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10:30 am, Feb 13, 2009

Alameda County
Environmental Health

June 25, 2007

Project Number: SJ42-26F-X

SAP Number: 135782

Mr. Jerry Wickham Alameda County Health Care Services Agency 1131 Harbor Bay Parkway, Suite 250 Alameda, California 94502-6577

Re: Site Investigation and
Interim Remedial Action Report
Shell-branded Service Station
4226 First Street
Pleasanton, California

Dear Mr. Wickham:

Delta Evironmental Consultants, Inc. (Delta), on behalf of Shell Oil Products US (Shell), presents the results of a soil investigation and groundwater extraction event performed as part of interim remediation at the site referenced above (Figure 1). Soil borings were drilled to collect soil samples from potential petroleum hydrocarbons and fuel oxygenate source areas in the northern portion of the site. The groundwater extraction event was performed to provide temporary migration control and to evaluate extraction as a possible method for groundwater remediation.

The site activities were proposed in the *Interim Remedial Action Plan*, prepared by Delta in January 2007. The plan was approved by the Alameda County Health Care Services Agency (ACHCA) in a letter to Shell dated February 2, 2007 (Attachment A). This report describes the field activities completed by Delta, presents the associated field and laboratory data, and provides recommendations for future site activities.

BACKGROUND

Site history is detailed in depth in Delta's Electronic Site Conceptual Model submitted to the ACHCA on February 27, 2006. The service station is not currently active.





The upper groundwater zone is monitored by Wells MW-1 through MW-4 (Figure 2). The deeper zone is monitored by Well MW-1B. Well construction details are shown on Table 1. The primary constituents of concern are methyl tert-butyl ether (MTBE) and tert-butyl alcohol (TBA). The following is a summary of MTBE concentrations in site wells for the past four quarterly groundwater sampling events:

Well	8/21/06	11/14/06	2/1/07	6/1/07
MW-1	1,960	2,100	2,300	2,200
MW-1B	21	310	150	74
MW-2	2,590	2,500	2,000	2,000
MW-3	4.04	3.8	2.8	3.1
MW-4	13,000	14,000	14,000	11,000

[Note: All MTBE concentrations in micrograms per liter (µg/l)]

The laboratory reporting limits for TBA have been as high as $10,000 \mu g/l$ due to elevated MTBE concentrations in Well MW-4. TBA was detected in the 57-foot sample from a 2006 CPT boring at 2,000 $\mu g/l$. TBA has historically only been analyzed annually but has now been added by Shell to the quarterly monitoring program.

SOIL BORING INVESTIGATION

In March 2003, Delta drilled five soil borings (B-1 through B-4) in the area of the former and existing USTs. Historic soil analytical data is provided as Attachment C. The highest concentrations of petroleum hydrocarbons and MTBE have historically been detected in soil samples from near the northern end of the former USTs (borings SB-5 and S-B, Well MW-4 – Figure 2).

PREFIELD ACTIVITIES

Prior to drilling, Delta marked the locations of all soil boring locations and contacted Underground Services Alert 48 hours prior to drilling. In addition, a private utility locator was retained to perform a geophysical survey of all boring locations. Each location was then air-knifed to a depth of approximately seven feet to minimize the possibility of encountering underground utilities during drilling. Delta obtained all required drilling permits from the Zone 7 Water Agency (Attachment D).

BORINGS

Borings B-1 through B-5 were drilled on March 27 through 29, 2007. The total depth of each boring was approximately 35 feet bgs. The borings were advanced using a hollow-stem auger drill rig operated by Gregg

Mr. Jerry Wickham Alameda County Health Care Services Agency June 25, 2007 Page 3 of 7

Drilling and Testing, Inc. (License C57-485165). Soil samples were collected with a split-spoon sampler equipped with brass liners at 5-foot intervals beginning at 10 feet bg. Soil samples were also collected from each boring at 5 feet bgs using a hand-auger. A Delta field geologist carefully examined the soil core samples as they were collected. Soils were classified based on the Unified Soil Classification System using the American Society for Testing and Materials (ASTM) Method D-2487 published in May 2000. Borings encountered primarily clayey sand with occasional clay beds. Groundwater was encountered only in boring B-1 (34 to 35 feet bgs). All other borings were dry. Boring logs are provided in Attachment B.

SOIL ANALYSIS

A total of thirty-five soil samples (seven from each boring) were collected for chemical analysis. Soil samples were submitted to Test America Analytical Testing Corporation in Sacramento, California for analysis of total petroleum hydrocarbons as gasoline (TPH-g), benzene, toluene, ethylbenzene, and xylene (BTEX compounds), MTBE, and TBA by Method 8260B. Laboratory certified analytical results and chain-of-custody documentation are included as Attachment E. Soil analytical data is summarized on Table 2.

The primary constituents detected were TPH-g, MTBE, and TBA (Table 2). TPH-g was above 100 milligrams per kilogram (mg/kg) in only one sample (B-3 at 34.5 feet). MTBE and TBA were detected in all borings. MTBE and TBA were typically detected in soil samples collected below a depth 14.5 feet bgs. MTBE was detected at concentrations ranging from 0.0063 milligrams per kilogram (mg/kg) to 0.45 mg/kg. TBA was detected at concentrations ranging from 0.021 to 0.8 mg/kg. The San Francisco Bay Area Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs) for MTBE and TBA in soil are 0.023 mg/kg and 0.073 mg/kg, respectively. The highest concentrations of MTBE and TBA were detected in the soil samples from the bottom of the borings near the top of the saturated zone.

SOIL DISPOSAL

Soil material generated from borings was placed in 55-gallon drums for temporary storage and then removed off site by PSC for proper disposal.

GROUNDWATER EXTRACTION

Delta performed step drawdown tests in order to estimate the sustainable pumping rate for the upper groundwater zone. Delta then began a long term groundwater extraction event in order evaluate its use as a groundwater remediation option.

Step Drawdown Tests

Step drawdown tests were conducted to determine the maximum sustainable pumping rates using Wells MW-1 and MW-4. Water levels in the wells were measured during pumping using an electronic water level meter.

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Well MW-4

The step drawdown test was initiated at Well MW-4 at 2:00 pm on June 6, 2007. Groundwater was extracted using an electrical submersible pump. The initial depth to water was 33.40 feet below top of casing (btoc). The well was pumped at increasing extraction rates until 60% of available drawdown was reached. The available drawdown is determined by subtracting the initial water level from the level of the top of the submersible pump (45 feet minus 33.4 feet = 11.6 feet). The depth to water in the well at 60% drawdown was 40.4 feet btoc.

Pumping commenced at 0.5 gallons per minute (gpm) but was quickly adjusted to 0.1 gpm due to the rapid decrease of water level. The well was then pumped at 0.1, 0.15, 0.2, 0.25, 0.3, and 0.4 gpm. The well was pumped for approximately 40 minutes at each step. A target depth of approximately 40 feet btoc was reached at a constant pumping rate of 0.4 gpm. A graph of water level versus time for the step drawdown test is contained in Attachment F.

Water level data from the step drawdown test was analyzed using the AquiferTest software produced by Waterloo Hydrogeologic. The data was analyzed by the Cooper-Jacob Time Drawdown method. The computer output report is contained in Attachment F. A hydraulic conductivity of 3.17 x 10⁻⁵ centimeters per second (cm/s) was calculated using the average pumping rate during the test of 0.28 gpm. This value is typical of silt (Freeze and Cherry, 1979) and is consistent with the description of soils on boring logs.

Well MW-1

The step drawdown test was initiated at Well MW-1 on June 7, 2007. The initial depth to water was 33.40 feet btoc. The well was pumped at increasing extraction rates until 60% of available drawdown was reached. The available drawdown is determined by subtracting the initial water level from the level of the top of the submersible pump (55 feet minus 33.4 feet = 21.6 feet). The depth to water in the well at 60% drawdown was 46.4 feet btoc.

Pumping was initiated at 0.25 gpm then was increased to 0.33, 0.50, and 0.55 gpm. The well was pumped for approximately one hour at each step. A target depth of approximately 46 feet btoc was reached at a pumping rate of 0.55 gpm. A graph of water level versus time for the step drawdown test is contained in Attachment F.

Water level data from the step drawdown test was analyzed using the AquiferTest software produced by Waterloo Hydrogeologic. The data was analyzed by the Cooper-Jacob Time Drawdown method. The computer output report is contained in Attachment F. A hydraulic conductivity of 3.59 x 10⁻⁵ cm/sec was calculated using the average pumping rate during the test (0.48 gpm). This value is typical of silt (Freeze and Cherry, 1979).

Groundwater Extraction Event

Delta, on June 6, 2007, began a groundwater extraction event using well MW-4. Well MW-4 contains the highest concentrations of MTBE and TBA. The electrical submersible pump was set at a constant rate of 0.40 gpm. Extracted groundwater is piped to an approximately 20,000-gallon storage tank for later removal

and transported off-site to a licensed disposal facility. Delta, at the request of ACHCA, is performing a site inspection visit twice a week during the extraction event. Delta's work plan stated that approximately 48,000-gallons of water would be extracted from Well MW-4. The proposed volume was based on an anticipated pumping rate of approximately 1.0 gpm. At a pumping rate of 0.40 gpm, approximately 30 days will be required to extract 20,000 gallons. Delta and Shell will evaluate the need to extend the test past 30 days after the filling of the first storage tank.

Water levels in shallow Well MW-2 and deep Well MW-1B were monitored during the first 6 days of extraction using pressure transducers. Well MW-2 is located approximately 7.0 feet upgradient of extraction Well MW-4. Well MW-1B is located approximately 35 feet cross-gradient of Well MW-4. During the 6 day monitoring period, the water level in Well MW-2 slowly rose approximately 0.9 feet. The rise in water level is attributed to some non-pumping influence. During the same period, the water level in deep Well MW-1B dropped by 2.45 feet.

Groundwater Sampling and Analysis

Water samples were collected at the start and end of the step drawdown pumping tests for Wells MW-1 and MW-4 (June 6 and 7, 2007). Samples were analyzed for TPH-g, BTEX compounds, MTBE, and TBA by EPA Method 8260B. The laboratory report and chain of custody documentation are provided as Attachment G. Results are summarized below:

Well MW-4	6/6/07 14:00 (start)	6/6/07 18:30 (end)	6/12/07 (Day 6)
MTBE	19,000	15,000	8,800
TBA	8,200	6,600	1,400

Well MW-1	6/7/07	6/7/07		
	13:00	17:20		
	(start)	(end)		
MTBE	2,400	1,400		
TBA	1,400	1,400		

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Groundwater samples are being collected from Well MW-4 discharge on a weekly basis. The results from the first weekly sample (June 12) showed a significant reduction in MTBE and TBA concentrations. A follow up groundwater sample will be collected approximately one week after termination of pumping.

CONCLUSIONS

Delta concludes:

- MTBE and TBA are contained in soils beneath the northern portion of the site from approximately 20 feet bgs to the top of the saturated zone at a depth of approximately 35 feet bgs. Concentrations exceeded the RWQCB ESLs for soils at depths of greater than 3 meters overlying useable groundwater.
- MTBE and TBA in the vadose zone are retained in clay, silt, silty sand (30 to 40% fines), clayey sand (20 to 35% fines), and clayey gravel (15 to 30% fines). Remediation of the vadose zone will be difficult due to the high percentages of silt and clay.
- Sustainable pumping rate for the upper water bearing zone (30 to 45 feet bgs) is 0.5 gpm or less.
- The horizontal radius of pumping influence is at least 35 feet.
- The upper and lower water bearing zones are hydraulically connected. The natural vertical hydraulic gradient is downward from upper to lower water-bearing zone. MTBE is detected in deep Well MW-1B at 74 µg/l.

RECOMMENDATIONS

Delta recommends:

- Focusing remediation efforts on the upper groundwater zone which contains MTBE concentrations of greater than 8,000 μg/l and TBA at concentrations greater than 1,000 μg/l.
- Providing horizontal and vertical MTBE and TBA groundwater migration control in the northern portion of the site.
- Continue groundwater extraction to accomplish migration control and to provide mass reduction in groundwater.
- Continue quarterly groundwater monitoring with the addition of TBA.

Delta will provide ACHCA with additional extraction test analytical data within 30 days of the date of this report.

REMARKS

The conclusions and recommendations contained in this report represent Delta's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between Delta and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Delta's Client and anyone else specifically listed on this report. Delta will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Delta makes no express or implied warranty as to the contents of this report.

If you have any questions or comments regarding this report, please call Lee Dooley at (408) 826-1880.

Sincerely,

Delta Consultants, Inc.

Abhik Dutta Staff Geologist

R. Lee Dooley Senior Hydrogeologist CHG 0183

Attachments:

Table 1 – Well Construction Details

Table 2 – Summary of Soil Analytical Data

CERTIFIED

Figure 1 – Site Location Map

Figure 2 - Site Map

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Attachment A – ACHS Letter Dated February 2, 2007

Attachment B – Boring Logs

Attachment C - Historic Soil Analytical Data

Attachment D - Boring Permits

Attachment E - Certified Analytical Report and Chain of Custody Documents - Soil

Attachment F - Pumping Test Data

Attachment G - Certified Analytical Report and Chain of Custody Documents - Water

cc: Denis Brown, Shell Oil Products US, Carson

Douglas and Mary Safreno, 1627 Vineyard Avenue, Pleasanton, CA 94566-6389 Colleen Winey, Zone 7 Water Agency, 100 North Canyons Parkway, Livermore, CA 94551 Danielle Stefani, Livermore-Pleasanton Fire Department, 3560 Nevada Street, Pleasanton, CA 94566

Table 1 Well Construction Details

Shell-branded Service Station 4226 First Street, Pleasanton, California

Well	Date Installed	Diameter (inches)	Depth (feet)	Sand Pack (feet)	Screened Interval (feet)
MW-1	04/08/99	2	58	35 to 58	38 to 58
MW-1B	08/23/06	4	108	98 to 108	100 to 108
MW-2	01/18/00	4	46	24 to 46	26 to 46
MW-3	01/18/00	4	35	18 to 35	20 to 35
MW-4	08/24/06	4	47	35 to 47	37 to 47

Table 2 Summary of Soil Analytical Data Shell Service Station 4226 1st Street, Pleasanton, California

						Ethyl-		Total		
		Sample		TPH-g	Benzene	benzene	Toluene	Xylenes	MTBE	TBA
Sample	Sample	Depth	Sample	mg/kg	mg/kg	ma/ka	mg/kg	mg/kg	mg/kg	mg/kg
Location	Name	(feet)	Date	EPA 8015 Mod.	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B
B-1	B-1 d 5	5	03/27/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
B-1	B-1 d 9.5	9.5	03/29/07	5.4	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
B-1	B-1 d 14.5	14.5	03/29/07	0.13 QP	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.046	0.068
B-1	B-1 d 19.5	19.5	03/29/07	0,57 QP	ND< 0.01	ND< 0.01	ND< 0.01	ND< 0.01	0.6	0.8
B-1	B-1 d 24.5	24.5	03/29/07	0.92 QP	ND< 0.05	ND< 0.05	ND< 0.05	ND< 0.05	0.78	0.2
B-1	B-1 d 29.5	29,5	03/29/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.059	ND< 0.02
B-1	B-1 d 34,5	34.5	03/29/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.12	0.033
B-2	B-2 d 5	5	03/27/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
B-2	B-2 d 9.5	9.5	03/29/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
B-2	B-2 d 14.5	14.5	03/29/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0,005	ND< 0.005	ND< 0.02
B-2	B-2 d 19.5	19.5	03/29/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.082
B-2	B-2 d 24.5	24.5	03/29/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.11	0.03
B-2	B-2 d 29	29	03/29/07	0.25	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.22	0.14
B-2	B-2 d 34.5	34.5	03/29/07	0.32 QP	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.45	0.75
B-3	B-3 d 5	5	03/27/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
B-3	B-3 d 9.5	9.5	03/28/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
B-3	B-3 d 14.5	14.5	03/28/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.08	ND< 0.02
B-3	B-3 d 19.5	19.5	03/28/07	0.11 QP	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.14	0.021
B-3	B-3 d 24.5	24.5	03/28/07	0.45	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.083	ND< 0.02
B-3	B-3 d 29	29	03/28/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.016	0.073
B-3	B-3 d 34.5	34.5	03/28/07	710	0.096	2.3	ND< 0.05	16	ND< 0.025	ND< 5
B-4	B-4 d 5	5	03/27/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
B-4	B-4 d 9.5	9,5	03/28/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
B-4	B-4 d 14.5	14.5	03/28/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
B-4	B-4 d 20	20	03/28/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.04	ND< 0.02
B-4	B-4 d 24.5	24.5	03/28/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.026	ND< 0.02
B-4	B-4 d 29.5	29.5	03/28/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.0063	0,071
B-4	B-4 d 35	35	03/28/07	0.54 QP	ND< 0.025	ND< 0.025	ND< 0.025	ND< 0.025	0.8	0.63
B-5	B-5 d 5	5	03/27/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
B-5	B-5 d 10.5	10.5	03/28/07	ND< 0,1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
B-5	B-5 d 15.5	15.5	03/28/07	ND< 0.1	ND< 0,005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
B-5	B-5 d 20.5	20.5	03/28/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.0054	ND< 0.02
B-5	B-5 d 25,5	25.5	03/28/07	ND< 0,1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
B-5	B-5 d 30	30	03/28/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.065	0.1
B-5	B-5 d 35	35	03/28/07	ND< 0.5	ND< 0.025	ND< 0.025	ND< 0.025	ND< 0.025	0.3	0.46
Environme	ental Screeni	ng Levies	(S) intereste de la composi			*			0.023	0.073

Notes:

mg/kg - milligrams per kilogram

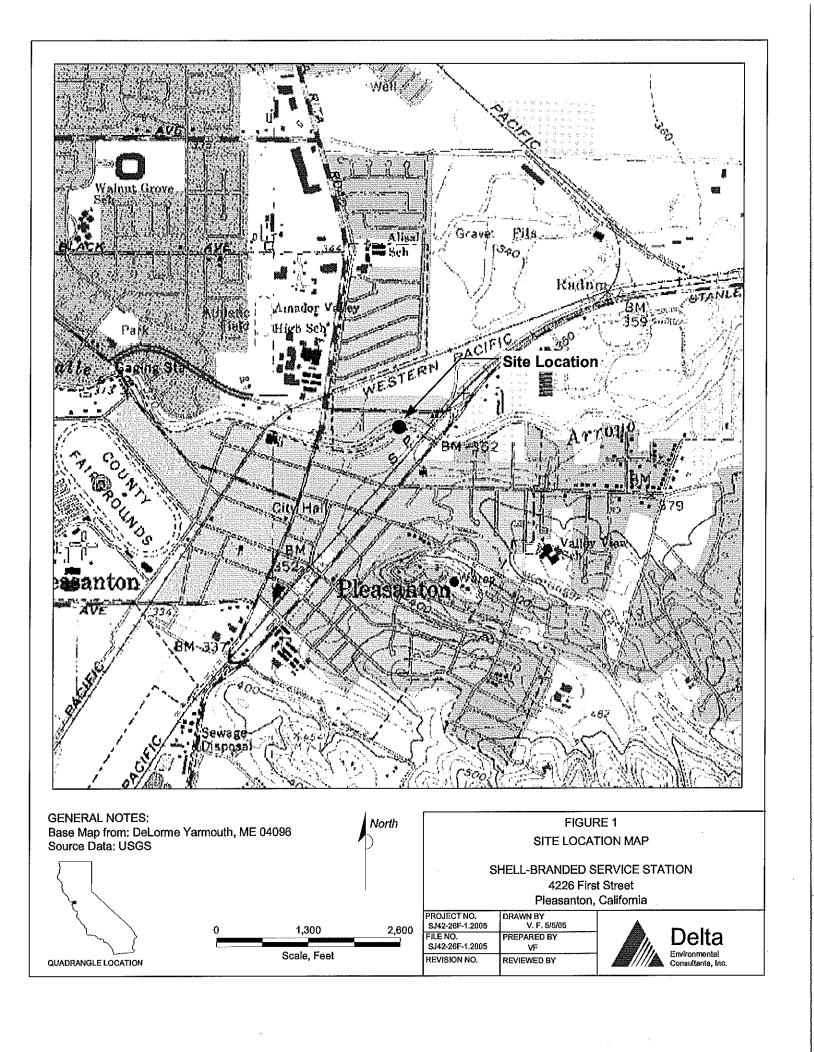
ND - Not detected above laboratory detection limits

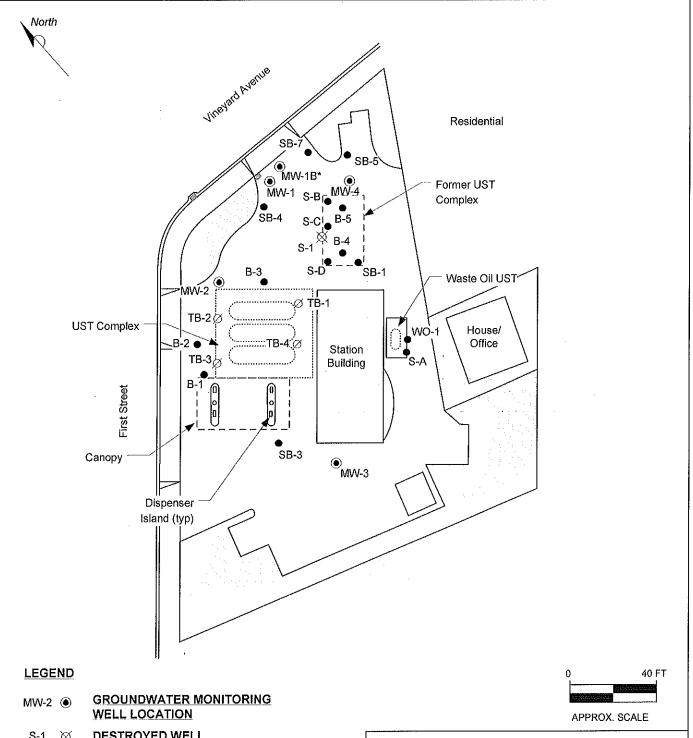
NA - Not analyzed
TPH-g - Total Petroleum Hydrocarbons as gasoline
MTBE - Methyl tert-butyl ether
TBA - Tert-butyl alcohol
Data Qualifiers and Definitions:

QP - Hydrocarbon result partly due to individual peak(s) in quantitation range.

Environmental Screening Levels, SF RWQCB, Table C, soils >3 m, groundwater is potential drinking water source

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S-1 💢 **DESTROYED WELL**

ABANDONED TANK BACKFILL TB-1 Ø **WELL LOCATION**

SOIL BORING LOCATION B-3

FIGURE 2 SITE MAP

SHELL-BRANDED SERVICE STATION 4226 First Street Pleasanton, California

PROJECT NO. SJ422-6F1-X	ORAWN BY AD 6/15/07
FILE NO. 8J422-6F1-X	PREPARED BY
REVISION NO.	REVIEWED BY



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

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Attachment A

ACHS LETTER DATED FEBRUARY 2, 2007

ALAMEDA COUNTY **HEALTH CARE SERVICES**

AGENCY



DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES ENVIRONMENTAL PROTECTION 1131 Harbor Bay Parkway, Suite 250

Alameda, CA 94502-6577 510) 567-6700

February 2, 2007

Denis Brown Shell Oil Products US 20945 S. Wilmington Ave. Carson, CA 90810-1039

Douglas and Mary Safreno 1627 Vineyard Avenue Pleasanton, CA 94566-6389 X (510) 337-9335

Subject: Fuel Leak Case No. RO0000360, Shell#13-5782, 4226 First Street, Pleasanton, CA -Interim Remedial Action Approval

Dear Mr. Brown and Mr. and Ms. Safreno:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and the document entitled, "Interim Remedial Action Plan," dated January 18, 2007, prepared on Shell's behalf by Delta Environmental Consultants, Inc. The Interim Remedial Action Plan proposes the advancement of five soil borings at locations near the former and current USTs and dispensers to assess whether any remedial action may be required in the future to prevent leaching of contaminants to shallow groundwater. The Interim Remedial Action Plan also proposes step drawdown pumping tests on wells MW-4 and MW-1 to determine sustainable yields for the wells. Groundwater from well MW-4 will also be extracted at a constant rate until a total of 48,000 gallons of water is extracted. Discharge water samples are to be collected for laboratory analyses at the start, middle, and end of pumping. An additional water sample is to be collected for laboratory analyses approximately one week after the termination of pumping. We concur with the proposed scope of work.

We request that you perform the proposed work and send us the reports described below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- June 25, 2007 Site Investigation and Interim Remedial Action Report
- 45 days following the end of each quarter Quarterly Monitoring Report

These reports are being requested pursuant to California Health and Safety Code Section 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

Denis Brown Douglas and Mary Safreno February 2, 2007 Page 2

ELECTRONIC SUBMITTAL OF REPORTS

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

Denis Brown Douglas and Mary Safreno February 2, 2007 Page 3

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at (510) 567-6791.

Sincerely,

Jerry Wickflam

Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Colleen Winey, QIC 80201 Zone 7 Water Agency 100 North Canyons Parkway Livermore, CA 94551

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Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)

ISSUE DATE: July 5, 2005

REVISION DATE: December 16, 2005

PREVIOUS REVISIONS: October 31, 2005

SECTION: Miscellaneous Administrative Toplcs & Procedures

SUBJECT: Electronic Report Upload (ftp) Instructions

Effective January 31, 2006, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- Entire report including cover letter must be submitted to the ftp site as a single portable document format (PDF) with no password protection. (Please do not submit reports as attachments to electronic mail.)
- It is preferable that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements must be included and have either original or electronic signature.
- Do not password protect the document. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. Documents with password protection will not be accepted.
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:

RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Additional Recommendations

A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in Excel format. These are for use by assigned Caseworker only.

Submission Instructions

- 1) Obtain User Name and Password:
 - a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
 - Send an e-mail to dehloptoxic@acgov.org

- il) Send a fax on company letterhead to (510) 337-9335, to the attention of Alicia Lam-Finneke.
- b) In the subject line of your request, be sure to include "ftp PASSWORD REQUEST" and in the body of your request, include the Contact Information, Site Addresses, and the Case Numbers (RO# available in Geotracker) you will be posting for.
- Upload Files to the ftp Site
 - a) Using Internet Explorer (IE4+), go to ftp://alcoftp1.acgov.org
 - (i) Note: Netscape and Firefox browsers will not open the FTP site.
 - b) Click on File, then on Login As.
 - Enter your User Name and Password. (Note: Both are Case Sensitive.)
 - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
 - With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
- Send E-mail Notifications to the Environmental Cleanup Oversight Programs
 - a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
 - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name at acgov.org. (e.g., firstname.lastname@acgov.org)
 - The subject line of the e-mail must start with the RO# followed by Report Upload. (e.g., Subject: RO1234 Report Upload)

Attachment B

BORING LOGS

PROJECT NUMBER 738-60.01

BORING NO. S-A

PROJECT NAME Gettler-Ryan, Shell, 4226 First St., Pleasanton

PAGE 1 OF 1

BY MGB

DATE 9/27/85

SURFACE ELEV. 375'±

	מטויו			161	700	· · · · · · · · · · · · · · · · · · ·	SURPACE ELEV. 3/5'±
TORVANE (TSF)	POCKET PENETRO- METER (TSF)	PENETRA- TION (Blows/ Ft.)	CROUND WATER LEYELS	DEPTH IN FT.	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION
(154)	1.5 5	88 21		10- 15- 20- 30-	(1)	ML CL	ASPHALT and SAND - Fill GRAVELLY SILT - Fill; black (5Y, 2.5/2); 20% fine to coarse sand; 10% fine gravel; damp; no product odor. CLAY; light olive brown (2.5Y, 5/6); silty; 10% fine to medium sand; stiff; damp; no product odor. @7': no sand; hard; no product odor. @10': 20% fine gravel; no product odor. @14': 15-20% fine to medium sand; trace fine gravel; stiff; moist; no product odor. @18½': brownish yellow (10YR, 6/8); silty; hard; moist; no product odor. BOTTOM OF BORING AT 20 FEET.
,		-	•	35-			

REMARKS Drilled by 5-inch continuous flight, auger; samples collected with 2-inch California modified split-spoon sampler; borehole backfilled with soil cuttings to ½ foot; concrete to surface.



PROJECT NUMBER 738-60.01 BORING NO. S-B PROJECT NAME Gettler-Ryan, Shell, 4226 First St. , Pleasanton PAGE $_1$ OF $_1$ BY MGB DATE 9/27/85 SURFACE ELEV. $_{373'\pm}$

							50Kt ACL LLLV. 3/3'±
TORVANE (TSF)	POCKET PENETRO- METER (TSF)	PENETRA- TION (Blows/ Ft.)	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION
	3.6 2.3	Push 2 64 39 41		10- 15- 20- 35- 40-	(1) (2) (3) (4) (5) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	GC CL	CONCRETE. SAND - Fill; very dark gray (5Y, 3/1); fine to coarse grained; trace fine gravel; trace fines; loose; damp; strong gasoline odor. @7': strong gasoline odor. CLAYEY GRAVEL; olive gray (5Y, 5/2); to olive (5Y, 4/3); fine to coarse grained; 30% fines; 15% fine to coarse sand; very dense; damp; moderate gasoline odor. CLAY; light olive brown (2.5Y, 5/6) to dark grayish brown (2.5Y, 4/2); 15% fine sand; trace coarse sand; very stiff; damp; no gasoline odor. @19': olive gray (5Y, 4/2) to olive (5Y, 5/6); 20% fine to medium sand; no coarse sand; no gasoline odor. @24': olive (5Y, 4/4); 25% fine to coarse sand; very plastic; soft;faint gasoline odor. BOTTOM OF BORING AT 24½ FEET.

REMARKS Drilled by 8-inch continuous flight, hollow stem auger; samples collected with 2-inch California modified split-spoon sampler; borehole backfilled with soil cuttings to ½ foot; concrete to surface.



PROJECT NUMBER 738-60.01

BORING NO. S-C

PROJECT NAME Gettler-Ryan, Shell, 4226 First St., Pleasanton

PAGE 1 OF 1

BY MGB DATE 9/27/85

SURFACE ELEV. 373'±

TORVANE (TSF)	POCKET PENETRO- METER (TSF)	PENETRA- TION (Blows/ Ft.)	CROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITH GRAPI COLU	ню -	DESCRIPTION
		Push	-	0- 5-	(1)	SW		CONCRETE. SAND - Fill; very dark gray (5Y, 3/1); fine to coarse grained; trace fine gravel; trace fines; damp; strong gasoline odor.
	4.3	30			(2) (3)	CL X		<pre>07': loose; strong gasoline odor. CLAY; olive (5Y, 5/6, 5/3); 20% fine to coarse sand; silty; hard; damp; no gasoline odor.</pre>
	. 0. 4	50for 6" 19		15		GC C.C.C.		CLAYEY GRAVEL; olive (5Y, 5/6, 5/4); fine grained; 35% fine to coarse sand; 15% fines; very dense; damp; no gasoline odor.
	0.4	72	•	20		CL /		CLAY; yellowish brown (10YR, 5/6, 5/8); 35% fine to coarse sand; silty; soft; moist; no gasoline odor.
	•	48	- · · · · · · · · · · · · · · · · · · ·	25 30	7	SW T		SAND: olive (5Y, 4/3); fine to coarse grained; 10% fines; medium dense; moist; no gasoline odor. SANDY SILT; light olive brown (2.5Y, 5/6) 40% fine sand; very stiff; moist; no gasoline odor. CLAYEY SAND; olive brown (2.5Y, 4/4); fine to coarse grained; 40% clay;
			-	35- 35-				dense;moist; faint gasoline odor. BOTTOM OF BORING AT 28 FEET

REMARKS Drilled by 8-inch continuous flight, hollow-stem auger; samples collected with 2-inch California modified split-spoon sampler; borehole backfilled with concrete from 28 to 15 feet, soil cuttings to ½ foot; concrete to surface.



PROJECT NUMBER 738-60.01

BORING NO. S-D

PROJECT NAME Gettler-Ryan, Shell, 4226 First St., Pleasanton

PAGE $_1$ OF $_1$

BY MGB DATE 9/27/85

SURFACE ELEV. 3741±

	1100	<u> </u>		7	,			374'±
TORVANE (TSF)	POCKET PENETRO- METER (TSF)		CROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	CR/	THO- PHIC LUMN	DESCRIPTION
	4.25 5 2.2 1.25	Push 2 37 44		15 20	(2)	CL ML		CONCRETE. SAND - Fill; very dark gray (5Y, 3/1); fine to coarse grained; 15% fine gravel trace fines; loose; damp; strong gasolin odor. 07': strong gasoline odor. CLAY; olive yellow (5Y, 6/8) to olive (5Y, 4/3); 20% fine to coarse sand; silty; hard; damp; faint gasoline odor. 014': olive (5Y, 4/3); 35% fine to coarse sand; 10% fine gravel; faint gasoline odor. 019': olive (5Y, 4/3); to gray (5Y, 5/1); 20% fine to medium sand; slightly silty; very stiff; damp; faint gasoline odor. SANDY SILT; olive (5Y, 4/4); 40% fine sand; slightly clayey; stiff; damp; faint gasoline odor. BOTTOM OF BORING AT 22½ FEET.

