

May 24, 2013

Mr. Justin Park  
Project Manager  
The Wieland-Davco Corporation  
4162 English Oak Drive  
Lansing, Michigan 48911  
Email: [Justin.park@wieland-davco.com](mailto:Justin.park@wieland-davco.com)  
Phone: 517-372-8650

Re: **Phase II Environmental Site Assessment**  
Commercial Property  
3303 and 3355 Via Lido  
Newport Beach, California  
PSI Project Number: 0559951

Dear Mr. Park:

Professional Services Industries (PSI) is pleased to report our findings of the Phase II Environmental Site Assessment (ESA) conducted at the abovementioned subject property. This assessment was conducted in general accordance with PSI proposal number 559-92657r and Wieland-Davco change order number 002-07, dated May 22, 2013. Below is a summary of our project understanding, field activities, laboratory analyses, and conclusions and recommendations.

## **PROJECT UNDERSTANDING**

In August of 2012, PSI conducted a review of a previous environmental assessment conducted at the subject property. PSI's review identified the following evidence of a recognized environmental condition at the subject property.

- The northwest adjoining property is developed with a dry cleaner; and according to personnel, dry cleaning is performed on-site. Based on the inherent environmental risk associated with this type of business, the adjacent dry cleaner is considered to represent a recognized environmental condition (REC) in connection with the subject property.

PSI recommended that a Phase II ESA be conducted to determine if the subject property has been negatively impacted from the previously mentioned recognized environmental condition.

## **FIELD ACTIVITIES**

Drilling and sampling operations were directed by a PSI field supervisor, and all field personnel were OSHA trained in accordance with 29 CFR 1910.120. Prior to subsurface drilling activities, PSI notified utility service alert in accordance with local practices. Equipment decontamination, sample collection, field documentation, sample custody, and laboratory analyses were performed in general accordance with methods prescribed by the United States Environmental Protection Agency (USEPA).

### **Preliminary Activities and Geophysical Survey**

Prior to the start of fieldwork, PSI conducted a site walk to mark proposed boring locations and prepared a Health and Safety Plan. PSI notified Underground Service Alert (USA) at least 48-hours prior to any fieldwork to identify underground public utilities in the vicinity of the site.

Additionally, PSI contracted a private geophysical survey firm to survey the parking lot of the subject property to independently clear the boring locations.

### **Sampling Activities**

Direct-push drilling equipment, operated by Strongarm Environmental Field Services of Norwalk, California, was used to collect soil vapor, soil, and groundwater samples from three boring locations (B1, B2, and B3) in the northwest portion of the property along the property line (see attached figure). Soil vapor samples were collected from a depth of four feet below ground surface (ftbgs), soil samples were collected from 5 ftbgs, and groundwater was collected from approximately 7 ftbgs in each boring. All samples were placed in a cooler for transport to the laboratory under chain of custody protocol.

All soil samples were observed for lithology and screened in the field using a photoionization detector (PID); soil boring logs are attached for reference. The soils at the subject property were observed to primarily consist of a mixture of beach sands and silty sands. Groundwater was encountered at approximately 7 ftbgs in each boring. Based on field observations and PID readings, one sample from each boring was selected for laboratory analysis.

Following completion of soil and groundwater sampling, a soil vapor probe was installed at each of the soil boring locations. All probes were installed at a depth of approximately 4 ftbgs. PSI collected a soil vapor sample at each location using a tedlar bag and vacuum box.

Following completion of all sampling activities, all boring locations were backfilled with hydrated bentonite chips and resurfaced to match existing conditions.

## **LABORATORY ANALYSIS**

Soil vapor, soil, and groundwater samples were analyzed by Calscience Environmental Laboratories, Inc. of Garden Grove, California. Soil vapor samples were analyzed for chlorinated solvents using USEPA Method TO-15. Selected soil samples and groundwater samples were analyzed for chlorinated solvents by USEPA Method 8260.

Analytical results indicate that chlorinated solvent concentrations are below the laboratory reporting limits and regulatory limits for all the samples tested. A laboratory report, along with chain of custody documentation, is attached.

## **CONCLUSIONS AND RECOMMENDATIONS**

Laboratory analyses of the soil vapor, soil, and groundwater samples tested did not detect concentrations of chlorinated solvents above the laboratory reporting limit or regulatory limit.

Based on the finding and conclusions presented in this assessment, no further assessment is recommended at this time.

## **STATEMENT OF LIMITATIONS AND PROFESSIONAL CERTIFICATION**

The information provided in this report prepared by PSI, Project Number 0559951, is intended exclusively for Wieland-Davco as it pertains to the subject property located at 3303 and 3355 Via Lido in Newport Beach, California, at the time and place the activities were conducted. The professional services provided have been performed with the signed project agreement and in accordance with practices generally accepted by other appropriate environmental professionals, geologists, engineers, hydrologists, hydrogeologists, and environmental scientists practicing in this field. No other warranty, either expressed or implied, is made. As with all investigations, there is no guarantee that the work conducted has identified any and all sources or locations of petroleum hydrocarbons or hazardous substances or chemicals.

If you have any questions or require additional information, please contact us at (714) 484-8600.

