjacent Border Patrol well on October 6 and 9, 2014 were at depths between 12 and 24 feet. Wells 1, 3 and 7 were not accessible for water level measurements due to lack of openings into the casings. The original water level measured at the CJAR irrigation well was 10 feet depth (7/12/2013). The shallowest water levels were in wells along the southern and western boundaries and the deepest levels were in wells on the north. There was a well that had flowed (“artesian”) during wet years on the adjacent McBride parcel next to the Alfano (formerly Kimball) auto dealership.

October 2014 groundwater level elevations for the Dalidio Laguna Ranch wells and the Border Patrol well were determined based on the depth to water measurements and a recent well head reference point elevation survey. The highest elevations above mean sea level were measured at the domestic well (112.8 feet) and at Well #2 (111.2 feet) and the lowest elevation was measured at the former Border Patrol well (108.3 feet). These depth to water level measurements represent shallow aquifer groundwater levels.

Groundwater level measurements were collected by the County of San Luis Obispo at the former Border Patrol well (31S/12E-3P1) until April 25, 2008. A graph of the water levels at that well and the McBride/Medina well (31S/12E-3P2) shows that the water level fluctuates in the former Border Patrol well from 39.2 feet (October 12, 1990) to 3.6 (April 11, 2006) feet depth (Figure 4). The lowest groundwater level in 1990 coincided with higher groundwater pumpage in the area by the City of San Luis Obispo both at the Dalidio Laguna Ranch Well 2 and the Auto Park Way well. The October 2014 water level is about the same as was noted in 2004.

Figure 4
Groundwater Hydrograph
Dalidio Ranch Area





PCE Concentration in Groundwater

For the purposes of this study, the PCE concentration was analyzed in 4 on-site wells and two off-site wells. The groundwater samples were collected on October 14, 2014 at the Dalidio Laguna Ranch Wells #1, 2, 5 and the domestic well by CHG. The groundwater samples at the off-site City wells (the Corp Yard and CJAR irrigation wells) were collected on October 27, 2014 by City of San Luis Obispo water laboratory staff. The water testing was performed by FGL Environmental. The results are shown on Figure 1 and in the water quality analytical reports in the appendix to this letter.

The PCE concentrations measured in the selected wells for this study are highest in the wells just west of Highway 101 (from 8.1 $\mu\text{g/l}$ at Dalidio Laguna Ranch Well #2 to 10.4 $\mu\text{g/l}$ at the CJAR irrigation well), with lower concentrations at wells east of Highway 101 and along the western side of the Dalidio Laguna Ranch.

Prior testing for PCE at the contaminated area near Madonna Plaza Cleaners determined that the concentration was at 4.9 $\mu\text{g/l}$ in Monitoring Well #13 on 7/21/2006 (in the Best Buy parking lot area). At that level, the remediation efforts were considered sufficient and the monitoring was discontinued. No PCE was observed in monitoring wells at the auto dealerships along Auto Park Way.

The PCE contamination is within the shallow aquifer groundwater. Groundwater within the deep aquifer cannot be isolated in existing wells on the property and therefore, the PCE level in the deep aquifer is not known. It is possible that PCE-bearing shallow groundwater could be entering the deep aquifer where the deep aquifer may be recharged from the shallow aquifer or via wells that have perforations in the shallow and deep aquifers.

The domestic well groundwater has a PCE concentration (1.0 $\mu\text{g/l}$) that is within the State of California/US EPA MCL for drinking water of 5 $\mu\text{g/l}$.

Groundwater produced by the Dalidio Laguna Ranch Well 5, currently being pumped for irrigation has a PCE concentration (9.5 $\mu\text{g/l}$) that exceeds the MCL. As it is sprayed through the air onto the irrigated fields, the PCE concentration in the applied water may change.



CONCLUSION

CHG has performed the tasks identified in our proposal dated August 11, 2014 and has presented the findings in this letter report. These findings include a characterization of the groundwater basin hydrogeology in the proximity of the Dalidio Laguna Ranch and measurements of groundwater levels and PCE concentrations. The City of San Luis Obispo has aided this study with concurrent water quality analyses. Cannon Associates assisted with surveys of the Dalidio Laguna Ranch well water level reference points.

Groundwater underlying the Dalidio Laguna Ranch occurs within a shallow and a deep aquifer. Groundwater levels in the wells monitored range from 112.8 feet above mean sea level in the domestic well to 108.3 feet in the Border Patrol well. Current groundwater levels are low but not as low as when the groundwater was being pumped by the City of San Luis Obispo in 1990-1992. The shallow aquifer has groundwater that has PCE concentrations exceeding the MCL along Highway 101 but not in the western portion of the ranch. The deep aquifer groundwater cannot be isolated for sampling and testing of PCE due to the lack of any well that solely produces water from the deep aquifer.

Respectfully Submitted,
CLEATH-HARRIS GEOLOGISTS, INC.