REMARKS Drilled by 8-inch continuous flight, hollow-stem auger; samples collected with 2-inch California modified split-spoon sampler; borehole backfilled with concrete from 22½ to 11½ feet, soil cuttings to ½ foot ; concrete to surface.



PROJECT NUMBER 738-60.01

BORING NO. S-1

PROJECT NAME Gettler-Ryan, Shell, 4226 First St., Pleasanton

PAGE 1 OF 1

BY MGB

DATE 9/27/85

SURFACE ELEV. 373'±

	Plub	<i></i>	(16 5)	4//	•		SURFACE ELEV. 3/3 ±
TORVANE (TSF)	POCKET PENETRO- METER (TSF)	PENETRA- TION (Blows/ Ft.)	CROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION
	3.6	34 28 57		5 - 10 15 20 25 3 5 4 0	(1)	SW SC CL GG	ASPHALT and GRAVEL - Fill SAND - Fill; very dark gray (5Y, 3/1); fine to coarse grained; 10% fine gravel trace fines; damp; moderate gasoline odor. CLAYEY SAND; very dark gray (5Y, 3/1); fine to coarse grained; damp; moderate gasoline odor. 012½': 10% fine gravel. CLAY; light olive brown (2.5Y, 5/6); 5% fine to coarse sand; silty; hard; damp; faint gasoline odor. 019': 20% fine to coarse sand; silty; very stiff; faint gasoline odor. CLAYEY GRAVEL; olive (5Y, 5/4); fine grained; 35% fine to coarse sand; clayey; very dense; damp; no gasoline odor. 029': no gasoline odor. BOTTOM OF BORING AT 30½ FEET.

REMARKS Drilled by 8-inch continuous flight, hollow-stem auger; samples collected with 2-inch California modified split-spoon sampler; borehole converted to 3-inch monitoring well as detailed on Plate F.





(TPH-G) G:\PLE4226\GINT\PLE4226.GPJ DEFAULT.GDT

Cambria Environmental Technology, Inc. 1144 - 65th St. Oakland, CA 94608 Telephone: (510) 420-0700 Fax: (510) 420-9170

BORING/WELL LOG

(SB-6)

CLIENT NAME Equiva Services LLC BORING/WELL NAME MW-1 JOB/SITE NAME ple-4226 DRILLING STARTED ___08-Apr-99 LOCATION DRILLING COMPLETED ___09-Apr-99 4226 First Street, Pleasanton, California PROJECT NUMBER 241-0395 WELL DEVELOPMENT DATE (YIELD) NA DRILLER Gregg Drilling ___371.83 ft **GROUND SURFACE ELEVATION** Hollow-stem auger DRILLING METHOD TOP OF CASING ELEVATION 371.20 ft BORING DIAMETER 8" 37.5 to 57.5 ft bgs SCREENED INTERVAL B. Jakub LOGGED BY DEPTH TO WATER (First Encountered) __ 42.5 ft (08-Apr-99) REVIEWED BY B. Jakub **DEPTH TO WATER (Static)** NA Hand augered to 5' bgs; located near NW planter/entrance to Shell station on Vineyard and W of SB-7. REMARKS

CONTACT DEPTH (ft bgs) TPHg (mg/kg) RECOVERY GRAPHIC LOG BLOW COUNTS EXTENT U.S.C.S. DEPTH (ft bgs) SAMPLE LITHOLOGIC DESCRIPTION WELL DIAGRAM ASPHALT. 0.3 1.5 Sandy SILT; (ML); brown (10YR4/3); very soft; wet; 5% clay, 70% silt, 25% fine to medium grained sand; low ML plasticity; moderate to low estimated permeability. SILT; (ML); dark yellow brown (10YR4/6); stiff; moist; 5 5% clay, 85% silt, 8% sand, 2% fine grained gravel; low plasticity; low estimated permeability. ML. Portland Type 1/11 9.7 Clayey SILT; (ML); yellow brown (10YR5/8); stiff; damp; 38% clay, 50% silt, 2% fine grained sand, 10% fine to coarse subangular gravel; high plasticity; low estimated permeability. ML 15.0 <1.0 SB-6 Clayey Gravelly SAND; (SP); dark greenish gray (5GY4/1); dense; damp; 20% clay, 50% sand, 30% gravel; -15.5 medium plasticity; low to moderate estimated SP permeability; wood fragments. 19.3 11 SB-6 Sandy SILT with Clay; (ML); olive (5Y4/3); very stiff; <1.0 20 damp; 15% clay, 50% silt, 35% very fine grained sand; low - 19.5 plasticity; moderate to low estimated permeability. ML 2" diam., 24.5 Schedule 40 Gravelly SAND with Silt; (SP); olive (5Y4/3); dense; damp; 5% clay, 15% silt, 60% fine to medium grained <1.0 SB-6 **PVC** - 25.0 sand, 20% gravel; no plasticity; high to moderate SP estimated permeability. 29.0 Sandy GRAVEL; (GP); olive (5Y4/3); very dense; damp; $(^{\circ}C)^{\circ}$ 2% clay, 13% sllt, 35% medium grained sand (red grains), 45 <1.0 SB-6 0 50% fine to coarse, subangular to subrounded gravel -30.0(chert); no plasticity; high estimated permeability, GP ■ Bentonite Seal 34.0 Clayey Gravelly SAND; (SP); dark yellow brown Continued Next Page PAGE 1 OF 2



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BORING/WELL LOG

PAGE 2 OF 2

Telephone: (510) 420-0700 Fax: (510) 420-9170

CLIENT NAME	Equiva Services LLC	BORING/WELL NAME	MW-1
JOB/SITE NAME	ple-4226	DRILLING STARTED	08-Apr-99
LOCATION	4226 First Street, Pleasanton, California	DRILLING COMPLETED	09-Apr-99

Continued from Previous Page CONTACT DEPTH (ft bgs) TPHg (mg/kg) GRAPHIC LOG RECOVERY BLOW U.S.C.S. EXTENT DEPTH (ft bgs) SAMPLE LITHOLOGIC DESCRIPTION **WELL DIAGRAM** (10YR4/6); very dense; damp; 20% clay, 10% silt, 40% medium grained sand, 30% fine to coarse grained gravel SB-6 <1.0 - 35.0 Monterey (sandstone/claystone, serpentinite, some MnO2/Fe Sand #3 staining); low plasticity; moderate to low estimated permeability. 20 50/4 SB-6 <1.0 - 40.0 SP $\bar{\Delta}$ 25 45 @ 44' - moist to wet. 45 2"-diam.,
 0.020" Slotted Schedule 40 PVC 50.0 Clayey GRAVEL with Silt; (GC); dark yellow brown 60/6 (10YR4/6); very dense; moist to wet; 25% clay, 15% sllt, 20% fine to coarse grained sand, 40% fine to coarse grained gravel. GC 55.2 Clayey SILT; (MH); light olive brown (2.5Y5/4); hard; 40 50 damp; 25% clay, 75% sllt; medium to high plasticity; very MH low estimated permeability; black MnO2 blebs throughout. 58.0 Bottom of Boring @ 58 ft WELL LOG (TPH-G) G:\PLE4226\GINT\PLE4226.GPJ DEFAULT.GDT 8/11/99

BORING/WELL LOG

PAGE 1 OF 2



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			(,								
	CLIENT	NAME	E	<u>qui</u>	va Serv	ices Ll	LC		BORING/WELL NAME	MW-2			
	JOB/SIT	E NAM	E	hell	I-brande	ed serv	vice sta	ation	DRILLING STARTED	<u> 18-Jan-00</u>			
	LOCATIO	ON	4	226	First S	treet, l	Pleasa	nton, California	DRILLING COMPLETED				
	PROJEC	TNUM	IBER2	41-0	0395				WELL DEVELOPMENT DATE (YIELD) 03-Feb-00				
	DRILLER	₹		areg	g Drillir	ng							
	DRILLIN	G MET	HOD	lollo	w-stem	n augei	<u>. </u>		TOP OF CASING ELEVAT	ION <u>372.40</u>	ft aboy	e msl	anin-n-mm.
	BORING	DIAME	ETER 8	Д					SCREENED INTERVAL				
	LOGGE	ЭΒΥ	E	l. Ja	akub				DEPTH TO WATER (First	Encountered)			ın-00) <u>\frac{\frac{\triangle}{\triangle}}</u>
	REVIEW	ED BY	s	<u>. B</u>	ork, RG	# 5620)		DEPTH TO WATER (Statio	c)	<u>N</u>	<u>4</u>	<u></u>
	REMARK	KS .	<u> </u>	lanc	d auger	ed to 5	' bgs.						·
1	~		_	Τ			1.				CONTACT EPTH (ft bgs)	T	
	TPHg (ppm)	BLOW	SAMPLE ID	EXTENT	E (St	U.S.C.S.	GRAPHIC LOG				AC (# D		
١	lg (i		₽	I E	DEPTH (ft bgs)	S.C	₽ŠΩ	LITHO	LOGIC DESCRIPTION		ĮΣΈ	W⊨i	LL DIAGRAM
	효	" 8	SAI	(ii)	٥٥	\supset	ច				βğ		
				-				ASPHALT.			0.5		1
					-	•		Sandy SILT: (ML): da	ark brown; soft; damp; 3% c	lay,			
ı	-			1		ML		80% silt, 15% tine gr	alned sand, 2% gravel; low nated permeability; palm tre	piasticity; se roots.			
ı				1				,					
				ľ				OW - 04ND - (014)	Have brown aster down: 20/	alav	4.0		
				L	_ 5 _	SM		43% silt, 50% sand,	llow brown; soft; damp; 2% 5% gravel; low plasticity; mo	oderate			◄ 4" diam.,
				Ш		MH		estimated permeabili	ty. ellow brown; stiff; damp; 38	% clay	5.8 6.6		Schedule 40 PVC
	<1.0		MW-2-6.3'			IVIT		50% silt. 2% fine gra	ined sand, 10% fine to coar	se, /	10.0		1.00
-					L		144	\subangular gravel; hi \permeability.	gh plasticity; low estimated	/			
-						SM		Silty SAND: (SM): ve	llow brown; dense; damp; 2	% clay,			
1								40% silt, 50% sand, a estimated permeabili	8% gravel; no plasticity; high	h 	10.0		
ı				П	-10-	SM		Clavey Silty SAND: (SM): vellow brown; stiff; dar	np;	11.0		
				П				15% clay, 30% silt, 5 moderate estimated	0% sand, 5% gravel; low plane	asticity;			
				П				Silty SAND: (SM): ve	llow brown: dense; damp; 2	% clay,			
١						SM		40% silt, 50% sand, a estimated permeabili	8% gravel; no plasticity; high	n			
ļ				\Box	<u> </u>			@ 12.8' - 10% clay, 3	38% silt, 50% sand, 8% grav	vel;	15.0		
J				\check{H}	 15-			— moderate estimated Clavey SILT: (ML): ve	ellowish brown: stiff: damp:				▼ Portland Type
-				Ш		ML		clay, 80% silt, 3% sa	nd, 2% gravel; medium plas	ticity; low	16.5		1/11
-	<1.0		MW-2-16.5	П		SM		estimated permeabili Graveliv Silty SAND:	ty. (SM); yellow brown; damp;	5%			
1				Ш				clav, 25% silt, 45% fi	ne to coarse grained sand, .	25%	18.2		
				$\overline{\Box}$				Clavev Silty SAND;	stimated permeability. SM); yellow brown; damp; 1				
8				\subseteq	20-	SM		clay, 25% silt, 50% s	and, 10% fine gravel.			\bowtie	
6/23/				Н		*						Y //	
5	<1.0		MW-2-21.5'	H				Conducilly CDAVEL	; (GM); yellow brown; damp	· 10%	22.0	N	≺ Bentonite Seal
Ę				М	-			clay, 30% silt, 20% s	; (GM); yellow brown, damp and, 40% fine to coarse gra	vel; chert	1		- Demonite Seal
E					_	GM	14/2	to 2".	_				
	-			Ш	-25-								≺ Lonestar Sand
9.6				Ц			17				26.0		#3
E422	<1.0		MW-2-26.0'	П				Gravelly Silty SAND;	(SM); very dense; damp; 5 25% gravel; no to low plastic	% clay, citv:			
Ē						SM		moderate to high esti	mated permeability.	,,			
9						3141							
₹S					[_						30.0		
죍		35 50/6	NAME OF STREET	\times	-30-		عالاة	Clayey Sandy Silty G	RAVEL; (GM); dark yellow	brown;			
9	<1.0	38	MW-2-30.5'	ô	-	GM	PH.	very dense; damp; 18 fine to coarse gravel:	5% clay, 15% silt, 20% sand low plasticity; moderate es	timated			
킓		50/6				GIVI	ÞβC	permeabllity.					
WELL LOG (SHELL) G.VPLEASA-4/GINT/PLE4226.GPJ DEFAULT.GDT 6/23/00		45 50/a		×	├ ┤				e to dark greenish gray; ch		33.5		
ğ		50/6		ŏ	-			Sandy Clayey GRAV saturated: 25% clay.	EL; (GC); very dense; wet to 15% silt, 20% sand, 40% gr	ravel.			
뒣		24		\bowtie	35-		レンベル				<u> </u>	j	PAGE 1 OF 2

Continued Next Page

BORING/WELL LOG



Cambria Environmental Technology, Inc. 1144 - 65th St. Oakland, CA 94608

Telephone: (510) 420-0700 Fax: (510) 420-9170

CLIENT NAME JOB/SITE NAME Equiva Services LLC Shell-branded service station **BORING/WELL NAME DRILLING STARTED**

MW-2 18-Jan-00

19-Jan-00 DRILLING COMPLETED _ 4226 First Street, Pleasanton, California LOCATION Continued from Previous Page CONTACT DEPTH (ft bgs) GRAPHIC LOG SAMPLE ID TPHg (ppm) BLOW COUNTS EXTENT U.S.C.S. DEPTH (ft bgs) WELL DIAGRAM LITHOLOGIC DESCRIPTION 50/6 MW-2-35.0 Sandy Clayey GRAVEL; (GC); very dense; wet to <1.0 4"-diam., 0.020" Slotted saturated; 25% clay, 15% sllt, 20% sand, 40% gravel. 50/6 GC Schedule 40 PVC 50/8 50/6 40.3 Sandy Gravelly SILT; (ML); hard; saturated; 12% clay, 37 58% silt, 15% sand, 15% gravel; medium plasticity; low estimated permeability. 50/6 ML 50/6 43.5 Sandy Clayey SILT; (ML); hard; saturated; 15% clay, ML 50/6 60% silt, 15% sand, 10% gravel. 45.0 Sandy SILT; (ML); hard; saturated; 12% clay, 45% silt, 43% fine grained sand; slight plasticity; low estimated 50/6 ML permeability. 12 19 48.0 27 Bottom of Boring @ 48 ft WELL LOG (SHELL) G:PLEASA-4/GINT/PLE4226.GPJ DEFAULT.GDT 6/23/00 PAGE 2 OF 2

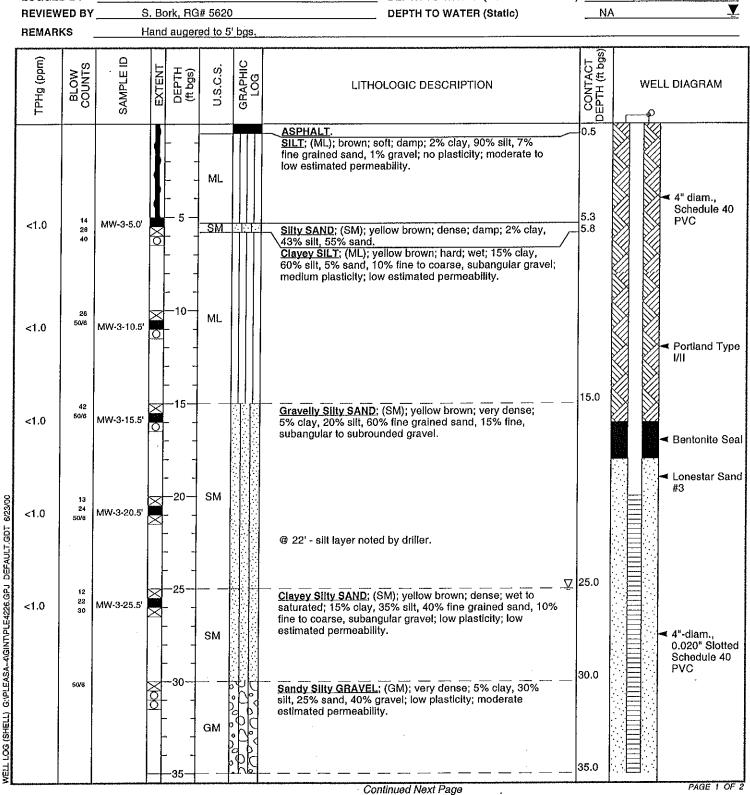




Cambria Environmental Technology, Inc. 1144 - 65th St. Oakland, CA 94608

Telephone: (510) 420-0700 Fax: (510) 420-9170

CLIENT NAME _	Equiva Services LLC	BORING/WELL NAME MW-3		
JOB/SITE NAME	Shell-branded service station	DRILLING STARTED 18-Jan-00		
LOCATION	4226 First Street, Pleasanton, California	DRILLING COMPLETED 19-Jan-00		
PROJECT NUMBER _	241-0395	WELL DEVELOPMENT DATE (YIELD)	03-Feb-00	
DRILLER _	Gregg Drilling	GROUND SURFACE ELEVATION	375.90 ft above msl	
DRILLING METHOD	Hollow-stem auger	TOP OF CASING ELEVATION 375.05 ft	above msl	
BORING DIAMETER _	8"	SCREENED INTERVAL 20 to 35 f	ft bgs	
LOGGED BY	B. Jakub	DEPTH TO WATER (First Encountered)	25.0 ft (18-Jan-00)	∇
REVIEWED BY	S. Bork, RG# 5620	DEPTH TO WATER (Static)	NA	
DEMARKO	Hand averaged to Claims			





WELL LOG (SHELL) G:VPLEASA-4\GINT\PLE4226.GPJ DEFAULT.GDT 6/23/00

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BORING/WELL LOG

PAGE 2 OF 2

CLIENT NAME	Equiva Services LLC	BORING/WELL NAME	MW-3
JOB/SITE NAME	Shell-branded service station	_ DRILLING STARTED	18-Jan-00
LOCATION	4226 First Street, Pleasanton, California	DRILLING COMPLETED	19-Jan-00

LOCATION		4220	FIRST	ireei, i	-leasa	nton, California DRILLING COMPLETED 19-Jan-00			
				T'		Continued from Previous Page			·*
TPHg (ppm)	1 %	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	W	ÆLL DIAGRAM
3	5 6 6			ML		SILT; (ML); light brown; hard; 10% clay, 80% silt, 10% sand; low plasticity; low estimated permeability.			✓ Bentonite Seal
1: 2: 4:	5	X		ML		Clayey SILT; (ML); hard; 20% clay, 70% silt, 10% fine grained sand; medium plasticity; low estimated permeability.	40.0	13	Bottom of
									Boring @ 41.5 ft
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				Project N	lo	SJ42-26	E 1		Clier	.4.	Shell Oil Products	He	Well No: MW-4
				Logged I		AP)ı · - ı		Loca		4226 First Street	00	Page 1 of 3
_		H	4	Driller:	- y.	Gregg				Drilled:	8/24/2006	Location Map	i ago t oi o
	14	.اح	ta	Drilling N	Aethod:	HSA/AK	(7')			Diamete		Localion map	
▎┕	人	<u>フ</u>	la		Method:	SS	· (')			Depth:	50'	Please s	ee site map
l _₽ ,	wire	ากกร	ental	Casing T	_	sch 40 F	PVC			Diamete		1 10000	od oko map
				Slot Size		0.01	***			Depth:	47'		
	IISUI	tant	s, IIIC.	Gravel P		#2/12 sa	and						
				Giavoii	Elevation			Casing Sticku Northing		ig onom	Easting	-	
							, restaining						
Well	Comp	letion		. سد ۱۵	ing	2 C	et)	Sa	mple	υ			
_	D	l	Static Water	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)			Soil Type		THOI OGY	/ DESCRIPTION
Backfill	Casing		Level	Co ∰	N. 9.	ene	abth	000	Interval	,	L.	HOLOGI	, DEGGIAI TION
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		_				3			A		Clavey SAND with G	Praval: dar	k brown to orangish brown,
				dry	0.1	4	9			SC			ained sands, 20-30% fines,
				uly	0.1	5			\coprod	00	10-20% gravels up to		
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		\dashv					4.5						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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										CL `	Sandy Lean CLAY:	orangish br	own, very stiff, 5-10%
							13—	\dashv					5% fine grained sands,
						6	ا ا		*		50-60% fines, low pla		- 0
				moist	7.4	8	14—		Ш			,	
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						7	19 —		1				medium dense, 20-30%
			'	moist	2	11	18-						s, trace gravels up to 0.5"
						11	20		\downarrow		diameter, low plasticit	ty	

			Project No:								I
			Project N Logged		SJ42-26 AP	5⊢-1	Clier	nt: ition:	Shell Oil Products 4226 First Street	US	Well No: MW-4 Page 2 of 3
		4	Driller:	ωу.	Gregg			Drilled:		Location Map	Irage 2 or 5
		ta	Drilling N	/lethod:	HSA/AK	(7')		Diamet			
	U	LCI		g Method:	SS	- (. /		Depth:	50'	Please se	ee site map
Env	ironm	ental	Casing 1		sch 40 F	PVC		Diamete	er: 4"		·
Cons	ultani	s, Inc.	Slot Size);	0.01		Well	Depth:	47'		
			Gravel P		#2/12 sand			ng Stick		_	
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Comp		Static	છ ≠	ling	ig (C	g g	Sample	e e			
1		Water	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	la lei	Soil Type	Li	THOLOGY	/ DESCRIPTION
Backfill	,	Level	၌႘	Ö	Še 6	td	Recovery	Soi			
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								SC	Clayey SAND (cont.)		
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					6	24-		SP-			y: brown, medium dense,
	_		moist	4.1	8	- '		SC	5-15% fines, 85-95%	fine graine	ed sands
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		-		7.0	11	29 —	_ 1	SC			wn, medium dense, 20-30%
	-		moist	7.2	13 17				coarse grained sands		diameter, 50-70% fine to
					''	30 —			Coarse grained sands	!	
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	-	 ▼			40			CL	Sandy Ioan CLAV	th Graval	brown, hard, 10-20%
Bentoode		1	moist	340	10 16	34 —		UL	gravels up to 1" diam		
	-		IIIOISI	J-7-U	20				(mostly in small inclus	sions or len	ises), 50-70% fines.
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			moist	555	14	30 —					
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Sand	_					ļ					
°	 —					38					
	-				13		A		(orangish brow	n w/arev m	nottling, 15-25% gravels up
	-		moist	762	17	39 —					ne grained sands, 45-65%
	1 -		moist	, 02	20	40			fines, low plast		grainea sanas, 10 0070
	3				20	_ T U			I IIIOO, IOW PIAGE	-11,5/	

		Project N	ηυ.	SJ42-26	SF-1	Clie	ent:		Shell Oil Products	US	Well No: MW-4	
		Logged I		AP	· ·		ation:		4226 First Street		Page 3 of 3	
D - 14		Driller:	y -	Gregg			e Drilled:	:	8/24/2006	Location Map		
Delt	' 2	Drilling N	/lethod:	HSA/AK	(7')	(7') Hole Diameter		ter:	12"	12"		
	·	Sampling	g Method:	SS sch 40 PVC		Hole Depth: PVC Well Diameter:			50'	Please see site map		
Environmen	ntal	Casing T	Гуре:					ter:	4"			
Consultants,	Inc.	Slot Size):	0.01	Well Depth:			47'				
		Gravel P		#2/12 sand					-			
			Elevation		Northing			Easting				
Well				1								
Completion	Static	말世	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample	Soil Type					
	Water	Moisture Content	Rea	etra ows/	를 H	/ery	i i		LIT	HOLOGY	/ DESCRIPTION	
Backfill Casing	Level	ĭĕŏ	Ď.	[등 전 전	g G	Recovery	တိ					
						<u> </u>	CL	sandy	/ lean CLAY w/g	ravel (con	+ \	
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Sand					43		4					
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					48		CL	sandy	lean CLAY: ora	ınaish brov	wn, hard, 35-45% fine	
				11		A	7	graine	ed sands, 55-65	% fines, lo	w plasticity	
		wet	27	17	49							
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			Project I	No:	SJ42-26	SF-1		Clien	t:	Shell Oil Products	US	Well No: MW-1B	
			Logged	Ву:	AP		Location:			4226 First Street	4226 First Street Page 1 of 6		
	_ 1	1	Driller:		Gregg		Date Drilled:			8/23/2006	Location Map		
)	ום	ta	Drilling N	Method:	HSA/AK (7')			Hole	Diamete	r: 12"			
	U I	LCI		g Method:	SS	` ,			Depth:	108'	Please se	e site map	
Fnvi	ronm	ental	Casing		sch 40 F	PVC			Diamete			•	
1			Slot Size		0.01				Depth:	108'			
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Well Cor	npletion			p p	E (ਦ	99	mple					
Backfill		Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Recovery 9	Interval	Soil Type	LIT	HOLOGY	DESCRIPTION	
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Delta Environmental Consultants, Inc. Well Completion	Project No: Logged By: Driller: Drilling Method: Sampling Method Casing Type: Slot Size: Gravel Pack: Elevation (Logd)	sch 40 l 0.01 #2/12 s:	((7') PVC and	Hole Hole Well I Well I	Shell Oil Products 4226 First Street 8/23/2006 12" 108' 4" 108' - Easting	Well No: MW-1B Page 2 of 6 Location Map Please see site map THOLOGY / DESCRIPTION		
## C			21 — 22 — 23 — 24 — 25 — 26 — 27 — 28 — 30 — 31 — 32 — 33 — 33 — 34 — 35 — 36 — 37 — 38 — 39 — 40 — 40					

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Delta Environmental Consultants, Inc. Well Completion Static	Project No: Logged By: Driller: Drilling Method: Sampling Method Casing Type: Slot Size: Gravel Pack: Elevatio	sch 40 l 0.01 #2/12 sa n	C (7') PVC and	Hole Hole Well Well Casir Northing	ion: Drilled: Diameter: Depth: Diameter: Depth: diameter: Depth:	108' : 4" 108' o: - Easting	Location Map Please se	Well No: MW-1B Page 3 of 6 ee site map
Water Casing Water Level	Moisture Content PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Recovery	Soil Type	LIT	HOLOGY	/ DESCRIPTION
175	dry 8.1	14 16 21	41 — 42 — 43 — 44 — 45 — 46 — 47 — 50 — 51 — 52 — 53 — 54 — 55 — 56 — 57 — 58 — 59 — 60		8	SILT: mottled yellow k 30-90% fines, <10% fow plasticity		orangish brown, hard, fine grained sands,

			l_ ,	_							0	110	N. (14) 1041 45
			Project I Logged		SJ42-26 AP	SF-1		Clien Loca			Shell Oil Products 4226 First Street	US	Well No: MW-1B Page 4 of 6
		1	Driller:	ьу.	Gregg				Drilled:		8/23/2006	Location Map	rage 4 or 0
D	ال	ta	Drilling N	Method:	HSA/AK	(7')			Diamet		12"	,	
				-	SS				Depth:		108'	Please s	ee site map
	ronm		Casing 1		sch 40 F	PVC			Diamete	er:	4"		
Const	ultant	s, Inc.	Slot Size Gravel F		0.01 #2/12 sa				Depth: ng Stick		108'		
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		Water	Moisture Content	Read pm)	etrati ws/6	h (fe	e G	<u>5</u>	Soil Type		LIT	THOLOGY	/ DESCRIPTION
Backfill Casing		Level	<u>8</u> 0	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Recovery	Interval	Soil				
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			dry	9.1	11 13	79 —		H			medium plasti		y fine grained sands,
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	ronme ultant		Project N Logged I Driller: Drilling N Sampling Casing T Slot Size Gravel P	By: Method: g Method: Type: s: ack: Elevation	SJ42-26 AP Gregg HSA/AK SS sch 40 F 0.01 #2/12 sa	(7') PVC	Client: Location: Date Drilled: Hole Dlameter: Hole Depth: Well Diameter: Well Depth: Casing Stickup:		er;	Shell Oil Products 4226 First Street 8/23/2006 12" 108' 4" 108' - Easting	Location Map	Well No: MW-1B Page 5 of 6 ee site map	
Backfill Casing	etion	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Recovery Samp	Interval e	Soil Type		LIT	rhology	/ DESCRIPTION
Settlente			dry	9.9	10 14 18 10 16 21	81 — 82 — 83 — 84 — 85 — 86 — 87 — 91 — 91 — 92 — 93 — 94 — 95 — 96 — 97 —				SILT hard,		ine grained	
Sand		∇	wet	8.1	11 16 20	98— 99— 100		1		20-30		1" diamete	wn, dense, 10-20% fines, er, 60-70% medium to parse grained)

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			Project I		SJ42-26	3F-1		Clien			Shell Oil Products	US	Well No: MW-1B
I		_	Logged Driller:	ву:	AP Gregg			Loca	tion: Drilled:		4226 First Street 8/23/2006	Location Map	Page 6 of 6
	ا۵	ta	Drilling N	Mathod:	HSA/Ak	((7")			Diamete		12"	Location Map	
	CI	La	_	g Method:	SS	`(')			Depth:		108'	l Please s	ee site map
Envi	ronm	ental	Casing 1		sch 40 I	PVC			Diamete		4"		o one map
Consi			Slot Size		0.01				Depth:		108'		
		_,	Gravel F		#2/12 sa	and			ng Stick		-		
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Comple		Static	o +=	PID Reading (ppm)	2 C	()	Sar	nple	စ္				
)	Water	Moisture Content	Pm)	etrat ws/6	л (ў	ery	<u> </u>	Soil Type		LIT	HOLOGY	/ DESCRIPTION
Backfill Casing		Level	§ 8	_ <u>⊡</u>	Penetration (blows/6")	Depth (feet)	Recovery	interval	Soil				
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Sand					13	104 —		1			(30-40% fines,	40-60% fii	ne to coarse graines sands,
°			wet	0.7	17	-		$oldsymbol{\perp}$			10-20% gravels	s up to 1" o	diameter)
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					13	107		Ā			(25-35% fines,	55-65% sa	and, 10-20% gravels up to
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DELTA XInogen	Cilent Shell Oil Produ Project Number SJ4:	-	Boring No. 3-1
Address: 4226 1st Street Pleasanton, California Logged By: Andy Persio	Drilling Date(s): 3/27/07 Drilling Company: Gregg Drilling Method: HSA Boring Depth (ft): 35	Boring diameter (In.): 8 Sampling Method: Hand Auger/Split Spoon Well Depth (ft.): NA Casing Diameter (In.): NA	Casing Material: NA Screen Interval: NA Screen slot size: NA Sand Pack: NA
Depth (ft.) Water Level Soil/Rock Graphic Sampled Interval Blow Counts (blows/ft)	Recovery (%)	lock Visual Description	PID Reading (ppm) Boring Completion Depth (ft.)
10 —	SC: Clayey SAND, oran fines, 10% gravels up to 100% 5.5 - 7 feet bgs: as abov CL: Lean CLAY with sa 80% fines, low plasticity SC: Clayey SAND, oran 40% fines, trace gravels SC: Clayey SAND with coarse sand, 30-40% fines, 10% gravels up to 1 in SC: Clayey SAND, oran 30% fines, 10% gravels	ngish brown, 60-70% fine to medium sand, 30-s, dry. gravel, dark brown to dark gray, 50-60% fine to nes, 10-20% gravels up to 1 inch in diameter, own, 50-60% fine to coarse sand, 15-25% fines, nch in diameter, dry) gish brown, 65-70% fine to coarse sand, 25-up to 0.5 inches in diameter, dry.	13.3
Page 1 of 1			