Respectfully submitted,  
**PROFESSIONAL SERVICE INDUSTRIES, INC.**

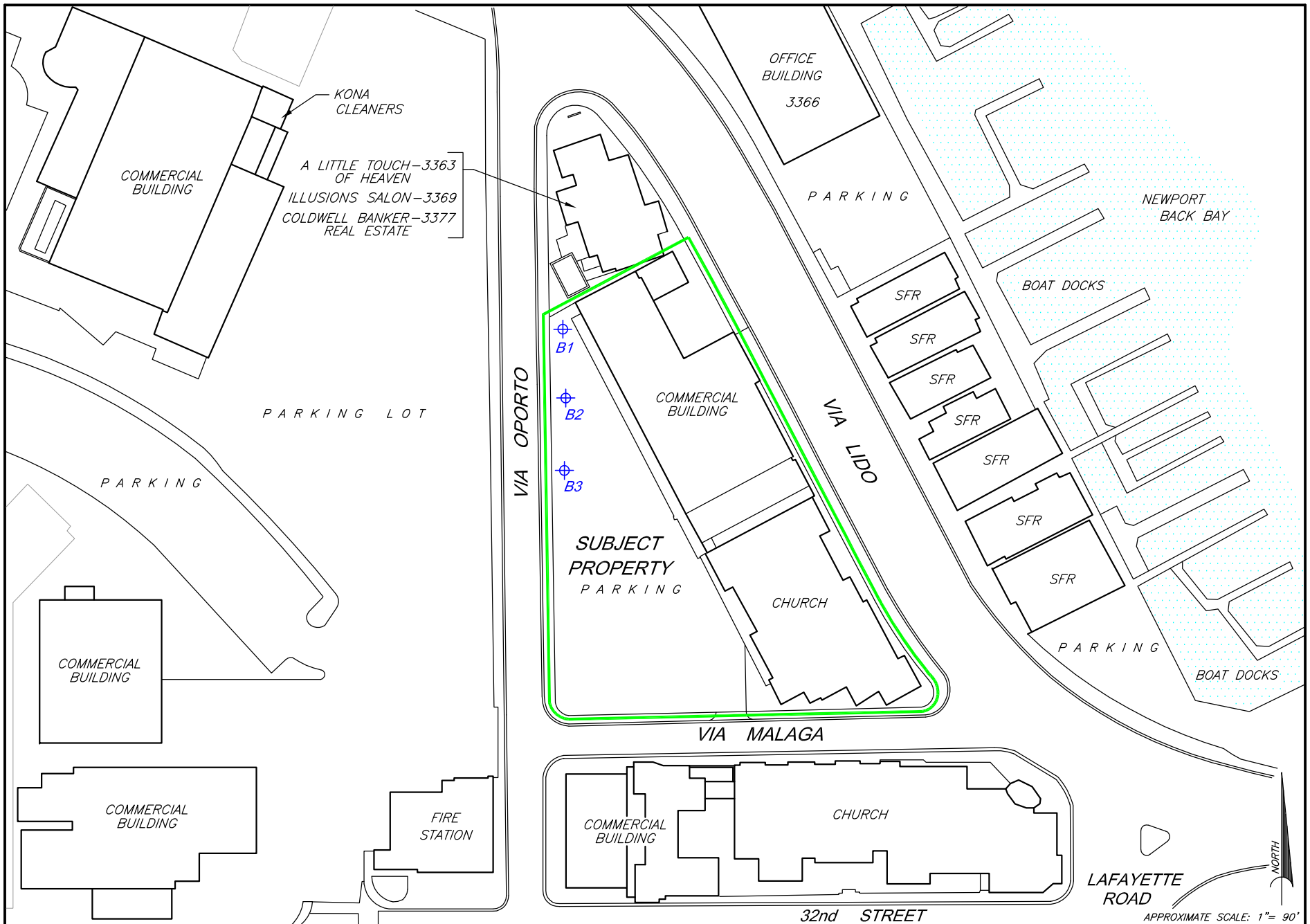


Eric Fraske, PE  
Project Manager




Lloyd Guss, PG  
Principal Consultant

Attachments: Figure  
Boring Logs  
Laboratory Report



**LEGEND:**

-  - BORING LOCATION  
(PSI, MAY 22, 2013)
- SFR - SINGLE FAMILY RESIDENCE

 <b>Information To Build On</b> <b>Engineering · Consulting · Testing</b> <b>ENVIRONMENTAL SERVICES</b> <small>6330 Gateway Drive, Suite B          Cypress, California 90630          (714) 484-8600</small>	PROJECT NAME: <b>COMMERCIAL BUILDING/CHURCH</b> <small>3303/3355 VIA LIDO          NEWPORT BEACH, CALIFORNIA 92663</small>		DRAWN BY: EFD	DATE: 5/22/13	FILE NO.: 951-02	FIGURE NO.: 2
	TITLE: <b>PHASE II ENVIRONMENTAL SITE ASSESSMENT</b>		APPROVED BY: E.F.	PROJECT NO.: 0559951		

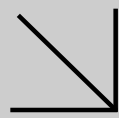
APPROXIMATE SCALE: 1" = 90'











# CALSCIENCE

WORK ORDER NUMBER: 13-05-1604

*The difference is service*



AIR | SOIL | WATER | MARINE CHEMISTRY

## Analytical Report For

**Client:** PSI

**Client Project Name:** Via Lido, Newport Bch. / 559

**Attention:** Eric Fraske  
6330 Gateway Drive, Suite B  
Cypress, CA 90630-4844

Approved for release on 05/23/2013 by:  
Kristin Beckley  
Project Manager

ResultLink ▶

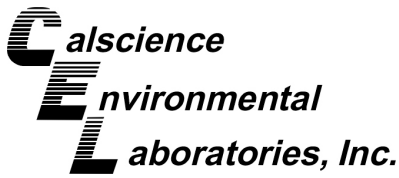
Email your PM ▶



Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.