Timothy S. Cleath, Certified Hydrogeologist #81
President



APPENDICES

Well Head Surveys
Well Log Information
Water Quality Analytical Results

POINT#	NORTHING	EASTING	ELEVATION	DESCRIPTION
2379	2290817.261	5763291	133.271	NG
2380	2290817.241	5763292	134.58	WH3 FLANGE
2381	2290817.441	5763292	134.436	WH3 CENTER
2382	2290920.247	5763139	134.589	WH2 CASING
2383	2290920.236	5763138	134.796	WH2 CENTER
2384	2290662.889	5763210	133.706	WH7
2385	2290661.835	5763210	132	WH7 NG
2386	2290028.249	5762802	128.264	WH5 NG
2387	2290028.333	5762802	129.465	WH5 CASING
2388	2290028.503	5762801	129.344	WH5 CENTER
2389	2288570.696	5762005	122.08	PATROL NG
2390	2288570.153	5762005	123.957	PATROL CASING
2391	2288570.056	5762005	122.064	PATROL CENTER
2392	2288589.405	5761975	122.077	AG PRESERVE NG
2393	2288589.705	5761975	124.491	AG PRESERVE CASING
2394	2289318.014	5761037	121.128	WH1
2395	2289317.524	5761037	121.145	WH1 CASING
2396	2289317.077	5761038	120.574	WH1 NG
2397	2289425.103	5760862	120.517	WH4 NG
2398	2289424.727	5760864	122.535	WH4 CASING
2443	2291731.714	5761210	132.465	DOMESTIC CASING
2444	2291730.238	5761211	131.374	NG

A. E. TOMASINI

Air Compressor Service—Water Pumps and Wells

SUPPLIES PARTS REPAIRING

San Luis Obispo, Calif., May 11, 1922

TO Mr. F. Dalidio
San Luis Obispo,
California

TERMS: NET CASH. DUE 10TH OF FOLLOWING MONTH. 2 PER CENT PER MONTH CHARGED ON OVERDUE ACCOUNTS.

DATE	DESCRIPTION	CHARGES	CREDITS	BALANCE
ril 25	To drill 14" Water Well 67' @14.00 per ft. Sales Tax	\$938.00 23.45		
" 29	To blow well with Air Comp 8hr @7.50	60.00		
" 30	" " " " " " 5 " "	37.50		
y 2	Install test pump	4.00		
3	Run " " " " 16 " "	120.00		
7	" " " " 8 " "	60.00		
10	Remove test pump	37.50		
		\$1306.45		\$1306.45
	LOG OF WELL			
0 -	5' Top Soil			
5 -	15' Yellow Clay & Gravel (dry)			
15 -	25' " " Hard			
25 -	50' Soft Yellow Clay & Gravel			
50 -	62' Sand, Gravel & Bolders			
62 -	67' Grey Serpentine (Soft)			
		Well Shoe 14"x2"x 6"		
		Starter 14"x12ga.x 12' long		
		Sections " "	32'	"
		Plain " "	22'	"
		Double Casing	66'	Total

October 24, 2014

Cleath-Harris Geologists
 Attn: Spencer Harris
 71 Zaca Lane
 Suite 140
 San Luis Obispo, CA 93401

Lab ID : CC 1483721
 Customer : 8-514

Laboratory Report

Introduction: This report package contains total of 4 pages divided into 3 sections:

Case Narrative	(1 pages) : An overview of the work performed at FGL.
Sample Results	(2 pages) : Results for each sample submitted.
Quality Control	(1 page) : Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
Well #1	10/14/2014	10/14/2014	CC 1483721-001	DW
Domestic Well	10/14/2014	10/14/2014	CC 1483721-002	DW

Sampling and Receipt Information: All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples arrived on ice. All samples were prepared and analyzed within the method specified hold time. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:


Organic QC

524.2	10/16/2014:216268 All analysis quality controls are within established criteria.
	10/16/2014:212091 All preparation quality controls are within established criteria, except: The following note applies to Tetrachloroethylene (PCE): 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.**

 Digitally signed by Kelly A. Dunnahoo, B.S.
 Title: Laboratory Director
 Date: 2014-10-27



October 24, 2014

Lab ID : CC 1483721-001

Customer ID : 8-514

Cleath-Harris Geologists

Attn: Spencer Harris

71 Zaca Lane

Suite 140

San Luis Obispo, CA 93401

Description : Well #1

Project : Dalidio

Sampled On : October 14, 2014-14:00

Sampled By : Bryce Pfeifle

Received On : October 14, 2014-16:01

Matrix : Drinking Water

Sample Result - Organic

Constituent	Result	PQL	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2 ^{VOA,1,3}								
4-Bromofluorobenzene [‡]	88.7	70-130	%		524.2	10/16/14:212091	524.2	10/16/14:216268
1,2-Dichlorobenzene-d4 [‡]	85.0	70-130	%		524.2	10/16/14:212091	524.2	10/16/14:216268
Tetrachloroethylene	1.8	0.5	ug/L	5	524.2	10/16/14:212091	524.2	10/16/14:216268

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (VOA) VOA Preservatives: HCl pH < 2 ‡Surrogate. * PQL adjusted for dilution. MCL = Maximum Contamination Level. 2 - Secondary Standard. 3 - CDPH Notification Level. AL = Regulatory Action Level.



