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10:09 am, Mar 10, 2009

Alameda County
Environmental Health

March 6, 2009
Project SCA421211

Mr. Paul Smith, Inspector
Livermore-Pleasanton Fire Department
3560 Nevada St.
Pleasanton, California 94566

RE: Dispenser Repair Report
Shell-branded Service Station
4226 First Street
Pleasanton, California

DELTA

Dear Mr. Wickham:

Delta Consultants, Inc. (Delta), on behalf of Shell Oil Products US (Shell), has prepared this report to document the dispenser repair performed on January 21 through January 22, 2009 at the above referenced site. Able Maintenance Inc. completed the repairs at the request of the Livermore-Pleasanton Fire Department.

Site Background

The subject site is a Shell-branded service station located at the southern corner of First Street and Vineyard Avenue (Figure 1) in a mixed commercial and residential area of Pleasanton, California. Three, 10,000-gallon gasoline underground storage tanks (USTs) and one 550-gallon waste oil UST are located at the site. The site contains two dispenser islands and a service station building with attached service garage.

Pre-Site Activities

Delta and Able Maintenance each prepared a site-specific Health and Safety Plan, which were reviewed by all field personnel prior to starting work at the site.

Site Activities

Able Maintenance excavated and replaced a faulty dispenser pan and hoses beneath the southern part of the dispenser island closest to the service building. The excavation area was approximately 5 square feet in area with a maximum depth of approximately 3 feet below the ground surface (bgs). The excavated soil was observed to be mostly gravel fill surrounding the dispenser. Petroleum odors were noted during the removal of the fill and in the excavated fill stockpile. A sample of native soil was collected from the bottom of the excavation at approximately 3 feet bgs and was submitted for analysis to Calscience Environmental Laboratories, Inc. (Calscience) a California state-certified analytical laboratory. At the time of sampling, preliminary screening with a photo-ionization detector indicated the presence of volatile organic gas at a concentration of 261 parts per million.

Analytical Results

Laboratory analytical results indicated the presence of diesel-range organics (DRO) in the soil stock pile composite sample at a concentration of 25 micrograms per kilogram (mg/kg). Other constituents of concern including gasoline-range organics (GRO), benzene, toluene, ethylbenzene and total xylenes (BTEX compounds), fuel oxygenates, and lead scavenger compounds were not detected above the reported detection limit. Laboratory analytical results did not indicate the presence of DRO, GRO, BTEX compounds, oxygenates or lead scavenger compounds in the soil sample collected under Dispenser #1. The certified analytical laboratory report is attached.

Waste Disposal

The excavated material was stockpiled on site and a composite waste sample was analyzed to characterize the material in the stockpile. The stockpile was transferred to drums by Able Maintenance on February 2, 2009. Delta coordinated the removal of the waste by a Shell subcontractor. A total of 14 drums were scheduled for pickup and removal from the site on March 3, 2009.

Conclusion

The DRO result reported for the sample taken from the excavated material would indicate diesel fuel was present in the excavated backfill material. However, DRO were not detected in the native soil which would indicate the diesel range organics did not extend to the sampled native soil.

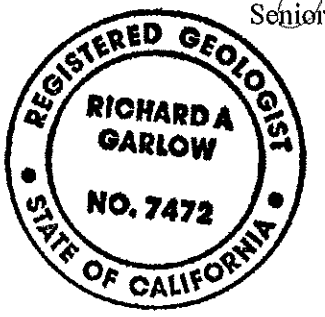
This site is currently under environmental investigation and is part of a quarterly monitoring program. If you have a questions related to this report please contact Suzanne McClurkin-Nelson (Delta) at (408) 826-1875 or Denis Brown (Shell) at (707) 865-0251.

Sincerely,
Delta Consultants Inc.