# Contents

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Client Project Name: Via Lido, Newport Bch. / 559

Work Order Number: 13-05-1604

1	Work Order Narrative. . . . .	3
2	Sample Summary. . . . .	4
3	Client Sample Data. . . . .	5
	3.1 EPA TO-15 (M) Full List (Air). . . . .	5
	3.2 EPA 8260B Volatile Organics (Aqueous). . . . .	7
	3.3 EPA 8260B Volatile Organics (Soil). . . . .	9
4	Quality Control Sample Data. . . . .	11
	4.1 MS/MSD. . . . .	11
	4.2 LCS/LCSD. . . . .	13
5	Glossary of Terms and Qualifiers. . . . .	17
6	Chain of Custody/Sample Receipt Form. . . . .	18

**Work Order Narrative**

Work Order: 13-05-1604

Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain of Custody (COC) on 05/22/13. They were assigned to Work Order 13-05-1604.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with an immediate holding time (HT  $\leq$  15 minutes --40CFR-136.3 Table II footnote 4), is considered a "field" test and reported samples results are not flagged unless the analysis is performed beyond 24 hours of the time of collection.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

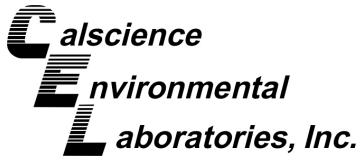
**Additional Comments:**

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Vinyl Chloride exceeded QC criteria for % recovery on the laboratory control spike analysis in batch 130522L01 on GCMS PP. The % recovery on the laboratory control spike for this analyte was above the upper control limit of 122%. Vinyl chloride met QC criteria for % recovery on the matrix spike and matrix spike duplicate analysis in this batch and was non-detect (ND) for all associated samples.

**Subcontractor Information:**

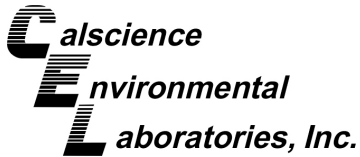
Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.



## Sample Summary

Client: PSI	Work Order: 13-05-1604
6330 Gateway Drive, Suite B	Project Name: Via Lido, Newport Bch. / 559
Cypress, CA 90630-4844	PO Number:
	Date Received: 05/22/13
Attn: Eric Fraske	

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
B1-5	13-05-1604-1	05/22/13 08:50	1	Soil
B1-W	13-05-1604-2	05/22/13 09:10	3	Aqueous
B1-SG	13-05-1604-3	05/22/13 10:45	1	Air
B2-5	13-05-1604-4	05/22/13 09:30	1	Soil
B2-W	13-05-1604-5	05/22/13 09:45	3	Aqueous
B2-SG	13-05-1604-6	05/22/13 10:50	1	Air
B3-5	13-05-1604-7	05/22/13 10:05	1	Soil
B3-W	13-05-1604-8	05/22/13 10:25	3	Aqueous
B3-SG	13-05-1604-9	05/22/13 10:55	1	Air



## Analytical Report

PSI  
6330 Gateway Drive, Suite B  
Cypress, CA 90630-4844

Date Received: 05/22/13  
Work Order: 13-05-1604  
Preparation: N/A  
Method: EPA TO-15M  
Units: ug/m3

Project: Via Lido, Newport Bch. / 559

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B1-SG</b>	<b>13-05-1604-3-A</b>	<b>05/22/13 10:45</b>	<b>Air</b>	<b>GC/MS AA</b>	<b>N/A</b>	<b>05/22/13 16:40</b>	<b>130522L01</b>

Comment(s): - The method has been modified to use Tedlar Bags instead of Summa canisters and is not NY NELAC accredited.

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloroethene	ND	5.0	2.5	
c-1,2-Dichloroethene	ND	5.0	2.5	
t-1,2-Dichloroethene	ND	5.0	2.5	
Tetrachloroethene	ND	8.5	2.5	
Trichloroethene	ND	6.7	2.5	
Vinyl Chloride	ND	3.2	2.5	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	102	57-129	
1,2-Dichloroethane-d4	116	47-137	
Toluene-d8	102	78-156	

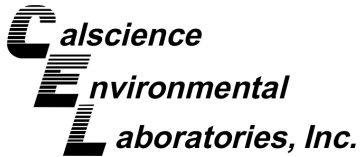
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B2-SG</b>	<b>13-05-1604-6-A</b>	<b>05/22/13 10:50</b>	<b>Air</b>	<b>GC/MS AA</b>	<b>N/A</b>	<b>05/22/13 17:28</b>	<b>130522L01</b>

Comment(s): - The method has been modified to use Tedlar Bags instead of Summa canisters and is not NY NELAC accredited.

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloroethene	ND	32	16	
c-1,2-Dichloroethene	ND	32	16	
t-1,2-Dichloroethene	ND	32	16	
Tetrachloroethene	ND	54	16	
Trichloroethene	ND	43	16	
Vinyl Chloride	ND	20	16	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	106	57-129	
1,2-Dichloroethane-d4	107	47-137	
Toluene-d8	100	78-156	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report

PSI  
6330 Gateway Drive, Suite B  
Cypress, CA 90630-4844

Date Received: 05/22/13  
Work Order: 13-05-1604  
Preparation: N/A  
Method: EPA TO-15M  
Units: ug/m3

Project: Via Lido, Newport Bch. / 559

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B3-SG	13-05-1604-9-A	05/22/13 10:55	Air	GC/MS AA	N/A	05/22/13 18:18	130522L01

Comment(s): - The method has been modified to use Tedlar Bags instead of Summa canisters and is not NY NELAC accredited.

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloroethene	ND	20	10	
c-1,2-Dichloroethene	ND	20	10	
t-1,2-Dichloroethene	ND	20	10	
Tetrachloroethene	ND	34	10	
Trichloroethene	ND	27	10	
Vinyl Chloride	ND	13	10	

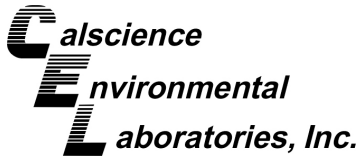
Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	105	57-129	
1,2-Dichloroethane-d4	110	47-137	
Toluene-d8	100	78-156	

Method Blank	099-12-981-3019	N/A	Air	GC/MS AA	N/A	05/22/13 15:51	130522L01
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Parameter	Result	RL	DF	Qualifiers
1,1-Dichloroethene	ND	2.0	1	
c-1,2-Dichloroethene	ND	2.0	1	
t-1,2-Dichloroethene	ND	2.0	1	
Tetrachloroethene	ND	3.4	1	
Trichloroethene	ND	2.7	1	
Vinyl Chloride	ND	1.3	1	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	57-129	
1,2-Dichloroethane-d4	104	47-137	
Toluene-d8	98	78-156	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report