October 24, 2014

Lab ID : CC 1483721-002

Customer ID : 8-514

Cleath-Harris Geologists

Attn: Spencer Harris

71 Zaca Lane

Suite 140

San Luis Obispo, CA 93401

Description : Domestic Well

Project : Dalidio

Sampled On : October 14, 2014-15:30

Sampled By : Bryce Pfeifle

Received On : October 14, 2014-16:01

Matrix : Drinking Water

Sample Result - Organic

Constituent	Result	PQL	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2 ^{VOA,1,3}								
4-Bromofluorobenzene [‡]	87.5	70-130	%		524.2	10/16/14:212091	524.2	10/16/14:216268
1,2-Dichlorobenzene-d4 [‡]	89.0	70-130	%		524.2	10/16/14:212091	524.2	10/16/14:216268
Tetrachloroethylene	1.0	0.5	ug/L	5	524.2	10/16/14:212091	524.2	10/16/14:216268

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (VOA) VOA Preservatives: HCl pH < 2 ‡Surrogate. * PQL adjusted for dilution. MCL = Maximum Contamination Level. 2 - Secondary Standard. 3 - CDPH Notification Level. AL = Regulatory Action Level.

October 24, 2014
Cleath-Harris Geologists

Lab ID : CC 1483721
Customer : 8-514

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic 1,2-Dichlorobenzene-d4	524.2	10/16/14:212091VRG (CC 1483641-001)	Blank	ug/L	10.00	81.8 %	70-130	
			MS	ug/L	10.00	95.2 %	70-130	
			MSD	ug/L	10.00	92.5 %	70-130	
			MSRPD	ug/L	10.00	2.8%	≤20	
	524.2	10/16/14:216268VRG	CCV	ug/L	10.00	98.3 %	70-130	
4-Bromofluorobenzene	524.2	10/16/14:212091VRG (CC 1483641-001)	Blank	ug/L	10.00	88.4 %	70-130	
			MS	ug/L	10.00	98.9 %	70-130	
			MSD	ug/L	10.00	97.8 %	70-130	
			MSRPD	ug/L	10.00	1.2%	≤30	
4-Bromofluorobenzene (BFB)	524.2	10/16/14:216268VRG	CCV	ug/L	10.00	99.3 %	70-130	
Tetrachloroethylene (PCE)	524.2	10/16/14:212091VRG (CC 1483641-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	106 %	14-186	
			MSD	ug/L	10.00	60.4 %	14-186	
			MSRPD	ug/L	10.00	55.0%	≤33	435
	524.2	10/16/14:216268VRG	CCV	ug/L	10.00	71.3 %	70-130	
Definition								
CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.								
Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.								
MS : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.								
MSD : Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.								
MSRPD : MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.								
ND : Non-detect - Result was below the DQO listed for the analyte.								
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.								
Explanation								
435 : Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.								



Analytical Chemists

Analytical Chemists

	Lab Number: CC1483721	TEST DESCRIPTION AND ANALYSES REQUESTED
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Client: Cleath-Harris Geoloists
 Customer Number: 8000514
 Address: Attn:
 71 Zaca Lane
 Suite 140
 Phone: (805)543-1413 Fax: (805)543-1411
 Email Address:
 Contact Person:
 Project Name: *Dalidvo*
 Purchase Order Number:
 Quote Number:

Sampler(s): *B. Pfeifle*
 Sampling Fee: _____ Pickup Fee: _____
 Compositor Setup Date: _____ Time: _____

Method of Sampling: Composite (C) Grab (G)	Number of Containers	Type of Containers: Glass (G) Plastic (P) VOA (V) Metal Tube (MT)	Potable (P) Non-Potable (NP) Ag Water (AgW)	Surface Water (SW) Monitoring Well (MW) Ground Water (GW) Travel Blank (TB) Waste Water (WW) Drinking Water (DW)	Soil (S) Sludge (SLG) Solid (SLD) Oil (O)	Bact: System (Sys) Source (SRC) Waste (W)	Bact: Routine (ROUT) Repeat (RPT) Other (OTH) Replace (RPL) Special (SPL)	Leaf Tissue (LT) Petiole Tissue (PET) Produce (PRD)	Preservative: (1) NaOH + ZnAc, (2) NaOH, (3) HCl (4) H2SO4, (5) HNO3, (6) Na2S2O3, (7) Other	TEST DESCRIPTION AND ANALYSES REQUESTED	
											<i>PCE</i>
											<i>X</i>
											<i>X</i>
											<i>X</i>

Sample Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Number of Containers	Type of Containers	Potable	Surface Water	Soil	Bact	Leaf Tissue	Preservative	
	<i>Well #1</i>	<i>10/14/14</i>	<i>1400</i>	<i>G</i>	<i>4</i>	<i>G</i>		<i>DW</i>					<i>X</i>
	<i>Domestic Well</i>	<i>10/14/14</i>	<i>1530</i>	<i>G</i>	<i>4</i>	<i>G</i>		<i>DW</i>					<i>X</i>
<i>0</i>	<i>Travel Blank</i>	<i>10/14/14</i>	<i>0000</i>	<i>G</i>	<i>2</i>	<i>G</i>		<i>TB</i>					<i>X</i>