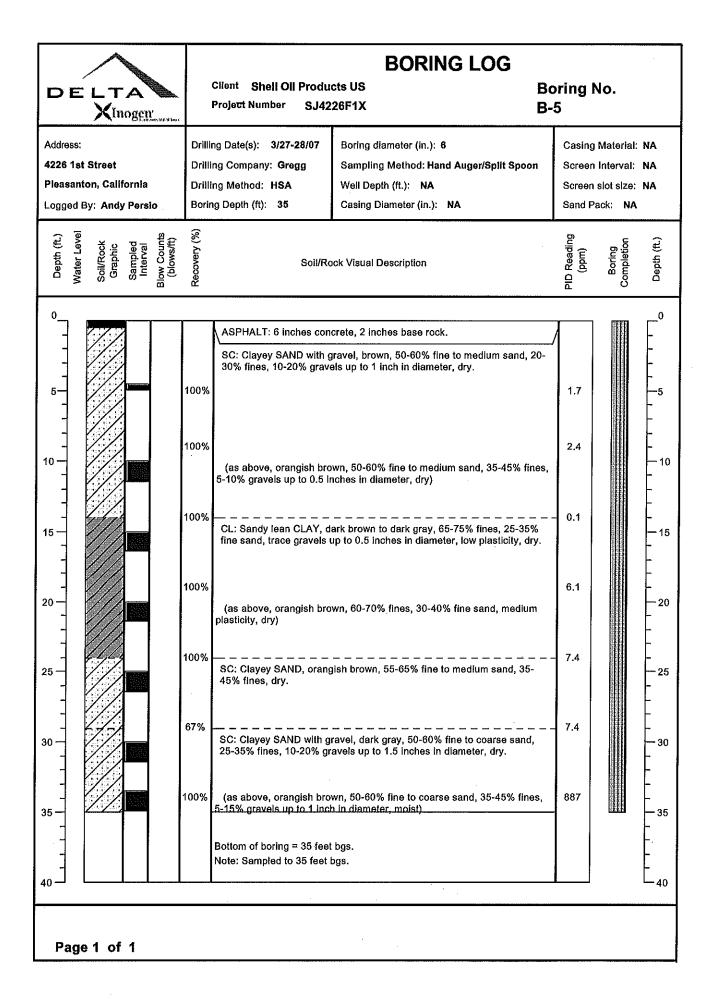
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BORING LOG Client Shell Oll Products US **Boring No.** DELTA Project Number SJ4226F1X B-2 XInogen Address: Drilling Date(s): 3/27/07 Boring diameter (in.): 6 Casing Material: NA 4226 1st Street Drilling Company: Gregg Sampling Method: Hand Auger/Split Spoon Screen Interval: NA Pleasanton, California Drilling Method: HSA Well Depth (ft.): NA Screen slot size: NA Boring Depth (ft): 35 Casing Diameter (in.): NA Sand Pack: NA Logged By: Andy Persio Recovery (%) Sampled Interval Soil/Rock Graphic Depth (ft.) Soil/Rock Visual Description ASPHALT: 6 inches concrete, 1-2 Inches base rock. CL: Sandy lean CLAY, dark brown, 60-70% fines, 30-40% fine to medium sand. SC: Clayey SAND, orangish brown, 55-65% fine to medium sand, 35-100% 6.4 45% fines, trace gravels. 5.5 - 7 feet bgs: as above, clay increasing, more compact, dry. 100% (as above, 65-75% fine to medium sand, 25-35% fines, very dense, dry) 0.6 10 CL: Sandy CLAY, orangish brown, 20-30% fine sand, 70-80% fines, low plasticity, dry. 100% 0.2 15 15 SC: Clayey SAND, orangish brown, 60-70% fine to coarse sand, 30-40% fines, trace gravels, dry. 83% 0.3 20 20 SC: Clayey SAND with gravel, brown to orangish brown, 50-60% fine to coarse sand, 25-35% fines, 5-25% gravels up to 1 inch in dlameter, dry. 67% 5.8 25 25 50% 0.1 (same as above, dry) 30 30 67% 33.2 (same as above, dry) 35 35 Bottom of boring = 35 feet bgs. Note: Sampled to 35 feet bgs. 40 40 Page 1 of 1

BORING LOG Client Shell Oil Products US **Boring No.** DELTA Project Number SJ4226F1X B-3 XInogen' Drilling Date(s): 3/27-28/07 Address: Boring diameter (in.): 8 Casing Material: NA 4226 1st Street Sampling Method: Hand Auger/Split Spoon Drilling Company: Gregg Screen Interval: NA Pleasanton, California Drilling Method: HSA Well Depth (ft.): NA Screen slot size: NA Sand Pack: NA Boring Depth (ft): 35 Casing Diameter (in.): NA Logged By: Andy Persio Recovery (%) Depth (ft.) Soil/Rock Graphic Sampled Interval Soil/Rock Visual Description ASPHALT: 6 inches concrete, 1-2 inches base rock. SC: Clayey SAND, orangish brown, 55-65% fine to medium sand, 35-45% fines. 100% 12.5 (as above, clay increasing, more compact, dry) 100% (as above, 60-70% fine to medium sand, 30-40% fines, trace gravels, 0.4 dry) 10 10 CL: Sandy lean CLAY, orangish brown, 30-40% fine sand, 60-70% fines, low plasticity, dry. 100% 6.2 15 SC: Clayey SAND, orangish brown, 60-70% fine sand, 30-40% fines, 83% 2.1 20 20 67% (as above, 60-70% fine to coarse sand, 20-30% fines, 10% gravels up to 98.1 0.5 inches in diameter, dry) 25 25 (as above, 50-60% fine to medium sand, 30-40% fines, 5-10% gravels 536 50% up to 0.5 inches in diameter, dry) 30 30 SC: Clayey SAND with gravel, dark brown, 50-60% fine to coarse sand, 25-35% fines, 15-25% gravels up to 1 inch in diameter, dry. 83% 2,7 35 35 Bottom of boring = 35 feet bgs. Note: Sampled to 35 feet bgs. 40 40 Page 1 of 1

BORING LOG Client Shell Oil Products US **Boring No.** DELTA **Project Number** SJ4226F1X B-4 XInogen Casing Material: NA Address: Drilling Date(s): 3/27-28/07 Boring diameter (in.): 6 4226 1st Street Drilling Company: Gregg Sampling Method: Hand Auger/Split Spoon Screen Interval: NA Pleasanton, California Well Depth (ft.): NA Screen slot size: NA Drilling Method: HSA Boring Depth (ft): 35 Casing Dlameter (in.): NA Sand Pack: NA Logged By: Andy Persio Depth (ft.) Soil/Rock Graphic Sampled Interval Depth (ft.) Soil/Rock Visual Description ASPHALT: 6 inches concrete, 2 inches base rock. SC: Clayey SAND with gravel, dark brown, 50-60% fine to medium sand, 20-30% fines, 10-20% gravels up to 1 inch in diameter, dry. 56.3 100% 67% 13.0 (same as above, dry) 10 SC: Clayey SAND, orangish brown, 50-60% fine to medium sand, 40-50% fines, trace gravels, dry. 67% 5.8 15 80% (as above, 60-70% fine to coarse sand, 30-40% fines, trace gravels, dry) 1.2 20 20 100% (as above, 55-65% fine to coarse sand, 30-40% fines, 5-15% gravels up 12.3 to 1 inch in diameter, dry) 25 25 SC: Clayey SAND with gravel, orangish brown, 50-60% fine to coarse sand, 25-35% fines, 15-25% gravels up to 1.5 inches in diameter, dry. 67% 18,2 30 30 83% (same as above, dry) 46.5 35 35 Bottom of boring = 35 feet bgs. Note: Sampled to 35 feet bgs. 40 40 Page 1 of 1

BORING LOG Client Shell Oil Products US **Boring No.** DELTA Project Number SJ4226F1X **B-4** Xinogen Address: Drilling Date(s): 3/27-28/07 Boring diameter (in.): 6 Casing Material: NA Sampling Method: Hand Auger/Split Spoon 4226 1st Street Drilling Company: Gregg Screen Interval: NA Pleasanton, California Well Depth (ft.): NA Drilling Method: HSA Screen slot size: NA Logged By: Andy Persio Boring Depth (ft): 35 Casing Diameter (in.): NA Sand Pack: NA Sampled Interval Blow Counts (blows/ft) PID Reading (ppm) Depth (ft.) Boring Completion Soil/Rock Graphic Depth (ft.) Soil/Rock Visual Description ASPHALT: 6 inches concrete, 2 inches base rock. SC: Clayey SAND with gravel, dark brown, 50-60% fine to medium sand, 20-30% fines, 10-20% gravels up to 1 inch in diameter, dry. 100% 56.3 67% (same as above, dry) 13.0 10 10 SC: Clayey SAND, orangish brown, 50-60% fine to medium sand, 40-50% fines, trace gravels, dry. 5.8 67% 15 15 1.2 80% (as above, 60-70% fine to coarse sand, 30-40% fines, trace gravels, dry) 20 20 (as above, 55-65% fine to coarse sand, 30-40% fines, 5-15% gravels up 12.3 100% to 1 inch in diameter, dry) 25 25 SC: Clayey SAND with gravel, orangish brown, 50-60% fine to coarse sand, 25-35% fines, 15-25% gravels up to 1.5 inches in diameter, dry. 18.2 67% 30 30 46.5 83% (same as above, dry) 35 35 Bottom of boring = 35 feet bgs. Note: Sampled to 35 feet bgs. 40 Page 1 of 1



Attachment C

HISTORIC SOIL ANALYTICAL DATA

Table : **Summary of Soil Analytical Data**

Shell Service Station 4226 First Street, Pleasanton, CA

Sample Designation	Date Sampled	Depth (feet)		TPH-G (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Xylene and Ethyl-benzene (mg/kg)
						11	
S-B	9/27/1985	3.5 to 5	*	2	<0.1	<0.1	<0.4
S-B	9/27/1985	7 to 8.5	*	460	<2.0	2	32
S-B	9/27/1985	10.5 to 12		610	<2.0	3.5	63
S-B	9/27/1985	14 to 15.5		1,300	<2.5	9.6	260
S-B	9/27/1985	19 to 20.5		<2	<0.1	<0.1	<0.4
S-C	9/27/1985	10.5 to 12		<2	<0.1	<0.1	<0.4
S-D	9/27/1985	10.5 to 12		<2	<0.1	<0.1	<0.4

Notes:

mg/kg = milligrams per kilogram TPH-G = Total petroleum hydrocarbons as gasoline * Sample of gravel from UST pit

TABLE

ANALYTICAL RESULTS OF SOIL SAMPLES

Concentrations in mg/kg (parts per million)

SHELL OIL COMPANY 4226 FIRST STREET PLEASANTON, CALIFORNIA

Boring	TPH	Benzene	Toluene	Ethylbenzene	Xylenes
SB4-15	N.D.	N.D.	N.D.	N.D.	N.D.
SB4-35	N.D.	0.023	0.0071	N.D.	0.0055
SB4-50	N.D.	0.030	0.0059	N.D.	N.D.
SB5-35	820	65	3.7	6.5	65
SB5-40	N.D.	N.D.	N.D.	N.D.	N.D.
SB5-50	N.D.	N.D.	N.D.	N.D.	N.D.
DETECTION LIMITS:	1.0	0.0050	0.0050	0.0050	0.0050

NOTES:

TPH - Total Petroleum Hydrocarbons (Gasoline Range) analyzed by EPA Methods 5030/8015.
 Benzene, Toluene, Ethylbenzene and Xylene analyzed by EPA Method 8020.

³⁾ ND - Not detected.

CAMBRIA

Table : Soil Analytical Results - Shell-branded Service Station Incident# 98995840 4226 First Street, Pleasanton, California

Sample	TPHg	Benzene	Toluene	Ethylbenzene	Xylene	MTBE
	4		· (concentrations	reported in ppm)		
MW-2-6.3'	<1.0	<0.005	<0.005	< 0.005	<0.010	<0.05
MW-2-16.5'	<1.0	< 0.005	< 0.005	< 0.005	< 0.010	< 0.05
MW-2-21.5'	<1.0	< 0.005	< 0.005	< 0.005	< 0.010	< 0.05
MW-2-26.0'	<1.0	<0.005	< 0.005	<0.005	< 0.010	< 0.05
MW-2-30.5'	<1.0	< 0.005	< 0.005	< 0.005	<0.010	< 0.05
MW-2-35.0'	<1.0	< 0.005	<0.005	<0.005	<0.010	<0.05
MW-3-5.0	<1.0	<0.005	<0.005	<0.005	<0.010	<0.05
MW-3-10.5'	<1.0	< 0.005	< 0.005	< 0.005	< 0.010	< 0.05
MW-3-15.5'	<1.0	< 0.005	< 0.005	< 0.005	< 0.010	< 0.05
MW-3-20.5'	<1.0	< 0.005	< 0.005	< 0.005	<0.010	< 0.05
MW-3-25.5'	<1.0	<0.005	<0.005	<0.005	<0.010	<0.05

Abbreviations and Notes:

TPHg = Total petroleum hydrocarbons as gasoline

MTBE = Methyl tert-Butyl Ether by EPA 8020.

ppm = parts per million

Samples collected January 18 and 19, 2000

CAMBRIA

Table Soil Analytical Results - Shell-branded Service Station Incident# 98995840 4226 First Street, Pleasanton, California

Sample	TPHg	Benzene	Toluene	Ethyl Benzene	Xylene	MTBE
			(ppm) ————		
SB-6-15.5'	<1.0	< 0.0050	<0.0050	< 0.0050	<0.0050	< 0.025
SB-6-19.5 ¹	<1.0	< 0.0050	<0.0050	< 0.0050	<0.0050	< 0.025
SB-6-25.0'	<1.0	< 0.0050	<0.0050	< 0.0050	<0.0050	<0.025
SB-6-30.0'	<1.0	< 0.0050	<0.0050	< 0.0050	<0.0050	<0.025
SB-6-35.0'	<1.0	0.0069	<0.0050	< 0.0050	< 0.0050	<0.025
SB-6-40.0'	<1.0	< 0.0050	0.28	< 0.0050	< 0.0050	< 0.025
SB-6-45.0'	<1.0	0.1	< 0.0050	<0.0050	< 0.0050	< 0.025
SB-7-15.0'	<1.0	<0.0050	<0.0050	<0.0050	< 0.0050	< 0.025
SB-7-19.5'	<1.0	< 0.0050	<0.0050	< 0.0050	<0.0050	<0.025
SB-7-24.5'	<1.0	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.025
SB-7-29.3'	<1.0	< 0.0050	< 0.0050	<0.0050	<0.0050	< 0.025
SB-7-34.3'	<1.0	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.025
SB-7-40.0'	83	<0.0050	0.37	0.26	0.26	< 0.025
SB-7-44.5'	<1.0	<0.0050	< 0.0050	<0.0050	<0.0050	< 0.025
SB-7-59.5 ¹	<1.0	<0.0050	<0.0050	. <0.0050	< 0.0050	<0.050
SB-7-64.5'	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050

Abbreviations and Notes:

TPHg = Total petroleum hydrocarbons as gasoline

MTBE = Methyl tert-Butyl Ether

ppm = parts per million

Samples collected April 7 through 9, 1999

Table 3 Summary of Soil Analytical Data Shell Service Station

4226 First Street, Pleasanton, CA

Sample Designation	Date Sampled	Depth (feet)	TPH-G (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylene (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)
MIM ADOCE	0/00/0000			0.00=					
MW-1B@65'	8/23/2006	65	<2.5	<0.025	<0.025	<0.025	<0.050	<0.025	<0.250
MW-1B@69.5'	8/23/2006	69.5	<2.5	<0.025	<0.025	<0.025	< 0.050	<0.025	< 0.250
MW-1B@95'	8/23/2006	95	<2.5	<0.025	<0.025	<0.025	<0.050	<0.025	<0.250
MW-4@35'	8/24/2006	35	51	<0.025	<0.025	<0.025	<0.050	0.17	<0.250
MW-4@36.5'	8/24/2006	36.5	380	<0.025	<0.025	1.2	1.6	0.092	<0.250
MW-4@39.5'	8/24/2006	39.5	6.7	<0.025	<0.025	0.05	0.064	0.038	<0.250
MW-4@44.5'	8/24/2006	44.5	<2.5	<0.025	<0.025	<0.025	<0.050	0.59	<0.250
M W-4@50'	8/24/2006	50	<2.5	<0.025	<0.025	<0.025	<0.050	0.56	<0.250

Notes:

mg/kg = milligrams per kilogram TPH-G = Total petroleum hydrocarbons as gasoline

MTBE = Methyl tert-butyl ether

Attachment D

BORING PERMITS



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

100 NORTH CANYONS PARKWAY, LIVERMORE, CA 94551-9486

PHONE (925) 454-5000

March 21, 2007

Mr. Andy Persio Delta Consultants, Inc. 175 Bernal Road, Suite 200 San Jose, CA 95119

Dear Mr. Persio:

Enclosed is drilling permit 27052 for a contamination investigation at 4226 First Street in Pleasanton for Shell Oil Products. Also enclosed is a current drilling permit application for your files. Drilling permit applications for future projects can also be downloaded from our web site at www.zone7water.com.

Please note that permit conditions A-2 and G requires that a report be submitted after completion of the work. The report should include drilling and completion logs, location sketch, permit number and any analysis of the soil and water samples. Please submit the original of your completion report. We will forward your submittal to the California Department of Water Resources.

If you have any questions, please contact me at extension 5056 or Matt Katen at extension 5071.

Sincerely,

Wyman Hong

-Myman Hora

Water Resources Specialist

Enc.

ZONE 7 WATER AGENCY

100 NORTH CANYONS PARKWAY, LIVERMORE, CALIFORNIA 94551 VOICE (925) 454-5000 FAX (925) 454-5728

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE	FOR OFFICE USE
LOCATION OF PROJECT 422 6 First St.	PERMIT NUMBER 27052 WELL NUMBER 094-0095-024-00
California Coordinates Source ft. Accuracy• ft. CCN ft. APN 94 - 95 - 24	PERMIT CONDITIONS (Circled Permit Requirements Apply)
CLIENT Shall O: Products U.S. Address 20445 S. Wilmington ArePhone (707) 865-0251 City Carson , Ca Zip 90310 APPLICANT Name De Hu (025) Hants , I 2c. Fax (408) 225-85010 Address 175 Bernel Rd., Suite Loc Phone (408) 326-1864 City San Jose Zip 95119	A. GENERAL 1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date. 2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects or drilling logs and location sketch for geotechnical projects. 3. Permit is void if project not begun within 90 days of approval date.
TYPE OF PROJECT Well Construction Cathodic Protection Water Supply Monitoring PROPOSED WELL USE Geotechnical Investigation General Contamination Well Destruction	 B. WATER SUPPLY WELLS 1. Minimum surface seal thickness is two inches of cement grout placed by tremie. 2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved. 3. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
New Domestic Municipal Industrial New Edition Industrial New Edition Industrial New Edition Other Other Hollow Stem Auge Other Hollow Stem Auge Other Other Other Other Other Other Other Other	A sample port is required on the discharge pipe near the wellhead. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS Minimum surface seal thickness is two inches of cement grout placed by tremie.
Mud Rotary Air Rotary Hollow Stem Auger Other Other Testing DRILLING COMPANY DRILLER'S LICENSE NO. C 3 4 785/65 WELL PROJECTS Drill Hole Diameter in. Maximum Casing Diameter in. Depth ft.	Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet. GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings. CATHODIC. Fill hole above anode zone with concrete placed by tremie.
Surface Seal Depthft. Number SOIL BORINGS Number of Borings 5	WELL DESTRUCTION. See attached. SPECIAL CONDITIONS. Submit to Zone 7 within 60 days after the completion of permitted work the well installation report including all soil and water laboratory analysis results.
ESTIMATED STARTING DATE 3 2 7 200 7 ESTIMATED COMPLETION DATE 3 2 9 2 200 7 I hereby agree to comply with all requirements of this permit and Alameda	Approved Wyman Hong Date 3/21/07 Wyman Hong
County Ordinance No. 73-68. APPLICANT'S SIGNATURE Andy Parcia	()

Attachment E

CERTIFIED ANALYTICAL REPORT AND CHAIN OF CUSTODY DOCUMENTATION SOIL

18 April, 2007

Lee Dooley Delta Environmental Consultants [Shell] 175 Bernal Rd. Suite 200 San Jose, CA 95119

RE: 4226 1st Street, Pleasanton Work Order: MQD0016

Enclosed are the results of analyses for samples received by the laboratory on 03/30/07 18:05. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa Allen For Leticia Reyes

Grevera aller

Project Manager

CA ELAP Certificate # 1210

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

The report shall not be reproduced except in full, without the written approval of the laboratory. The client also agrees not to alter any reports whether in the hard copy or electronic format and to use reasonable efforts to preserve the reports in the form and substance originally provided by TestAmerica.

The reported results were obtained in compliance with the 2003 NELAC standards unless otherwise noted.



885 Jarvis Drive Morgan Hill, CA 95037 (408) 776-9600 FAX (408) 782-6308 www.testamericaine.com

Delta Environmental Consultants [Shell]

Project: 4226 1st Street, Pleasanton

MQD0016

175 Bernal Rd, Suite 200

Project Number: SJ42-26F-X

Reported:

San Jose CA, 95119

Project Manager: Lee Dooley

04/18/07 21:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Comp A-D	MQD0016-01	Soil	03/29/07 10:30	03/30/07 18:05





Project: 4226 1st Street, Pleasanton

MQD0016

175 Bernal Rd. Suite 200

Project Number: SJ42-26F-X Project Manager: Lee Dooley Reported: 04/18/07 21:47

San Jose CA, 95119

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Comp A-D (MQD0016-01) Soil Sampled: 0	3/29/07 10:30 Rec	eived: 03/30/0	7 18:05						
Gasoline Range Organics (C4-C12)	ND	100	ug/kg	1	7D11009	04/11/07	04/11/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		104 %	66-12	20	н	u	"	μ	
Surrogate: 4-Bromofluorobenzene		98 %	60-12	20	u	n	u	"	
Surrogate: Dibromofluoromethane		103 %	70-12	20	n	u	"	u	
Surrogate: Toluene-d8		100 %	75-12	20	p	u	"	"	





Project: 4226 1st Street, Pleasanton

MQD0016

175 Bernal Rd. Suite 200

Project Number: SJ42-26F-X

Reported: 04/18/07 21:47

San Jose CA, 95119

Project Manager: Lee Dooley

Total Metals by EPA 6000/7000 Series Methods

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Comp A-D (MQD0016-01) Soil	Sampled: 03/29/07 10:30 I	Received: 03/30/0	7 18:05						
Lead	12	5.0	mg/kg	ı	7D10043	04/10/07	04/17/07	EPA 6010B	





175 Bernal Rd. Suite 200

San Jose CA, 95119

Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X

Project Manager: Lee Dooley

MQD0016 Reported:

04/18/07 21:47

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Comp A-D (MQD0016-01) Soil	Sampled: 03/29/07 10:30	Received: 03/30/0	7 18:05			•••			
Benzene	ND	5.0	ug/kg	1	7D11009	04/11/07	04/11/07	EPA 8260B	
Ethylbenzene	ND	5.0	ø	u	P	И	I)	11	
Toluene	ND	5.0	U	0	D	И	IP .	11	
Xylenes (total)	ND	5.0	B	ii .	н	н		11	
Surrogate: Dibromofluoromethane	?	103 %	70-	-120	u	0	н	u	
Surrogate: 1,2-Dichloroethane-d4		104 %	66-	-120	o	"	n	"	
Surrogate: Toluene-d8		100 %	75-	-120	и	"	H	и	
Surrogate: 4-Bromofluorobenzene		98 %	60-	-120	ø	u	n	Ð	





Project: 4226 1st Street, Pleasanton

Spike

Level

Source

Result

%REC

MQD0016

Notes

175 Bernal Rd. Suite 200

Project Number: SJ42-26F-X

Reported: 04/18/07 21:47

RPD

Limit

%REC

Limits

RPD

San Jose CA, 95119

Analyte

Project Manager: Lee Dooley

Reporting

Result

Limit

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control TestAmerica - Morgan Hill, CA

Units

Blank (7D11009-BLK1)				Prepared & Anal	yzed: 04/11/07	
Gasoline Range Organics (C4-C12)	ИИ	100	ug/kg			
Surrogate: 1,2-Dichloroethane-d4	5.38		п	5.00	108	66-120
Surrogate: 4-Bromofluorohenzene	5.14		μ	5.00	103	60-120
Surrogate: Dibromofluoromethane	5.18		,,	5.00	104	70-120
Surrogate: Toluene-d8	5.02		"	5.00	100	75-120
Laboratory Control Sample (7D11009-BS2)				Prepared & Anal	yzed: 04/11/07	
Gasoline Range Organics (C4-C12)	853	100	ug/kg	1000	85	45-135
Surrogate: 1,2-Dichloroethane-d4	5.56		и	5.00	111	66-120
Surrogate: 4-Bromofluorobenzene	5.10		В	5.00	102	60-120
Surrogate: Dibromofluoromethane	5.34		н	5.00	107	70-120
Surrogate: Toluene-d8	5.22		В	5.00	104	75-120

Surrogate: Dibromofluoromethane	3.34		5.00	107	70-120			
Surrogate: Toluene-d8	5.22	н	5.00	104	75-120			
Laboratory Control Sample Dup (7D11009-	BSD2)		Prepared & Ana	lyzed: 04/11/07				
Gasoline Range Organics (C4-C12)	906	100 ug/kg	1000	91	45-135	6	40	
Surrogate: 1,2-Dichloroethane-d4	5.34	μ	5,00	107	66-120			
Surrogate: 4-Bromofluorobenzene	5.32	rt .	5.00	106	60-120			
Surrogate: Dibromofluoromethane	5.26	ø	5.00	105	70-120			
Surrogate: Toluene-d8	5.18	U	5.00	104	75-120			





Project: 4226 1st Street, Pleasanton

MQD0016 Reported: 04/18/07 21:47

175 Bernal Rd. Suite 200 San Jose CA, 95119

Project Number: SJ42-26F-X Project Manager: Lee Dooley

Total Metals by EPA 6000/7000 Series Methods - Quality Control TestAmerica - Morgan Hill, CA

		Reporting		Spike	Source		%REC		RPD		
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes	

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 7D10043 - EPA 3050B / EPA 6010B										
Blank (7D10043-BLK1)				Prepared: (04/10/07 A	nalyzed: 0	4/17/07			
Lead	ИD	5.0	mg/kg							
Laboratory Control Sample (7D10043-BS1)				Prepared: (04/10/07 A	nalyzed; 04	1/17/07			
Lead	47,2	5.0	mg/kg	50.0		94	80-115			
Matrix Spike (7D10043-MS1)	Source: MQC	0958-02		Prepared: (04/10/07 A	nalyzed: 04	1/17/07			
Lead	178	25	mg/kg	50.0	240	0	80-115			M7
Matrix Spike Dup (7D10043-MSD1)	Source: MQC	0958-02		Prepared: (04/10/07 A	nalyzed: 04	1/17/07			
Lead	194	25	mg/kg	50.0	240	0	80-115	9	35	M7





175 Bernal Rd. Suite 200

San Jose CA, 95119

Project: 4226 1st Street, Pleasanton

Spike

%REC

Project Number: SJ42-26F-X

Project Manager: Lee Dooley

MQD0016
Reported:

04/18/07 21:47

RPD

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 7D11009 - EPA 5030B P/T / EPA 82	60B									
Blank (7D11009-BLK1)				Prepared &	Analyzed:	04/11/07				
Benzene	ND	5.0	ug/kg							
Ethylbenzene	ND	5.0	o							
Toluene	ND	5.0	O							
Xylenes (total)	ND	5.0	II.							
Surrogate: Dibromofluoromethane	5.18		,,	5.00		104	70-120			
Surrogate: 1,2-Dichloroethane-d4	5.38		н	5.00		108	66-120			
Surrogate: Toluene-d8	5.02		n	5.00		100	75-120	-		
Surrogate: 4-Bromofluorobenzene	5.14		"	5.00		103	60-120			
Laboratory Control Sample (7D11009-BS1)				Prepared &	: Analyzed:	04/11/07				
Benzene	22.3	5.0	ug/kg	20.0		112	70-140			
Ethylbenzene	22.7	5.0	11	20.0		114	75-140			
Toluene	22.8	5.0	11	20.0		114	75-135			
Xylenes (total)	68.4	5.0	11	60,0		114	75-145			
Surrogate: Dibromofluoromethane	5.36		н	5.00		107	70-120			
Surrogate: 1,2-Dichloroethane-d4	5.20		Đ	5.00		104	66-120			
Surrogate: Toluene-d8	5.04		н	5.00		101	75-120			
Surrogate: 4-Bromofluorobenzene	5.10		"	5,00		102	60-120			
Matrix Spike (7D11009-MS1)	Source: MQD	0015-30 .	•	Prepared &	: Analyzed:	04/11/07				
Benzene	20.4	5.0	ug/kg	20.0	ND	102	70-140			
Ethylbenzene	20.9	5.0	u	20.0	ND	104	75-140			
Toluene	20.9	5.0	e	20.0	ND	104	75-135			
Xylenes (total)	62,5	5,0	D	60,0	ND	104	75-145			
Surrogate: Dibromofluoromethane	5.36		н	5.00		107	70-120			
Surrogate: 1,2-Dichloroethane-d4	5.12		и	5.00		102	66-120			
Surrogate: Toluene-d8	5.18		n	5.00		104	75-120			
Surrogate: 4-Bromofluorobenzene	5.10		"	5.00		102	60-120			





Project: 4226 1st Street, Pleasanton

MQD0016 Reported: 04/18/07 21:47

175 Bernal Rd. Suite 200 San Jose CA, 95119

Project Number: SJ42-26F-X Project Manager: Lee Dooley

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7D11009 - EPA 5030B P/T / EPA 8260B										

Matrix Spike Dup (7D11009-MSD1)	Source: MQD	Prepared & Analyzed: 04/11/07								
Benzene	21.7	5,0	ug/kg	20.0	ND	108	70-140	6	25	
E(hylbenzene	22.4	5.0	п	20.0	ND	112	75-140	7	30	
Toluene	22.5	5,0	u u	20.0	ND	112	75-135	7	25	
Xylenes (total)	67.4	5.0	B	60.0	ND	112	75-145	8	30	
Surrogate: Dibromofluoromethane	5,26		и	5.00		105	70-120			
Surrogate: 1,2-Dichloroethane-d4	5.14		n	5.00		103	66-120			
Surrogate: Toluene-d8	5.18		p	5.00		104	75-120			
Surrogate: 4-Bromofluorobenzene	5.06		n	5.00		101	60-120			



885 Jarvis Drive Morgan Hill, CA 95037 (408) 776-9600 FAX (408) 782-6308 www.testamericainc.com

Delta Environmental Consultants [Shell]

Project: 4226 1st Street, Pleasanton

MQD0016

175 Bernal Rd. Suite 200

Project Number: SJ42-26F-X

Reported:

San Jose CA, 95119

Project Manager: Lee Dooley

04/18/07 21:47

Notes and Definitions

M7 The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LAB: Test America						SH	EL	L (Cha	ain	0	f C	us	sto	dv	R	ec	or	d							
TA - Irvine, California TA - Morgan Hill, California	NAME OF PERS	ON TO	BII I ·	Name	Denis										,5					N. ť-±	(FS	CiAB	Yn .		1	
TA - Sacramento, California	T .													NCIDENT#(ES ONLY)					19210312		:					
TA - Nashville, Tennessee						CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES 9 8							9 9 5 8 4 0					0	D/	ATE: 3/30/07						
Calscience			1_18101	CONSULTA							PO #								SA	or.	CRM	F#				1 of 1
Other	☐ COMPLANCE	333	D PMT	/CRMT																			T T		Pi	AGE: 1 of 1
Sampling Company:		LOG CODE:				SITE	ADDRE	SS: St	reet and	City				1			State			GL08	al idn	O.:	'	·		
Delta Consultants									1st									CA				01	259			
ADDRESS: 175 Bernal Road Suite 200	. San Jose, CA					EDP DE	LIVERA	SLE 70	(Neme, C	company	y, Office	Location):		PHONE	NO:				E-MAR						CONSULTANT PROJECT NO.:
PROJECT CONTACT (Hardcopy or PDF R	·			·		Jon	Suing	3							626-2	256-6	662			Jsuir	ng@d	eltae	nv.co	m		SJ42-26F-X
Lee Dooley						SA	MPL	ER I	VAME	E(S) ((Prin	t):												1		ONE TO THE
ТЕLЕРНОМЕ: 408-826-1880	FAX: 408-225-8506	EMAIL: Idoclev@	deitaem	v.com		Αn	dy P	ersio															(Ĺ	Q	D001b)
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☐ LA - RWQCB REPORT FORM	AT UST AGENCY:																									
SPECIAL INSTRUCTIONS OR NO		EDD NOT	NEEDED				(8016M)																			FIELD NOTES:
		SHELL COR			ŝ	Gas, Purgeable (8260B)	(80		ЕТВЕ)															₹		Container/Preservative
		STATE REE RECEIPT V			eren	(8	Extractable		251										_					(166		or PID Readings
	1	I RECEIPT 9	LAITCAI.	ION ALQUE	3160	apple	racts		60B)									_	1617		_	8		13e		or Laboratory Notes
	1					lrge			82 PE,	_					(8)		<u>(8</u>	(EM)	(8)		10B)	010E		O G		
Please email results apersio@	deltaenv.com and idoole	y@deltzenv	,com			S, P.	ısel,	E09	nate:	:60B	OB)	30B)	8092	60B	828	0B)	8260	(80	ir oi	=	09) 1	9) p	ļ	and		
Total lead as per Sheli's stand	dard disposal protocol				·	ទី	Dje.	(82	ygel	8,	(826	(82)	(8)	(82	Ą	(826) Jou	anol	mot	(160	ror	Lea.		ō		
Field Sample	Identification	DATE	TIME	MATRIX	NO. OF CONT.	TPH	TPH - Dlesel,	BTEX (8260B)	5 Охудепаtes (8260В) (МТВЕ, ТВА, ОРЕ, ТАМІ	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8280B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TPH-motor oil (8015M)	TDS (160.1)	Total Iron (6010B)	Total Lead (6010B)		Total Oil and Grease (1664A)		TEMPERATURE ON RECEIPT C°
CA Comp A,B,C,D		3/29/07	10:30	soil	4	х		х														х				
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TEST AMERICA SAMPLE RECEIPT LOG