Cora Olson
Staff Engineer

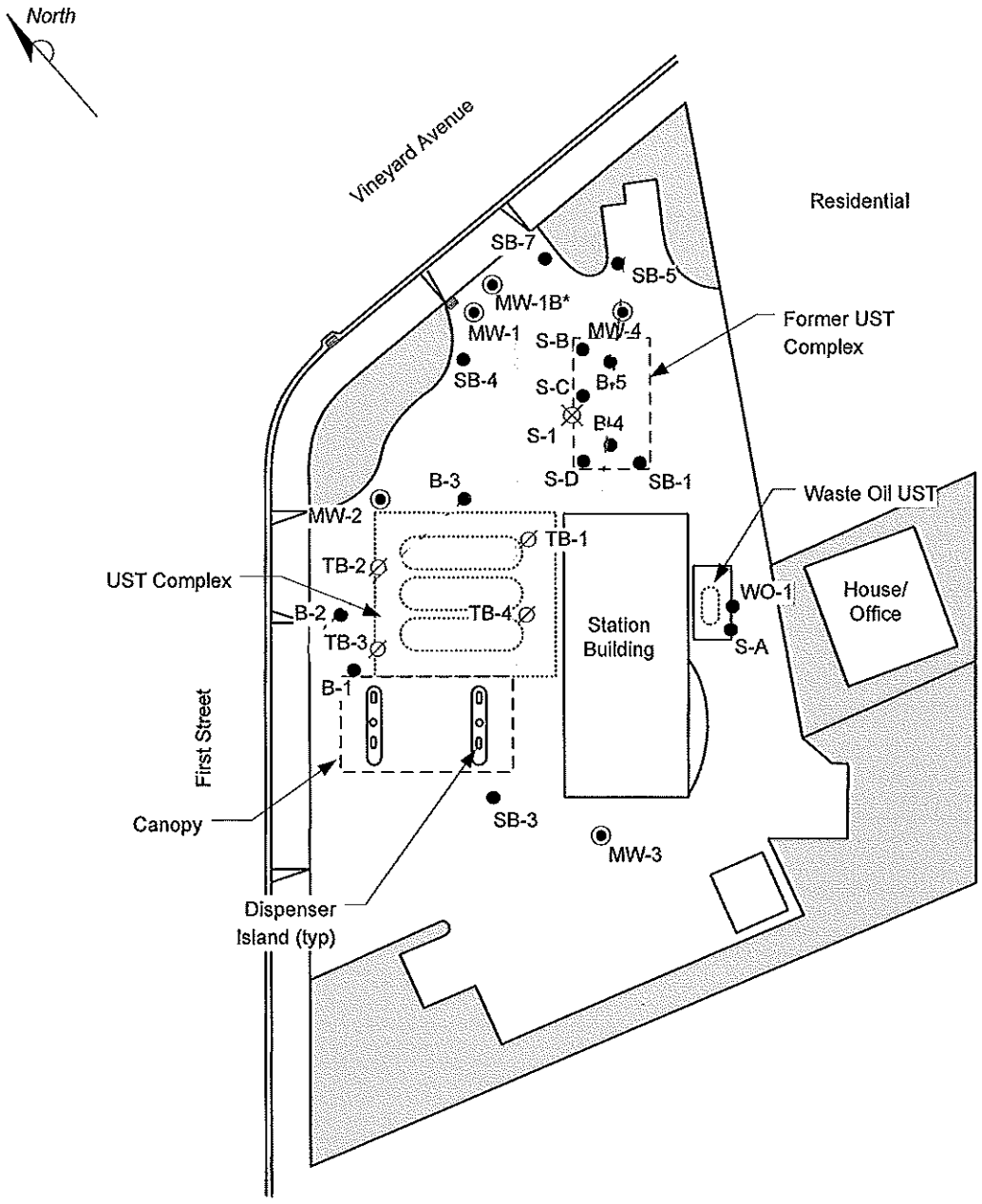
Suzanne McClurkin-Nelson
Senior Project Manager