Remarks	Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
	<i>Bryant</i>	<i>10/14/14</i>	<i>1600</i>	<i>Ken Middlehoff</i>	<i>10/14/14</i>	<i>1700</i>	<i>Ken Middlehoff</i>	<i>10/15/14</i>	<i>1450</i>
	Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:
	<i>Ken Middlehoff</i>			<i>ONTAC</i>			<i>ily</i>	<i>10/15/14</i>	<i>1450</i>

Inter-Laboratory Condition Upon Receipt (Attach to COC) C1483721

Sample Receipt at: STK CC CH VI

1. Number of ice chests/packages received: 1 Shipping tracking # OTC

2. Were samples received in a chilled condition? Temps: ROT / / / /
Surface water SWTR bact samples: A sample that has a temperature upon receipt of >10° C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.

- 3. Do the number of bottles received agree with the COC? Yes No N/A
- 4. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No
- 5. VOAs checked for Headspace? Yes No N/A
- 6. Were sample custody seals intact? Yes No N/A
- 7. If required, was sample split for pH analysis? Yes No N/A
- 8. Were all analyses within holding times at time of receipt? Yes No
- 9. Verify sample date, time sampler Yes No

Sign and date the COC, place in a ziplock and put in the same ice chest as the samples.

Sample Receipt Review completed by (initials): KM

Sample Receipt at SP:

1. Were samples received in a chilled condition? Temps: 5 4 4 2 4 3
Acceptable is above freezing to 6° C. If many packages are received at one time check for tests/H.T.'s/rushes/

2. Shipping tracking numbers:
D1001723452093, D1001723449070, D10010723418994, D10010723449553, D100107234490014

- 3. Do the number of bottles received agree with the COC? Yes No N/A
- 4. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No D10010723449777
- 5. Were sample custody seals intact? Yes No N/A

Sign and date the COC, obtain LIMS sample numbers, select methods/tests and print labels.

Sample Verification, Labeling and Distribution:

- 1. Were all requested analyses understood and acceptable? Yes No
- 2. Did bottle labels correspond with the client's ID's? Yes No
- 3. Were all bottles requiring sample preservation properly preserved? Yes No N/A FGL
- 4. VOAs checked for Headspace? Yes No N/A
- 5. Have rush or project due dates been checked and accepted? Yes No N/A

Attach labels to the containers and include a copy of the COC for lab delivery.

Sample Receipt, Login and Verification completed by (initials): LD

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted: _____ Phone Number: _____
Initiated By: _____ Date: _____
Problem: _____
Resolution: _____

2. Person Contacted: _____
Initiated By: _____
Problem: _____
Resolution: _____

(8-514)
Cleath-Harris Geologists
CC 1483721

IV-10/15/2014-08:20:00

re

(Please use the back of this sheet for additional comm contacts)

October 28, 2014

Cleath-Harris Geologists
 Attn: Spencer Harris
 71 Zaca Lane
 Suite 140
 San Luis Obispo, CA 93401

Lab ID : CC 1483747
 Customer : 8-514

Laboratory Report

Introduction: This report package contains total of 5 pages divided into 3 sections:

Case Narrative	(2 pages) : An overview of the work performed at FGL.
Sample Results	(2 pages) : Results for each sample submitted.
Quality Control	(1 page) : Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
Travel Blank	10/16/2014	10/16/2014	CC 1483747-000	LBW
Well #2	10/16/2014	10/16/2014	CC 1483747-001	DW

Sampling and Receipt Information: All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples arrived on ice. All samples were prepared and analyzed within the method specified hold time. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Organic QC

524.2	10/24/2014:216377 All analysis quality controls are within established criteria
	10/23/2014:216432 All analysis quality controls are within established criteria
	10/24/2014:212665 All preparation quality controls are within established criteria
	10/23/2014:212668 All preparation quality controls are within established criteria

October 28, 2014
Cleath-Harris Geologists

Lab ID : CC 1483747
Customer : 8-514

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.**



Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2014-10-28



October 28, 2014

Lab ID : CC 1483747-000

Customer ID : 8-514

Cleath-Harris Geologists

Attn: Spencer Harris

71 Zaca Lane

Suite 140

San Luis Obispo, CA 93401

Description : Travel Blank

Project : Dalidio

Sampled On : October 16, 2014-00:00

Sampled By : Bryce Pfeifle

Received On : October 16, 2014-13:00

Matrix : Lab. Blank Water

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2 ^{VOA.13}								
4-Bromofluorobenzene [‡]	85.2	70-130	%		524.2	10/24/14:212665	524.2	10/24/14:216377
1,2-Dichlorobenzene-d4 [‡]	85.8	70-130	%		524.2	10/24/14:212665	524.2	10/24/14:216377
Tetrachloroethylene	ND	0.5	ug/L		524.2	10/24/14:212665	524.2	10/24/14:216377

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (VOA) VOA Preservatives: HCl pH < 2 ‡Surrogate. * PQL adjusted for dilution.