3	Blann QDOOL6		DATE REC'D AT LAB: TIME REC'D AT LAB: DATE LOGGED IN:	03-30-0	7	For Regulatory Purposes? DRINKING WATER YES / NO WASTE WATER YES / NO			
CIRCLE THE APPROPRIA	TE RESPONSE	CAB SAMPLE#	CLIENT ID	CONTAINER DESCRIPTION		рΗ	SAMPLE	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Pre	esent / Absent					***************************************			
Inta	ect / Broken*			 		······	ļ	\ <u></u>	
2. Chain-of-Custody (Уге	psent / Absent*				 		ļ		
3. Traffic Reports or									
Packing List: Pre	sent / Absent								
4. Airbiil: Airt	bill / Sticker								/
Pre	sent / (Dsent		/s			· · · · · · · · · · · · · · · · · · ·			
5. Airbill #:					<u> </u>	·			
	Sent Absent							/	
7. Sample IDs: List	ed / Not Listed					***		···	
	Chain-of-Custody								
8. Sample Condition: (Inta	Broken* /				A				
;; [iking*				- 20	/			
9. Does information on chain-of-custody,					3/			~	
traffic reports and sample	~~			Bhoul S					
agree?	Yes No*			B	-				
10. Sample received within									
hold time?	Yes No*					١			
11. Adequate sample volume	CO								
received?	(Yes/ No*								
12. Proper preservatives used?									
13. Trip Blank / Temp Blank Red									.1
(circle which, if yes)	Yes/(No)								
14. Read Temp:	36								
Corrected Temp:	3.6		/	·					
Ts corrected temp 4 +/-2"C?			~~~~						
(Acceptance range for samples requiring t		/_							ì
**Exception (if any); METALS / or Problem COC	DEFONICE	_/					[
COC Problem COC									

SRL Revision 0 Replaces Rev 7 (07/19/05) ~stive 09/13/06 *IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

Lade 01

Table X Soil Analytical Data Shell Service Station 4226 1st Street, Pleasanton, California

Sample Location	Sample Name	Sample Depth (feet)	Sample Date	TPH-g mg/kg EPA 8015 Mod.	Benzene mg/kg EPA 8260B	Ethyl- benzene mg/kg EPA 8260B	Toluene mg/kg EPA 8260B	Total Xylenes mg/kg EPA 8260B	MTBE mg/kg EPA 8260B	TBA mg/kg EPA 8260B
B-1	B-1 d 5	5 1	03/27/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
B-1	B-1 d 9.5	9.5	03/29/07	5.4	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
B-1	B-1 d 14.5	14.5	03/29/07	0.13 QP	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.046	0.068
B-1	B-1 d 19.5	19.5	03/29/07	0.57 QP	ND< 0.01	ND< 0.01	ND< 0.01	ND< 0.01	0.6	0.8
B-1	B-1 d 24.5	24.5	03/29/07	0.92 OP	ND< 0.05	ND< 0.05	ND< 0.05	ND< 0.05	0.78	0.2
3-1	B-1 d 29.5	29,5	03/29/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.059	ND< 0.02
3-1	B-1 d 34.5	34.5	03/29/07	ND< 0,1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.12	0.033
3-2	B-2 d 5	5	03/27/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
3-2	B-2 d 9.5	9.5	03/29/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
3-2	B-2 d 14.5	14.5	03/29/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
3-2	B-2 d 19.5	19.5	03/29/07	ND< 0,1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.082
3-2	B-2 d 24.5	24.5	03/29/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.11	0.03
3-2	B-2 d 29	29	03/29/07	0.25	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.22	0.14
3-2	B-2 d 34.5	34,5	03/29/07	0.32 QP	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0,45	0.75
3-3	B-3 d 5	5	03/27/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
3-3	B-3 d 9,5	9.5	03/28/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
3-3	B-3 d 14.5	14.5	03/28/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.08	ND< 0.02
3-3	B-3 d 19.5	19.5	03/28/07	0.11 QP	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.14	0.021
3-3	B-3 d 24.5	24.5	03/28/07	0.45	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.083	ND< 0.02
3-3	B-3 d 29	29	03/28/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.016	0.073
3-3	B-3 d 34.5	34.5	03/28/07	710	0.096	2.3	ND< 0.05	16	ND< 0.025	ND< 5
B-4	B-4 d 5	5	03/27/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
3-4	B-4 d 9.5	9.5	03/28/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
3-4	B-4 d 14.5	14.5	03/28/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
3-4	B-4 d 20	20	03/28/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.04	ND< 0.02
3-4	B-4 d 24.5	24.5	03/28/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.026	ND< 0.02
3-4	B-4 d 29.5	29.5	03/28/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.0063	0.071
3-4	B-4 d 35	35	03/28/07	0.54 QP	ND< 0.025	ND< 0.025	ND< 0.025	ND< 0.025	0.8	0.63
3-5	B-5 d 5	5	03/27/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
3-5	B-5 d 10.5	10.5	03/28/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
3-5	B-5 d 15,5	15.5	03/28/07	ND< 0.1	ND< 0.005	ND< 0,005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
3-5	B-5 d 20.5	20.5	03/28/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.0054	ND< 0.02
3-5	B-5 d 25.5	25.5	03/28/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.02
B-5	B-5 d 30	30	03/28/07	ND< 0.1	ND< 0.005	ND< 0.005	ND< 0.005	ND< 0.005	0.065	0.1
B-5	B-5 d 35	35	03/28/07	ND< 0.5	ND< 0.025	ND< 0.025	ND< 0.025	ND< 0.025	0.3	0.46

Notes:

mg/kg - milligrams per kilogram

ND - Not detected above laboratory detection limits

NA - Not analyzed

TPH-g - Total Petroleum Hydrocarbons as gasoline TPH-d - Total Petroleum Hydrocarbons as diesel

MTBE - Methyl tert-butyl ether

TBA - Tert-butyl alcohol

Data Qualifiers and Definitions:

QP - Hydrocarbon result partly due to individual peak(s) in quantitation range.

DIPE - Di-isopropyl ether ETBE - Ethyl tert-butyl ether

TAME - Tert-amyl methyl ether

TRPH - Total Recoverable Petroleum Hydrocarbons





17 April, 2007

Lee Dooley
Delta Environmental Consultants [Shell]
175 Bernal Rd. Suite 200
San Jose, CA 95119

RE: 4226 1st Street, Pleasanton

Work Order: MQD0015

Enclosed are the results of analyses for samples received by the laboratory on 03/30/07 18:05. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa Allen For Leticia Reyes

Grever aller

Project Manager

CA ELAP Certificate # 1210

The Chain(s) of Custody, 5 pages, are included and are an integral part of this report.

The report shall not be reproduced except in full, without the written approval of the laboratory. The client also agrees not to alter any reports whether in the hard copy or electronic format and to use reasonable efforts to preserve the reports in the form and substance originally provided by TestAmerica.

The reported results were obtained in compliance with the 2003 NELAC standards unless otherwise noted.





175 Bernal Rd. Suite 200 San Jose CA, 95119 Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X
Project Manager: Lee Dooley

MQD0015 Reported: 04/17/07 21:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-1 d 5	MQD0015-01	Soil	03/27/07 10:00	03/30/07 18:05
B-1 d 9.5	MQD0015-02	Soil	03/29/07 11:10	03/30/07 18:05
B-1 d 14.5	MQD0015-03	Soil	03/29/07 11:15	03/30/07 18:05
B-1 d 19.5	MQD0015-04	Soit	03/29/07 11:20	03/30/07 18:05
B-1 d 24.5	MQD0015-05	Soil	03/29/07 11:23	03/30/07 18:05
B-1 d 29.5	MQD0015-06	Soil	03/29/07 11:30	03/30/07 18:05
B-1 d 34.5	MQD0015-07	Soil	03/29/07 11:35	03/30/07 18:05
B-2 d 5	MQD0015-08	Soil	03/27/07 11:35	03/30/07 18:05
B-2 d 9.5	MQD0015-09	Soil	03/29/07 09:40	03/30/07 18:05
B-2 d 14.5	MQD0015-10	Soil	03/29/07 09:45	03/30/07 18:05
B-2 d 19.5	MQD0015-11	Soil	03/29/07 09:50	03/30/07 18:05
B-2 d 24.5	MQD0015-12	Soil	03/29/07 10:00	03/30/07 18:05
B-2 d 29	MQD0015-13	Soil	03/29/07 10:05	03/30/07 18:05
B-2 d 34.5	MQD0015-14	Soil	03/29/07 10:10	03/30/07 18:05
B-3 d 5	MQD0015-15	Soil	03/27/07 13:25	03/30/07 18:05
B-3 d 9.5	MQD0015-16	Soil	03/28/07 13:50	03/30/07 18:05
B-3 d 14.5	MQD0015-17	Soil	03/28/07 14:00	03/30/07 18:05
B-3 d 19.5	MQD0015-18	Soil	03/28/07 14:10	03/30/07 18:05
B-3 d 24.5	MQD0015-19	Soil	03/28/07 14:15	03/30/07 18:05
B-3 d 29	MQD0015-20	Soil	03/28/07 14:18	03/30/07 18:05
B-3 d 34.5	MQD0015-21	Soil	03/28/07 14:20	03/30/07 18:05
B-4 d 5	MQD0015-22	Soil	03/27/07 14:45	03/30/07 18:05
B-4 d 9.5	MQD0015-23	Soil	03/28/07 11:05	03/30/07 18:05
B-4 d 14.5	MQD0015-24	Soil	03/28/07 11:12	03/30/07 18:05
B-4 d 20	MQD0015-25	Soil	03/28/07 11:15	03/30/07 18:05
B-4 d 24.5	MQD0015-26	Soil	03/28/07 11:20	03/30/07 18:05
B-4 d 29.5	MQD0015-27	Soil	03/28/07 11:25	03/30/07 18:05
B-4 d 35	MQD0015-28	Soil	03/28/07 11:35	03/30/07 18:05
B-5 d 5	MQD0015-29	Soil	03/27/07 15:40	03/30/07 18:05





175 Bernal Rd. Suite 200 San Jose CA, 95119 Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X Project Manager: Lee Dooley MQD0015 Reported; 04/17/07 21:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-5 d 10.5	MQD0015-30	Soil	03/28/07 10:00	03/30/07 18:05
B-5 d 15.5	MQD0015-31	Soil	03/28/07 10:10	03/30/07 18:05
B-5 d 20.5	MQD0015-32	Soil	03/28/07 10:15	03/30/07 18:05
B-5 d 25.5	MQD0015-33	Soil	03/28/07 10:20	03/30/07 18:05
B-5 d 30	MQD0015-34	Soil	03/28/07 10:25	03/30/07 18:05
B-5 d 35	MQD0015-35	Soîl	03/28/07 10:30	03/30/07 18:05





175 Bernal Rd. Suite 200 San Jose CA, 95119 Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X
Project Manager: Lee Dooley

MQD0015 Reported: 04/17/07 21:11

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

Analyle	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
B-1 d 5 (MQD0015-01) Soil Sampled: 03/2	7/07 10:00 Receive	ed: 03/30/07 1	8:05						
Gasoline Range Organics (C4-C12)	ND	100	ug/kg	1	7D06014	04/06/07	04/06/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		102 %	66-120		. "	н	n	u	
Surrogate: 4-Bromofluorobenzene		101 %	60-120		"	н	n	rr .	
Surrogate: Dibromofluoromethane		106 %	70-120		н	н	n	n	
Surrogate: Toluene-d8		107 %	75-120		"	n	H	o	
B-1 d 9.5 (MQD0015-02) Soil Sampled: 03	/29/07 11:10 Recei	ived: 03/30/07	18:05						
Gasoline Range Organics (C4-C12)	5400	100	ug/kg	1	7D06014	04/06/07	04/06/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		94 %	66-120		u	u	"	u	
Surrogate: 4-Bromofluorobenzene		100 %	60-120		"	,,	"	"	
Surrogate: Dibromofluoromethane		102 %	70-120		0	"	"	и	
Surrogate: Toluene-d8		105 %	75-120		u	n	н	н	
B-1 d 14.5 (MQD0015-03) Soil Sampled: 0	3/29/07 11:15 Rec	eived: 03/30/0	7 18:05						
Gasoline Range Organics (C4-C12)	130	100	ng/kg	ı	7D06014	04/06/07	04/06/07	LUFT GCMS	QI
Surrogate: 1,2-Dichloroethane-d4		100 %	66-120		н	н	n	u	
Surrogate: 4-Bromofluorobenzene		108 %	60-120		н	n	a	o o	
Surrogate: Dibromofluoromethane		113 %	70-120		n	n	u	Ω	
Surrogate: Toluene-d8		112 %	75-120		и	n	n	"	
B-1 d 19.5 (MQD0015-04) Soil Sampled: 0	3/29/07 11:20 Reco	eived: 03/30/0	7 18:05						
Gasoline Range Organics (C4-C12)	570	200	ug/kg	2	7D06014	04/06/07	04/06/07	LUFT GCMS	QI
Surrogate: 1,2-Dichloroethane-d4		98 %	66-120		p	,,	"	H .	•
Surrogate: 4-Bromofluorobenzene		101 %	60-120		ø	n	n	H	
Surrogate: Dibromofluoromethane		107 %	70-120		a	v	и	. #	
Surrogate: Toluene-d8		106 %	75-120		n	,,	"	"	





Hoject, 42

Project: 4226 1st Street, Pleasanton

MQD0015 Reported:

175 Bernal Rd. Suite 200 San Jose CA, 95119 Project Number: SJ42-26F-X Project Manager: Lee Dooley

Reported: 04/17/07 21:11

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B-1 d 24.5 (MQD0015-05) Soil Sampled: 03	1/20/07 11:23	Dagaiyadı 03/30/0	7 18:05			-	-		
Gasoline Range Organics (C4-C12)	920	200	ug/kg	2	7D06014	04/06/07	04/06/07	LUFT GCMS	QI
Surrogate: 1,2-Dichloroethane-d4		101 %	66-120	1	"	n	#	и	
Surrogate: 4-Bromofluorobenzene		108 %	60-120		н	u	H	Ħ	
Surrogate: Dibromofluoromethane		108 %	70-120	1	н	"	н	u	
Surrogate: Toluene-d8	-	107 %	75-120	1	"	"	n	u	
B-1 d 29.5 (MQD0015-06) Soil Sampled: 03	3/29/07 11:30 I	Received: 03/30/0	7 18:05						
Gasoline Range Organics (C4-C12)	מא	100	ug/kg	l	7D06014	04/06/07	04/06/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		99 %	66-120	!	и	u	a	u	
Surrogate: 4-Bromofluorobenzene		98 %	60-120	,	"	#	. "	u u	
Surrogate: Dibromofluoromethane		108 %	70-120)	u	н	"	n	
Surrogate: Toluene-d8		109 %	75-120	•	u	H	"	и	
B-1 d 34.5 (MQD0015-07) Soil Sampled: 03	3/29/07 11:35 I	Received: 03/30/0	7 18:05						
Gasoline Range Organics (C4-C12)	ND	100	ug/kg	1	7D09015	04/09/07	04/10/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		86 %	66-120	ı	D	n	n	"	
Surrogate: 4-Bromofluorobenzene		90 %	60-120	ı	ø	n	n	ø	
Surrogate: Dibromofluoromethane		92 %	70-120	ı	ø	"	n	v	
Surrogate: Toluene-d8		92 %	75-120	ı	ø	n	n	"	
B-2 d 5 (MQD0015-08) Soil Sampled: 03/27	7/07 11:35 Rec	eived: 03/30/07 1	8:05						
Gasoline Range Organics (C4-C12)	ND	100	ug/kg	1	7D07005	04/07/07	04/07/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		85 %	66-120		. "	"	"	н	
Surrogate: 4-Bromofluorobenzene		94 %	60-120		17	н	u	н	
Surrogate: Dibromofluoromethane		101 %	70-120		. "	н	u	н	
Surrogate: Toluene-d8		106 %	75-120		"		μ	H	





Project: 4226 1st Street, Pleasanton

175 Bernal Rd. Suite 200

Project Number: SJ42-26F-X
Project Manager: Lee Dooley

MQD0015 Reported: 04/17/07 21:11

San Jose CA, 95119

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B-2 d 9.5 (MQD0015-09) Soil Sampled: 03	3/29/07 09:40 Receiv	/ed: 03/30/07	18:05					a. a	
Gasoline Range Organics (C4-C12)	ND	100	ug/kg	1	7D09015	04/09/07	04/10/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		87 %	66-120)	U	n	n n	n	
Surrogate: 4-Bromofluorobenzene		91 %	60-120)	н	"	n	н	
Surrogate: Dibromofluoromethane		92 %	70-126)	n	"	и	n	
Surrogate: Toluene-d8		89 %	75-120)	u	n	,,	н	
B-2 d 14.5 (MQD0015-10) Soil Sampled: 0	3/29/07 09:45 Rece	ived: 03/30/0	7 18:05						
Gasoline Range Organics (C4-C12)	ND	100	ug/kg	ı	7D09015	04/09/07	04/10/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		90 %	66-120)	и	n	u	n	
Surrogate: 4-Bromofluorobenzene		96 %	60-120)	н	,,	'n	u	
Surrogate: Dibromofluoromethane		94 %	70-120)	н	n	и	u	
Surrogate: Toluene-d8		90 %	75-120)	"	,,	"	u,	
B-2 d 19.5 (MQD0015-11) Soil Sampled: 0	3/29/07 09:50 Rece	ived: 03/30/0	7 18:05						
Gasoline Range Organics (C4-C12)	ND	100	ug/kg	1	7D09015	04/09/07	04/10/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		88 %	66-126)	u	В	11	ıı	
Surrogate: 4-Bromofluorobenzene		94 %	60-120)	"	"	"	n	
Surrogate: Dibromofluoromethane		92 %	70-120)	"	"	u	n	
Surrogate: Toluene-d8		90 %	75-120)	0	н	n	o	
B-2 d 24.5 (MQD0015-12) Soil Sampled: 0	3/29/07 10:00 Rece	ived: 03/30/0	7 18:05						
Gasoline Range Organics (C4-C12)	ND	100	ug/kg	1	7D09015	04/09/07	04/10/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		92 %	66-120)	н	ø	n	"	
Surrogate: 4-Bromofluorobenzene		89 %	60-120)	н	u	"	н	
Surrogate: Dibromofluoromethane		94 %	70-120)	H	v	n	"	
Surrogate: Toluene-d8		90 %	75-120)	n	'n	н	H	





175 Bernal Rd. Suite 200

Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X

MQD0015 Reported: 04/17/07 21:11

San Jose CA, 95119

Project Manager: Lee Dooley

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B-2 d 29 (MQD0015-13) Soil Sampled: 03/29/6	07 10:05 Recei	ved: 03/30/07	18:05	,					
Gasoline Range Organics (C4-C12)	250	100	ug/kg	1	7D05015	04/05/07	04/06/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		107 %	66-120)	n	ρ	tı	н	
Surrogate: 4-Bromofluorobenzene		95 %	60-120)	"	n	u	В	
Surrogate: Dibromofluoromethane		102 %	70-120)	"	"	"	"	
Surrogate: Toluene-d8		102 %	75-120)	н	н	н	tt	
B-2 d 34.5 (MQD0015-14) Soil Sampled: 03/29	9/07 10:10 Rec	eived: 03/30/0	7 18:05						
Gasoline Range Organics (C4-C12)	320	100	ug/kg	l	7D09015	04/09/07	04/10/07	LUFT GCMS	QP
Surrogate: 1,2-Dichloroethane-d4		90 %	66-120)	n	n	н	,,	
Surrogate: 4-Bromofluorobenzene		88 %	60-120).	В	o ·	<i>H</i> .	н	
Surrogate: Dibromofluoromethane		94 %	70-120)	ø	n	n	и	
Surrogate: Toluene-d8		90 %	75-120)	"	"	u	u	
B-3 d 5 (MQD0015-15) Soil Sampled: 03/27/0	7 13:25 Receiv	eđ: 03/30/07 1	8:05						
Gasoline Range Organics (C4-C12)	ND	100	ug/kg	1	7D07005	04/07/07	04/07/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		77 %	66-120	1	H	ıı	H	ø	
Surrogate: 4-Bromofluorobenzene		90 %	60-120	1	"	"	n	v	
Surrogate: Dibromofluoromethane		101 %	70-120	1	н	n	n	o	
Surrogate: Toluene-d8		104 %	75-120	,	n	n	u	"	
B-3 d 9.5 (MQD0015-16) Soil Sampled: 03/28/	07 13:50 Recei	ived: 03/30/07	18:05						4
Gasoline Range Organics (C4-C12)	ND	100	ug/kg	1	7D09015	04/09/07	04/10/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		78 %	66-120		μ	n	"	В	
Surrogate: 4-Bromofluorobenzene		82 %	60-120	•	n	u	"	и	
Surrogate: Dibromofluoromethane		94 %	70-120	•	n	"	"	"	
Surrogate: Toluene-d8		92 %	75-120	•	"	Đ	n	н	





Project: 4226 1st Street, Pleasanton

175 Bernal Rd, Suite 200

Project Number: SJ42-26F-X

MQD0015 Reported;

San Jose CA, 95119

Project Manager: Lee Dooley

04/17/07 21:11

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B-3 d 14.5 (MQD0015-17) Soil Sampled: 0	3/28/07 14:00 Rece	ived: 03/30/0	7 18:05		:				
Gasoline Range Organics (C4-C12)	ND	100	ug/kg	1	7D09015	04/09/07	04/10/07	LUFT GCM\$	
Surrogate: 1,2-Dichloroethane-d4		89 %	66-120)	n		н	u	
Surrogate: 4-Bromofluorobenzene		88 %	60-120)	н	n	u	u	
Surrogate: Dibromofluoromethane		96 %	70-120)	'n	11	"	u	
Surrogate: Toluene-d8		92 %	75-120)	n	<i>a</i> .	n	<i>u</i> ·	
B-3 d 19.5 (MQD0015-18) Soil Sampled: 0	3/28/07 14:10 Rece	ived: 03/30/0	7 18:05						
Gasoline Range Organics (C4-C12)	110	100	ug/kg	1	7D09015	04/09/07	04/10/07	LUFT GCMS.	QP
Surrogate: 1,2-Dichloroethane-d4		85 %	66-120).	"	. "	, n	, ,	
Surrogate: 4-Bromofluorobenzene		86 %	60-120).	. "	n		н	•
Surrogate: Dibromofluoromethane		95 %	70-120)	n	н	μ	н	
Surrogate: Toluene-d8		90 %	75-120)	n	,,	"	<i>u</i> .	
B-3 d 24.5 (MQD0015-19) Soil Sampled: θ	3/28/07 14:15 Rece	ived: 03/30/0	7 18:05						.:
Gasoline Range Organics (C4-C12)	450	100	ug/kg	1	7D05015	04/05/07	04/06/07	LUFT GCMS	:
Surrogate: 1,2-Dichloroethane-d4	-	106 %	66-120)	n	и	п	u .	
Surrogate: 4-Bromofluorobenzene		93 %	60-120)	p	n	n	"	
Surrogate: Dibromofluoromethane		114%	70-120)	n	u	n	n	
Surrogate: Toluene-d8		96 %	75-120)	и -	<i>u</i> ·	· · · · · · · · · · · · · · · · · · ·	n	
B-3 d 29 (MQD0015-20) Soil Sampled: 03/	28/07 14:18 Receiv	ed: 03/30/07	18:05			•			•
Gasoline Range Organics (C4-C12)	ND	100	ug/kg	1	7D05015	04/05/07	04/06/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4	•	93 %	66-120)		н	"	#	
Surrogate: 4-Bromofluorobenzene		102 %	60-120):	"	н	μ	н	
Surrogate: Dibromofluoromethane		106 %	70-120)	. "	н	"	"	
Surrogate: Toluene-d8		103,%	75-120)	u	н	n	н	•
-							.*		





Project: 4226 1st Street, Pleasanton

175 Bernal Rd. Suite 200

San Jose CA, 95119

Project Number: SJ42-26F-X
Project Manager: Lee Dooley

MQD0015 Reported: 04/17/07 21:11

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

Analyte	Result	Reporting Limit	Units-	Dilution	Batch	Prepared	Analyzed	Method	Notes
B-3 d 34.5 (MQD0015-21) Soil Sampled: (03/28/07 14:20 Rec	eived: 03/30/0	7 18:05					· · · · · · · · · · · · · · · · · · ·	
Gasoline Range Organics (C4-C12)	710000	12000	ug/kg	5	7D10013	04/10/07	04/11/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		104 %	66-120)	n	п	"	μ	
Surrogate: 4-Bromofluorobenzene		130 %	60-120)	"	п	u	и	Zλ
Surrogate: Dibromofluoromethane		101 %	70-120)	"	n	"	n	
Surrogate: Toluene-d8		104 %	75-126)	"	ρ	н	n	
B-4 d 5 (MQD0015-22) Soil Sampled: 03/2	27/07 14:45 Receive	ed: 03/30/07 1	8:05						
Gasoline Range Organics (C4-C12)	ND	100	ug/kg	1	7D07005	04/07/07	04/07/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		90 %	66-120)	"	"	0	n	
Surrogate: 4-Bromofluorobenzene		91%	60-120)	н	U	ห	n	
Surrogate: Dibromofluoromethane		101 %	70-120)	н	"	u	n	
Surrogate: Toluene-d8		103 %	75-120)	н	"	"	o	
B-4 d 9.5 (MQD0015-23) Soil Sampled: 03	3/28/07 11:05 Recei	ved: 03/30/07	18:05						
Gasoline Range Organics (C4-C12)	ND	100	ug/kg	1	7D09015	04/09/07	04/10/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		97 %	66-120)	ρ	н	n	n	
Surrogate: 4-Bromofluorobenzene		90 %	60-120)	n	H	"	"	
Surrogate: Dibromofluoromethane		104 %	70-120)	п	н	n	υ	
Surrogate: Toluene-d8	•	81 %	75-120)	"	. #	"	n	
B-4 d 14.5 (MQD0015-24) Soil Sampled: 6	03/28/07 11:12 Rece	cived: 03/30/0	7 18:05						
Gasoline Range Organics (C4-C12)	ND	100	ug/kg	ı	7D09015	04/09/07	04/10/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		101 %	66-120)	μ	н	12	u	
Surrogate: 4-Bromofluorobenzene		100 %	60-120)	"	н	u	,,	
Surrogate: Dibromofluoromethane		102 %	70-120)	11	"	"	H	
Surrogate: Toluene-d8		84 %	75-120)	u	н	u	и	
-									





Project: 4226 1st Street, Pleasanton

175 Bernal Rd. Suite 200

Project Number: SJ42-26F-X

MQD0015 Reported: 04/17/07 21:11

San Jose CA, 95119

Project Manager: Lee Dooley

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B-4 d 20 (MQD0015-25) Soil Sampled: 03/2	8/07 11:15 Receiv	ed: 03/30/07	18:05						
Gasoline Range Organics (C4-C12)	ND	100	ug/kg	l	7D09015	04/09/07	04/10/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		92 %	66-120)	u	и	н	н	
Surrogate: 4-Bromofluorobenzene		89 %	60-120)	n	"	n	n	
Surrogate: Dibromofluoromethane		96 %	70-120)	u	н	n	u	
Surrogate: Toluene-d8		92 %	75-120)	"	н	u	v	
B-4 d 24.5 (MQD0015-26) Soil Sampled: 03.	28/07 11:20 Rece	ived: 03/30/0	7 18:05						
Gasoline Range Organics (C4-C12)	ND	100	ug/kg	1	7D10010	04/10/07	04/10/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		104 %	66-120)	#	"	η	,,	
Surrogate: 4-Bromofluorobenzene		90 %	60-120	•	n	H	μ	H	
Surrogate: Dibromofluoromethane		102 %	70-120	1	и	u	и	н	
Surrogate: Toluene-d8		100 %	75-120	ı	"	"	"	"	
B-4 d 29.5 (MQD0015-27) Soil Sampled: 03.	28/07 11:25 Rece	ived: 03/30/0	7 18:05						
Gasoline Range Organics (C4-C12)	ND	100	ug/kg	l	7D10010	04/10/07	04/10/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		107 %	66-120	,	p	n	u	и	
Surrogate: 4-Bromofluorobenzene		86 %	60-120	•	**	"	ď	"	
Surrogate: Dibromofluoromethane		103 %	70-120	•	н	n	u	u	
Surrogate: Toluene-d8		99 %	75-120	•	н	b	. "	н	
B-4 d 35 (MQD0015-28) Soil Sampled: 03/2	3/07 11:35 Receiv	ed: 03/30/07	18:05						
Gasoline Range Organics (C4-C12)	540	500	ug/kg	5	7D10010	04/10/07	04/10/07	LUFT GCMS	QP
Surrogate: 1,2-Dichloroethane-d4		108 %	66-120		п	n	n	н	
Surrogate: 4-Bromofluorobenzene		80 %	60-120	ı	n .	p	"	H	
Surrogate: Dibromofluoromethane		100 %	70-120	ı	"	0	"	Ħ	
Surrogate: Toluene-d8		101,%	75-120	ı	n	u	u	н	





175 Bernal Rd. Suite 200 San Jose CA, 95119 Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X Project Manager: Lee Dooley MQD0015 Reported: 04/17/07 21:11

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

Analyte	Result	Reporting Linut	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B-5 d 5 (MQD0015-29) Soil Sampled: 03/2'	7/07 15:40 Receive	d: 03/30/07 1	8:05						
Gasoline Range Organics (C4-C12)	ND	100	ug/kg	1	7D07005	04/07/07	04/07/07	LUFT GCM\$	
Surrogate: 1,2-Dichloroethane-d4		93 %	66-120		и	a	"	u	
Surrogate: 4-Bromofluorobenzene		95 %	60-120		н	и	n	a	
Surrogate: Dibromofluoromethane		102 %	70-120		"	"	n	p	
Surrogate: Toluene-d8		104 %	75-120		"	"	H	a	
B-5 d 10.5 (MQD0015-30) Soil Sampled: 03	3/28/07 10:00 Recei	ived: 03/30/0	7 18:05						
Gasoline Range Organics (C4-C12)	ND	100	ug/kg	1	7D11009	04/11/07	04/11/07	LUFT GCMS	-
Surrogate: 1,2-Dichloroethane-d4		104 %	66-120		"	"	"	,,	
Surrogate: 4-Bromofluorobenzene		101 %	60-120		n	n	ρ	u	
Surrogate: Dibromofluoromethane		102 %	70-120		a	n	u	u	
Surrogate: Toluene-d8		101 %	75-120		n	n	u	n	
B-5 d 15.5 (MQD0015-31) Soil Sampled: 03	3/28/07 10:10 Recei	ived: 03/30/0	7 18:05						
Gasoline Range Organics (C4-C12)	ND	100	ug/kg	ı	7D11009	04/11/07	04/11/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		101 %	66-120		u	n	и	H	
Surrogate: 4-Bromofluorobenzene		102 %	60-120		"	"	n	н	
Surrogate: Dibromofluoromethane		107 %	70-120		и	u	"	н	
Surrogate: Toluene-d8		100 %	75-120		H	u	n	н	
B-5 d 20.5 (MQD0015-32) Soil Sampled: 03	3/28/07 10:15 Recei	ived: 03/30/0	7 18:05						
Gasoline Range Organics (C4-C12)	ND	100	ug/kg	1	71)11009	04/11/07	04/11/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		105 %	66-120		н	b	и	u	
Surrogate: 4-Bromofluorobenzene		102 %	60-120		H	a	н	u	
Surrogate: Dibromofluoromethane		103 %	70-120		H	ρ	"	h	
Surrogate: Toluene-d8		102 %	75-120		н	ρ	n	н	





Project: 4226 1st Street, Pleasanton

MQD0015

175 Bernal Rd. Suite 200

Project Number: SJ42-26F-X

Reported:

San Jose CA, 95119

Project Manager: Lee Dooley

04/17/07 21:11

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note:
B-5 d 25.5 (MQD0015-33) Soil Sampled:	03/28/07 10:20 Reco	eived: 03/30/0	7 18:05				/		
Gasoline Range Organics (C4-C12)	ND	100	ug/kg	I	7D07005	04/07/07	04/07/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		95 %	66-120		"	"	u	н	
Surrogate: 4-Bromofluorobenzene		93 %	60-120		n	11	"	н	
Surrogate: Dibromofluoromethane		103 %	70-120		ti	"	n	В	
Surrogate: Toluene-d8		106 %	75-120		"	"	11	н	
B-5 d 30 (MQD0015-34) Soil Sampled: 0	3/28/07 10:25 Receiv	ed: 03/30/07	18:05						
Gasoline Range Organics (C4-C12)	ND .	100	ug/kg	1	7D07005	04/07/07	04/07/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		94 %	66-120		· u	и	u	n '	
Surrogate: 4-Bromofluorobenzene		93 %	60-120		o	n	ø	n	
Surrogate: Dibromofluoromethane		104 %	70-120		n	n	n	n	
Surrogate: Toluene-d8		106 %	75-120		u	n	a	a	
B-5 d 35 (MQD0015-35) Soil Sampled: 0	3/28/07 10:30 Receiv	ed: 03/30/07	18:05						
Gasoline Range Organics (C4-C12)	ND	500	ug/kg	5	7D10010	04/10/07	04/10/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		110%	66-120		и	n	н	и .	•
Surrogate: 4-Bromofluorobenzene		87 %	60-120		u	н	и	u	
Surrogate: Dibromofluoromethane		100 %	70-120		"		n.	"	
Surrogate: Toluene-d8		99 %	75-120		u	ρ	n		





175 Bernal Rd. Suite 200

San Jose CA, 95119

Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X

Project Manager: Lee Dooley

MQD0015 Reported:

04/17/07 21:11

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B-1 d 5 (MQD0015-01) Soil Sampled: 03/	27/07 10:00 Receive	ed: 03/30/07 1	8:05						
Benzene	ND	5.0	ug/kg	ı	7D06014	04/06/07	04/06/07	EPA 8260B	
Toluene	ND	5.0	n	H	U	"	It	11	
Ethylbenzene	ND	5.0	н	н	"	O	II	o	
Xylenes (total)	ND	5.0	н	н	II.	IP.	н	f)	
Methyl tert-butyl ether	ND	5.0	11	H	U	II II	н	It	
tert-Butyl alcohol	ИD	20	11	н		10	н	rl	
Surrogate: Dibromofluoromethane		106 %	70-12	20	n	"	o	11	
Surrogate: 1,2-Dichloroethane-d4		102 %	66-12	20	ti	n	n	n	
Surrogate: 4-Bromofluorobenzene		101 %	60-12	20	н		n	n	
B-1 d 9.5 (MQD0015-02) Soil Sampled: 0	3/29/07 11:10 Recei	ived: 03/30/07	18:05						
Benzene	ND	5.0	ug/kg	1	7D09015	04/09/07	04/10/07	EPA 8260B	
Toluene	ND	5.0	D		н	и	н	н	
Ethylbenzene	ND	5.0	P	u	и	И	U	н	
Xylenes (total)	ND	5.0	n	IJ	н	и	ti.	н	
Methyl tert-butyl ether	ND	5.0	P	U	и	н	11	11	
tert-Butyl alcohol	ND	20			н		11	h	
Surrogate: Dibromofluoromethane		92 %	70-12	20	u	"	H	u	
Surrogate: 1,2-Dichloroethane-d4		91 %	66-12	20	u	u	"	n	
Surrogate: 4-Bromofluorobenzene		92 %	60-12	20	"	"	n ·	. ,,	
B-1 d 14.5 (MQD0015-03) Soil Sampled:	03/29/07 11:15 Rec	eived: 03/30/0	7 18:05						
Benzene	ND	5.0	ug/kg	1	7D06014	04/06/07	04/06/07	EPA 8260B	
Toluene	ND	5.0	н	v	н	11	U	11	
Ethylbenzene	ND	5.0	n	u	II	11	O	1)	
Xylenes (total)	ND	5.0	II.	t)	н	11	U	n	
Methyl tert-butyl ether	46	5.0	н	u	п	11	U	11	
tert-Butyl alcohol	68	20	11	"	н				
Surrogate: Dibromofluoromethane		113 %	70-12	20	u	11		"	
Surrogate: 1,2-Dichloroethane-d4		100 %	66-12	20	".	u	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	60-12	20	n	n	"	п	





175 Bernal Rd. Suite 200 San Jose CA, 95119 Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X
Project Manager: Lee Dooley

MQD0015 Reported: 04/17/07 21:11

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
B-1 d 19.5 (MQD0015-04) Soil Sampled	: 03/29/07 11;20 Rec	cived: 03/30/0	7 18:05						
Benzene	ND	10	ug/kg	2	7D06014	04/06/07	04/06/07	EPA 8260B	
Toluene	ND	10	ų	H	11	н	U	II.	
Ethylbenzene	ND	10	U	и	11	11	D	н	
Xylenes (total)	ND	10	U	II.	"	11	D	н	
Methyl tert-butyl ether	600	10	D	11	II .	II	11	н	
tert-Butyl alcohol	800	40		ti .	1)	U	н	н	
Surrogate: Dibromofluoromethane		107 %	70-12	0	н	н	ρ	n,	
Surrogate: 1,2-Dichloroethane-d4		98 %	66-12	0	н	и	n	9	
Surrogate: 4-Bromofluorobenzene		101 %	60-12	0	и .	"	n	н	
B-1 d 24.5 (MQD0015-05) Soil Sampled	: 03/29/07 11:23 Rec	eived: 03/30/0	7 18:05						
Benzene	ŃD	10	ug/kg	2	7D06014	04/06/07	04/06/07	EPA 8260B	
Toluene	ND	10	u .	n	11	ĮI.	II	н	
Ethylbenzene	ND	10	U	н	Ø	u	III	н	
Xylenes (total)	ND	10	U	11	0	U	н	н	
tert-Butyl alcohol	130	40			u u		н		
Surrogate: Dibromofluoromethane		108 %	70-12	9	н	H	H	W	
Surrogate: 1,2-Dichloroethane-d4		101 %	66-12	9	n	н	n	В	
Surrogate: 4-Bromofluorobenzene		108 %	60-12	ŋ	,,	"	"	н	
B-1 d 24.5 (MQD0015-05RE1) Soil Sam	pled: 03/29/07 11:23	Received: 03/	/30/07 18:05						
Benzene	ND	50	ug/kg	10	71009015	04/09/07	04/10/07	EPA 8260B	
Toluene	ND	50	11	н	н	и	0	и	
Ethylbenzene	ND	50	41		п	н	n	н .	
Xylenes (total)	ND	50	11	и	II.	n	II.	И	
Methyl tert-butyl ether	780	50	а	н		41	11	н	
tert-Butyl alcohol	200	200	11		U			н	
Surrogate: Dibromofluoromethane		91 %	70-12	9	n	"	n	<i>u</i>	
Surrogate: 1,2-Dichloroethane-d4		84 %	66-12	9	n,	"	n	. "	
Surrogate: 4-Bromofluorobenzene		91%	60-12	9	я	u	u	н	





175 Bernal Rd. Suite 200

San Jose CA, 95119

Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X

Project Manager: Lee Dooley

MQD0015

Reported: 04/17/07 21:11

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
B-1 d 29.5 (MQD0015-06) Soil Sampled:	03/29/07 11:30 Re	ceived: 03/30/0	7 18:05			,			
Benzene	ND	5.0	ug/kg	i	7D06014	04/06/07	04/06/07	EPA 8260B	
Toluene	ND	5.0	U	н	Ħ	n	0	U	
Ethylbenzene	ND	5,0	B		и	n	O O	H	
Xylenes (total)	ND	5.0	R	H	н	11	D	н	
Methyl tert-butyl ether	59	5.0	н	н	"	11	н	п	
tert-Butyl alcohol	ND	20	н	н	"		Ħ	<u> </u>	
Surrogate: Dibromofluoromethane		108 %	70-12	9	n	н	n	o	
Surrogate: 1,2-Dichloroethane-d4		99 %	66-12	9	u	. "	a	u .	
Surrogate: 4-Bromofluorobenzene		98 %	60-12)	. "	"	n	v	
B-1 d 34.5 (MQD0015-07) Soil Sampled:	03/29/07 11:35 Re	ceived: 03/30/0	7 18:05						
Benzene	ND	5.0	ug/kg	1	7D09015	04/09/07	04/10/07	EPA 8260B	
Toluene	ND	5.0	IJ	U	0	n	a a	n,	
Ethylbenzene	ND	5.0	a	п	0	Д	u	D.	
Xylenes (total)	ND	5.0	U	н	D	н	ŋ	D	
Methyl tert-butyl ether	120	5.0	U	11	It	"	0	11	
tert-Butyl alcohol	33	20	"		л	н			
Surrogate: Dibromofluoromethane		92 %	70-120)	n	u	н	п	
Surrogate: 1,2-Dichloroethane-d4		86 %	66-120)	n	n	n	H	
Surrogate: 4-Bromofluorobenzene		90 %	60-120)	ø	12	"	ø	
B-2 d 5 (MQD0015-08) Soil Sampled: 03/	27/07 11:35 Receiv	/ed: 03/30/07 1	8:05						
Benzene	ND	5.0	ug/kg	ŀ	7D07005	04/07/07	04/07/07	EPA 8260B	
Toluene	ND	5.0	11	N	n	u	II	и	
Ethylbenzene	ND	5.0	н	н	"	U	n	н	
Xylenes (total)	ND	5.0	n	11	n	U	n	II .	
Methyl tert-butyl ether	ND	5,0	н	п	N	0	н	П	
tert-Butyl alcohol	ND	20	н	н	н)1		
Surrogate: Dibromofluoromethane		101 %	70-120)	n	"	u	11	
Surrogate: 1,2-Dichloroethane-d4		85 %	66-120)	u	"	и	"	
Surrogate: 4-Bromofluorobenzene		94 %	60-120)	lt.	п	11	н	





175 Bernal Rd. Suite 200

San Jose CA, 95119

Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X Project Manager: Lee Dooley MQD0015 Reported: 04/17/07 21:11

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
B-2 d 9.5 (MQD0015-09) Soil Sampled: 03	3/29/07 09:40 Receiv	red: 03/30/07	18:05		•••				
Benzene	ND	5.0	ug/kg	ı	7D09015	04/09/07	04/10/07	EPA 8260B	
Toluene	ND	5.0	9	н	U	O	tr	н	
Ethylbenzene	ND	5.0	ø	п	D.	U	II .	н	
Xylenes (total)	ND	5.0	0	п	II.	II.	H	н	
Methyl tert-butyl ether	ND	5.0	u	41	II.	"	н		
tert-Butyl alcohol	ND	20			u		и		
Surrogate: Dibromofluoromethane		92 %	70-12	0	n	В	и	o	
Surrogate: 1,2-Dichloroethane-d4		87 %	66-12	0	n	n	n	u	
Surrogate: 4-Bromofluorobenzene		91%	60-12	0	H	11	"	"	
B-2 d 14.5 (MQD0015-10) Soil Sampled: 0	3/29/07 09:45 Recei	ived: 03/30/0	7 18:05						
Benzene	ND	5,0	ug/kg	1	7D09015	04/09/07	04/10/07	EPA 8260B	
Toluene	ND	5.0	н	и	ū	U	U	II	
Ethylbenzene	ND	5.0	н	n	U	"	IP.	п	
Xylenes (total)	ND	5.0	11	я	u u	D	ш	н	
Methyl tert-butyl ether	ND	5.0	n	н	.,	P	н		
tert-Butyl alcohol	ND	20	п	II.	0	B	и	и	
Surrogate: Dibromofluoromethane		94 %	70-12)	n	n	o	п	
Surrogate: 1,2-Dichloroethane-d4		90 %	66-12	9	"	n	n	u	
Surrogate: 4-Bromofluorobenzene		96 %	60-12)	n	a	u	n	
B-2 d 19,5 (MQD0015-11) Soil Sampled: (03/29/07 09:50 Recei	ived: 03/30/0	7 18:05						
Benzene	ND	5.0	ug/kg	1	7D09015	04/09/07	04/10/07	EPA 8260B	
Toluene	ND	5.0	P	U	н	"	10	0	
Ethylbenzene	ND	5.0		U	н	n	0	0	
Xylenes (total)	ND	5.0	b)	"	н	μ	11	U	
Methyl tert-butyl ether	ND	5.0	II.	U	n	U	0 .	0 .	
tert-Butyl alcohol	82	20	II.		н		11	0	
Surrogate: Dibromofluoromethane		92 %	70-12)	u	"	"	n	
Surrogate: 1,2-Dichloroethane-d4		88 %	66-12)	"	n	и	n	
Surrogate: 4-Bromofluorobenzene		94%	60-120	9	u	"	H	В	





175 Bernal Rd. Suite 200

San Jose CA, 95119

Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X

Project Manager: Lee Dooley

MQD0015
Reported:

04/17/07 21:11

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
B-2 d 24.5 (MQD0015-12) Soil Sampled:	03/29/07 10:00 Rec	eived: 03/30/0	7 18:05						
Benzene	ND	5.0	ug/kg	ı	7D09015	04/09/07	04/10/07	EPA 8260B	
Toluene	ND	5.0	и	н	н	11	н	"	
Ethylbenzene	ND	5.0	11	"	н	11	II .	o o	
Xylenes (total)	ND	5.0	11	н	IJ	ĮI.	и	4	
Methyl tert-butyl ether	110	5.0	ti .	н	11	U	II	a	
tert-Butyl alcohol	30	20	11	н	4		н		
Surrogate: Dibromofluoromethane		94 %	70-12	20	"	н	u	н	
Surrogate: 1,2-Dichloroethane-d4		92 %	66-17	20	В	н	u	н	
Surrogate: 4-Bromofluorobenzene		89 %	60-12	20	n	в.	u	В	
B-2 d 29 (MQD0015-13) Soil Sampled: 0	3/29/07 10:05 Receiv	ved: 03/30/07	18:05			•			
Benzene	ND	5.0	ug/kg	1	7D05015	04/05/07	04/06/07	EPA 8260B	
Toluene	ND	5.0	n	11	н	И	n	и	
Ethylbenzene	ND	5.0	и	н	u u	И	ij	н	
Xylenes (total)	ND	5.0	н	n	н	Ħ	U	н	
Methyl tert-butyl ether	220	5.0	н	н	н	'n	II	h	
tert-Butyl alcohol	140	20	п	н		11	n	11	
Surrogate: Dibromofluoromethane		102 %	70-12	20	μ	n	ρ	v	
Surrogate: 1,2-Dichloroethane-d4		107 %	66-12	20	"	0	p	"	
Surrogate: 4-Bromofluorobenzene		95 %	60-12	20	"	"	"	н	
B-2 d 34.5 (MQD0015-14) Soil Sampled:	03/29/07 10:10 Rec	eived: 03/30/0	7 18:05						
Benzene	ND	5.0	ug/kg	1	7D09015	04/09/07	04/10/07	EPA 8260B	
Toluene	ND	5.0	11	н	**	Đ	н	II	
Ethylbenzene	ND	5.0	11	п	a	0	п	υ	
Xylenes (total)	ND	5.0	11	ĮI.	0	"	н	0	
tert-Butyl alcohol	460	20		н			н	0	
Surrogate: Dibromofluoromethane		94 %	70-12	20	н	н	u	н	
Surrogate: 1,2-Dichloroethane-d4		90 %	66-12	20	"	u	u	tr	
Surrogate: 4-Bromofluorobenzene		88 %	60-12	20	'n	и	u	H	





175 Bernal Rd. Suite 200 San Jose CA, 95119 Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X Project Manager: Lee Dooley MQD0015 Reported: 04/17/07 21:11

04/

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B-2 d 34.5 (MQD0015-14RE1) Soil Sampled	: 03/29/07 10:10	Received: 03	/30/07 18:05			-			
Methyl tert-butyl ether	450	50	ug/kg	10	7D11009	04/11/07	04/11/07	EPA 8260B	
tert-Butyl alcohol	750	200	U			n	0		
Surrogate: Dibromofluoromethane		102 %	70-120)	"	U	н	n	
Surrogate: 1,2-Dichloroethane-d4		102 %	66-120	9	"	o	н	п	
Surrogate: 4-Bromofluorobenzene		100 %	60-120	9	"	"	11	"	
B-3 d 5 (MQD0015-15) Soil Sampled: 03/27/	07 13:25 Receiv	ed: 03/30/07 1	8:05						
Benzene	ND	5.0	ug/kg	1	7D07005	04/07/07	04/07/07	EPA 8260B	
Toluene	ND	5.0	Ð .	v	ш.,	0	. 11	. 11	
Ethylbenzene	ИD	5.0	u ·	Đ.	н	ij	. н	. 11	
Xylenes (total)	ND	5.0	0	н	И	10 11	11	U	
Methyl tert-butyl ether	ND	5.0	D	И	"	11	U	"	
tert-Butyl alcohol	ND	20	0	н	11			H	***************************************
Surrogate: Dibromofluoromethane		101 %	70-120)	н	n	n	n	a garage
Surrogate: 1,2-Dichloroethane-d4		77 %	66-120	9	"	μ	H	o	
Surrogate: 4-Bromofluorobenzene		90 %	60-120)	н	n	"	u	
B-3 d 9.5 (MQD0015-16) Soil Sampled: 03/2	8/07 13:50 Rece	ived: 03/30/07	18:05						
Benzene	ND	5.0	ug/kg	1	7D09015	04/09/07	04/10/07	EPA 8260B	
Toluene	- " ND	5.0	0	н		0 .	41	0	
Ethylbenzene	ND	5.0	. 0	· • • .	, н	n	10	0	
Xylenes (total)	ND	5.0	U		H	tr.	n	"	
Methyl tert-butyl ether	ND	5.0		н	11	н	U	1)	
tert-Butyl alcohol	ND	. 20	11	, п	11	n	0	U	
Surrogate: Dibromofluoromethane		94 %	70-120)	"	n	"	n	
Surrogate: 1,2-Dichloroethane-d4		78 %	66-120)	. н	и	. "	ıı	**
Surrogate: 4-Bromofluorobenzene		82 %	60-120)	н	ø	н	p	





175 Bernal Rd. Suite 200

San Jose CA, 95119

Projec

Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X

Project Manager: Lee Dooley

MQD0015 Reported: 04/17/07 21:11

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B-3 d 14.5 (MQD0015-17) Soil Sampled:	03/28/07 14:00 Rec	eived: 03/30/0	7 18:05						
Benzene	ND	5.0	ug/kg	1	7D09015	04/09/07	04/10/07	EPA 8260B	
Toluene	ND	5.0	u	11	н	н	ti ti	u u	
Ethylbenzene	ND	5.0	u ·	а	μ	11	O.	19	
Xylenes (total)	ND	5.0	U	u	и	.0	u	U.	
Methyl tert-butyl ether	80	5.0	U	"	н	(1	Ü	. п	
tert-Butyl alcohol	ND	20	0	U	"	0		n	
Surrogate: Dibromofluoromethane		96 %	70-12	0	u	и	"	ıı	
Surrogate: 1,2-Dichloroethane-d4	•	89 %	66-12	0	o	н	н	<i>B</i> .	
Surrogate: 4-Bromofluorobenzene		88 %	60-12	0	"	#	·	ø	
B-3 d 19.5 (MQD0015-18) Soil Sampled:	03/28/07 14:10 Rec	eived: 03/30/0	7 18:05						
Benzene	ND	5.0	ug/kg	ı	7D09015	04/09/07	04/10/07	EPA 8260B	
Toluene	ND	5.0	11	n	n	и	h	11	
Ethylbenzene	ND	5.0	9	н	18	н	11	41	
Xylenes (total)	ND	5.0	ti .	0	10	н	11	σ	
Methyl tert-butyl ether	140	5.0	"	11	"	11	U	q	
tert-Butyl alcohol	21	20	P	"		"			
Surrogate: Dibromofluoromethane		95 %	70-12	0	ρ	H	н	н	
Surrogate: 1,2-Dichloroethane-d4		85 %	66-12	0	u	n	n	<i>H</i>	
Surrogate: 4-Bromofluorobenzene		86 %	60-12	0	"	,,	"	н	
B-3 d 24.5 (MQD0015-19) Soil Sampled:	03/28/07 14:15 Rec	eived: 03/30/0	7 18:05						
Benzene	ND	5.0	ug/kg	1	7D05015	04/05/07	04/06/07	EPA 8260B	
Toluene	ND	5.0	"	н	11	11	Н	н	
Ethylbenzene	ND	5.0	н	. "	u	II.	н	и	
Xylenes (total)	ND	5.0	н		0	"	н	н	
Methyl tert-butyl ether	83	5.0	n	ņ	0	н	н	ц	
tert-Butyl alcohol	ND	20	11	п		n		и	
Surrogate: Dibromofluoromethane		114 %	70-12	0	"	"	υ.	o	
Surrogate: 1,2-Dichloroethane-d4		106 %	66-12	0	н	#	a	ø	
Surrogate: 4-Bromofluorobenzene		93 %	60-12	0 .	н	n	. 0	н	





Project: 4226 1st Street, Pleasanton

175 Bernal Rd. Suite 200

Project Number: SJ42-26F-X
Project Manager: Lee Dooley

MQD0015 Reported: 04/17/07 21:11

San Jose CA, 95119

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B-3 d 29 (MQD0015-20) Soil Sampled: 03	/28/07 14:18 Recei	ved: 03/30/07	18:05						
Benzene	ND	5.0	ug/kg	1	7D05015	04/05/07	04/06/07	EPA 8260B	
Toluene	ND	5.0	o o	U	IF	и	D	н	
Ethylbenzene	ND	5.0	u	0	и	11	u		
Xylenes (total)	ND	5.0	u .	o	н	11	н	н	
Methyl tert-butyl ether	16	5.0	R	11	n	a	И	11	
tert-Butyl alcohol	73	20	h	В	11		н	11	
Surrogate: Dibromofluoromethane		106 %	70-12)	u	и	u	H	
Surrogate: 1,2-Dichloroethane-d4		93 %	66-12	9	н	н	"	н	
Surrogate: 4-Bromofluorobenzene		102 %	60-12)	н	. "	"	"	
B-3 d 34.5 (MQD0015-21) Soil Sampled: (03/28/07 14:20 Rec	eived: 03/30/0	7 18:05						
Benzene	96	50	ug/kg	1	7D10013	04/10/07	04/10/07	EPA 8260B	
Toluene	ND	50	II.	11	и	11	ц	h	
Ethylbenzene	2300	50	ıı	н	Ð	U	ĬĬ	11	
Xylenes (total)	16000	50	н	И	u	1)	И	q	
Methyl tert-butyl ether	ND	25	н	н	U	"	П	U	
tert-Butyl alcohol	ND	5000	н	11		н	11		
Surrogate: Dibromofluoromethane		82 %	70-12)	н	n	H	'n	
Surrogate: 1,2-Dichloroethane-d4		82 %	66-12)	n	u	H	n	
Surrogate: Toluene-d8		106 %	75-120)	u	n	H	"	
Surrogate: 4-Bromofluorobenzene		186 %	60-120)	ø	и	н	ø	$Z\lambda$
B-4 d 5 (MQD0015-22) Soil Sampled: 03/2	27/07 14:45 Receive	ed: 03/30/07 1	8:05						
Benzene	ND	5.0	ug/kg	1	7D07005	04/07/07	04/07/07	EPA 8260B	
Toluene	ND	5.0	н	и	D	11	n	11	
Ethylbenzene	ND	5.0	n	n ·	"	11	н	U	
Xylenes (total)	ND	5.0	ļi.	9	tr.	H	n	U	
Methyl tert-butyl ether	ND	5.0	ø		n	н	Ü	e	
tert-Butyl alcohol	ND	20	0	U		n		II .	
Surrogate: Dibromofluoromethane	•	101 %	70-120)	R	"	"	n	
Surrogate: 1,2-Dichloroethane-d4		90 %	66-120)	n	n	и	n	
Surrogate: 4-Bromofluorobenzene		91 %	60-120)	u	"	n	n	





175 Bernal Rd. Suite 200

San Jose CA, 95119

Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X

Project Manager: Lee Dooley

MQD0015 Reported: 04/17/07 21:11

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
 B-4 d 9.5 (MQD0015-23)	3/28/07 11:05 Recei	ved: 03/30/07	18:05						
Benzene	ND	5.0	ug/kg	1	7D09015	04/09/07	04/10/07	EPA 8260B	
Toluene	ND	5.0	н		и	11		н	
Ethylbenzene	ND	5.0	н	u.	и	ŧ	н	и	
Xylenes (total)	ND	5.0	И	D ·	И	u	н	и	
Methyl tert-butyl ether	ND	5.0	II	u	и	U	10	п	
tert-Butyl alcohol	ND	20	ø	n	н	U		н	
Surrogate: Dibromofluoromethane		104 %	70-1	20	u	н	H	u	
Surrogate: 1,2-Dichloroethane-d4		97 %	66-1	20	11	n	"	и	
Surrogate: 4-Bromofluorobenzene		90 %	60-1	20	, ,		. #	. "	
B-4 d 14.5 (MQD0015-24) Soil Sampled:	03/28/07 11:12 Rece	eived: 03/30/0	7 18:05						
Benzene	ND	5.0	ug/kg	1	7D09015	04/09/07	04/10/07	EPA 8260B	
Toluene	ND	5.0	h	Ü	и	11	ш	И	
Ethylbenzene	ND	5.0	и	IP.	н	11	н	n .	
Xylenes (total)	ND	5.0	11	1)	н	11	И	n .	
Methyl tert-butyl ether	ND	5.0	11	II	и	U	н	и	
tert-Butyl alcohol	ND	20	U	и	н			n	
Surrogate: Dibromofluoromethane		102 %	70-1	20	12	н	и	"	
Surrogate: 1,2-Dichloroethane-d4		101 %	66-1	20	"	#	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	60-1	20	u	H	u	0	
B-4 d 20 (MQD0015-25) Soil Sampled: 03	/28/07 11:15 Receiv	ed: 03/30/07	18:05						
Benzene	ND	5.0	ug/kg	1	7D09015	04/09/07	04/10/07	EPA 8260B	
Toluene	ND	5.0	n	11	U	II	п	u	
Ethylbenzene	ND	5.0	"	11	"	II	II .	n .	
Xylenes (total)	ND	5.0	,	11	U	н	u	U	
Methyl tert-butyl ether	40	5.0	н	11	U	ıı	U	0	
tert-Butyl alcohol	ND	20				н			
Surrogate: Dibromofluoromethane		96 %	70-1	20	и	н	"	н	
Surrogate: 1,2-Dichloroethane-d4		92 %	66-1	20	н	u	n	н	
Surrogate: 4-Bromofluorobenzene		89 %	60-1	20	и	н	В	н	





175 Bernal Rd. Suite 200 San Jose CA, 95119 Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X

Project Manager: Lee Dooley

MQD0015 Reported: 04/17/07 21:11

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Anatyzed	Method	Note
B-4 d 24.5 (MQD0015-26) Soil Sampled:	03/28/07 11:20 Re	ceived: 03/30/0	7 18:05						
Benzene	ND	5.0	ug/kg	1	7D10010	04/10/07	04/10/07	EPA 8260B	
Toluene	ND	5.0	и	U		a	11	17	
Ethylbenzene	ND	5.0	н	IJ	н	U	o o	u	
Xylenes (total)	ND	5.0	н	II.	н	U	a	It	
Methyl tert-butyl ether	26	5.0	н	U	п	U	u	II	
tert-Butyl alcohol	ND	20	"	11	11		0	n	
Surrogate: Dibromofluoromethane		102 %	70-1	120	12	"	"	n	
Surrogate: 1,2-Dichloroethane-d4		104 %	66-1	120	12	н	H	n	
Surrogate: 4-Bromofluorobenzene		90 %	60-1	120	"	н	"	o	
B-4 d 29.5 (MQD0015-27) Soil Sampled:	03/28/07 11:25 Re	ceived: 03/30/0	7 18:05						
Benzene	ND	5.0	ug/kg	ı	7D10010	04/10/07	04/10/07	EPA 8260B	
Toluene	ND	5.0	0	Ħ	0	и	и	11	
Ethylbenzene	ND	5.0	0	и	1)	н	и	U	
Xylenes (total)	ND	5.0	0	n	IP	II	н	11	
Methyl tert-butyl ether	6.3	5.0	U	11	D	n	н	u	
tert-Butyl alcohol	71	20			n	н			
Surrogate: Dibromofluoromethane		103 %	70-1	120	n	12	n	В	
Surrogate: 1,2-Dichloroethane-d4		107 %	66-1	120	o	"	u	н	
Surrogate: 4-Bromofluorobenzene		86 %	60-1	120	b	"	. "	н	
B-4 d 35 (MQD0015-28) Soil Sampled: 03	3/28/07 11:35 Rece	ived: 03/30/07	18:05						
Benzene	ND	25	ug/kg	5	7D10010	04/10/07	04/10/07	EPA 8260B	-
Toluene	ND	25	н	"	. н	u	ti ti	II.	
Ethylbenzene	ND	25	н	"	н	"	ti .	II.	
Xylenes (total)	CIN	25	н	0	"	0		II.	
Methyl tert-butyl ether	800	25	н	u u	и	u	11	. "	
tert-Butyl alcohol	630	100	и	11	н	u		n	
Surrogate: Dibromofluoromethane		100 %	70-1	120	v	n	"	"	
Surrogate: 1,2-Dichloroethane-d4		108 %	66-1	120	ρ	н	и	n	
Surrogate: 4-Bromofluorobenzene		80 %	60-1	120	n	н	" .	. "	





Project: 4226 1st Street, Pleasanton

MQD0015

175 Bernal Rd. Suite 200

Project Number: SJ42-26F-X

Reported:

San Jose CA, 95119

Project Manager: Lee Dooley

04/17/07 21:11

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
B-5 d 5 (MQD0015-29) Soil Sampled: 03/	27/07 15:40 Receive	d: 03/30/07 1	8:05						
Benzene	ND	5.0	ug/kg	ı	7D07005	04/07/07	04/07/07	EPA 8260B	
Toluene	ND	5.0	и	"	н	Ħ	11	u	
Ethylbenzene	ND	5.0	И	н	и	11	a a	U	
Xylenes (total)	ND	5.0	н	н	н	łı.	0	tt.	
Methyl tert-butyl ether	ND	5.0	н	11	п	11	II.	II.	
tert-Butyl alcohol	ND	20		9	11	u	ır		
Surrogate: Dibromofluoromethane		102 %	70-1	20	H	Ħ	н	ρ	
Surrogate: 1,2-Dichloroethane-d4		93 %	66-1	20	n	n	o	u .	
Surrogate: 4-Bromofluorobenzene		95 %	60-1	20	. "	n	"	. "	
B-5 d 10.5 (MQD0015-30) Soil Sampled:	03/28/07 10:00 Rece	ived: 03/30/0	7 18:05						
Benzene	ND	5.0	ug/kg	E	7D11009	04/11/07	04/11/07	EPA 8260B	
Toluene	ND	5.0	н	h	н	ø	U	н	
Ethylbenzene	ND	5.0	11	ø	11	0	tr	"	
Xylenes (total)	ND	5.0	o o	IJ	41	U	ij	н	
Methyl tert-butyl ether	ND	5.0	U	0	0	"	н	11	
tert-Butyl alcohol	ND	20		IP			И	11	
Surrogate: Dibromofluoromethane		102 %	70-1	20	п	Ħ	o	н	
Surrogate: 1,2-Dichloroethane-d4		104 %	66-1	20	n	n	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	60-1	20	B	и	"	"	
B-5 d 15,5 (MQD0015-31) Soil Sampled:	03/28/07 10:10 Rece	ived: 03/30/0	7 18:05						
Benzene	ND	5.0	ug/kg	. 1	7D11009	04/11/07	04/11/07	EPA 8260B	
Toluene	ND	5,0	"	IJ	"	ø	u u	п	
Ethylbenzene	ND	5.0	pi .	li .	n	"	U		
Xylenes (total)	ЦИ	5.0	н	11	h	"	II .	н	
Methyl tert-butyl ether	ND	5.0	li	10	п	0	II.	И	
tert-Butyl alcohol	ND	20	U	a	U	D		и	
Surrogate: Dibromofluoromethane		107 %	70-1	20	"	"	n	"	
Surrogate: 1,2-Dichloroethane-d4		101 %	66-1	20	0	,,	n	n	
Surrogate: 4-Bromofluorobenzene		102 %	60-1	20	"	н	n	a	