Richard A. Garlow, M.S., P.G.
Project Specialist



List of Attachments:
Figure 1 – Site Map
Calscience Certified Analytical Report

cc: Mr. Denis Brown, Shell Oil Products US
Mr. Bill Merchant, Shell Oil Products US
Mr. Jerry Wickham, Alameda County Health Care Services Agency



LEGEND

MW-2	◉	GROUNDWATER MONITORING WELL LOCATION
S-1	⊠	DESTROYED WELL
TB-1	∅	ABANDONED TANK BACKFILL WELL LOCATION
B-3	●	SOIL BORING LOCATION

0 40 FT

APPROX. SCALE

FIGURE 2

SITE MAP

SHELL-BRANDED SERVICE STATION
4226 First Street
Pleasanton, California

PROJECT NO. SJ422-6F1-X	DRAWN BY AD 6/15/07
FILE NO. SJ422-6F1-X	PREPARED BY AD
REVISION NO. 1	REVIEWED BY

DELTA

BaseMap from: Cambria Environmental Technology, Inc. and Toxichem Management Systems, Inc.

Calscience
Environmental
Laboratories, Inc.

January 30, 2009

Regina Bussard
Delta Environmental Consultants, Inc.
312 Piercy RD.
San Jose, CA 95138-1401

Subject: **Calscience Work Order No.:** **09-01-1927**
Client Reference: **4212 1st St., Pleasanton, CA**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 1/23/2009 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Delta Environmental Consultants, Inc.	Date Received:	01/23/09
312 Piercy RD.	Work Order No:	09-01-1927
San Jose, CA 95138-1401	Preparation:	EPA 3050B / EPA 7471A Total
	Method:	EPA 6010B / EPA 7471A
	Units:	mg/kg
Project: 4212 1st St., Pleasanton, CA		Page 1 of 1

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
COMP (Stock Pile #1,2,3,4)	**09-01-1927-6-A**	**01/22/09 00:00**	**Solid**	**ICP 5300**	**01/29/09**	**01/29/09 21:46**	**090129L01**

Comment(s): -Mercury was analyzed on 1/29/2009 10:44:23 PM with batch 090129L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	2.19	0.750	1		Molybdenum	ND	0.250	1	
Barium	85.1	0.500	1		Nickel	25.4	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	11.8	0.250	1		Thallium	ND	0.750	1	
Cobalt	4.64	0.250	1		Vanadium	10.6	0.250	1	
Copper	9.16	0.500	1		Zinc	33.4	1.00	1	
Lead	4.51	0.500	1						

Method Blank	**099-04-007-6,090**	**N/A**	**Solid**	**Mercury**	**01/29/09**	**01/29/09 17:36**	**090129L04**

Parameter	Result	RL	DF	Qual
Mercury	ND	0.0835	1	

Method Blank	**097-01-002-12,004**	**N/A**	**Solid**	**ICP 5300**	**01/29/09**	**01/29/09 13:48**	**090129L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Lead	ND	0.500	1	
Arsenic	ND	0.750	1		Molybdenum	ND	0.250	1	
Barium	ND	0.500	1		Nickel	ND	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	ND	0.250	1		Thallium	ND	0.750	1	
Cobalt	ND	0.250	1		Vanadium	ND	0.250	1	
Copper	ND	0.500	1		Zinc	ND	1.00	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Delta Environmental Consultants, Inc.	Date Received:	01/23/09
312 Piercy RD.	Work Order No:	09-01-1927
San Jose, CA 95138-1401	Preparation:	EPA 3550B
	Method:	EPA 8015B

Project: 4212 1st St., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Under Dispenser #1	**09-01-1927-1-A**	**01/22/09 09:55**	**Solid**	**GC 47**	**01/27/09**	**01/28/09 00:27**	**090127B03**

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	109	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
COMP (Stock Pile #1,2,3,4)	**09-01-1927-6-A**	**01/22/09 00:00**	**Solid**	**GC 47**	**01/27/09**	**01/28/09 00:44**	**090127B03**