October 28, 2014

Lab ID : CC 1483747-001

Customer ID : 8-514

Cleath-Harris Geologists

Attn: Spencer Harris

71 Zaca Lane

Suite 140

San Luis Obispo, CA 93401

Description : Well #2

Project : Dalidio

Sampled On : October 16, 2014-11:10

Sampled By : Bryce Pfeifle

Received On : October 16, 2014-13:00

Matrix : Drinking Water

Sample Result - Organic

Constituent	Result	PQL	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2 ^{VOA,1,3}								
4-Bromofluorobenzene [‡]	85.0	70-130	%		524.2	10/23/14:212668	524.2	10/23/14:216432
1,2-Dichlorobenzene-d4 [‡]	84.5	70-130	%		524.2	10/23/14:212668	524.2	10/23/14:216432
Tetrachloroethylene	8.1	0.5	ug/L	5	524.2	10/23/14:212668	524.2	10/23/14:216432

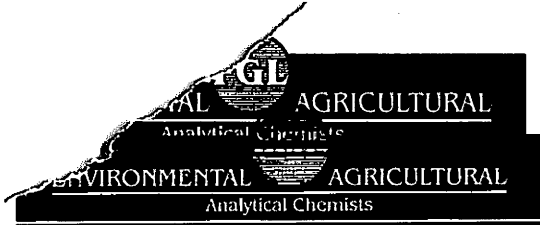
ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (VOA) VOA Preservatives: HCl pH < 2 ‡Surrogate. * PQL adjusted for dilution. MCL = Maximum Contamination Level. 2 - Secondary Standard. 3 - CDPH Notification Level. AL = Regulatory Action Level.

October 28, 2014
Cleath-Harris Geologists

Lab ID : CC 1483747
Customer : 8-514

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note	
Organic 1,2-Dichlorobenzene-d4	524.2	10/23/14:212668VRG (SP 1412218-001)	Blank	ug/L	10.00	83.4 %	70-130		
			MS	ug/L	10.00	93.2 %	70-130		
			MSD	ug/L	10.00	99.5 %	70-130		
			MSRPD	ug/L	10.00	6.5%	≤20		
	524.2	10/23/14:216432SBL	CCV	ug/L	10.00	92.3 %	70-130		
	524.2	10/24/14:212665VRG (CC 1483814-001)	Blank	ug/L	10.00	80.8 %	70-130		
			MS	ug/L	10.00	94.7 %	70-130		
			MSD	ug/L	10.00	96.8 %	70-130		
			MSRPD	ug/L	10.00	2.2%	≤20		
	524.2	10/24/14:216377SBL	CCV	ug/L	10.00	102 %	70-130		
	4-Bromofluorobenzene	524.2	10/23/14:212668VRG (SP 1412218-001)	Blank	ug/L	10.00	87.6 %	70-130	
				MS	ug/L	10.00	97.1 %	70-130	
MSD				ug/L	10.00	102 %	70-130		
MSRPD				ug/L	10.00	5.0%	≤30		
524.2		10/24/14:212665VRG (CC 1483814-001)	Blank	ug/L	10.00	85.7 %	70-130		
			MS	ug/L	10.00	101 %	70-130		
			MSD	ug/L	10.00	103 %	70-130		
			MSRPD	ug/L	10.00	1.8%	≤30		
4-Bromofluorobenzene (BFB)	524.2	10/23/14:216432SBL	CCV	ug/L	10.00	96.9 %	70-130		
	524.2	10/24/14:216377SBL	CCV	ug/L	10.00	102 %	70-130		
Tetrachloroethylene (PCE)	524.2	10/23/14:212668VRG (SP 1412218-001)	Blank	ug/L	10.00	ND	<0.5		
			MS	ug/L	10.00	88.4 %	14-186		
			MSD	ug/L	10.00	77.5 %	14-186		
			MSRPD	ug/L	10.00	13.1%	≤33		
	524.2	10/23/14:216432SBL	CCV	ug/L	10.00	78.2 %	70-130		
	524.2	10/24/14:212665VRG (CC 1483814-001)	Blank	ug/L	10.00	ND	<0.5		
			MS	ug/L	10.00	80.4 %	14-186		
			MSD	ug/L	10.00	94.8 %	14-186		
			MSRPD	ug/L	10.00	16.5%	≤33		
	524.2	10/24/14:216377SBL	CCV	ug/L	10.00	76.6 %	70-130		
	Definition								
	CCV			: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.					
Blank			: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.						
MS			: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.						
MSD			: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.						
MSRPD			: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.						
ND			: Non-detect - Result was below the DQO listed for the analyte.						
DQO			: Data Quality Objective - This is the criteria against which the quality control data is compared.						