175 Bernal Rd. Suite 200

San Jose CA, 95119

Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X

Project Manager: Lee Dooley

MQD0015 Reported: 04/17/07 21:11

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
B-5 d 20.5 (MQD0015-32) Soil Sampled:	03/28/07 10:15 R	eccived: 03/30/0	7 18:05						
Benzene	ND	5.0	ug/kg	1	7D11009	04/11/07	04/11/07	EPA 8260B	
Toluene	ND	5.0	9	"	"	п	u	н	
Ethylbenzene	ND	5.0	a	D	н	н	0	и	
Xylenes (total)	ND	5.0	a	n	н	И	O.	11	
Methyl tert-butyl ether	5,4	5.0	Ð	н	н	н	П	U	
tert-Butyl alcohol	ND	20	D	"	11	fi fi	н	U	
Surrogate: Dibromofluoromethane		103 %	70-12	20	"	"	u	"	
Surrogate: 1,2-Dichloroethane-d4		105 %	66-12	20	н	н	n	n	
Surrogate: 4-Bromofluorobenzene		102 %	60-12	20	H	н	"	u	
B-5 d 25.5 (MQD0015-33) Soil Sampled:	03/28/07 10:20 Re	eccived: 03/30/0	7 18:05						•
Benzene	ND	5.0	ug/kg	1	7D07005	04/07/07	04/07/07	EPA 8260B	
Toluene	ND	5,0	11	н	IJ	U	n .	IP.	
Ethylbenzene	ND	5.0	и	н	a	0	н	u u	
Xylenes (total)	ND	5.0	ĮI.	fi .	0	0	11	n n	
Methyl tert-butyl ether	ND	5.0	н	0	"	11	0	n	
tert-Butyl alcohol	ND	20	11	U	n n	и	"	11	
Surrogate: Dibromofluoromethane		103 %	70-12	20	a	n	н	и	
Surrogate: 1,2-Dichloroethane-d4		95 %	66-12	20	p	u	H	n	
Surrogate: 4-Bromofluorobenzene		93 %	60-12	20	"	"	"	H	
B-5 d 30 (MQD0015-34) Soil Sampled: 0	3/28/07 10:25 Rec	eived: 03/30/07	18:05		•				
Benzene	ND	5.0	ug/kg .	Į.	7D07005	04/07/07	04/07/07	EPA 8260B	
Toluene	ND	5.0	h	9	u	n	U	н	
Ethylbenzene	ND	5.0	н	U	17	n	0	ı	
Xylenes (total)	ND	5.0	11	U		и	U.	v	
Methyl tert-butyl ether	65	5.0	11	1)	В	n	11	o o	
tert-Butyl alcohol	100	20	Ø	17	n .	h	11	11	
Surrogate: Dibromofluoromethane		104 %	70-12	20	"	n	n	."	
Surrogate: 1,2-Dichloroethane-d4		94 %	66-12	20	n	0	o	н	
Surrogate: 4-Bromofluorobenzene		93 %	60-12	20	u	а	0	В	•





Project: 4226 1st Street, Pleasanton

MQD0015 Reported:

175 Bernal Rd. Suite 200 San Jose CA, 95119 Project Number: SJ42-26F-X
Project Manager: Lee Dooley

Reported: 04/17/07 21:11

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Anatyzed	Method	Notes
B-5 d 35 (MQD0015-35) Soil Sampled: 0	3/28/07 10:30 Receiv	ed: 03/30/07	18:05			•			
Benzene	ND	25	ug/kg	5	7D10010	04/10/07	04/10/07	EPA 8260B	
Toluene	ND	25	н	0	O	н	И	н	
Ethylbenzene	ND	25	н	n n	II	и	н	н	
Xylenes (total)	ND	25	ti .	II.	u	μ	н	n	
Methyl tert-butyl ether	300	25	n	10	н	10	ti	U	
tert-Butyl alcohol	460	100	ıı	и	li .	U	0	0	
Surrogate: Dibromofluoromethane		100 %	70-12	0	n	н	н	'n	
Surrogate: 1,2-Dichloroethane-d4		110 %	66-12	0	В	n	н	n	
Surrogate: 4-Bromofluorobenzene		87 %	60-12	0	и	o	o	o ·	





Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X 175 Bernal Rd. Suite 200

MQD0015 Reported: 04/17/07 21:11

San Jose CA, 95119

Project Manager: Lee Dooley

Analyte	Result	Reporting Limit	Units	Spike Levet	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7D05015 - EPA 5030B P/T / LUF	T GCMS									
Blank (7D05015-BLK1)				Prepared: (04/05/07 A	nalyzed: 04	1/06/07			
Gasoline Range Organics (C4-C12)	ND	100	ug/kg							
Surrogate: 1,2-Dichloroethane-d4	5.36		ď	5.00		107	66-120			
Surrogate: 4-Bromofluorobenzene	4,60		"	. 5,00		92	60-120			
Surrogate: Dibromofluoromethane	5.10		,,	5,00		102	70-120			
Surrogate: Toluene-d8	5.20		W	5.00		104	75-120			
Laboratory Control Sample (7D05015-BS2)				Prepared: (04/05/07 A	nalyzed: 04	/06/07			
Gasoline Range Organics (C4-C12)	825	100	ug/kg	1000		82	45-135			
Surrogate: 1,2-Dichloroethane-d4	5.50		н	5.00		110	66-120			
Surrogate: 4-Bromofluorobenzene	5.02		н	5.00		100	60-120			
Surrogate: Dibromofluoromethane	5.24		В	5.00		105	70-120			
Surrogate: Toluene-d8	5,20		n	5.00		104	75-120			
Laboratory Control Sample Dup (7D05015-	BSD2)			Prepared: (04/05/07 A	nalyzed: 04	/06/07			
Gasoline Range Organics (C4-C12)	856	100	ug/kg	1000		86	45-135	4	40	
Surrogate: 1,2-Dichloroethane-d4	5.48		p	5.00		110	66-120			
Surrogate: 4-Bromofluorobenzene	5.10		ρ	5.00		102	60-120			
Surrogate: Dibromofluoromethane	4.88		u	5.00		. 98	70-120			
Surrogate: Toluene-d8	5.08		ц	5.00		102	75-120			
Batch 7D06014 - EPA 5030B P/T / LUF	T GCMS									
Blank (7D06014-BLK1)				Prepared &	z Analyzed:	04/06/07				
Gasoline Range Organics (C4-C12)	ND	100	ng/kg	•						
Surrogate: 1,2-Dichloroethane-d4	4,90		н	5.00		98	66-120			
Surrogate: 4-Bromofluorobenzene	5.14		н	5.00		103	60-120			
Surrogate: Dibromofluoromethane	5.44		"	5.00		109	70-120			
Surrogate: Toluene-d8	5.18		#	5.00		104	75-120			





175 Bernal Rd. Suite 200

San Jose CA, 95119

Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X
Project Manager: Lee Dooley

MQD0015 Reported:

04/17/07 21:11

Analys	Donate	Reporting	Thite	Spike	Source	% D CC	%REC	D DIV	RPD Limit	Notes
Analyte	Result	Limit	Units	I.evel	Result	%REC	Limits	RPD	tainit	Notes
Batch 7D06014 - EPA 5030B P/T / LUFT G	CMS									
Laboratory Control Sample (7D06014-BS2)				Prepared &	Analyzed:	04/06/07				
Gasoline Range Organics (C4-C12)	795	100	ug/kg	1000		80	45-135			
Surrogate: 1,2-Dichloroethane-d4	4.78		"	5.00		96	66-120			
Surrogate: 4-Bromofluorobenzene	5.08		"	5,00		102	60-120			
Surrogate: Dibromofluoromethane	5.10		u	5.00		102	70-120			
Surrogate: Toluene-d8	5.16		H	5.00		103	75-120			
Laboratory Control Sample Dup (7D06014-BSD	2)			Prepared &	. Analyzed:	04/06/07				
Gasoline Range Organics (C4-C12)	789	100	ug/kg	1000		79	45-135	0.8	40	
Surrogate: 1,2-Dichloroethane-d4	5.00		н	5.00		100	66-120			
Surrogate: 4-Bromofluorobenzene	5.14		"	5.00		103	60-120			
Surrogate: Dibromofluoromethane	5.06		Ħ	5.00		101	70-120			
Surrogate: Toluene-d8	5.14		u	5.00		103	75-120			
Batch 7D07005 - EPA 5030B P/T / LUFT G	CMS									
Blank (7D07005-BLK1)				Prepared &	: Analyzed:	04/07/07				
Gasoline Range Organics (C4-C12)	ND	100	ug/kg							
Surrogate: 1,2-Dichloroethane-d4	4.52		n	5.00		90	66-120			
Surrogate: 4-Bromofluorobenzene	4.64		n	5.00		93	60-120			
Surrogate: Dibromofluoromethane	4,56		a	5.00		91	70-120			
Surrogate: Toluene-d8	4.62			5,00		92	75-120			
Laboratory Control Sample (7D07005-BS2)			*	Prepared &	: Analyzed:	04/07/07				
Gasoline Range Organics (C4-C12)	953	100	ug/kg	1000		95	45-135			
Surrogate: 1,2-Dichloroethane-d4	4.74		h	5.00		95	66-120			
Surrogate: 4-Bromofluorobenzene	4.88		n	5,00		98	60-120			
Surrogate: Dibromofluoromethane	4.60		n,	5.00		92	70-120			
Surrogate: Toluene-d8	4.80		9	5.00		96	75-120			





175 Bernal Rd. Suite 200

San Jose CA, 95119

Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X

Project Manager: Lee Dooley

MQD0015 Reported:

04/17/07 21:11

		Reporting		Spike	Source	•	%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 7D07005 - EPA 5030B P/T / LUFT G	CMS									
Laboratory Control Sample Dup (7D07005-BSD	2)			Prepared &	Analyzed:	04/07/07				
Gasoline Range Organics (C4-C12)	975	100	ug/kg	1000		98	45-135	2	40	
Surrogate: 1,2-Dichloroethane-d4	4.62		n	5.00		92	66-120			
Surrogate: 4-Bromofluorobenzene	5.12		н	5.00		102	60-120			
Surrogate: Dibromofluoromethane	4.42		"	5.00		88	70-120			
Surrogate: Toluene-d8	4.72		"	5.00		94	75-120			
Batch 7D09015 - EPA 5030B P/T / LUFT G	CMS									
Blank (7D09015-BLK1)				Prepared: 0	04/09/07 At	nalyzed: 04	1/10/07			
Gasoline Range Organics (C4-C12)	ND	100	ug/kg							
Surrogate: 1,2-Dichloroethane-d4	4.56		и	5,00		91	66-120			
Surrogate: 4-Bromofluorobenzene	4.56		н	5.00		91	60-120			
Surrogate: Dibromofluoromethane	4.62		н	5.00		92	70-120			
Surrogate: Toluene-d8	4.58		"	5.00		92	75-120			
Laboratory Control Sample (7D09015-BS2)				Prepared: 0	04/09/07 A1	nalyzed: 04	/10/07			
Gasoline Range Organics (C4-C12)	638	100	ug/kg	1000		64	45-135			
Surragate: 1,2-Dichloroethane-d4	4.92			5.00		98	66-120			
Surrogate: 4-Bromofluorobenzene	4.94		u	5.00		99	60-120			
Surrogate: Dibromofluoromethane	4.70		н	5.00		94	70-120			
Surrogate: Toluene-d8	4.72		zł.	5,00		94	75-120			
Laboratory Control Sample Dup (7D09015-BSD	2)	·		Prepared: 0	4/09/07 Ai	ıalyzed: 04	1/10/07			
Gasoline Range Organics (C4-C12)	600	100	ug/kg	1000		60	45-135	6	40	
Surrogate: 1,2-Dichloroethane-d4	4.22		n	5.00	<u> </u>	84	66-120			
Surrogate: 4-Bromofluorobenzene	4.42		n	5.00		88	60-120			
Surrogate: Dibromofluoromethane	4.64		"	5.00		93	70-120			
Surrogate: Toluene-d8	4.78		Ω	5.00		96	75-120			





Project: 4226 1st Street, Pleasanton

MQD0015 Reported:

175 Bernal Rd. Suite 200 San Jose CA, 95119

Project Number: SJ42-26F-X Project Manager: Lee Dooley

04/17/07 21:11

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 7D10010 - EPA 5030B P/T / LU	IFT GCMS									
Blank (7D10010-BLK1)				Prepared &	Analyzed:	04/10/07				
Gasoline Range Organics (C4-C12)	ND	100	ug/kg							
Surrogate: 1,2-Dichloroethane-d4	5.02		9	5.00		100	66-120			
Surrogate: 4-Bromofluorobenzene	4.70		н	5.00		94	60-120			
Surrogate: Dibromofluoromethane	5.20		н	5.00		104	70-120			
Surrogate: Toluene-d8	4.92		н	5.00		98	75-120			
Laboratory Control Sample (7D10010-BS	2)			Prepared &	: Analyzed:	04/10/07				
Gasoline Range Organics (C4-C12)	790	100	ug/kg	1000		79	45-135			
Surrogate: 1,2-Dichloroethane-d4	5.34		"	5.00		107	66-120			
Surrogate: 4-Bromofluorohenzene	5.14		W	5.00		103	60-120			
Surrogate: Dibromofluoromethane	5.32		В	5.00		106	70-120			
Surrogate: Toluene-d8	5.14		н	5.00		103	75-120		-	
Laboratory Control Sample Dup (7D1001	0-BSD2)			Prepared &	: Analyzed:	04/10/07				
Gasoline Range Organics (C4-C12)	809	100	ug/kg	1000		81	45-135	2	40	
Surrogate: 1,2-Dichloroethane-d4	5.20		н	5.00		104	66-120			
Surrogate: 4-Bromofluorobenzene	5.08		u	5.00		102	60-120			
Surrogate: Dibromofluoromethane	5.14		u	5.00		103	70-120			
Surrogate: Toluene-d8	5.16		"	5.00		103	75-120			
Batch 7D10013 - EPA 5030B/5035A M	IeOH / LUFT GCMS			N						
Blank (7D10013-BLK1)				Prepared &	Analyzed:	04/10/07				
Gasoline Range Organics (C4-C12)	ND ·	2500	ug/kg				-			
Surrogate: 1,2-Dichloroethane-d4	2.22		"	2.50		89	66-120			
Surrogate: 4-Bromofluorobenzene	2.33		n	2.50		93	60-120			
Surrogate: Dibromofluoromethane	2.16		ρ	2,50		86	70-120			
Surrogate: Toluene-d8	2.32		u	2.50		93	75-120		100	





Project: 4226 1st Street, Pleasanton

175 Bernal Rd. Suite 200

Project Number: SJ42-26F-X
Project Manager: Lee Dooley

MQD0015

Reported: 04/17/07 21:11

San Jose CA, 95119

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 7D10013 - EPA 5030B/5035A MeOH	/ LUFT GCM	is								
Laboratory Control Sample (7D10013-BS2)				Prepared &	Analyzed:	04/10/07				
Gasoline Range Organics (C4-C12)	28300	2500	ug/kg	25000		113	45-135			
Surrogate: 1,2-Dichloroethane-d4	2.24		n	2.50		90	66-120			
Surrogate: 4-Bromofluorobenzene	2.38		"	2.50		95	60-120			
Surrogate: Dibromofluoromethane	2.22		"	2.50		89	70-120			
Surrogate: Toluene-d8	2.40		н	2.50		96	75-120			
Laboratory Control Sample Dup (7D10013-BSD	2)			Prepared &	Analyzed:	04/10/07				
Gasoline Range Organics (C4-C12)	27900	2500	ug/kg	25000		112	45-135	. 1	40	
Surrogate: 1,2-Dichloroethane-d4	2,30		o	2.50		92	66-120			
Surrogate: 4-Bromofluorobenzenc	2.39		μ	2.50		96	60-120			
Surrogate: Dibromofluoromethane	2.22		u	2.50		89	70-120			
Surrogate: Toluene-d8	2.39		H	2.50		96	75-120			
Batch 7D11009 - EPA 5030B P/T / LUFT G	CMS									
Blank (7D11009-BLK1)				Prepared &	: Analyzed: (04/11/07				
Gasoline Range Organics (C4-C12)	ND	100	ug/kg							
Surrogate: 1,2-Dichloroethane-d4	5.38		п	5.00		108	66-120			
Surrogate: 4-Bromofluorobenzene	5.14		н .	5.00		103	60-120			
Surrogate: Dibromofluoromethane	5.18		В	5.00		104	70-120			
Surrogate: Toluene-48	5.02		"	5.00		100	75-120			
Laboratory Control Sample (7D11009-BS2)				Prepared &	: Analyzed; (04/11/07				
Gasoline Range Organics (C4-C12)	853	100	ug/kg	0001		85	45-135			
Surrogate: 1,2-Dichloroethane-d4	5.56		μ	5.00		111	66-120			
Surrogate: 4-Bromofluorobenzene	5.10		"	5.00		102	60-120			
Surrogate: Dibromofluoromethane	5.34	•	u	5.00		107	70-120			
Surrogate: Toluene-d8	5.22		н`	5.00		104	75-120			





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175 Bernal Rd. Suite 200 San Jose CA, 95119 Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X

Project Manager: Lee Dooley

MQD0015

Reported:

04/17/07 21:11

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 7D11009 - EPA 5030B P/T / LU	FT GCMS									
Laboratory Control Sample Dup (7D11009)-BSD2)			Prepared &	Analyzed:	04/11/07				
Gasoline Range Organics (C4-C12)	906	100	ug/kg	1000		91	45-135	6	40	
Surrogate: 1,2-Dichloroethane-d4	5.34		,,	5.00		107	66-120			
Surrogate: 4-Bromofluorobenzene	5.32		d	5.00		106	60-120			
Surrogate: Dibromofluoromethane	5.26		и	5.00		105	70-120			
Surrogate: Toluene-d8	5.18		ø	5,00		104	75-120			





Project: 4226 1st Street, Pleasanton

175 Bernal Rd. Suite 200

Project Number: SJ42-26F-X

MQD0015 Reported: 04/17/07 21:11

San Jose CA, 95119

Project Manager: Lee Dooley

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morg

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 7D05015 - EPA 5030B P/T / EPA 826	0B									
Blank (7D05015-BLK1)				Prepared: (04/05/07 A	nalyzed: 04	/06/07			
Benzene	ND	5.0	ug/kg							
Foluene	ND	5.0	u							
Ethylbenzene	ND	5.0	D							
(sylenes (total)	ND	5.0	11							
fethyl tert-butyl ether	ND	5,0	"							
i-isopropyl ether	ND	5.0	н							
thyl tert-butyl ether	ND	5.0	н		•					
ert-Amyl methyl ether	ND	5.0								
ert-Butyl alcohol	ND	20	ta							
,2-Dichloroethane	ND	5.0	н							
2-Dibromoethane (EDB)	ND	5.0	"							
thanol	ND	100	"							
urrogate: Dibromofluoromethane	5.10		н	5.00		102	70-120			
urrogate: 1,2-Dichloroethane-d4	5.36		"	5.00		107	66-120			
urrogate: 4-Bromofluorobenzene	4.60		"	5.00		92	60-120			
aboratory Control Sample (7D05015-BS1)				Prepared &	: Analyzed:	04/05/07				
Senzene	20.9	5.0	ug/kg	20.0		104	70-140			
oluene	20.3	5.0	н	20.0		102	75-135			
thylbenzene	19,9	5.0		20.0		100	75-140			
(ylenes (total)	60.0	5.0	и	60.0		100	75-145			
fethyl tert-butyl ether	21.0	5.0	"	20.0		105	75-130			
Di-isopropyl ether	22.2	5.0	н	20.0		111	60-135			
thyl tert-butyl ether	22.0	5.0	h	20,0		110	70-125			
ert-Amyl methyl ether	20.9	5.0	11	20,0		104	65-140			
ert-Butyl alcohol	403	20	11	400		101	75-130			
,2-Dichloroethane	23.1	5,0	ti	20.0		116	75-130			
,2-Dibromoethane (EDB)	22.1	5.0	9	20.0		110	70-145			
thanol	599	100	ø	400		150	50-150			
urrogate: Dibromofluoromethane	5.40		В	5.00		108	70-120			
urrogate: 1,2-Dichloroethane-d4	5.86		н	5.00		117	66-120			
urrogate: 4-Bromofluorobenzene	4.80		*	5.00		96	60-120			





175 Bernal Rd. Suite 200

San Jose CA, 95119

Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X Project Manager: Lee Dooley

MQD0015 Reported:

04/17/07 21:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

	Dani ^t	Reporting	Lluita	Spike	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Result	Limit	Units	Level	Resuit	70KEC	Lunks	W.D	6000	rotes
Batch 7D05015 - EPA 5030B P/T / EPA	A 8260B									
Matrix Spike (7D05015-MS1)	Source: MQ	D0015-13		Prepared: (04/05/07 A	nalyzed: 04	1/06/07			
Benzene	19.8	5.0	ug/kg	20.0	ND	99	70-140			
Toluene	19.3	5.0	н	20,0	0,38	95	75-135			
Ethylbenzene	19.2	5.0	н	20,0	ND	96	75-140			
Xylenes (total)	57.8	5.0	н	60.0	ND	96	75-145			
Methyl tert-butyl ether	335	5.0	U	20.0	220	575	75-130			MH
Di-isopropyl ether	19.9	5.0	11	20.0	ND	100	60-135			
Ethyl tert-butyl ether	19.5	5.0	11	20.0	ND	98	70-125			
tert-Amyl methyl ether	19.0	5.0	9	20.0	ND	95	65-140			
tert-Butyl alcohol	580	20	U	400	140	110	75-130			
1,2-Dichloroethane	20.0	5.0	U	20.0	ND	100	75-130			
1,2-Dibromoethane (EDB)	20.5	5.0	"	20.0	ND	102	70-145			
Ethanol	651	100	"	400	ND	163	50-150			·· M
Surrogate: Dibromofluoromethane	5.36		,,	5.00		107	70-120			
Surrogate: 1,2-Dichloroethane-d4	4.92		"	5.00		98	66-120			
Surrogate: 4-Bromofluorobenzene	5.36		n	5.00		107	60-120			
Matrix Spike Dup (7D05015-MSD1)	Source: MC	D0015-13		Prepared: ()4/05/07 A	nalyzed: 04	/06/07			
Benzene	21.5	5.0	ug/kg	20.0	·ND	108 -	70-140	8	25	
Foluene	20.5	5.0	, н	20.0	0.38	101	75-135	6	25	
Ethylbenzene	20.3	5.0	"	20,0	ND	102	75-140	6	30	
Xylenes (total)	58.8	5,0.1	, н	60.0	ND	98	75-145	2	30.	100
Methyl tert-butyl ether	316	5.0	н	20.0	220	480	75-130	. 6	25	МН
Di-isopropyl ether	21.4	5,0	и.	20.0	ND	107	60-135	7	40	
Ethyl tert-butyl ether	21.3	5.0	'n	20.0	ND	106	70-125	9	30	
ert-Amyl methyl ether	20,9	5.0	н, ,	20.0	ND	104	65-140	10	25	
tert-Butyl alcohol	529	20	ıı	400	140	97	75-130	9	25	
1,2-Dichloroethane	21.8	5.0	н	20,0	ND	109	75-130	9	25	
1,2-Dibromoethane (EDB)	21.3	5.0	н	20.0	ND	106	70-145	4	30	
Ethanol	576	100	н	400	ND	144	50-150	12	30	
Surrogate: Dibromofluoromethane	5.52		п	5.00		110	70-120			
Surrogate: 1,2-Dichloroethane-d4	5.14		o	5.00		103	66-120			
Surrogate: 4-Bromofluorobenzene	5.28		"	5.00		106	60-120			





Project: 4

Reporting

Project: 4226 1st Street, Pleasanton

Spike

Source

%REC

MQD0015

175 Bernal Rd. Suite 200

Project Number: SJ42-26F-X

Reported:

RPD

San Jose CA, 95119

Project Manager: Lee Dooley

04/17/07 21:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica - Morgan Hill, CA

Analyte	Result	Keporting Limit	Units	Eevel	Result	%REC	Limits	RPD	Limit	Notes
Batch 7D06014 - EPA 5030B P/T / EPA 826)B									
Blank (7D06014-BLK1)				Prepared &	k Analyzed	: 04/06/07				
Benzene	ND	5.0	ug/kg							
Toluene	ND	5.0								
Ethylbenzene	ND	5.0	"							
Xylenes (total)	ND	5.0	н							
Methyl tert-butyl ether	ND	5.0	μ							
Di-isopropyl ether	ND	5.0	9							
Ethyl tert-butyl ether	ND	5.0	"			*				
tert-Amyl methyl ether	ND	5.0		•						
tert-Butyl alcohol	ND	20	В							
1,2-Dichloroethane	ND	5.0	II.							
,2-Dibromoethane (EDB)	ИD	5.0								
Ethanol	ND	100	н							
Surrogate: Dibromofluoromethane	5.44		0	5.00		109	70-120			
Surrogate: 1,2-Dichloroethane-d4	4.90		n	5.00		98	66-120			
Surrogate: 4-Bromofluorobenzene	5.14		u	5.00		103	60-120			
aboratory Control Sample (7D06014-BS1)				Prepared &	k Analyzed:	04/06/07				
Венгене	19,9	5.0	ug/kg	20.0		100	70-140			
Cohiene	19.8	5.0	Đ.	20.0		99	75-135			
Ethylbenzene	20.5	5.0	o	20.0		102	75-140			
Kylenes (total)	61.5	5.0	11	60,0		102	75-145		•	
Methyl tert-butyl ether	20.1	5.0	п	20.0		100	75-130			
Di-isopropyl ether	18.3	5.0	н	20.0		92	60-135			
Ethyl tert-butyl ether	19.3	5.0	и, ,	20,0		96	70-125			
ert-Amyl methyl ether	19.5	5.0	н	20,0		98	65-140			
ert-Butyl alcohol	415	20	н	400		104	75-130			
,2-Dichloroethane	19.3	5.0	н	20.0		96	75-130			
,2-Dibromoethane (EDB)	21.1	5.0	н	20,0		106	70-145			
Ethanol	413	100	п	400		103	50-150			
Surrogate: Dibromofluoromethane	5.32		"	5.00		106	70-120			
Surrogate: 1,2-Dichloroethane-d4	4.90		"	5.00	•	98	66-120			
	_					101	CO 100			

5.00

5.04

Surrogate: 4-Bromofluorobenzene





175 Bernal Rd. Suite 200 San Jose CA, 95119 Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X
Project Manager: Lee Dooley

MQD0015 Reported: 04/17/07 21:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica - Morgan Hill, CA

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Linsit	Notes
Batch 7D06014 - EPA 5030B P/T / EPA	A 8260B									
Matrix Spike (7D06014-MS1)	Source: MQI	00019-14		Prepared &	z Analyzed:	04/06/07				
Benzene	21.6	5.0	ug/kg	20.0	ND	108	70-140			
Toluene	21.7	5.0		20.0	0.88	104	75-135			
Ethylbenzene	20.0	5.0	н	20.0	ND	100	75-140			
Kylenes (total)	60.6	5.0	н	60.0	ND	101	75-145			
Methyl tert-hutyl ether	30.4	5.0	н	20.0	13	87	75-130			
Di-isopropyl ether	20.2	5,0	н	20.0	ND	101	60-135			
Ethyl tert-butyl ether	20.9	5,0	и	20.0	ND	104	70-125			
ert-Amyl methyl ether	21.3	5.0	н	20.0	ND	106	65-140			
tert-Butyl alcohol	355	20	н	400	ND	89	75-130			
1,2-Dichloroethane	21.6	5,0		20,0	ИD	108	75-130			
1,2-Dibromoethane (EDB)	22.7	5,0		20.0	ND	114	70-145			
Sthanol	445	100	н	400	ND	111	50-150			
Surrogate: Dibromofluoromethane	5.36		n	5.00	·	107	70-120			
Surrogate: 1,2-Dichloroethane-d4	4.96		"	5.00		99	66-120			
Surrogate: 4-Bromofluorobenzene	5.28		п	5.00		106	60-120			
Matrix Spike Dup (7D06014-MSD1)	Source: MQI	00019-14		Prepared &	Analyzed:	04/06/07				
Benzene	21.0	5.0	ug/kg	20.0	ND	105	70-140	3	25	
Foluene	21.0	5.0	Đ	20.0	0.88	101	75-135	3	25	
Ethylbenzene	20.0	5.0	U	20.0	ND	100	75-140	0	30	
Kylenes (total)	59.5	5.0	u	60.0	ND	99	75-145	2	30	
Methyl tert-butyl ether	29.0	5.0	ø	20.0	13	80	75-130	5	25	
Di-isopropyl ether	19.9	5.0	41	20.0	ND	100	60-135	1	40	
Ethyl tert-butyl ether	21,0	5.0	11	20.0	ND	105	70-125	0.5	30	
ert-Amyl methyl ether	21.7	5.0	•	20.0	ND	108	65-140	2	25	
ert-Butyl alcohol	347	20	и	400	ND	87	75-130	2	25	
1,2-Dichloroothane	21,7	5.0	н	20.0	ND	108	75-130	0.5	25	
1,2-Dibromoethane (EDB)	24.7	5.0	n	20.0	ND	124	70-145	8	30	
Ethanol	428	100	н	400	ND	107	50-150	4	30	
Surrogate: Dibromofluoromethane	5.40		В	5.00		108	70-120			"
Surrogate: 1,2-Dichloroethane-d4	5.16		"	5.00		103	66-120			
Surrogate: 4-Bromofluorobenzene	5.18		н	5.00		104	60-120			





175 Bernal Rd. Suite 200 San Jose CA, 95119

Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X

Project Manager: Lee Dooley

MQD0015 Reportedi 04/17/07 21:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7D07005 - EPA 5030B P/T / EPA 826	0 B									
Blank (7D07005-BLK1)				Prepared &	Analyzed:	04/07/07				
Benzene	ND	5.0	ug/kg							
Toluene	ND	5,0	h							
Ethylbenzene	ND	5.0	н							
Xylenes (total)	ND	5.0	н							
Methyl tert-butyl ether	ND	5.0	D							
Di-isopropyl ether	ND	5.0	U							
Ethyl tert-butyl ether	ND	5,0	0			•				
tert-Amyl methyl ether	ND	5.0	U							
tert-Butyl alcohol	ND	20	"							
1,2-Dichloroethane	ND	5,0	11							
1,2-Dibromoethane (EDB)	ND	5.0	н							
Ethanol	ND	100	н							
Surrogate: Dibromofluoromethane	4.56			5.00		91	70-120			
Surrogate: 1,2-Dichloroethane-d4	4.52		n	5.00		90	66-120			
Surrogate: 4-Bromofluorobenzene	4.64		"	5.00		93	60-120			
Laboratory Control Sample (7D07005-BS1)				Prepared &	k Analyzed	: 04/07/07	•			
Benzene	19.9	5.0	ug/kg	20.0		100	70-140			
Tolucne	20.3	5.0	· u	20.0		102	75-135			
Emylbenzene	20,3	5.0	ji .	20,0		102	75-140			
Xylenes (total)	60.5	. 5.0	и	60.0		101	75-145			
Methyl tert-butyl ether	20.8	5.0	"	20,0		104	75-130			
Di-isopropyl ether	20.3	5,0	н	20.0		102	60-135			
Ethyl tert-butyl ether	19.7	5.0	п	20.0		98	70-125			
tert-Amyl methyl ether	19.2	5.0	o	20.0		96	65-140			
tert-Butyl alcohol	402	20	0	400		100	75-130			
1,2-Dichloroethane	18,7	5.0	и	20.0		94	75-130			
1,2-Dibromoethane (EDB)	20.4	5.0	н	20.0		102	70-145			
Ethanol	437	100	и	400		109	50-150			
Surrogate: Dibromofluoromethane	4.66		н	5.00		93	70-120			
Surrogate: 1,2-Dichloroethane-d4	4.62		н	5.00		92	66-120			
Surrogate: 4-Bromofluorobenzene	4.74		"	5,00		95	60-120			





175 Bernal Rd. Suite 200 San Jose CA, 95119 Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X

Project Manager: Lee Dooley

MQD0015 Reported: 04/17/07 21:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