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	25	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	107	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-025-613**	**N/A**	**Solid**	**GC 47**	**01/27/09**	**01/27/09 19:34**	**090127B03**

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	109	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Delta Environmental Consultants, Inc.		Date Received:	01/23/09
312 Piercy RD.		Work Order No:	09-01-1927
San Jose, CA 95138-1401		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	mg/kg
Project: 4212 1st St., Pleasanton, CA			Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Under Dispenser #1	**09-01-1927-1-A**	**01/22/09 09:55**	**Solid**	**GC/MS UU**	**01/27/09**	**01/27/09 16:00**	**090127L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1	
1,2-Dibromoethane	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
1,2-Dichloroethane	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Ethylbenzene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Toluene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	102	73-139			1,2-Dichloroethane-d4	103	73-145		
Toluene-d8	102	90-108			1,4-Bromofluorobenzene	94	71-113		
Toluene-d8-TPPH	103	88-112							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
COMP (Stock Pile #1,2,3,4)	**09-01-1927-6-A**	**01/22/09 00:00**	**Solid**	**GC/MS UU**	**01/27/09**	**01/27/09 18:03**	**090127L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1	
1,2-Dibromoethane	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
1,2-Dichloroethane	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Ethylbenzene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Toluene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	98	73-139			1,2-Dichloroethane-d4	103	73-145		
Toluene-d8	101	90-108			1,4-Bromofluorobenzene	96	71-113		
Toluene-d8-TPPH	102	88-112							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-243**	**N/A**	**Solid**	**GC/MS UU**	**01/27/09**	**01/27/09 13:34**	**090127L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0050	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1	
1,2-Dibromoethane	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
1,2-Dichloroethane	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Ethylbenzene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
Toluene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
Xylenes (total)	ND	0.0050	1		TPPH	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	98	73-139			1,2-Dichloroethane-d4	100	73-145		
Toluene-d8	99	90-108			1,4-Bromofluorobenzene	88	71-113		
Toluene-d8-TPPH	99	88-112							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Delta Environmental Consultants, Inc.	Date Received:	01/23/09
312 Piercy RD.	Work Order No:	09-01-1927
San Jose, CA 95138-1401	Preparation:	EPA 3050B
	Method:	EPA 6010B

Project 4212 1st St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-01-2411-1	Solid	ICP 5300	01/29/09	01/29/09	090129S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	48	50	50-115	4	0-20	3
Arsenic	115	112	75-125	1	0-20	
Barium	131	113	75-125	5	0-20	3
Beryllium	100	99	75-125	1	0-20	
Cadmium	102	103	75-125	1	0-20	
Chromium	108	131	75-125	14	0-20	3
Cobalt	107	106	75-125	0	0-20	
Copper	132	110	75-125	10	0-20	3
Lead	102	112	75-125	6	0-20	
Molybdenum	97	101	75-125	3	0-20	
Nickel	112	111	75-125	1	0-20	
Selenium	89	91	75-125	2	0-20	
Silver	99	101	75-125	2	0-20	
Thallium	86	92	75-125	7	0-20	
Vanadium	109	110	75-125	1	0-20	
Zinc	116	96	75-125	8	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Delta Environmental Consultants, Inc.	Date Received:	01/23/09
312 Piercy RD.	Work Order No:	09-01-1927
San Jose, CA 95138-1401	Preparation:	EPA 3550B
	Method:	EPA 8015B (M)

Project 4212 1st St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-01-1902-10	**Solid**	**GC 47**	**01/27/09**	**01/27/09**	**090127S03**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics (C10-C28)	88	95	61-145	7	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Delta Environmental Consultants, Inc.		Date Received:	01/23/09
312 Piercy RD.		Work Order No:	09-01-1927
San Jose, CA 95138-1401		Preparation:	EPA 7471A Total
		Method:	EPA 7471A