CHAIN OF CUSTODY
AND ANALYSIS REQUEST DOCUMENT

www.fglinc.com

		Lab Number: CL483747	TEST DESCRIPTION AND ANALYSES REQUESTED				
Client: Cleath-Harris Geologists Customer Number: 8000514 Address: Attn: 71 Zaca Lane Suite 140 Phone: (805)543-1413 Fax: (805)543-1411 Email Address: Contact Person: Project Name: David's Purchase Order Number: Quote Number:							
Sampler(s): B. Pfeifle							
Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: _____ Time: _____							
Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite (C) Grab (G)	Number of Containers	Type of Containers: Glass (G) Plastic (P) VOA (V) Metal Tube (MT) Potable (P) Non-Potable (NP) Ag Water (AgW) Surface Water (SW) Monitoring Well (MW) Ground Water (GW) Travel Blank (TB) Waste Water (WW) Drinking Water (DW) Soil (S) Sludge (SLG) Solid (SLD) Oil (O) Bact: System (Sys) Source (SRC) Waste (W) Bact: Routine (ROUT) Repeat (RPT) Other (OTH) Replace (RPL) Special (SPL) Leaf Tissue (LT) Petiole Tissue (PET) Produce (PRD) Preservative: (1) NaOH + ZnAc, (2) NaOH, (3) HCl (4) H2SO4, (5) HNO3, (6) Na2S2O3, (7) Other	
	Well 2	10/16/14	1100	G	4 G	DW	
0	Trawl Blank	↓	↓	G	2 G	DW	
X PCE X							
Remarks				Relinquished Date: Time: B. Pfeifle 10/16/14 1300		Relinquished Date: Time: Gruden 10/16/14 1700	
Received By: Gruden				Received By: Date: Time: Gruden ↓ ↓		Received By: Date: Time: Gruden 10/17/14 1000	

Inter-Laboratory Condition Upon Receipt (Attach to COC) CC1483747

Sample Receipt at: STK CC CH VI

1. Number of ice chests/packages received: 1 Shipping tracking # OTC

2. Were samples received in a chilled condition? Temps: 20/1/1/1/1
Surface water SWTR bact samples: A sample that has a temperature upon receipt of >10° C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.

- 3. Do the number of bottles received agree with the COC? Yes No N/A
- 4. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No
- 5. VOAs checked for Headspace? Yes No N/A
- 6. Were sample custody seals intact? Yes No N/A
- 7. If required, was sample split for pH analysis? Yes No N/A
- 8. Were all analyses within holding times at time of receipt? Yes No
- 9. Verify sample date, time sampler Yes No

Sign and date the COC, place in a ziplock and put in the same ice chest as the samples.

Sample Receipt Review completed by (initials): JL

Sample Receipt at SP:

1. Were samples received in a chilled condition? Temps: 2, 3, 3, 3 ^{10/17/19}
Acceptable is above freezing to 6° C. If many packages are received at one time check for tests/H.T.'s/rushes/

2. Shipping tracking numbers: 010010724087922 / 8079 / 120772

- 3. Do the number of bottles received agree with the COC? Yes No N/A
- 4. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No
- 5. Were sample custody seals intact? Yes No N/A

Sign and date the COC, obtain LIMS sample numbers, select methods/tests and print labels.

Sample Verification, Labeling and Distribution:

- 1. Were all requested analyses understood and acceptable? Yes No
- 2. Did bottle labels correspond with the client's ID's? Yes No
- 3. Were all bottles requiring sample preservation properly preserved? Yes No N/A FGL
- 4. VOAs checked for Headspace? Yes No N/A
- 5. Have rush or project due dates been checked and accepted? Yes No N/A

Attach labels to the containers and include a copy of the COC for lab delivery.

Sample Receipt, Login and Verification completed by (initials): [Signature]

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted: _____ Phone Number: _____
Initiated By: _____ Date: _____
Problem:
Resolution:

2. Person Contacted: _____
Initiated By: _____
Problem:
Resolution:

(8-514)
Cleath-Harris Geologists
CC 1483747

(Please use the back of this sheet for additional comment: contacts)

October 27, 2014

Cleath-Harris Geologists
 Attn: Spencer Harris
 71 Zaca Lane
 Suite 140
 San Luis Obispo, CA 93401

Lab ID : CC 1483848
 Customer : 8-514

Laboratory Report

Introduction: This report package contains total of 4 pages divided into 3 sections:

Case Narrative	(1 pages) : An overview of the work performed at FGL.
Sample Results	(2 pages) : Results for each sample submitted.
Quality Control	(1 page) : Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
Travel Blank	10/23/2014	10/23/2014	CC 1483848-000	LBW
Well #5	10/23/2014	10/23/2014	CC 1483848-001	DW

Sampling and Receipt Information: All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples arrived on ice. All samples were prepared and analyzed within the method specified hold time. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.


Quality Control: All samples were prepared and analyzed according to the following tables:

Organic QC

524.2	10/24/2014:216377 All analysis quality controls are within established criteria
	10/24/2014:212665 All preparation quality controls are within established criteria

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

Approved By **Kelly A. Dunnahoo, B.S.**

 Digitally signed by Kelly A. Dunnahoo, B.S.
 Title: Laboratory Director
 Date: 2014-10-27

KD:DMB



October 27, 2014

Lab ID : CC 1483848-000

Customer ID : 8-514

Cleath-Harris Geologists

Attn: Spencer Harris

71 Zaca Lane

Suite 140

San Luis Obispo, CA 93401

Description : Travel Blank

Project : Dalidio

Sampled On : October 23, 2014-00:00

Sampled By : Bryce Pfeifle

Received On : October 23, 2014-10:821

Matrix : Lab. Blank Water

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2 ^{VOA.13}								
4-Bromofluorobenzene [‡]	95.2	70-130	%		524.2	10/24/14:212665	524.2	10/24/14:216377
1,2-Dichlorobenzene-d4 [‡]	91.1	70-130	%		524.2	10/24/14:212665	524.2	10/24/14:216377
Tetrachloroethylene	ND	0.5	ug/L		524.2	10/24/14:212665	524.2	10/24/14:216377

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (VOA) VOA Preservatives: HCl pH < 2 ‡Surrogate. * PQL adjusted for dilution.