PSI  
6330 Gateway Drive, Suite B  
Cypress, CA 90630-4844

Date Received: 05/22/13  
Work Order: 13-05-1604  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/L

Project: Via Lido, Newport Bch. / 559

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B1-W</b>	<b>13-05-1604-2-A</b>	<b>05/22/13 09:10</b>	<b>Aqueous</b>	<b>GC/MS V V</b>	<b>05/22/13</b>	<b>05/22/13 17:25</b>	<b>130522L01</b>

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloroethene	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1	
t-1,2-Dichloroethene	ND	1.0	1	
Tetrachloroethene	ND	1.0	1	
Trichloroethene	ND	1.0	1	
Vinyl Chloride	ND	0.50	1	

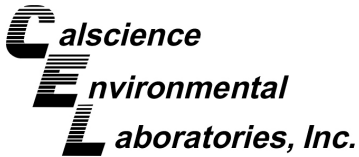
Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	80-120	
Dibromofluoromethane	99	80-126	
1,2-Dichloroethane-d4	90	80-134	
Toluene-d8	95	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B2-W</b>	<b>13-05-1604-5-A</b>	<b>05/22/13 09:45</b>	<b>Aqueous</b>	<b>GC/MS V V</b>	<b>05/22/13</b>	<b>05/22/13 17:54</b>	<b>130522L01</b>

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloroethene	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1	
t-1,2-Dichloroethene	ND	1.0	1	
Tetrachloroethene	ND	1.0	1	
Trichloroethene	ND	1.0	1	
Vinyl Chloride	ND	0.50	1	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	80-120	
Dibromofluoromethane	98	80-126	
1,2-Dichloroethane-d4	86	80-134	
Toluene-d8	93	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report

PSI  
6330 Gateway Drive, Suite B  
Cypress, CA 90630-4844

Date Received: 05/22/13  
Work Order: 13-05-1604  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/L

Project: Via Lido, Newport Bch. / 559

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B3-W	13-05-1604-8-A	05/22/13 10:25	Aqueous	GC/MS V V	05/22/13	05/22/13 18:24	130522L01

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloroethene	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1	
t-1,2-Dichloroethene	ND	1.0	1	
Tetrachloroethene	ND	1.0	1	
Trichloroethene	ND	1.0	1	
Vinyl Chloride	ND	0.50	1	

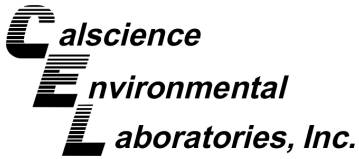
Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	101	80-126	
1,2-Dichloroethane-d4	88	80-134	
Toluene-d8	96	80-120	

Method Blank	099-14-001-11019	N/A	Aqueous	GC/MS V V	05/22/13	05/22/13 12:59	130522L01
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Parameter	Result	RL	DF	Qualifiers
1,1-Dichloroethene	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1	
t-1,2-Dichloroethene	ND	1.0	1	
Tetrachloroethene	ND	1.0	1	
Trichloroethene	ND	1.0	1	
Vinyl Chloride	ND	0.50	1	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	89	80-126	
1,2-Dichloroethane-d4	86	80-134	
Toluene-d8	95	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report

PSI  
6330 Gateway Drive, Suite B  
Cypress, CA 90630-4844

Date Received: 05/22/13  
Work Order: 13-05-1604  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: Via Lido, Newport Bch. / 559

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B1-5	13-05-1604-1-A	05/22/13 08:50	Soil	GC/MS PP	05/22/13	05/22/13 17:16	130522L01

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloroethene	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1	
t-1,2-Dichloroethene	ND	5.0	1	
Tetrachloroethene	ND	5.0	1	
Trichloroethene	ND	5.0	1	
Vinyl Chloride	ND	5.0	1	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	60-132	
Dibromofluoromethane	107	63-141	
1,2-Dichloroethane-d4	115	62-146	
Toluene-d8	99	80-120	

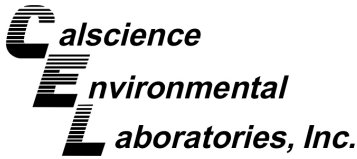
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B2-5	13-05-1604-4-A	05/22/13 09:30	Soil	GC/MS PP	05/22/13	05/22/13 17:44	130522L01

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloroethene	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1	
t-1,2-Dichloroethene	ND	5.0	1	
Tetrachloroethene	ND	5.0	1	
Trichloroethene	ND	5.0	1	
Vinyl Chloride	ND	5.0	1	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	60-132	
Dibromofluoromethane	109	63-141	
1,2-Dichloroethane-d4	116	62-146	
Toluene-d8	102	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.





## Analytical Report

PSI  
6330 Gateway Drive, Suite B  
Cypress, CA 90630-4844

Date Received: 05/22/13  
Work Order: 13-05-1604  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: Via Lido, Newport Bch. / 559

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B3-5	13-05-1604-7-A	05/22/13 10:05	Soil	GC/MS PP	05/22/13	05/22/13 18:12	130522L01

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloroethene	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1	
t-1,2-Dichloroethene	ND	5.0	1	
Tetrachloroethene	ND	5.0	1	
Trichloroethene	ND	5.0	1	
Vinyl Chloride	ND	5.0	1	

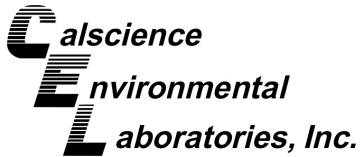
Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	60-132	
Dibromofluoromethane	107	63-141	
1,2-Dichloroethane-d4	112	62-146	
Toluene-d8	102	80-120	

Method Blank	099-12-796-7249	N/A	Soil	GC/MS PP	05/22/13	05/22/13 16:20	130522L01
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Parameter	Result	RL	DF	Qualifiers
1,1-Dichloroethene	ND	5.0	1	
c-1,2-Dichloroethene	ND	5.0	1	
t-1,2-Dichloroethene	ND	5.0	1	
Tetrachloroethene	ND	5.0	1	
Trichloroethene	ND	5.0	1	
Vinyl Chloride	ND	5.0	1	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	60-132	
Dibromofluoromethane	104	63-141	
1,2-Dichloroethane-d4	111	62-146	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Quality Control - Spike/Spike Duplicate