Project 4212 1st St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-01-2378-1	**Solid**	**Mercury**	**01/29/09**	**01/29/09**	**090129S04**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	91	89	71-137	1	0-14	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Delta Environmental Consultants, Inc.		Date Received:	01/23/09
312 Piercy RD.		Work Order No:	09-01-1927
San Jose, CA 95138-1401		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B

Project 4212 1st St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-01-1571-5	**Solid**	**GC/MS UU**	**01/27/09**	**01/27/09**	**090127S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	88	87	79-115	2	0-13	
Carbon Tetrachloride	93	91	55-139	2	0-15	
Chlorobenzene	91	91	79-115	1	0-17	
1,2-Dibromoethane	91	94	70-130	3	0-30	
1,2-Dichlorobenzene	88	88	63-123	1	0-23	
1,1-Dichloroethene	81	78	69-123	3	0-16	
Ethylbenzene	92	91	70-130	1	0-30	
Toluene	89	88	79-115	1	0-15	
Trichloroethene	91	90	66-144	2	0-14	
Vinyl Chloride	79	78	60-126	1	0-14	
Methyl-t-Butyl Ether (MTBE)	84	85	68-128	1	0-14	
Tert-Butyl Alcohol (TBA)	91	81	44-134	12	0-37	
Diisopropyl Ether (DIPE)	87	87	75-123	0	0-12	
Ethyl-t-Butyl Ether (ETBE)	88	91	75-117	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	91	95	79-115	4	0-12	
Ethanol	106	86	42-138	20	0-28	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Delta Environmental Consultants, Inc.	Date Received:	N/A
312 Piercy RD.	Work Order No:	09-01-1927
San Jose, CA 95138-1401	Preparation:	EPA 3050B
	Method:	EPA 6010B

Project: 4212 1st St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-12,004	Solid	ICP 5300	01/29/09	01/29/09	090129L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Antimony	93	93	80-120	73-127	0	0-20	
Arsenic	92	92	80-120	73-127	1	0-20	
Barium	110	110	80-120	73-127	0	0-20	
Beryllium	103	103	80-120	73-127	0	0-20	
Cadmium	111	111	80-120	73-127	0	0-20	
Chromium	104	104	80-120	73-127	0	0-20	
Cobalt	112	112	80-120	73-127	0	0-20	
Copper	104	104	80-120	73-127	0	0-20	
Lead	111	111	80-120	73-127	0	0-20	
Molybdenum	107	107	80-120	73-127	0	0-20	
Nickel	111	111	80-120	73-127	0	0-20	
Selenium	105	105	80-120	73-127	1	0-20	
Silver	109	109	80-120	73-127	1	0-20	
Thallium	143	144	80-120	73-127	0	0-20	X
Vanadium	102	102	80-120	73-127	0	0-20	
Zinc	110	110	80-120	73-127	1	0-20	

Total number of LCS compounds : 16
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Delta Environmental Consultants, Inc.	Date Received:	N/A
312 Piercy RD.	Work Order No:	09-01-1927
San Jose, CA 95138-1401	Preparation:	EPA 3550B
	Method:	EPA 8015B

Project: 4212 1st St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-025-613	Solid	GC 47	01/27/09	01/27/09	090127B03

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	98	100	75-123	1	0-12	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Delta Environmental Consultants, Inc.	Date Received:	N/A
312 Piercy RD.	Work Order No:	09-01-1927
San Jose, CA 95138-1401	Preparation:	EPA 7471A Total
	Method:	EPA 7471A

Project: 4212 1st St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-04-007-6,090	Solid	Mercury	01/29/09	01/29/09	090129L04

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	92	92	85-121	0	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Delta Environmental Consultants, Inc.	Date Received:	N/A
312 Piercy RD.	Work Order No:	09-01-1927
San Jose, CA 95138-1401	Preparation:	EPA 5030B
	Method:	LUFT GC/MS / EPA 8260B