October 27, 2014

Lab ID : CC 1483848-001

Customer ID : 8-514

Cleath-Harris Geologists

Attn: Spencer Harris

71 Zaca Lane

Suite 140

San Luis Obispo, CA 93401

Description : Well #5

Project : Dalidio

Sampled On : October 23, 2014-10:30

Sampled By : Bryce Pfeifle

Received On : October 23, 2014-10:821

Matrix : Drinking Water

Sample Result - Organic

Constituent	Result	PQL	Units	MCL/AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2 ^{VOA,13}								
4-Bromofluorobenzene [‡]	89.1	70-130	%		524.2	10/24/14:212665	524.2	10/24/14:216377
1,2-Dichlorobenzene-d4 [‡]	86.4	70-130	%		524.2	10/24/14:212665	524.2	10/24/14:216377
Tetrachloroethylene	9.5	0.5	ug/L	5	524.2	10/24/14:212665	524.2	10/24/14:216377

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (VOA) VOA Preservatives: HCl pH < 2 ‡Surrogate. * PQL adjusted for dilution. MCL = Maximum Contamination Level. 2 - Secondary Standard. 3 - CDPH Notification Level. AL = Regulatory Action Level.



October 27, 2014
Cleath-Harris Geologists

Lab ID : CC 1483848
 Customer : 8-514

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic 1,2-Dichlorobenzene-d4	524.2	10/24/14:212665VRG (CC 1483814-001)	Blank	ug/L	10.00	80.8 %	70-130	
			MS	ug/L	10.00	94.7 %	70-130	
			MSD	ug/L	10.00	96.8 %	70-130	
			MSRPD	ug/L	10.00	2.2%	≤20	
	524.2	10/24/14:216377SBL	CCV	ug/L	10.00	102 %	70-130	
4-Bromofluorobenzene	524.2	10/24/14:212665VRG (CC 1483814-001)	Blank	ug/L	10.00	85.7 %	70-130	
			MS	ug/L	10.00	101 %	70-130	
			MSD	ug/L	10.00	103 %	70-130	
			MSRPD	ug/L	10.00	1.8%	≤30	
4-Bromofluorobenzene (BFB)	524.2	10/24/14:216377SBL	CCV	ug/L	10.00	102 %	70-130	
Tetrachloroethylene (PCE)	524.2	10/24/14:212665VRG (CC 1483814-001)	Blank	ug/L		ND	<0.5	
			MS	ug/L	10.00	80.4 %	14-186	
			MSD	ug/L	10.00	94.8 %	14-186	
			MSRPD	ug/L	10.00	16.5%	≤33	
	524.2	10/24/14:216377SBL	CCV	ug/L	10.00	76.6 %	70-130	
Definition								
CCV			: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.					
Blank			: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.					
MS			: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.					
MSD			: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.					
MSRPD			: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.					
ND			: Non-detect - Result was below the DQO listed for the analyte.					
DQO			: Data Quality Objective - This is the criteria against which the quality control data is compared.					

Lab Number:
CC1483848

TEST DESCRIPTION AND ANALYSES REQUESTED

RUSH
 by Madrosom
 Oct 29th
 K.D.

Client: Cleath-Harris Geologists
 Customer Number: 8000514
 Address: Attn: 71 Zaca Lane Suite 140
 Phone: (805)543-1413 Fax: (805)543-1411
 Email Address:
 Contact Person:
 Project Name: *Palidlo*
 Purchase Order Number:
 Quote Number:
 Sampler(s): *B. Pfelele*
 Sampling Fee: _____ Pickup Fee: _____
 Composer Setup Date: _____ Time: _____

Sample Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite (C) Grab (G)	Number of Containers	Type of Containers: Glass (G) Plastic (P) VOA (V) Metal Tube (MT)	Potable (P) Non-Potable (NP) Ag Water (AgW)	Surface Water (SW) Monitoring Well (MW) Ground Water (GW) Travel Blank (TB) Waste Water (WW) Drinking Water (DW)	Soil (S) Sludge (SLG) Solid (SLD) Oil (O)	Bact: System (Sys) Source (SRC) Waste (W)	Bact: Routine (ROUT) Repeat (RPT) Other (OTH) Replace (RPL) Special (SPL)	Leaf Tissue (LT) Petiole Tissue (PET) Produce (PRD)	Preservative: (1) NaOH + ZnAc, (2) NaOH, (3) HCl (4) H2SO4, (5) HNO3, (6) Na2S2O3, (7) Other
<i>WELL #5</i>	<i>Travel Blank</i>	<i>10/23/14</i>	<i>1030</i>	<i>G</i>	<i>4</i>	<i>G</i>		<i>DW</i>					<i>PCE</i>
<i>6</i>		<i>6</i>		<i>G</i>	<i>2</i>	<i>G</i>		<i>TB</i>					<i>XX</i>