PSI  
6330 Gateway Drive, Suite B  
Cypress, CA 90630-4844

Date Received: 05/22/13  
Work Order: 13-05-1604  
Preparation: EPA 5030C  
Method: EPA 8260B

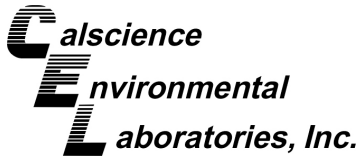
Project: Via Lido, Newport Bch. / 559

Page 1 of 2

Quality Control Sample ID	Matrix		Instrument		Date Prepared	Date Analyzed	MS/MSD Batch Number			
<b>13-05-1542-2</b>	<b>Aqueous</b>		<b>GC/MS V V</b>		<b>05/22/13</b>	<b>05/22/13 14:27</b>	<b>130522S01</b>			
Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	47.03	94	47.22	94	78-120	0	0-20	
Carbon Tetrachloride	ND	50.00	40.95	82	41.91	84	67-139	2	0-20	
Chlorobenzene	ND	50.00	53.49	107	53.24	106	80-120	0	0-20	
1,2-Dibromoethane	ND	50.00	49.06	98	49.87	100	80-123	2	0-20	
1,2-Dichlorobenzene	ND	50.00	53.23	106	52.91	106	76-120	1	0-20	
1,2-Dichloroethane	ND	50.00	49.34	99	49.47	99	76-130	0	0-20	
1,1-Dichloroethene	ND	50.00	42.01	84	40.77	82	70-130	3	0-27	
Ethylbenzene	ND	50.00	47.83	96	47.00	94	73-127	2	0-20	
Toluene	ND	50.00	48.67	97	47.90	96	72-126	2	0-20	
Trichloroethene	ND	50.00	47.98	96	48.01	96	74-122	0	0-20	
Vinyl Chloride	ND	50.00	50.55	101	48.90	98	65-131	3	0-24	
p/m-Xylene	ND	100.0	89.72	90	85.10	85	70-130	5	0-30	
o-Xylene	ND	50.00	47.01	94	45.45	91	70-130	3	0-30	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	39.35	79	45.62	91	69-123	15	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



## Quality Control - Spike/Spike Duplicate

PSI  
6330 Gateway Drive, Suite B  
Cypress, CA 90630-4844

Date Received: 05/22/13  
Work Order: 13-05-1604  
Preparation: EPA 5030C  
Method: EPA 8260B

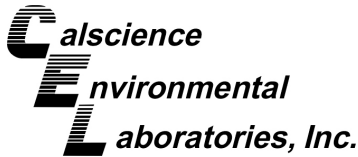
Project: Via Lido, Newport Bch. / 559

Page 2 of 2

Quality Control Sample ID	Matrix		Instrument		Date Prepared	Date Analyzed	MS/MSD Batch Number			
<b>B1-5</b>	<b>Soil</b>		<b>GC/MS PP</b>		<b>05/22/13</b>	<b>05/22/13 18:39</b>	<b>130522S01</b>			
Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	49.17	98	47.46	95	61-127	4	0-20	
Carbon Tetrachloride	ND	50.00	51.71	103	49.74	99	51-135	4	0-29	
Chlorobenzene	ND	50.00	49.84	100	46.49	93	57-123	7	0-20	
1,2-Dibromoethane	ND	50.00	50.56	101	47.55	95	64-124	6	0-20	
1,2-Dichlorobenzene	ND	50.00	48.69	97	46.47	93	35-131	5	0-25	
1,2-Dichloroethane	ND	50.00	54.19	108	50.95	102	80-120	6	0-20	
1,1-Dichloroethene	ND	50.00	54.03	108	52.77	106	47-143	2	0-25	
Ethylbenzene	ND	50.00	53.07	106	49.82	100	57-129	6	0-22	
Toluene	ND	50.00	51.10	102	48.63	97	63-123	5	0-20	
Trichloroethene	ND	50.00	51.32	103	49.91	100	44-158	3	0-20	
Vinyl Chloride	ND	50.00	53.64	107	55.43	111	49-139	3	0-47	
p/m-Xylene	ND	100.0	105.9	106	99.22	99	70-130	7	0-30	
o-Xylene	ND	50.00	53.37	107	51.01	102	70-130	5	0-30	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	51.93	104	50.08	100	57-123	4	0-21	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



## Quality Control - LCS/LCSD

PSI  
6330 Gateway Drive, Suite B  
Cypress, CA 90630-4844

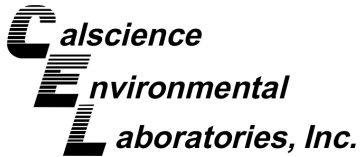
Date Received: 05/22/13  
Work Order: 13-05-1604  
Preparation: N/A  
Method: EPA TO-15M