Project: 4212 1st St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-243	Solid	GC/MS UU	01/27/09	01/27/09	090127L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	94	94	84-114	79-119	0	0-7	
Carbon Tetrachloride	100	99	66-132	55-143	0	0-12	
Chlorobenzene	101	100	87-111	83-115	1	0-7	
1,2-Dibromoethane	109	103	80-120	73-127	6	0-20	
1,2-Dichlorobenzene	101	102	79-115	73-121	0	0-8	
1,1-Dichloroethene	87	86	73-121	65-129	1	0-12	
Ethylbenzene	103	103	80-120	73-127	0	0-20	
Toluene	98	97	78-114	72-120	1	0-7	
Trichloroethene	99	98	84-114	79-119	1	0-8	
Vinyl Chloride	85	83	63-129	52-140	2	0-15	
Methyl-t-Butyl Ether (MTBE)	95	90	77-125	69-133	5	0-11	
Tert-Butyl Alcohol (TBA)	99	85	47-137	32-152	15	0-27	
Diisopropyl Ether (DIPE)	97	92	76-130	67-139	5	0-8	
Ethyl-t-Butyl Ether (ETBE)	96	95	76-124	68-132	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	101	98	82-118	76-124	3	0-11	
Ethanol	88	83	59-131	47-143	6	0-21	
TPPH	74	70	65-135	53-147	6	0-30	

Total number of LCS compounds : 17
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 09-01-1927

Qualifier	Definition
*	See applicable analysis comment.
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 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 with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
N	Nontarget Analyte.
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.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- [x] CALSCIENCE (_____)
- [ ] SPL (_____)
- [ ] XENCO (_____)
- [ ] TEST AMERICA (_____)
- [ ] OTHER (_____)

Please Check Appropriate Box:
- [ ] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [x] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER _____

Print Bill To Contact Name:

INCIDENT # (ENV SERVICES): P04700001551 — [ ] CHECK IF NO INCIDENT # APPLIES

DATE: 1/22/2009

PAGE: 1 of 2

PO #: SCA 4212 1 1

SAP #: 1357822

SAMPLING COMPANY: Delta Consultants

LOG CODE:

SITE ADDRESS: Street and City: 4212 1st St; Pleasonton

State: CA

GLOBAL ID NO.: T0600101259

ADDRESS: 312 Piercy Road; San Jose, CA 95138

EDF DELIVERABLE TO (Name, Company, Office Location): Angela Pico

PHONE NO.: 408-826-1862

E-MAIL: Apico@deltaenv.com

CONSULTANT PROJECT NO.:

PROJECT CONTACT (Hardcopy or PDF Report to): Regina Bussard

TELEPHONE: 408-826-1886

FAX: 408-225-8506

E-MAIL: Rbussard@deltaenv.com

SAMPLER NAME(S) (Print): Cora Olson

LAB USE ONLY: 01-1927

TURNAROUND TIME (CALENDAR DAYS):
- [x] STANDARD (14 DAY)
- [ ] 5 DAYS
- [ ] 3 DAYS
- [ ] 2 DAYS
- [ ] 24 HOURS
- [ ] RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

- [ ] LA - RWQCB REPORT FORMAT
- [ ] UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

Send results to:

- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [ ] RECEIPT VERIFICATION REQUESTED

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	Soil Samples: TPH-G Purgeable (8260B)	BTEX (8260B)	5 Shell Oxygenates (8260B)	EDB (8260B)	1,2-DCA (8260B)	TPH-D Extractable (8015M)	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
1	Under Dispenser #1	1/22/09	9:55	Soil				X		1	X	X	X	X	X	X	5 Oxys = MTBE, TBA, DIPE, ETBE, & TAME

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
(Cora Olson)		1-22-09	
GSO 105528604 PEEL OFF HERE	CGL	1-23-09	10:30.