		Reporting		Spike	Source	WREC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Result	Limît	Units	Level	Result	%REC	Emilis	K(D	Lillik	110103
Batch 7D07005 - EPA 5030B P/T / EPA	8260B									
Matrix Spike (7D07005-MS1)	Source: MQ	Prepared & Analyzed: 04/07/07								
Benzene	23.0	5.0	ug/kg	20.0	ND	115	70-140			
Toluene	23,6	5.0	U	20.0	ND	118	75-135			
Ethylbenzene	21.9	5,0	0	20.0	ND	110	75-140			
Xylenes (total)	65.2	5.0	"	60.0	ИБ	109	75-145			
Methyl tert-butyl other	67.9	5.0	н	20.0	38	150	75-130			MI
Di-isopropyl ether	24.0	5,0	н	20.0	ND	120	60-135			
Ethyl tert-butyl ether	23.0	5,0	w.	20.0	ND	115	70-125			
tert-Amyl methyl other	22.5	5.0	0	20.0	ИD	112	65-140			
tert-Butyl alcohol	458	20	11	400	37	105	75-130			
1,2-Dichloroethane	21.4	5,0	н	20.0	ND	107	75-130			
1,2-Dibromoethane (EDB)	22.3	5,0		20.0	ND	112	70-145			a
Ethanol	610	100	"	400	ND	152	50-150			C, M7
Surrogute: Dibromofluoromethane	1.58		и	5.00		32	70-120			$Z\lambda$
Surrogate: 1,2-Dichloroethane-d4	4.54		"	5.00		91	66-120			
Surrogate: 4-Bromofluorobenzene	4.94		,,	5.00		99	60-120			
Matrix Spike Dup (7D07005-MSD1)	Source: MQD0018-01			Prepared & Analyzed: 04/07/07						
Benzene	20,6	5.0	ug/kg	20.0	ND	103	70-140	11	25	
Toluene	22.1	5.0	υ.	20.0	ND	110	75-135	7	25	
Ethylbenzene	19.4	5.0		20.0	ND	97	75-140	12	30	
Xylenes (total)	60.9	5.0	H	60,0	ND	102	75-145	7	30	•
Methyl tert-butyl ether	67,5	5.0	н	20.0	38	148	75-130	0.6	25	М
Di-isopropyl ether	18.4	5.0	11	20.0	ND	92	60-135	26	40	
Ethyl tert-butyl ether	19.5	5.0	u	20.0	ND	98	70-125	16	30	
tert-Amyl methyl ether	19.8	5.0	11	20.0	ND	99	65-140	13	25	
tert-Butyl alcohol	426	20		400	37	97	75-130	7	25	
1,2-Dichloroethane	18.3	5.0	D.	20.0	ND	92	75-130	16	25	
1,2-Dibromoethauc (EDB)	22.0	5.0	o	20.0	ND	110	70-145	i	30	
Ethanol	426	100	11	400	ND	106	50-150	36	30	R2, (
Surrogate: Dibromofluoromethane	0.860		ρ	5,00		17	70-120			Z
Surrogate: 1,2-Dichloroethane-d-l	4.06		и	5.00		81	66-120			
thurogue, 1,2-23emoroemme ar	4.66		,,	5.00		93	60-120			





175 Bernal Rd. Suite 200 San Jose CA, 95119 Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X Project Manager: Lee Dooley MQD0015 Reported: 04/17/07 21:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7D09015 - EPA 5030B P/T / EPA 826	i0B			***************************************						,
Blank (7D09015-BLK1)				Prepared: 0	04/09/07 Ai	nalyzed: 04	/10/07			
Benzene	ND	5.0	ug/kg							
Toluene	ND	5.0	п							
Ethylbenzene	ND	5.0	н							
Xylenes (total)	ND	5.0	ч							
Methyl tert-butyl ether	ND	5.0	н							
Di-isopropyl ether	ND	5.0	н							
Ethyl tert-butyl ether	ND	5,0	h							
ert-Amyl methyl ether	ND	5.0	"							
ert-Butyl alcohol	ND	20	ø							
,2-Dichforoethane	ND	5.0	U							
,2-Dibromoethane (EDB)	ND	5.0	O							
Ethanol	ND	100	D							
arrogate: Dibromofluoromethane	4.62		п	5.00		92	70-120			
hirrogate: 1,2-Dichloroethane-d4	4.56		n	5.00		91	66-120			
Surrogate: 4-Bromofluorobenzene	4.56		u	5.00		91	60-120			
aboratory Control Sample (7D09015-BS1)				Prepared: 0	4/09/07 Aı	nalyzed: 04	/10/07			
Benzene	19.9	5.0	ug/kg	20.0		100	70-140			
°oluene	20.2	5.0	h	20.0		101	75-135			
Ethylbenzene	20.4	5.0	н	20.0		102	75-140			
Cylenes (total)	60.0	5.0	"	60.0		100	75-145			
Methyl tert-butyl ether	20.9	5.0	'n	20,0		104	75-130			
Di-isopropyl ether	22.0	5.0	n	20.0		110	60-135			
Ethyl tert-butyl ether	20,3	5.0	н	20.0		102	70-125			
ert-Amyl methyl other	19.4	5.0	"	20.0		97	65-140			
ert-Butyl alcohol	410	20	н	400		102	75-130			
,2-Dichloroethane	19.7	5.0	н	20,0		98	75-130			
,2-Dibromoethane (EDB)	20.5	5.0	н	20.0		102	70-145			
Ethanol	523	100	и	400		131	50-150			
Surrogate: Dibromofluoromethane	4.92		μ	5,00		98	70-120			
Surrogate: 1,2-Dichloroethane-d4	4.82		p	5.00		96	66-120			
Surrogate: 4-Bromofluorobenzene	4.88		u	5.00		98	60-120			





175 Bernal Rd, Suite 200 San Jose CA, 95119

Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X Project Manager: Lee Dooley

MQD0015

Reportedi 04/17/07 21:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPÐ Limit	Notes
Batch 7D09015 - EPA 5030B P/T / EPA									-	
Matrix Spike (7D09015-MS1)	Source; MQ	D0015-02		Prepared: 0)4/09/07 Ar	nalyzed: 04	/10/07			
Benzene	20.0	5.0	ug/kg	20.0	ND	100	70-140			
Toluene	19.5	5.0	11	20.0	ND	98	75-135			
Ethylbenzene	20.1	5.0	0	20,0	ND	100	75-140			
Xylenes (total)	58.9	5.0	tr	60.0	ND	98	75-145			
Methyl tert-butyl other	19.5	5.0	n	20.0	0.76	94	75-130			
Di-isopropyl ether	20,1	5.0	н	20.0	ND	100	60-135			
Ethyl tert-butyl ether	18,4	5.0	н	20.0	ND	92	70-125			
tert-Amyl methyl ether	17.7	5.0	н	20.0	ND	88	65-140			
tert-Butyl alcohol	403	20	11	400	ND	101	75-130			
1,2-Dichloroethane	17.4	5.0	11	20.0	ND	87	75-130			
1,2-Dibromoethaue (EDB)	18,3	5.0	ij	20.0	ND	92	70-145			
Ethanol	476	100	D	400	ND	119	50-150		-	
Surrogate: Dibromofluoromethane	4.64		п	5.00		93	70-120			
Surrogate: 1,2-Dichloroethane-d4	4.36		n	5.00		87	66-120			
Surrogate: 4-Bromofluorobenzene	4.80		ρ	5.00		96	60-120			
Matrix Spike Dup (7D09015-MSD1)	Source: MQ	D0015-02		Prepared: 0	14/09/07 An	nalyzed: 04	/10/07			
Вепхепе	. 20.1	5.0	ug/kg	20.0	ND	100	70-140	0.5	25	
Toluene	19.7	5.0	4	20.0	ИD	98	75-135	1	25	
Ethylbenzene	19,8	5.0	ø	20,0	ND	99	75-140	2	30	
Xylenes (total)	58.7	5.0	U	60.0	ND	98	75-145	0.3	30	
Methyl tert-butyl ether	20,4	5.0	6	20.0	0.76	98	75-130	5	25	
Di-isopropyl ether	20,2	5.0	IP.	20,0	ND	101	60-135	0.5	40	
Ethyl tert-butyl ether	19.1	5.0	п	20,0	ND	96	70-125	4	30	
tert-Amyl methyl ether	18.3	5.0	H	20,0	ND	92	65-140	3	25	
ert-Butyl alcohol	390	20	н	400	ND	98	75-130	3	25	
1,2-Dichloroethane	17.9	5.0	u	20.0	ND	90	75-130	3	25	
1,2-Dibromoethane (EDB)	19.3	5.0	"	20.0	ND	96	70-145	5	30	
Ethanol	526	100	н	400	ND	132	50-150	10	30	
Surrogate: Dibromofluoromethane	4.70		n	5.00		94	70-120			
Surrogate: 1,2-Dichloroethane-d4	4.28		"	5.00		86	66-120			
Surrogate: 4-Bromofluorobenzene	4.84		ø	5.00		97	60-120			





175 Bernal Rd. Suite 200 San Jose CA, 95119 Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X Project Manager: Lee Dooley MQD0015 Reported: 04/17/07 21:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7D10010 - EPA 5030B P/T / EP/	X 8260B						-			
Blank (7D10010-BLK1)	:		1 111111111	Prepared &	: Analyzed:	04/10/07				
Benzene	ND	5.0	ug/kg							
Toluene	ND	5.0	н							
Ethylbenzene	ND	5.0								
Xylenes (total)	ND	5,0	н							
Methyl tert-butyl ether	ND	5,0	H							
Di-isopropyl ether	ND	5.0	IP							
Ethyl tert-butyl ether	ND	5.0	H		.*					
tert-Amyl methyl ether	ND	5.0	II?							
tert-Butyl alcohol	ND	20	н							
1,2-Dichloroethane	ND	5.0	н							
1,2-Dibromoethane (EDB)	ND	5.0	н							
Ethanol	ND	100	н							<u> </u>
Surrogate: Dibromofluoromethane	5.20		n	5.00		104	70-120			•
Surrogate: 1,2-Dichloroethane-d4	5.02		n	5.00		100	66-120			
Surrogate: 4-Bromofluorobenzene	4.70		В	5.00		94	60-120			
Laboratory Control Sample (7D10010-BS1)			Prepared &	Analyzed:	04/10/07				
Benzene	. 21.1	5.0	ug/kg	20.0	-	106	70-140			
Foluene	21,0	5,0	п - с.	20.0		105	75-135			
Ethylbenzene	21,9	5,0	D	20.0		110	75-140			
Xylenes (total)	67.9	5.0	D.	60.0		113	75-145			
Methyl tert-butyl ether	23.7	5.0	D	20.0		118	75-130			
Di-isopropyl ether	20.5	5.0	. 0	20.0		102	60-135			
Ethyl tert-butyl other	21,4	5,0	O	20.0		107	70-125			
tert-Amyl methyl ether	23,8	5.0	"	20,0		119	65-140			
tert-Butyl alcohol	370	- 20	U	400	* *	92	75-130			
1,2-Dichloroethane	20.6	5.0	ø	20.0		103	75-130			
1,2-Dibromoethane (EDB)	23.1	5.0	U	20.0		116	70-145			
Ethanol	236	100	. 11	400		59	50-150			
Surrogate: Dibromofluoromethane	5.40		11	5.00		108	70-120			-
Surrogate: 1,2-Dichloroethane-d4	5.20		n	5.00		104	66-120			
Surrogate: 4-Bromofluorobenzene	5.06		u	5.00		101	60-120			





175 Bernal Rd. Suite 200 San Jose CA, 95119 Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X
Project Manager: Lee Dooley

MQD0015 Reported: 04/17/07 21:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7D10010 - EPA 5030B P/T / EPA	8260B									
Matrix Spike (7D10010-MS1)	Source: MQ	D0015-26		Prepared &	ż Analyzed:	04/10/07				***************************************
Benzene	22.2	5.0	ug/kg	20,0	ND	111	70-140			
Tohiene	22.4	5.0	н	20.0	ND	112	75-135			
Ethylbenzene	23,2	5.0	n	20.0	ND	116	75-140			
Kylenes (total)	72,7	5.0	н	60.0	ND	121	75-145			
Methyl tert-butyl ether	31,8	5.0	μ	20.0	26	29	75-130			
Di-isopropyl ether	22.6	5.0	μ	20.0	ND	113	60-135			
Ethyl tert-butyl ether	22,2	5.0	11	20.0	ЙD	111	70-125			
ert-Amyl methyl ether	23.5	5.0	11	20,0	ND	118	65-140			
ert-Butyl alcohol	401	20	11	400	12	97	75-130			
,2-Dichloroethane	21.1	5,0	9	20,0	ND	106	75-130			
,2-Dibromoethane (EDB)	22.5	5,0	"	20,0	ND	112	70-145			
Ethanol	326	100	"	400	ND	82	50-150			
urrogate: Dibromofluoromethane	5,06		н	5.00		101	70-120			
urrogate: 1,2-Dichloroethane-d4	5.10		n	5.00		102	66-120			
urrogate: 4-Bromofluorobenzene	5.00		n	5.00		100	60-120			
Aatrix Spike Dup (7D10010-MSD1)	Source: MQ	D0015-26		Prepared &	Analyzed:	04/10/07				
enzene	22.6	5.0	ug/kg	20,0	ND	113	70-140	2	25	
oluene	22.7	5.0	0	20.0	ND	114	75-135	1	25	
thylbenzene	23.7	5.0	0	20.0	ND	118	75-140	2	30	
(Iylenes (total)	73.0	5,0	۹.	60,0	ND	122	75-145	0.4	30	
Aethyl tert-butyl ether	37.3	5,0		20.0	26	56	75-130	16	25	
Di-isopropyl ether	23,3	5.0	u	20.0	ND	116	60-135	3	40	
Ethyl tert-butyl ether	23.5	5,0	u	20,0	ND	118	70-125	6	30	
ert-Amyl methyl ether	25.1	5.0	ø	20.0	ND	126	65-140	7	25	
ert-Butyl alcohol	410	20	0	400	12	100	75-130	2	25	
,2-Dichloroethane	22.5	5,0	u	20,0	ND	112	75-130	6	25	
,2-Dibromoethane (EDB)	24.5	5.0	a	20.0	ND	122	70-145	9	30	
3thanol	328	100	"	400	NĐ	82	50-150	0.6	30	
Surrogate: Dibromofluoromethane	5,28		R	5.00		106	70-120			
Surrogate: 1,2-Dichloroethane-d4	5.34		11	5.00		107	66-120			
Surrogate: 4-Bromofluorohenzene	4.88		"	5.00		98	60-120			





175 Bernal Rd. Suite 200 San Jose CA, 95119 Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X Project Manager: Lee Dooley MQD0015 Reported: 04/17/07 21:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

		Reporting		Spike	Source	WBEG	%REC	DDD	RPD Limit	Notes
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	PHR	ivoles
Batch 7D10013 - EPA 5030B/5035A MeOH	/ EPA 8260B									
Blank (7D10013-BLK1)				Prepared &	Analyzed:	04/10/07				
Benzene	ND	50	ug/kg							
Toluene	ND	50	O							
Ethylbenzene	ND	50	U							
Kylenes (total)	ND	50	0							
Nethyl tert-butyl ether	ND	25	0							
Di-isopropyl ether	ND	25	0							
Ethyl tert-butyl ether	ND	25	11							
ert-Amyl methyl ether	ND	25	11							
ert-Butyl alcohol	ND	5000	11							
1,2-Dichloroethane	ND	25	ŧ							
1,2-Dibromoethane (EDB)	ND	25	U							
Ethanol	ND	10000	9							
urrogate: Dibromofluoromethane	2.16		u	2.50		86	70-120			
Surrogate: 1,2-Dichloroethane-d4	2.22		"	2.50		89	66-120			
Surrogate: Toluene-d8	2.32		"	2.50		93	75-120			
Surrogate: 4-Bromofluorobenzene	2.33		v	2.50		93	60-120			
Laboratory Control Sample (7D10013-BS1)				Prepared &	Analyzed:	04/10/07				
Benzene	1010	50	ug/kg	1000		101	70-140			
roluene	1070	50	н	1000		107	75-135			
Ethylbenzene	1060	50		1000		106	75-140			
Xylenes (total)	3250	50	н	3000		108	75-145			
Methyl tert-butyl ether	1060	25		1000		106	75-130			
Di-isopropyl ether	1120	25	tr.	1000		112	60-135			
Ethyl tert-butyl ether	1030	25	U	1000		103	70-125			
ert-Amyl methyl ether	1000	25	0	1000		100	65-140			
ert-Butyl alcohol	21000	5000	0	20000		105	75-130			
1,2-Dichlorocthane	958	25	n	1000		96	75-130			
,2-Dibromoethane (EDB)	982	25	11	1000		98	70-145			
Ethanol	26600	10000	н	20000		133	50-150			
Surrogate: Dibromofluoromethane	2.30		v	2.50		92	70-120			
Surrogate: 1,2-Dichloroethane-d4	2.27		,,	2.50		91	66-120			
Surrogate: Toluene-d8	2.41		u	2.50		96	75-120			
Surrogate: 4-Bromofluorobenzene	2.35		n	2.50		94	60-120			





175 Bernal Rd. Suite 200 San Jose CA, 95119 Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X
Project Manager: Lee Dooley

MQD0015 Reported: 04/17/07 21:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

		Reporting		Spike	Source		%REC		RPD	
nalyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
atch 7D10013 - EPA 5030B/5035A M	1eOH / EPA 8260B								<u> </u>	
aboratory Control Sample Dup (7D1001				Prepared &	Analyzed:	04/10/07				
denzene	1030	50	ug/kg	1000		103	70-140	2	25	
'oluene	1080	50	11	1000		108	75-135	0.9	25	
Onjene Chylbenzene	1080	50	11	1000		108	75-140	2	30	
(ylenes (total)	3290	50	ö	3000		110	75-145	1	30	
	1130	25	н	1000		113	75-130	6	25	
Methyl tert-butyl ether	1160	25	η	1000		116	60-135	4	40	
Di-isopropyl ether	1080	25	u	1000		108	70-125	5	30	
Ethyl tert-butyl ether	1070	25	н	1000		107	65-140	7 ·	25	
ert-Amyl methyl other	21400	5000	fi	20000	-	107	75-130	2	25	
ert-Butyl alcohol	970	25	σ	1000		97	75-130	1	25	
,2-Dichloroethane	1040	25	н	1000		104	70-145	6	30	
1,2-Dibromoethane (EDB)	26700	10000	D	20000		134	50-150	0.4	30 .	
Ethanol				2.50		92	70-120			
Surrogate: Dibromofluoromethane	2.30		,,	2.50		89	66-120			
Surrogate: 1,2-Dichloroethane-d4	2.22		,,	2.50		95	75-120			
Surrogate: Toluene-d8	2.38		u	2.50		96	60-120			
Surrogate: 4-Bromofluorobenzene	2.39			2.30		70	00.12			
Batch 7D11009 - EPA 5030B P/T / EI	PA 8260B									
Blank (7D11009-BLK1)				Prepared &	& Analyzed	1: 04/11/07				
Benzene	ND	5.0	ug/kg							
Toluene	ND	5.0	11							
Ethylbenzene	ND	5.0	н							
Xylenes (total)	ND	5.0	ø							
Methyl tert-butyl ether	ND	5.0	μ							
Di-isopropyl ether	•		11							
	ND	5.0								
Ethyl tert-butyl ether	ND ND	5.0	11							
Ethyl tert-butyl ether tert-Amyl methyl ether			11 D							
tert-Amyl methyl ether	ND	5.0								
tert-Amyl methyl ether tert-Butyl alcohol	ND ND	5.0 5.0	n							
tert-Amyl methyl ether tert-Butyl alcohol 1,2-Dichloroethaue	ND ND ND	5.0 5.0 20	B 0							
tert-Amyl methyl ether tert-Butyl alcohol 1,2-Dichloroethane 1,2-Dibromoethane (EDB)	ND ND ND ND	5.0 5.0 20 5.0	D O H							
tert-Amyl methyl ether tert-Butyl alcohol 1,2-Dichloroethane 1,2-Dibromoethane (EDB) Ethanol	ND ND ND ND ND	5.0 5.0 20 5.0 5.0	D O H D	5.00		104	70-120			
tert-Amyl methyl ether tert-Butyl alcohol 1,2-Dichloroethane 1,2-Dibromoethane (EDB)	ND ND ND ND ND	5.0 5.0 20 5.0 5.0	D O H U	5.00 5.00		104 108	70-120 66-120 60-120			

885 Jarvis Drive Morgan Hill, CA 95037 (408) 776-9600 FAX (408) 782-6308 www.testamericainc.com



Delta Environmental Consultants [Shell]

175 Bernal Rd. Suite 200 San Jose CA, 95119 Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X

Project Manager: Lee Dooley

MQD0015 Reported: 04/17/07 21:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

	•	Reporting		Spike	Source	A/1919G	%REC	RPD	RPD Limit	Notes
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	KFD	Littiii	110003
Batch 7D11009 - EPA 5030B P/T / EPA 820	50B									
Laboratory Control Sample (7D11009-BS1)				Prepared &	Analyzed					
Benzenc	22.3	5.0	ng/kg	20.0		112	70-140		•	
Coluene	22,8	5.0		20.0		1,14	75-135			
Ethylbenzene	22.7	5.0	U	20.0		114	75-140			
Kylenes (total)	68,4	5.0	11	60.0		114	75-145			
Methyl tert-butyl other	23.9	5,0	н	20.0		120	75-130			
Di-isopropyl ether	23.6	5.0	U	20.0		118	60-135			
Ethyl tert-butyl ether	23.8	5.0	0.7	20.0		119	70-125		•	
ert-Amyl methyl ether	23,9	5,0		20.0		120	65-140	•		
ert-Butyl alcohol	432	20	n '	400	•	108	75-130			
,2-Dichloroethane	23.6	5.0	ü	20.0		118	75-130			
,2-Dibromoethane (EDB)	24.6	5.0	н	20.0		123	70-145			
Ethanol	475	100	11	400		119	50-150			
Surrogate: Dibromofluoromethane	5.36		н	5.00		107	70-120			
Surrogate: 1,2-Dichloroethane-d4	5.20		u	5.00		104	66-120			
Surrogate: 1,2-151cmorbemanc-u- Surrogate: 4-Bromofluorobenzene	5.10		"	5.00		102	60-120			
_	Source: MQ	D0015-30		Prepared &	. Analyzed	l: 04/11/07				
Matrix Spike (7D11009-MS1)	20,4	5.0	ug/kg	20.0	ND	102	70-140			
Benzene	20.4	5.0	n,	20.0	ND	104	75-135			
Toluene		5.0	-	20.0	ND	104	75-140			
Ethylbenzene	20.9	5.0		60,0	ND	104	75-145		:	
Xylenes (total)	62.5	5.0	U	20.0	.0.54	107	75-130			
Methyl tert-butyl ether	21.9	5.0	н	20.0	ND	107	60-135			
Di-isopropyl ether	21.4	5.0	11	20.0	ND	108	70-125			
Ethyl tert-butyl ether	21.6	5.0	0	20.0	ND	106	65-140			
tert-Amyl methyl ether	21.3		н	400	ND	102	75-130			
tert-Butyl alcohol	408	20	0	20.0	ND	106	75-130			
1,2-Dichloroethane	21.2	5.0	11	20.0	ND	109	70-145			
1,2-Dibromoethane (EDB)	21.8	5.0		400	ND	110	50-150			
Ethanol	442					`				
Surrogate: Dibromofluoromethane	5.36		n	5.00		107	70-120			
Surrogate: 1,2-Dichloroethane-d4	5.12		11	5.00		102	66-120			
Surrogate: 4-Bromofluorobenzene	5.10	•	"	5,00		102	60-120			





175 Bernal Rd. Suite 200 San Jose CA, 95119 Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X

Project Manager: Lee Dooley

MQD0015 Reported:

04/17/07 21:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica - Morgan Hill, CA

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 7D11009 - EPA 5030B P/T / EPA	A 8260B									
Matrix Spike Dup (7D11009-MSD1)	Source: MQD	0015-30		Prepared &	Analyzed:	04/11/07				
Benzene	21.7	5.0	ug/kg	20.0	ND	108	70-140	6	25	
Tolnene	22.5	5.0	11	20.0	ND	112	75-135	7	25	
Ethylbenzene	22.4	5.0	v	20.0	ND	112	75-140	7	30	
Xylenes (total)	67.4	5.0	ø	60.0	ND	112	75-145	8	30	
Methyl tert-butyl ether	22.4	5.0	0	20,0	0.54	109	75-130	2	25	
Di-isopropyt ether	22.8	5.0	v	20.0	ND	114	60-135	6	40	
Ethyl tert-butyl ether	22,6	5.0	u	20.0	ND	113	70-125	5	30	
tert-Amyl methyl ether	22.3	5.0	a	20,0	ND	112	65-140	5	25	
tert-Butyl alcohol	451	20	D	400	ND	113	75-130	10	25	
1,2-Dichloroethane	22.0	5,0	D	20.0	ND	110	75-130	4	25	
1,2-Dibromoethane (EDB)	22.3	5,0	U	20.0	ND	112	70-145	2	30	
Ethanol	471	100	P	400	ND	118	50-150	6	30	
Surrogate: Dibromofluoromethane	5.26		н	5.00		105	70-120			
Surrogate: 1,2-Dichloroethane-d4	5.14		н	5.00		103	66-120			
Surrogate: 4-Bromofluorobenzene	5.06		н	5.00		101	60-120			



885 Jarvis Drive Morgan Hill, CA 95037 (408) 776-9600 FAX (408) 782-6308 www.testamericainc.com

Delta Environmental Consultants [Shell]

Project: 4226 1st Street, Pleasanton

MQD0015

175 Bernal Rd. Suite 200

Project Number: SJ42-26F-X

Reported: 04/17/07 21:11

San Jose CA, 95119

Project Manager: Lee Dooley

Notes and Definitions

ZX Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

R2 The RPD exceeded the acceptance limit.

QP Hydrocarbon result partly due to individual peak(s) in quantitation range.

MHA Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See

Blank Spike (LCS).

M7 The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).

M1 The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).

C Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified

NR Not Reported

dry

Sample results reported on a dry weight basis

RPD Relative Percent Difference

LAB: Test America TA - Irvine, California					• •	3H	EL	L (Cha	ain	0	f (Cus	sto	dy	r R	ec	or	d							
☑ TA - Morgan Hill, California	NAME OF PERS	ON TO	BILL:		Denis I			•												YT #	<i>(</i> ES	ON	Y			
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PROJECT CONTACT (Hardcopy or PDF R	opert to):					Jon :	Suing								626-	256-6	662			<u>Jsuir</u>	a@d	eltae	nv.co			S942-26F-X
Lee Dooley TELEPHONE	FAX:	E-MAIL:			·- · · · · · · · · · · · · · · · · · ·	SA	WPL	ERI	MAV	E(S) ((Prin	t):												f	USE 0	
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Lee Dooley						SA	MPE	ER I	NAME	E(S)	(Prin	t):													USE	DNLY		
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TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: SHELL STADE REC. BY (PRINT) WORKORDER: MQDCO15 CIRCLE THE APPROPRIATE RESPONSE		DATE REC'D AT LAB: TIME REC'D AT LAB: DATE LOGGED IN:	03-30-0 18.03 4-2-0	7			DRINKING WASTE WA	
CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE#	CLIENT ID	CONTAINER DESCRIPTION		рН	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
Custody Seal(s) Present / Museum					******			
intact / Broken*					***************************************			
2. Chain-of-Custody (Mesent / Absent*					·····			
3. Traffic Reports or	.]		-					
Packing List Present / Absent		*						
4. Airbill: Airbill / Sticker		-						
Present / (beent		5	• • • · · · · · · · · · · · · · · · · ·	**** - / : 4-1- : ************				
5. Airbill #								
6. Sample Labels: Present Absent							· · · · · · · · · · · · · · · · · · ·	
7. Sample IDs: Listed / Not Listed								
on Chain-of-Custody				6			·	
8. Sample Condition: (Intact/ Broken* /				25				
Leaking*			් තී		***********			
9. Does information on chain-of-custody,			1 who					
traffic reports and sample labels		and the state of t	N-7				i	N 40 d
agree? (Yes) No*			8 /					
10. Sample received within			0					
hold time? Yes/ No*					`			
11. Adequate sample volume								
received? (Yes/ No*				-				
12. Proper preservatives used? (Yes / No*				-				
13. Trip Blank / Temp Blank Received?								3 25
(circle which, if yes) Yes / (No)					************			
14. Read Temp: 3-6								100
Corrected Temp: 3.6								
Is corrected temp 4 +1-2°C? YES No**								
(Acceptance range for samples requiring thermal pres.)								
**Exception (if any): METALS / DFF ON ICE								
or Problem COC								

SRL Revision 8
Replaces Rev 7 (07/19/05)
Effective 09/13/06

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

Page of 1





18 April, 2007

Lee Dooley Delta Environmental Consultants [Shell] 175 Bernal Rd. Suite 200 San Jose, CA 95119

RE: 4226 1st Street, Pleasanton

Work Order: MQD0016

Enclosed are the results of analyses for samples received by the laboratory on 03/30/07 18:05. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa Allen For Leticia Reyes

Shere aller

Project Manager

CA ELAP Certificate # 1210

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

The report shall not be reproduced except in full, without the written approval of the laboratory. The client also agrees not to alter any reports whether in the hard copy or electronic format and to use reasonable efforts to preserve the reports in the form and substance originally provided by TestAmerica.

The reported results were obtained in compliance with the 2003 NELAC standards unless otherwise noted.