Project: Via Lido, Newport Bch. / 559

Page 1 of 4

Quality Control Sample ID	Matrix			Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number			
<b>099-12-981-3019</b>	<b>Air</b>			<b>GC/MS AA</b>	<b>N/A</b>	<b>05/22/13 12:39</b>	<b>130522L01</b>			
Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Acetone	59.39	60.47	102	60.26	101	50-150	33-167	0	0-35	
Benzene	79.87	78.19	98	80.14	100	60-156	44-172	2	0-40	
Benzyl Chloride	129.4	148.2	115	148.1	114	50-150	33-167	0	0-35	
Bromodichloromethane	167.5	173.6	104	175.1	105	50-150	33-167	1	0-35	
Bromoform	258.4	291.1	113	286.9	111	50-150	33-167	1	0-38	
Bromomethane	97.08	102.7	106	99.87	103	50-150	33-167	3	0-35	
2-Butanone	73.73	83.24	113	83.58	113	50-150	33-167	0	0-35	
Carbon Disulfide	77.85	79.27	102	79.81	103	50-150	33-167	1	0-35	
Carbon Tetrachloride	157.3	166.1	106	165.4	105	64-154	49-169	0	0-32	
Chlorobenzene	115.1	114.9	100	116.7	101	50-150	33-167	2	0-35	
Chloroethane	65.96	58.55	89	57.12	87	50-150	33-167	2	0-35	
Chloroform	122.1	121.2	99	121.8	100	50-150	33-167	1	0-35	
Chloromethane	51.63	54.99	107	53.63	104	50-150	33-167	3	0-35	
Dibromochloromethane	213.0	224.9	106	224.8	106	50-150	33-167	0	0-35	
Dichlorodifluoromethane	123.6	126.0	102	121.4	98	50-150	33-167	4	0-35	
1,1-Dichloroethane	101.2	101.6	100	102.6	101	50-150	33-167	1	0-35	
1,1-Dichloroethene	99.12	100.5	101	100.8	102	50-150	33-167	0	0-35	
1,2-Dibromoethane	192.1	203.1	106	203.4	106	54-144	39-159	0	0-36	
Dichlorotetrafluoroethane	174.8	185.3	106	179.5	103	50-150	33-167	3	0-35	
1,2-Dichlorobenzene	150.3	156.9	104	157.6	105	34-160	13-181	0	0-47	
1,2-Dichloroethane	101.2	105.4	104	105.2	104	69-153	55-167	0	0-35	
1,2-Dichloropropane	115.5	115.0	99	117.3	102	67-157	52-172	2	0-35	
1,3-Dichlorobenzene	150.3	161.9	108	162.1	108	50-150	33-167	0	0-35	
1,4-Dichlorobenzene	150.3	155.6	103	155.9	104	36-156	16-176	0	0-47	
c-1,3-Dichloropropene	113.5	122.6	108	124.4	110	61-157	45-173	1	0-35	
c-1,2-Dichloroethene	99.12	99.91	101	101.5	102	50-150	33-167	2	0-35	
t-1,2-Dichloroethene	99.12	100.0	101	102.1	103	50-150	33-167	2	0-35	
t-1,3-Dichloropropene	113.5	128.9	114	129.8	114	50-150	33-167	1	0-35	
Ethylbenzene	108.6	110.4	102	110.6	102	52-154	35-171	0	0-38	
4-Ethyltoluene	122.9	126.6	103	126.5	103	50-150	33-167	0	0-35	
Hexachloro-1,3-Butadiene	266.6	265.0	99	270.5	101	50-150	33-167	2	0-35	
2-Hexanone	102.4	109.7	107	109.5	107	50-150	33-167	0	0-35	
Methyl-t-Butyl Ether (MTBE)	90.13	82.16	91	83.22	92	50-150	33-167	1	0-35	
Methylene Chloride	86.84	82.52	95	83.39	96	50-150	33-167	1	0-35	
4-Methyl-2-Pentanone	102.4	104.3	102	107.7	105	50-150	33-167	3	0-35	
o-Xylene	108.6	111.1	102	110.3	102	52-148	36-164	1	0-38	
p/m-Xylene	217.1	225.8	104	224.4	103	42-156	23-175	1	0-41	

RPD: Relative Percent Difference. CL: Control Limits



## Quality Control - LCS/LCSD

PSI  
6330 Gateway Drive, Suite B  
Cypress, CA 90630-4844

Date Received: 05/22/13  
Work Order: 13-05-1604  
Preparation: N/A  
Method: EPA TO-15M

Project: Via Lido, Newport Bch. / 559

Page 2 of 4

<u>Parameter</u>	<u>Spike Added</u>	<u>LCS Conc.</u>	<u>LCS %Rec.</u>	<u>LCSD Conc.</u>	<u>LCSD %Rec.</u>	<u>%Rec. CL</u>	<u>ME CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Styrene	106.5	106.9	100	106.7	100	50-150	33-167	0	0-35	
Tetrachloroethene	169.6	178.9	106	178.2	105	56-152	40-168	0	0-40	
Toluene	94.21	93.26	99	93.47	99	56-146	41-161	0	0-43	
Trichloroethene	134.3	139.3	104	140.7	105	63-159	47-175	1	0-34	
Trichlorofluoromethane	140.5	145.4	104	144.6	103	50-150	33-167	1	0-35	
1,1,2-Trichloro-1,2,2-Trifluoroethane	191.6	202.5	106	202.0	105	50-150	33-167	0	0-35	
1,1,1-Trichloroethane	136.4	142.5	104	143.1	105	50-150	33-167	0	0-35	
1,1,2-Trichloroethane	136.4	138.5	102	140.3	103	65-149	51-163	1	0-37	
1,3,5-Trimethylbenzene	122.9	125.4	102	125.1	102	50-150	33-167	0	0-35	
1,1,2,2-Tetrachloroethane	171.6	176.0	103	175.3	102	50-150	33-167	0	0-35	
1,2,4-Trimethylbenzene	122.9	126.4	103	126.2	103	50-150	33-167	0	0-35	
1,2,4-Trichlorobenzene	185.5	194.8	105	195.5	105	50-150	33-167	0	0-35	
Vinyl Acetate	88.03	95.48	108	97.84	111	50-150	33-167	2	0-35	
Vinyl Chloride	63.91	67.77	106	66.77	104	45-177	23-199	1	0-36	

Total number of LCS compounds: 51

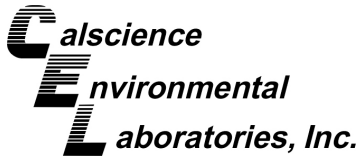
Total number of ME compounds: 0

Total number of ME compounds allowed: 3

LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



## Quality Control - LCS/LCSD

PSI  
6330 Gateway Drive, Suite B  
Cypress, CA 90630-4844

Date Received: 05/22/13  
Work Order: 13-05-1604  
Preparation: EPA 5030C  
Method: EPA 8260B