Relinquished Date: _____ Time: _____
 Received By: *grosk* Date: *10/23/14* Time: *1106*

Relinquished Date: _____ Time: _____
 Received By: *grosk* Date: *10/23/14* Time: *1106*

Relinquished Date: _____ Time: _____
 Received By: *anna* Date: *10/23/14* Time: *1106*

Relinquished Date: _____ Time: _____
 Received By: *Jeffrey Lopez* Date: *10/23/14* Time: *1106*

Corporate Offices & Laboratory
 853 Conception Street
 Corona, CA 92608
 Phone: (805) 392-2000
 Env Fax: (805) 525-4172 / Ag Fax: (805) 392-2063

Office & Laboratory
 2500 Stancovich Road
 San Diego, CA 92115
 Phone: (209) 942-0182
 Fax: (209) 942-0423

Office & Laboratory
 563 E. Lindo Avenue
 Corona, CA 92626
 Phone: (530) 343-5818
 Fax: (530) 343-3807

Office & Laboratory
 3442 Empressa Drive, Suite D
 San Diego, CA 92108
 Phone: (805) 783-2940
 Fax: (805) 783-2912

Office & Laboratory
 8415 W. Goshen Avenue
 Visalia, CA 93281
 Phone: (559) 734-9473
 Fax: (559) 734-8435

October 30, 2014

Lab ID : CC 1483883-000

Customer ID : 8-5

City of San Luis Obispo

Water Reclamation Facility

Attn: Anne Fairchild

35 Prado Rd.

San Luis Obispo, CA 93401

Description : Travel Blank

Project : Ground Water Monitoring

Sampled On : October 27, 2014-11:05

Sampled By : MA

Received On : October 27, 2014-11:50

Matrix : Lab. Blank Water

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2 ^{VOA.13}								
4-Bromofluorobenzene [‡]	93.5	70-130	%		524.2	10/29/14:212714	524.2	10/29/14:216545
1,2-Dichlorobenzene-d4 [‡]	91.3	70-130	%		524.2	10/29/14:212714	524.2	10/29/14:216545
Tetrachloroethylene	ND	0.5	ug/L		524.2	10/29/14:212714	524.2	10/29/14:216545
Trichloroethylene	ND	0.5	ug/L		524.2	10/29/14:212714	524.2	10/29/14:216545

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (VOA) VOA Preservatives: HCl pH < 2 ‡Surrogate. * PQL adjusted for dilution.

October 30, 2014

Lab ID : CC 1483883-001

Customer ID : 8-5

City of San Luis Obispo

Water Reclamation Facility

Attn: Anne Fairchild

35 Prado Rd.

San Luis Obispo, CA 93401

Description : Corp Yard Well

Project : Ground Water Monitoring

Sampled On : October 27, 2014-11:24

Sampled By : MA

Received On : October 27, 2014-11:50

Matrix : Ground Water

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2 ^{VOA.13}								
4-Bromofluorobenzene [‡]	93.0	70-130	%		524.2	10/29/14:212714	524.2	10/29/14:216545
1,2-Dichlorobenzene-d4 [‡]	94.4	70-130	%		524.2	10/29/14:212714	524.2	10/29/14:216545
Tetrachloroethylene	1.3	0.5	ug/L		524.2	10/29/14:212714	524.2	10/29/14:216545
Trichloroethylene	ND	0.5	ug/L		524.2	10/29/14:212714	524.2	10/29/14:216545

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (VOA) VOA Preservatives: HCl pH < 2 ‡Surrogate. * PQL adjusted for dilution.

October 30, 2014

Lab ID : CC 1483883-002

Customer ID : 8-5

City of San Luis Obispo

Water Reclamation Facility

Attn: Anne Fairchild

35 Prado Rd.

San Luis Obispo, CA 93401

Description : CJAR City Farm Well

Project : Ground Water Monitoring

Sampled On : October 27, 2014-11:05

Sampled By : MA

Received On : October 27, 2014-11:50

Matrix : Ground Water

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
EPA 524.2 ^{VOA.13}								
4-Bromofluorobenzene [‡]	93.7	70-130	%		524.2	10/29/14:212714	524.2	10/29/14:216545
1,2-Dichlorobenzene-d4 [‡]	91.4	70-130	%		524.2	10/29/14:212714	524.2	10/29/14:216545
Tetrachloroethylene	10.4	0.5	ug/L		524.2	10/29/14:212714	524.2	10/29/14:216545
Trichloroethylene	ND	0.5	ug/L		524.2	10/29/14:212714	524.2	10/29/14:216545

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (VOA) VOA Preservatives: HCl pH < 2 ‡Surrogate. * PQL adjusted for dilution.