05/2/06 Revision

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☑ CALSCIENCE (_____)
- ☐ SPL (_____)
- ☐ XENCO (_____)
- ☐ TEST AMERICA (_____)
- ☐ OTHER (_____)

Please Check Appropriate Box:
- ☐ ENV. SERVICES
- ☐ MOTIVA RETAIL
- ☑ SHELL RETAIL
- ☐ MOTIVA SD&CM
- ☐ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER _____

Print Bill To Contact Name:

INCIDENT # (ENV SERVICES): P04700001551

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 1/22/2009

PAGE: 2 of 2

PO #: SCA 421211

SAP #: 135782

SAMPLING COMPANY: Delta Consultants

LOG CODE:

SITE ADDRESS: Street and City: 4212 1st St; Pleasonton

State: CA

GLOBAL ID NO.: T0600101259

ADDRESS: 312 Piercy Road; San Jose, CA 95138

EDF DELIVERABLE TO (Name, Company, Office Location): Angela Pico

PHONE NO.: 408-826-1862

E-MAIL: Apico@deltaenv.com

CONSULTANT PROJECT NO.:

PROJECT CONTACT (Hardcopy or PDF Report to): Regina Bussard

TELEPHONE: 408-826-1886

FAX: 408-225-8506

E-MAIL: Rbussard@deltaenv.com

SAMPLER NAME(S) (Print): Cora Olson

LAB USE ONLY: 01-1427

TURNAROUND TIME (CALENDAR DAYS):
- ☑ STANDARD (14 DAY)
- ☑ 5 DAYS
- ☐ 3 DAYS
- ☐ 2 DAYS
- ☐ 24 HOURS
- ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

REQUESTED ANALYSIS

SPECIAL INSTRUCTIONS OR NOTES :

Send results to:

- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☐ RECEIPT VERIFICATION REQUESTED

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	Soil Samples: TPH-G Purgeable (8260B)	BTEX (8260B)	5 Shell Oxygenates (8260B)	EDB (8260B)	1,2-DCA (8260B)	TPH-D Extractable (8015M)	Wase Analysis: CAM 17 Metals (6010)	Run STLC/TCLP Metals/Org Pb if needed	Run Bioassay if Benzene >5000 ppm,	Container PID Readings or Laboratory Notes
25	Stock Pile #1 to 4	1/22/09	10:15	Soil				X		4	X	X	X	X	X	X	X	X	X	Compile all 4 samples into composite for analysis
																				5 Oxys = MTBE, TBA,
																				DIPE, ETBE, & TAME

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Cora Olson		1-22-09	
G.S.O. 105528604	CGL	1-23-09	10:30

05/2/06 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-[0][1]-[1][9][2][7]

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Delta

DATE: 1/23/09

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 3.1 °C - 0.2 °C (CF) = 2.9 °C ☐ 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: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only Initial: WSC

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Initial: WSC

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: HL

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	☑	☐	☐
COC document(s) received complete.....	☑	☐	☐
Sampler's name indicated on COC.....	☑	☐	☐
Sample container label(s) consistent with COC.....	☑	☐	☐
Sample container(s) intact and good condition.....	☑	☐	☐
Correct containers and volume for analyses requested.....	☑	☐	☐
Analyses received within holding time.....	☑	☐	☐
Proper preservation noted on COC or sample container.....	☐	☐	☑
Volatile analysis container(s) free of headspace.....	☐	☐	☑
Tedlar bag(s) free of condensation.....	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☑Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBpo_4 ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGBs ☐250CGB ☐250CGBs ☐1PB ☐500PB ☐500PBna ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PBsterile ☐100PBna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____

Checked/Labeled by: HL

Reviewed by: [illegible]

Scanned by: HL

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Preservative: h:HCL n:HNO_3 na_2:$Na_2S_2O_3$ na:NaOH po_4:H_3PO_4 s:H_2SO_4 znna:$ZnAc_2$+NaOH