Project: Via Lido, Newport Bch. / 559

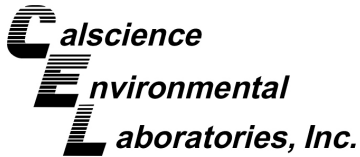
Page 3 of 4

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number	
<b>099-14-001-11019</b>	<b>Aqueous</b>	<b>GC/MS V V</b>	<b>05/22/13 11:59</b>	<b>22MAY005.rr</b>	<b>130522L01</b>	
Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Benzene	50.00	47.65	95	80-120	73-127	
Carbon Tetrachloride	50.00	42.34	85	66-138	54-150	
Chlorobenzene	50.00	53.20	106	80-120	73-127	
1,2-Dibromoethane	50.00	48.99	98	80-120	73-127	
1,2-Dichlorobenzene	50.00	53.28	107	80-120	73-127	
1,2-Dichloroethane	50.00	49.54	99	80-129	72-137	
1,1-Dichloroethene	50.00	42.65	85	71-131	61-141	
Ethylbenzene	50.00	48.89	98	80-123	73-130	
Toluene	50.00	49.71	99	79-121	72-128	
Trichloroethene	50.00	48.14	96	80-120	73-127	
Vinyl Chloride	50.00	50.78	102	70-136	59-147	
p/m-Xylene	100.0	95.47	95	75-125	67-133	
o-Xylene	50.00	48.80	98	75-125	67-133	
Methyl-t-Butyl Ether (MTBE)	50.00	42.56	85	72-126	63-135	

Total number of LCS compounds: 14  
Total number of ME compounds: 0  
Total number of ME compounds allowed: 1  
LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



## Quality Control - LCS/LCSD

PSI  
6330 Gateway Drive, Suite B  
Cypress, CA 90630-4844

Date Received: 05/22/13  
Work Order: 13-05-1604  
Preparation: EPA 5030C  
Method: EPA 8260B

Project: Via Lido, Newport Bch. / 559

Page 4 of 4

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number	
<b>099-12-796-7249</b>	<b>Soil</b>	<b>GC/MS PP</b>	<b>05/22/13 15:19</b>	<b>22MAY004.rr</b>	<b>130522L01</b>	
Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Benzene	50.00	50.09	100	78-120	71-127	
Carbon Tetrachloride	50.00	53.89	108	49-139	34-154	
Chlorobenzene	50.00	53.05	106	79-120	72-127	
1,2-Dibromoethane	50.00	50.69	101	80-120	73-127	
1,2-Dichlorobenzene	50.00	54.32	109	75-120	68-128	
1,2-Dichloroethane	50.00	53.13	106	80-120	73-127	
1,1-Dichloroethene	50.00	54.94	110	74-122	66-130	
Ethylbenzene	50.00	54.91	110	76-120	69-127	
Toluene	50.00	52.87	106	77-120	70-127	
Trichloroethene	50.00	52.84	106	80-120	73-127	
Vinyl Chloride	50.00	67.31	135	68-122	59-131	X
p/m-Xylene	100.0	112.6	113	75-125	67-133	
o-Xylene	50.00	58.15	116	75-125	67-133	
Methyl-t-Butyl Ether (MTBE)	50.00	53.72	107	77-120	70-127	

Total number of LCS compounds: 14

Total number of ME compounds: 0

Total number of ME compounds allowed: 1

LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

## Glossary of Terms and Qualifiers

Work Order: 13-05-1604

Page 1 of 1

<u>Qualifiers</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS/LCSD Recovery Percentage is within Marginal Exceedance (ME) Control Limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	For any analysis identified as a "field" test with a holding time (HT) $\leq$ 15 minutes where the sample is received outside of HT, Calscience will adhere to its internal HT of 24 hours. In cases where sample analysis does not meet Calscience's internal HT, results will be appropriately qualified.



WO # / LAB USE ONLY  
**13-05-1604**

LABORATORY CLIENT: PSI P.O. NO.: 559  
 ADDRESS: 6330 Gateway Dr., Suite B Via Lido, Newport Bch  
 CITY: Cypress STATE: CA ZIP: 90630  
 TEL: 714-484-8600 E-MAIL: Lloyd.gust@psi.usa.com PROJECT CONTACT: Eric Fraster + Lloyd Gust  
 TURNAROUND TIME:  24 HR  48 HR  72 HR  STANDARD SAMPLER(S): (PRINT)  
 COELT EDF GLOBAL ID

**REQUESTED ANALYSES**

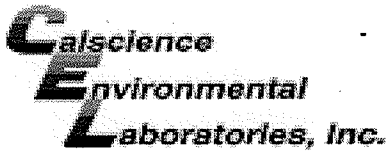
Please check box or fill in blank as needed.

<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(g) <input type="checkbox"/> DRO	<input type="checkbox"/> TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	<input type="checkbox"/> TPH	<input type="checkbox"/> BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	<input checked="" type="checkbox"/> VOCs (8260) <i>Chlorinated Solvents only</i>	<input type="checkbox"/> Oxygenates (8260)	<input type="checkbox"/> Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	<input type="checkbox"/> SVOCs (8270)	<input type="checkbox"/> Pesticides (8081)	<input type="checkbox"/> PCBs (8082)	<input type="checkbox"/> PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	<input type="checkbox"/> T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	<input type="checkbox"/> Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6
--------------------------------------------------------------	--------------------------------------------------------------	----------------------------------------------------------------------------------------------	------------------------------	---------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------	--------------------------------------------	-----------------------------------------------------------------------------------------------------------	---------------------------------------	--------------------------------------------	--------------------------------------	-----------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	LOG CODE	
		DATE	TIME			Unpreserved	Preserved
1	B1-5	5/22/13	850	Soil	1		
2	B1-W		930	Water	3		
3	B1-SG		1045	Vapor	1		
4	B2-5		930	Soil	1		
5	B2-W		945	Water	3		
6	B2-SG		1050	Vapor	1		
7	B3-5		1005	Soil	1		
8	B3-W		1035	Water	3		
9	B3-SG		1055	Vapor	1		

Received by: (Signature) [Signature] Received by: (Signature/Affiliation) Danlyu ca Date: 5/22/13 Time: 13:37  
 Relinquished by: (Signature) \_\_\_\_\_ Received by: (Signature/Affiliation) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Relinquished by: (Signature) \_\_\_\_\_ Received by: (Signature/Affiliation) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

SPECIAL INSTRUCTIONS:  
 \* Test all samples for chlorinated solvents only (PCE and daughter products).  
 \* 24 Hour Rush



WORK ORDER #: 13-05-1604

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: PSI

DATE: 05/22/13

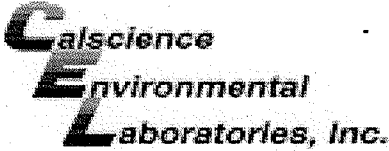
TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0°C - 6.0°C, not frozen except sediment/tissue)
Temperature 3.3 °C - 0.2°C (CF) = 3.1 °C [X] Blank [ ] Sample
[ ] Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_).
[ ] Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.
[ ] Received at ambient temperature, placed on ice for transport by Courier.
Ambient Temperature: [X] Air [ ] Filter Initial: DL

CUSTODY SEALS INTACT:
[ ] Cooler [ ] \_\_\_\_\_ [ ] No (Not Intact) [X] Not Present [ ] N/A Initial: MC
[ ] Sample [ ] \_\_\_\_\_ [ ] No (Not Intact) [X] Not Present Initial: JH

SAMPLE CONDITION:
Chain-Of-Custody (COC) document(s) received with samples..... [X] Yes [ ] No [ ] N/A
COC document(s) received complete..... [X] Yes [ ] No [ ] N/A
[ ] Collection date/time, matrix, and/or # of containers logged in based on sample labels.
[ ] No analysis requested. [ ] Not relinquished. [ ] No date/time relinquished.
Sampler's name indicated on COC..... [X] Yes [ ] No [ ] N/A
Sample container label(s) consistent with COC..... [X] Yes [ ] No [ ] N/A
Sample container(s) intact and good condition..... [ ] Yes [X] No [ ] N/A
Proper containers and sufficient volume for analyses requested..... [X] Yes [ ] No [ ] N/A
Analyses received within holding time..... [X] Yes [ ] No [ ] N/A
pH / Res. Chlorine / Diss. Sulfide / Diss. Oxygen received within 24 hours... [ ] Yes [ ] No [X] N/A
Proper preservation noted on COC or sample container..... [X] Yes [ ] No [ ] N/A
[ ] Unpreserved vials received for Volatiles analysis
Volatile analysis container(s) free of headspace..... [ ] Yes [X] No [ ] N/A
Tedlar bag(s) free of condensation..... [X] Yes [ ] No [ ] N/A

CONTAINER TYPE:
Solid: [ ] 4ozCGJ [ ] 8ozCGJ [ ] 16ozCGJ [X] Sleeve ( 3 ) [ ] EnCores® [ ] TerraCores® [ ] \_\_\_\_\_
Water: [ ] VOA [X] VOA<sup>3</sup>h [ ] VOAn<sub>2</sub> [ ] 125AGB [ ] 125AGBh [ ] 125AGBp [ ] 1AGB [ ] 1AGBna<sub>2</sub> [ ] 1AGBs
[ ] 500AGB [ ] 500AGJ [ ] 500AGJs [ ] 250AGB [ ] 250CGB [ ] 250CGBs [ ] 1PB [ ] 1PBna [ ] 500PB
[ ] 250PB [ ] 250PBn [ ] 125PB [ ] 125PBz<sub>nna</sub> [ ] 100PJ [ ] 100PJna<sub>2</sub> [ ] \_\_\_\_\_ [ ] \_\_\_\_\_ [ ] \_\_\_\_\_
Air: [X] Tedlar® [ ] Canister Other: [ ] \_\_\_\_\_ Trip Blank Lot#: \_\_\_\_\_ Labeled/Checked by: JH
Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope Reviewed by: DL
Preservative: h: HCL n: HNO<sub>3</sub> na<sub>2</sub>: Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> na: NaOH p: H<sub>3</sub>PO<sub>4</sub> s: H<sub>2</sub>SO<sub>4</sub> u: Ultra-pure z<sub>nna</sub>: ZnAc<sub>2</sub>+NaOH f: Filtered Scanned by: JH

Return to Contents



WORK ORDER #: 13-05-1604

## SAMPLE ANOMALY FORM

**SAMPLES - CONTAINERS & LABELS:**

**Comments:**

- Sample(s) NOT RECEIVED but listed on COC
- Sample(s) received but NOT LISTED on COC
- Holding time expired – list sample ID(s) and test
- Insufficient quantities for analysis – list test
- Improper container(s) used – list test
- Improper preservative used – list test
- No preservative noted on COC or label – list test & notify lab
- Sample labels illegible – note test/container type
- Sample label(s) do not match COC – Note in comments
  - Sample ID
  - Date and/or Time Collected
  - Project Information
  - # of Container(s)
  - Analysis
- Sample container(s) compromised – Note in comments
  - Water present in sample container
  - Broken
- Sample container(s) not labeled
- Air sample container(s) compromised – Note in comments
  - Flat
  - Very low in volume
  - Leaking (Not transferred - duplicate bag submitted)
  - Leaking (transferred into Calscience Tedlar® Bag\*)
  - Leaking (transferred into Client's Tedlar® Bag\*)
- Other: \_\_\_\_\_

*(-9) received leaking, transferred to client's Tedlar bag.*

**HEADSPACE – Containers with Bubble > 6mm or ¼ inch:**

Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Cont. received	Analysis
8	A-C	3							

Comments: \_\_\_\_\_

\*Transferred at Client's request.

Initial / Date: *DL* 05/22/13

Return to Contents