885 Jarvis Drive Morgan Hill, CA 95037 (408) 776-9600 FAX (408) 782-6308 www.testamericainc.com

Delta Environmental Consultants [Shell]

175 Bernal Rd. Suite 200 San Jose CA, 95119 Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X Project Manager: Lee Dooley MQD0016

Reported: 04/18/07 21:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Comp A-D	MQD0016-01	Soil	03/29/07 10:30	03/30/07 18:05





175 Bernal Rd. Suite 200

San Jose CA, 95119

Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X

Project Manager: Lee Dooley

MQD0016

Reported: 04/18/07 21:47

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Comp A-D (MQD0016-01) Soil Sampled:)3/29/07 10:30 Rec	eived: 03/30/0)7 18:05 						
Gasoline Range Organics (C4-C12)	ND	100	ug/kg	1	7D11009	04/11/07	04/11/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		104 %	66-12	20	"	n	P	a	
Surrogate: 4-Bromofluorobenzene		98 %	60-12	20	n	n	H	n	
Surrogate: Dibromofluoromethane		103 %	70-12	20	"	n	"	υ	
Surrogate: Toluene-d8		100 %	75-12	20	u	n	н	υ	





175 Bernal Rd. Suite 200

Project: 4226 1st Street, Pleasanton

MQD0016

San Jose CA, 95119

Project Number: SJ42-26F-X Project Manager: Lee Dooley

Reported: 04/18/07 21:47

Total Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Comp A-D (MQD0016-01) Soil	Sampled: 03/29/07 10:30	Received: 03/30/0	07 18:05						
Lead	12	5.0	mg/kg	1	7D10043	04/10/07	04/17/07	EPA 6010B	





175 Bernal Rd. Suite 200 San Jose CA, 95119 Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X

Project Manager: Lee Dooley

MQD0016 Reported: 04/18/07 21:47

Volatile Organic Compounds by EPA Method 8260B

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Comp A-D (MQD0016-01) Soil	Sampled: 03/29/07 10:30	Received: 03/30/0	7 18:05						
Benzene	ND	5.0	ug/kg	1	7D11009	04/11/07	04/11/07	EPA 8260B	
Ethylbenzene	ND	5.0	O	0	11	II .	h	o	
Toluene	ND	5.0	ır	II.	0	11	11	tt	
Xylenes (total)	ND	5.0	н	н	0	и	Ø	II.	
Surrogate: Dibromofluoromethan	2	103 %	70-	120	"	"	n	н	
Surrogate: 1,2-Dichloroethane-d4	1	104 %	66-	120	н	v	н	п	
Surrogate: Toluene-d8		100 %	75-	120	n	0	н	a	
Surrogate: 4-Bromofluorobenzene	·	98 %	60-	120	"	n	"	ρ	





175 Bernal Rd. Suite 200 San Jose CA, 95119

Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X Project Manager: Lee Dooley

MQD0016 Reported: 04/18/07 21:47

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control TestAmerica - Morgan Hill, CA

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
1.0.101.1000000										

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 7D11009 - EPA 5030B P/T / LU	FT GCMS	·								
Blank (7D11009-BLK1)				Prepared &	Analyzed:	04/11/07				
Gasoline Range Organics (C4-C12)	ND	100	սց/kg							
Surrogate: 1,2-Dichloroethane-d4	5.38		н	5,00		108	66-120			
Surrogate: 4-Bromofluorobenzene	5.14		u	5.00		103	60-120			
Surrogate: Dibromofluoromethane	5.18		Ω	5.00		104	70-120			
Surrogate: Toluene-d8	5.02		и	5.00		100	75-120			
Laboratory Control Sample (7D11009-BS	2)			Prepared &	Analyzed:	04/11/07				
Gasoline Range Organics (C4-C12)	853	100	ug/kg	1000		85	45-135			
Surrogate: 1,2-Dichloroethane-d4	5.56		n	5.00		111	66-120			
Surrogate: 4-Bromofluorobenzene	5.10		u	5.00		102	60-120			
Surrogate: Dibromofluoromethane	5.34		"	5.00		107	70-120			
Surrogate: Toluene-d8	5.22		"	5.00		104	75-120			
Laboratory Control Sample Dup (7D1100)	D-BSD2)			Prepared &	: Analyzed:	04/11/07				
Gasoline Range Organics (C4-C12)	906	100	ug/kg	1000		91	45-135	6	40	
Surrogate: 1,2-Dichloroethane-d4	5.34		n	5.00		107	66-120			
Surrogate: 4-Bromofluorobenzene	5.32		n	5.00		106	60-120			
Surrogate: Dibromofluoromethane	5.26		n	5.00		105	70-120			
Surrogate: Toluene-d8	5.18		0	5.00		104	75-120			





175 Bernal Rd. Suite 200

San Jose CA, 95119

Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X

Project Manager: Lee Dooley

MQD0016

Reported:

04/18/07 21:47

Total Metals by EPA 6000/7000 Series Methods - Quality Control

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	I.evel	Result	%REC	Limits	RPD	Limit	Notes
Batch 7D10043 - EPA 3050B / EPA 6010B							over-			
Blank (7D10043-BLK1)				Prepared: (04/10/07 A	nalyzed: 04	1/17/07			
Lead	ND	5,0	mg/kg							
Laboratory Control Sample (7D10043-BS1)				Prepared: (04/10/07 A	natyzed: 04	/17/07			
Lead	47.2	5.0	mg/kg	50,0		94	80-115			
Matrix Spike (7D10043-MS1)	Source: MQ	C0958-02		Prepared: (04/10/07 A	nalyzed: 04	/17/07			
Lead	178	25	mg/kg	50,0	240	0	80-115			М7
Matrix Spike Dup (7D10043-MSD1)	Source: MQ	C0958-02		Prepared: (04/10/07 A	nalyzed: 04	/17/07			
Lead	194	25	mg/kg	50.0	240	0	80-115	9	35	M7





175 Bernal Rd. Suite 200 San Jose CA, 95119 Project: 4226 1st Street, Pleasanton

Project Number: SJ42-26F-X
Project Manager: Lee Dooley

MQD0016 Reported: 04/18/07 21:47

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7D11009 - EPA 5030B P/T / EPA 8	260B									
Blank (7D11009-BLK1)				Prepared &	k Analyzed:	04/11/07				
Benzene	ND	5.0	ug/kg	-						
Ethylbenzene	ND	5.0	ti .							
Toluene	ND	5.0	0							
Xylenes (total)	ND	5.0	U							
Surrogate: Dibromofluoromethane	5.18		н	5,00		104	70-120			
Surrogate: 1,2-Dichloroethane-d4	5.38		н	5.00		108	66-120			
Surrogate: Toluenc-d8	5.02		н	5.00		100	75-120			
Surrogate: 4-Bromofluorobenzene	5.14		n	. 5.00		103	60-120			
Laboratory Control Sample (7D11009-BS1)				Prepared &	Analyzed:	04/11/07				
Benzene	22.3	5.0	ug/kg	20.0		112	70-140			
Ethylbenzene	22.7	5.0	н	20.0		114	75-140			
Toluene	22.8	5.0	h	20.0		114	75-135			
Xylenes (total)	68.4	5.0	11	60.0		114	75-145			
Surrogate: Dibromofluoromethane	5.36		и	5.00		107	70-120			
Surrogate: 1,2-Dichloroethane-d4	5.20		H	5.00		104	66-120			
Surrogate: Toluene-d8	5.04		H	5.00		101	75-120			
Surrogate: 4-Bromofluorobenzene	5.10		"	5.00		102	60-120			
Matrix Spike (7D11009-MS1)	Source: MQ	D0015-30		Prepared &	Analyzed:	04/11/07				
Велгене	20.4	5.0	ug/kg	20.0	ND	102	70-140			
Ethylbenzene	20,9	5.0	II:	20.0	ИD	104	75-140			
Tolucne	20.9	5.0	н	20.0	ИD	104	75-135			
Xylenes (total)	62,5	5.0	H	60.0	ND	104	75-145			
Surrogate: Dibromofluoromethane	5.36		o	5.00		107	70-120			
Surrogate: 1,2-Dichloroethane-d4	5.12		п	5.00		102	66-120			
Surrogate: Toluene-d8	5.18		"	5.00		104	75-120			
Surrogate: 4-Bromofluorobenzene	5.10		n	5.00		102	60-120			





Project: 4226 1st Street, Pleasanton

MQD0016

175 Bernal Rd. Suite 200

Project Number: SJ42-26F-X

Reported: 04/18/07 21:47

San Jose CA, 95119

Project Manager: Lee Dooley

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7D11009 - EPA 5030B P/T / EPA	8260B									
Matrix Spike Dup (7D11009-MSD1)	Source: MQI	00015-30		Prepared &	Analyzed:	04/11/07				
Benzene	21.7	5.0	ug/kg	20.0	ND	108	70-140	6	25	
Ethylbenzene	22.4	5.0	н	20.0	ND	112	75-140	7	30	
Toluene	22.5	5.0	н	20.0	ND	112	75-135	7	25	
Xylenes (total)	67.4	5.0	н	60.0	ND	112	75-145	8	30	
Surrogate: Dibromofluoromethane	5,26		0	5.00		105	70-120			
Surrogate: 1,2-Dichloroethane-d4	5.14		u	5.00		103	66-120			
Surrogate: Toluene-d8	5.18		<i>a</i> .	5.00		104	75-120			•
Surrogate: 4-Bromofluorobenzene	5.06		v	5.00		101	60-120			



885 Jarvis Drive Morgan Hill, CA 95037 (408) 776-9600 FAX (408) 782-6308 www.testamericainc.com

Delta Environmental Consultants [Shell]

175 Bernal Rd. Suite 200

San Jose CA, 95119

Project: 4226 1st Street, Pleasanton
Project Number: SJ42-26F-X
Project Manager: Lee Dooley

MQD0016 Reported: 04/18/07 21:47

Notes and Definitions

M7 The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LAB: Test America					5	ξH.	FI	1 (Cha	ain	n	f (111	eto	dv	R	മറ	Or:	ď								
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Lee Dooley TELEPHONE	FAX:	EMAIL				S/	UVIPI	EK i	MAVI	=(S) ·	(Prin	t):													18ETA		
408-826-1880	408-225-8506	idooley@	deltaen	v.com		Ar	dy P	ersio															(Ų	(00)	0016)	
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Please email results apersio@	deitaenv.com and idooley	@deltzem	r,com			Gas, Purgeable (8260B)	<u>8</u>	(ac	tes (0B)	<u>~</u>	<u>a</u>	(a)	<u>a</u>	280E	£	608	3016) II (6010	(601		0			
Total lead as per Shell's stand	lard disposal protocol					3as,)jes	826	ena TBA	(826	2801	3260	826	826	A (8	260	(82	101	otor	60.1) uo	ead		ĕ			
:: PAB::1	Identification	SAMI	TIME	MATRIX	NO. OF	H-H-T	TPH - Diesel, Extractable (8015M)	BTEX (8260B)	6 Oxygenates (8260B) (MTBE, TBA, DIPE, TAMI	WTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8280B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TPH-motor oil (8016M)	TDS (160.1)	Total Iron (6010B)	Total Lead (6010B)		Total Oil and Grease (1964A)	ΤĒ	MPERATURE ON REC	CEIPT C*
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										_								***************************************								05/02/06 Revision	

TEST AMERICA SAMPLE RECEIPT LOG

	SHOLL STAD Blavim MQDOOLLO		DATE REC'D AT LAB: TIME REC'D AT LAB: DATE LOGGED IN:	03-30-0 18:03 4-2-0	7		and the second s		atory Purposes? WATER YES / NO ATER YES / NO
CIRCLE THE APPRO	PRIATE RESPONSE	LAB SAMPLE#	CLIENT ID	CONTAINER DESCRIPTION		рΗ	SAMPLE	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / Absent	*				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	19975113070	SHIME LED	
	Intact / Broken*							·	
2. Chain-of-Custody	(Present / Absent*								
3. Traffic Reports or									
Packing List:	Present / Absent								
4. Airbiil:	Airbill / Sticker		-						/
	Present / (bsent		Te						
5. Airbill #				·		***************************************			
6. Sample Labels:	Rresent/ Absent							/	
7. Sample IDs:	Listed / Not Listed								
	on Chain-of-Custody	· ·							
8. Sample Condition: (Intact/I Broken* /								
	Leaking*				- 00	<u></u>			
9. Does information on			a naka magamatan da kata kata da kata da kata da kata da kata da kata da kata da kata da kata da kata da kata d B	Bhoul	3/				
traffic reports and s	ample labels			100					
agree?	Yes) No*			BAN					
Sample received within	/ - 1								
hold time?	Yes No*					```			
 Adequate sample volu 	me CO								
received?	(Yes/No*								
12. Proper preservatives u			-						
13. Trip Blank / Temp Blan				<u> </u>					1 2
(circle which, if yes)	Yes/(No)								
14. Read Temp:	3.6								
Corrected Temp:	3.6								
Is corrected lemp 4 +/	-2"C? YES No"								
(Acceptance range for samples rec	hapa (hemer bies')		-						
**Exception (if any): MET.	ALS / DEFIONICE			 					
or Problem COC	`	/							
		*IF CIPC	LED CONTACT PRO IFC		BESSELDESSE	SANSA AND			

SRL Revision 0 Replaces Rev 7 (07/19/05) ~Sive 09/13/06 IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

Page _____ol _____

Attachment F

PUMPING TEST DATA



Delta Consultants, Inc.

175 Bernal Road San Jose, California

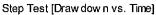
Phone: (800) 477-7411

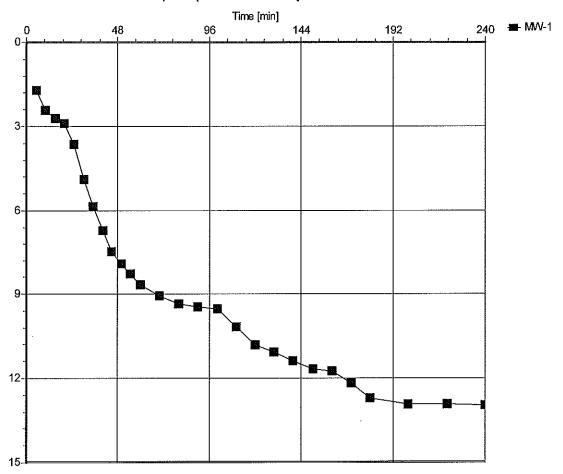
Pumping Test Analysis Report

Project: 4226 First St.

Number: SJ422-6FI1-X

Client: Shell Oil Products US





Pumping Test:

Drawdown [ft]

Step Test

Analysis Method:

Drawdown vs. Time

Test parameters:

Pumping Well:

MW-1

Aquifer Thickness:

20 [ft]

Casing radius:

0.083 [ft]

Screen length:

20 [ft]

Boring radius:

0.33 [ft]

Discharge Rate:

0.47572917 [U.S. gal/min]

Comments:

Evaluated by:

RLD

Evaluation Date:

6/25/2007

Pumping Test Data Report Delta Consultants, Inc. Project: 4226 First St. 175 Bernal Road Number: SJ422-6FI1-X San Jose, California Phone: (800) 477-7411 Client: Shell Oil Products US Page 1 Data observed at: MW-1 **Pumping Test:** Step Test Distance from PW: 0 [ft] Pumping Well: MW-1 Depth to Static WL: xxx Casing radius: 0.083 [ft] Location: Pleasaton, California Boring radius: 0.33 [ft] 20 [ft] Recorded by: ΑD Screen length: 12/20/2007 Aquifer Thickness: 20 [ft] Date: Discharge Rate: [U.S. gal/min] Time [min] 0.25 20 1 2 0.33 90 0.50 3 160 240 0.55 4

DELTA

Delta Consultants, Inc.

175 Bernal Road San Jose, California

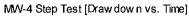
Phone: (800) 477-7411

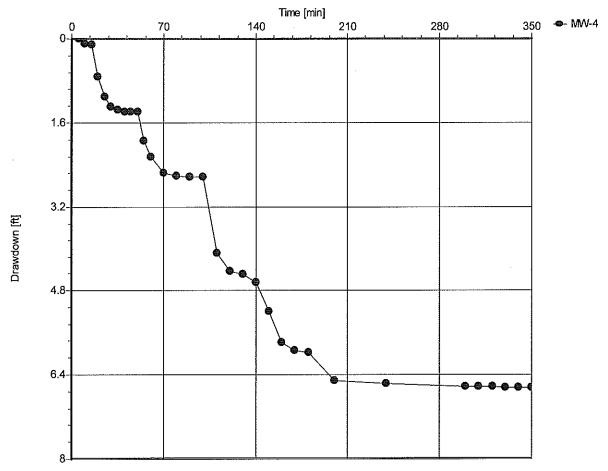
Pumping Test Analysis Report

Project: 4226 First St.

Number: SJ422-6FI1-X

Client: Shell Oil Products US





Pumping Test:

MW-4 Step Test

Analysis Method:

Drawdown vs. Time

Test parameters:

Pumping Well:

MW-4

Aquifer Thickness:

20 [ft]

Casing radius:

0.17 [ft]

Screen length:

10 [ft]

Boring radius:

0.4 [ft]

Discharge Rate:

0.27875 [U.S. gal/min]

Comments:

Evaluated by:

LD

Evaluation Date:

6/15/2007

Pumping Test Data Report Delta Consultants, Inc. Project: 4226 First St. 175 Bernal Road Number: SJ422-6FI1-X San Jose, California Phone: (800) 477-7411 Client: Shell Oil Products US Page 1 **Pumping Test:** MW-4 Step Test Data observed at: MW-4 Pumping Well: MW-4 Distance from PW: 0 [ft] 0.17 [ft] Depth to Static WL: xxx Casing radius: Boring radius: 0.4 [ft] Pleasaton, California Location: Screen length: 10 [ft] Recorded by: ΑD Aquifer Thickness: 20 [ft] 6/6/2007 Date: Discharge Rate: [U.S. gal/min] Time [min] 0.10 0 1 20 0.15 2 0.20 3 55 0.25 4 110

0.30

0.40

0.00

150

200

201

5

6

7

DELTA

Delta Consultants, Inc.

175 Bernal Road San Jose, California

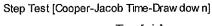
Phone: (800) 477-7411

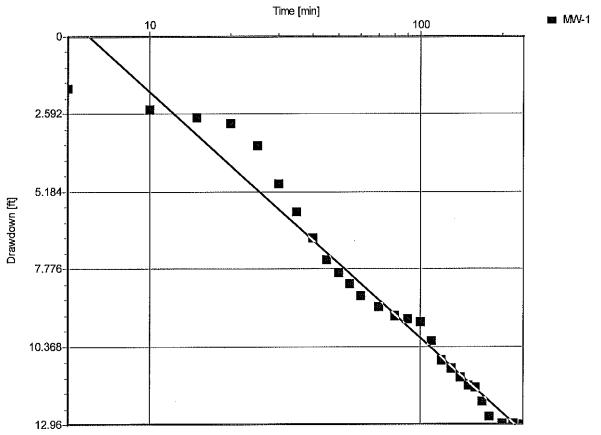
Pumping Test Analysis Report

Project: 4226 First St.

NumberSJ422-6FI1-X

Client: Shell Oil Products US





Pumping Test:

Step Test

Analysis Method:

Cooper-Jacob Time-Drawdown

Analysis Results:

Transmissivity:

2.19E-2 [cm²/s]

Conductivity:

3.59E-5 [cm/s]

Test parameters:

Pumping Well:

MW-1

Aquifer Thickness:

20 [ft]

Casing radius:

0.083 [ft]

Confined Aquifer

Screen length:

20 [ft]

Boring radius:

0.33 [ft]

Discharge Rate:

0.47572917 [U.S. gal/min]

Comments:

Evaluated by:

LD

Evaluation Date:

6/7/2007

DELTA

Delta Consultants, Inc.

175 Bernal Road San Jose, California

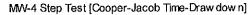
Phone: (800) 477-7411

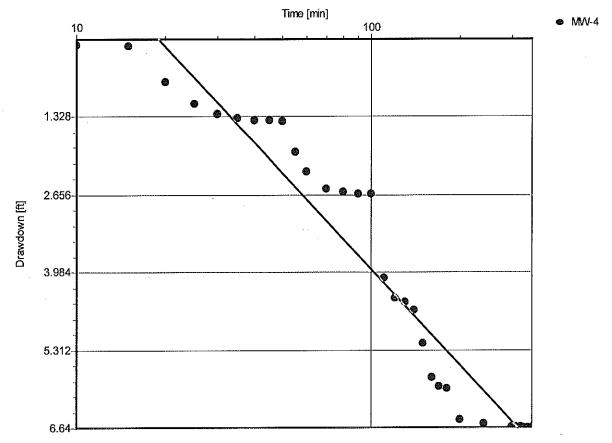
Pumping Test Analysis Report

Project: 4226 First St.

NumberSJ422-6FI1-X

Client: Shell Oil Products US





Pumping Test:

MW-4 Step Test

Analysis Method:

Cooper-Jacob Time-Drawdown

Analysis Results:

Transmissivity:

1.94E-2 [cm²/s]

Conductivity:

3.17E-5 [cm/s]

Test parameters:

Pumping Well:

MW-4

Aquifer Thickness:

20 [ft]

Casing radius:

0.17 [ft]

Confined Aquifer

Screen length:

10 [ft]

Boring radius:

0.4 [ft]

Discharge Rate:

0.27875 [U.S. gal/min]

Comments:

Evaluated by:

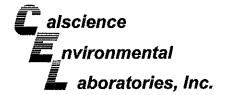
LD

Evaluation Date:

6/12/2007

Attachment G

CERTIFIED ANALYTICAL REPORT AND CHAIN OF CUSTODY DOCUMENTATION WATER





June 15, 2007

Lee Dooley
Delta Environmental Consultants, Inc.
175 Bernal Road, Suite 200
San Jose, CA 95119-1343

Subject:

Calscience Work Order No.:

Client Reference:

07-06-0723

4212 First St, Pleasanton, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 6/11/2007 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.

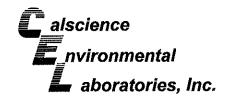
If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental

Laboratories, Inc.

Don Burley Project Manager





Delta Environmental Consultants, Inc. 175 Bernal Road, Suite 200 San Jose, CA 95119-1343 Date Received: Work Order No: Preparation: Method: 06/11/07 07-06-0723 EPA 5030B EPA 8015B (M)

Project: 4212 First St, Pleasanton, CA

Page 1 of 2

Project, 4212 Prist St, Pr	easanton, CA							ago i oi a
Client Sample Number		Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
MW-4 (14:00)		07-06-0723-1	06/06/07	Aqueous	GC 29	06/12/07	06/12/07	070612B02
Parameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	2600	500	10		ug/L			
Surrogates;	REC (%)	Control Limits		Qual				
1,4-Bromofluorobenzene	88	38-134						
MW-4 (18:30)		07-06-0723-2	06/06/07	Aqueous	GC 29	06/12/07	06/12/07	070612B02
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	4400	500	10		ug/L			
Surrogates:	REC (%)	Control Limits		Qual				
1,4-Bromofluorobenzene	82	38-134						
MW-1 (13:00)		07-06-0723-3	06/07/07	Aqueous	GC 29	06/12/07	06/12/07	070612B02
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	860	250	5		ug/L			
Surrogates:	REC (%)	Control Limits		Qual				
1,4-Bromofluorobenzene	95	38-134						
MW-1 (17:20)		07-06-0723-4	06/07/07	Aqueous	GC 29	06/12/07	06/12/07	070612B02
<u>Parameter</u>	Result	RL	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	680	250	5		ug/L			
Surrogates:	<u>REC (%)</u>	Control Limits		Qual				
1,4-Bromofluorobenzene	70	38-134						

RL - Reporting Limit ,

DF - Dilution Factor ,

Qual - Qualifiers





Delta Environmental Consultants, Inc. 175 Bernal Road, Suite 200

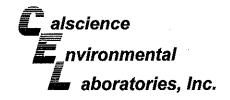
San Jose, CA 95119-1343

Date Received: Work Order No: Preparation: Method: 06/11/07 07-06-0723 EPA 5030B EPA 8015B (M)

Project: 4212 First St, Pleasanton, CA

Page 2 of 2

Date Collected N/A	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
N/A					
	Aqueous	GC 29	06/12/07	06/12/07	070612B02
<u>DF</u>	Qual	<u>Units</u>			
1		ug/L			
	Qual				
	<u>DF</u> 1	1	1 ug/L	1 ug/L	1 ug/L





Delta Environmental Consultants, Inc.

175 Bernal Road, Suite 200

San Jose, CA 95119-1343

Date Received:

Work Order No:

Preparation: Method:

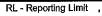
Units:

06/11/07 07-06-0723

EPA 5030B

EPA 8260B ua/L

•						Units:						ug/L	
Project: 4212 First St.	Pleasanto	n, CA								P	age	1 of 2	
Client Sample Number			Lab Sa Num	•		Date Collected	Matrix	Instrument	Date Prepared	Date Analyz	~	C Batch I	ID
MW-4 (14:00)			07-06	-0723-1		06/06/07	Aqueous	GC/MS CC	06/13/07	06/13/	07 07	0613L01	<u> </u>
		. 1451			_ 41 1	uni kutu ni	if formal on		h a H III Alaa		,,,		
` '	e evaluated to the						L, ir tound; ar	e qualified wi		RL	MDL	DF (Она
<u>Parameter</u>	Result	<u>RL</u>	MDL	_	<u>Qual</u>	Parameter			Result			100	gua
Benzene	ND	50	19	100 100		o-Xylene	.4.1 545 /84		ND		17 23	100	
Ethylbenzene 	ND	100	13	100			utyl Ether (M ⁻		19000		23 920	100	
Toluene	ND	100	23	100		i ert-Butyi	Alcohol (TBA)	8200	1000	920	100	
p/m-Xylene	30 REC (%)	100 Control	27		J Qual	Surrogates			REC (%)	Control Li	mite	(Qua
Surrogates:	• •		LIIIIIS		Quai	——————————————————————————————————————	-			74-146	IIIG	2	gua
Dibromofluoromethane	103	74-140					roethane-d4	_	110	74-146			
Toluene-d8	102	88-112		····		•	fluorobenzen		98				_
MW-4 (18:30)			07-06	-0723-2		06/06/07	Aqueous	GC/MS CC	06/13/07	06/13/	07 07	0613L01	
Comment(s): -Results were	e evaluated to the	e MDL, co	ncentrati	ions >= t	o the l	MDL but < RI	L, if found, ar	e qualified wit	h a "J" flag.				
Parameter	Result	RL	MDL.			Parameter				RL.	<u>MDL</u>	DF (Qua
Benzene	57	50	19	100		o-Xylene	•		ND -	100	17	100	•
Ethylbenzene	23	100	13	100	J	-	utyl Ether (M	CBE)	15000		23	100	
Toluene	ND 23	100	23	100	v	•	Alcohol (TBA	•	6600		920	100	
p/m-Xylene	150	100	27	100		1 Oit Baily		,	0000				
Surrogates:	REC (%)	Control			Qual	Surrogates			REC (%)	Control Lin	<u>nits</u>	9	Qual
Dibromofluoromethane	105	74-140					roethane-d4		109	74-146			
Toluene-d8	103	88-112				•	fluorobenzen	е	99	74-110			
MW-1 (13:00)			07-06	-0723-3		06/07/07	Aqueous	GC/MS CC	06/13/07	06/13/0	7 07	0613L01	
L													
• •	evaluated to the						, if found, ar	e qualified wil	n a "J" flag. Result	RL	MDL	DF (Oual
<u>Parameter</u>	Result	<u>RL</u>	MDL		Qual	<u>Parameter</u>				•			
Benzene	40	10	3.8	20		o-Xylene			11		3.4	20	J
Ethylbenzene	6.3	20	2.7	20	J	•	utyl Ether (Mi	•	2400		4.5	20 20	
Toluene	ND	20	4.5	20		Tert-Butyl	Alcohol (TBA)	1400	200	180	. 20	
p/m-Xylene	34	20 Control	5.5	20	Ougl	Currogoton	•		REC (%)	Control Li	mite	,	Qual
Surrogates:	REC (%)	Control	Limits		<u>Qual</u>	Surrogates:					HIE	2	과민대
Dibromofluoromethane	103	74-140 88-112				•	roethane-d4 fluorobenzen	•	109 100	74-146 74-110			
Toluene-d8	102	00-112	07.00	0722 4		06/07/07		GC/MS CC	06/13/07		17 N7	0613L01	
MW-1 (17:20)				-0723-4			Aqueous			00/13/0	71 01	OGISEUI	
• •	evaluated to the					MDL but < Rl <u>Parameter</u>	_, if tound, an	e qualified wit		RL	MDL	DF C	Ouel
<u>Parameter</u> -	Result	<u>RL</u>	MDL.		<u>wuai</u>							20	-Krig
Benzene	49	10	3.8	20		o-Xylene	. A. J. 1746 27-47	-D\	15		3.4		·
Ethylbenzene	6.6	20	2.7	20	J		utyl Ether (MI		2200		4.5	20 20	
Toluene	4.8	20	4.5	20	J	rert-Butyl	Alcohol (TBA)	1400	200	180	20	
p/m-Xylene	38	20 Control	5.5 Limita	20	احداد	Ourrenales.			DEC (0/\	Control Lir	nite	,	Qua
Surrogates:	<u>REC (%)</u>	Control	Liffii(S		Qual	Surrogates:					<u>iiilas</u>	7	<u>wud</u>
Dibromofluoromethane	104	74-140				1,2-Dichlor	roethane-d4		110	74-146			
Toluene-d8	103	88-112					fluorobenzen		100	74-110			



DF - Dilution Factor





Delta Environmental Consultants, Inc.

175 Bernal Road, Suite 200

San Jose, CA 95119-1343

Ethylbenzene

Toluene

p/m-Xylene

Surrogates:

Toluene-d8

Dibromofluoromethane

Date Received:

Methyl-t-Butyl Ether (MTBE)

Tert-Butyl Alcohol (TBA)

1,2-Dichloroethane-d4

1,4-Bromofluorobenzene

Surrogates:

Work Order No:

Preparation:

Method:

Units:

06/11/07

07-06-0723

EPA 5030B

EPA 8260B

ug/L

Qual

Page 2 of 2

0.23

9.2

ND

ND

REC (%)

103

101

1.0

74-146

74-110

Control Limits

10

Project: 4212 First St, Pleasanton, CA

ND

ND ND

101

102

REC (%)

1.0

1.0

1.0

74-140

88-112

Control Limits

Client Sample Nu	ımber		Lab Sa Num	•	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank			099-10	0-006-21,719	N/A	Aqueous	GC/MS CC	06/13/07	06/13/07	070613L01
Comment(s):	-Results were evaluated	I to the MDL, c	oncentratio	ons >= to the N	MDL but < R	L, if found, ar	e qualified with	a "J" flag.		
<u>Parameter</u>	<u>Resu</u>	ılt <u>RL</u>	MDL	DF Qual	<u>Parameter</u>			Result	<u>RL M</u>	<u>DE Qual</u>
Benzene	ND	0.50	0.19	1	o-Xylene			ND	1.0 0.1	7 1

1

1

0.13

0.23

0.27

RL - Reporting Limit ,



Quality Control - Spike/Spike Duplicate



Delta Environmental Consultants, Inc. 175 Bernal Road, Suite 200 San Jose, CA 95119-1343 Date Received: Work Order No: Preparation: Method: 06/11/07 07-06-0723 EPA 5030B EPA 8015B (M)

Project 4212 First St, Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared		Date Analyzed	MS/MSD Batch Number
07-06-0767-1	Aqueous	GC 29	06/12/07		06/12/07	070612801
<u>Parameter</u>	MS %REC	MSD %REC	%REC CL	<u>RPD</u>	RPD CL	Qualifiers
TPH as Gasoline	86	70	68-122	21	0-18	4

A RPD - Relati



Quality Control - Spike/Spike Duplicate



0-9

0-12

0-12

0-31

Delta Environmental Consultants, Inc. 175 Bernal Road, Suite 200 San Jose, CA 95119-1343 Date Received: Work Order No: Preparation: Method: 06/11/07 07-06-0723 EPA 5030B EPA 8260B

Project 4212 First St, Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared		Date Analyzed	MS/MSD Batch Number	
07-06-0703-3	Aqueo	is GC/MS CC	06/13/07		06/13/07	070613501	
<u>Parameter</u>	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	. Qualiflers	
Benzene	99	101	88-118	2	0-7		
Carbon Tetrachloride	103	104	67-145	1	0-11		
Chlorobenzene	98	100	88-118	2	0-7		
1,2-Dichlorobenzene	98	99	86-116	1	8-0		
1,1-Dichloroethene	99	100	70-130	1	0-25		
Toluene	101	102	87-123	1	0-8		
Trichloroethene	98	98	79-127	0	0-10		
Vinyl Chloride	95	97	69-129	2	0-13		
Methyl-t-Butyl Ether (MTBE)	102	103	71-131	1	0-13		
Tert-Butyl Alcohol (TBA)	109	110	36-168	1	0-45	0-45	

100

104

102

92

98

101

101

93

81-123

72-126

72-126

53-149

3

1

Diisopropyl Ether (DIPE)

Ethanol

Ethyl-t-Butyl Ether (ETBE)

Tert-Amyl-Methyl Ether (TAME)



Quality Control - LCS/LCS Duplicate



Delta Environmental Consultants, Inc. 175 Bernal Road, Suite 200 San Jose, CA 95119-1343

Date Received: Work Order No: Preparation: Method:

N/A 07-06-0723 **EPA 5030B** EPA 8015B (M)

Project: 4212 First St, Pleasanton, CA

Quality Control Sample ID	Matrix	Matrix Instr			te ared	Da Anal		LCS/LCSD Batc Number	h
099-12-436-557	Aqueous	G	C 29	06/12	2/07	06/13	3/07	070612B02	
<u>Parameter</u>	LCS %	<u>6REC</u>	LCSD (%REC	<u>%RI</u>	C CL	RPD	RPD CL	<u>Qualifiers</u>
TPH as Gasoline	117	,	114		78	-120	2	0-10	

RPD - Relative Percent Difference,



Quality Control - LCS/LCS Duplicate



Delta Environmental Consultants, Inc. 175 Bernal Road, Suite 200 San Jose, CA 95119-1343

Date Received: Work Order No: Preparation: Method:

N/A 07-06-0723 **EPA 5030B EPA 8260B**

Project: 4212 First St, Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	_	ate lyzed	LCS/LCSD Bate Number	ch
099-10-006-21,719	Aqueous	GC/MS CC	06/13/07	06/1	3/07	070613L01	
					222	DBD OI	O 155
<u>Parameter</u>	LCS %RE	C LCSD %	REC 2	<u>&REC CL</u>	RPD	RPD CL	Qualifiers
Benzene	100	101		84-120	1	8-0	
Carbon Tetrachloride	102	102		63-147	1	0-10	
Chlorobenzene	99	101		89-119	1	0-7	
1,2-Dichlorobenzene	100	100		89-119	1	0-9	
1,1-Dichloroethene	98	99		77-125	0	0-16	
Toluene	100	101		83-125	1	0-9	
Trichloroethene	98	99		89-119	1	0-8	
Vinyl Chloride	95	96		63-135	1	0-13	
Methyl-t-Butyl Ether (MTBE)	97	100		82-118	3	0-13	
Tert-Butyl Alcohol (TBA)	110	117		46-154	6	0-32	
Diisopropyl Ether (DIPE)	97	98		81-123	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	87	89		74-122	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	88	88		76-124	0	0-10	
Ethanol	114	119		60-138	4	0-32	



Glossary of Terms and Qualifiers



Work Order Number: 07-06-0723

Qualifier	<u>Definition</u>
*	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 or Matrix Spike Duplicate 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.
Α	Result is the average of all dilutions, as defined by the method.
В	Analyte was present in the associated method blank.
С	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
Н	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.
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.
Χ	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

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LAB USE CINEY	Field Sample	Identification	DATE	PLING	MATREX	NO, OF CONT.	TPH-	TPH - Diesel, Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAM	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TPH-motor oil (8015M)	TDS (160.1)	Total Iron (6010B)	Copper (200.8)	Nickel (200.8)	Zinc (200.8)	Naphthalene	TEMPERATURE ON RECEIPT C°
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																											05/02/06 Revision



WORK ORDER #: **07** - 0 6 - 0 7 2 3

Cooler _____ of ____

SAMPLE RECEIPT FORM

CLIENT: Delta	DATE: 6/11/07
TEMPERATURE - SAMPLES RECEIVED BY:	,
CALSCIENCE COURIER: Chilled, cooler with temperature blank provided. Chilled, cooler without temperature blank. Chilled and placed in cooler with wet ice. Ambient and placed in cooler with wet ice. Ambient temperature.	LABORATORY (Other than Calscience Courier): O C Temperature blank. O C IR thermometer. Ambient temperature.
°C Temperature blank.	Initial:
CUSTODY SEAL INTACT:	
Sample(s); Cooler: No (Not in	ntact): Not Present: Initial:
SAMPLE CONDITION:	
Chain-Of-Custody document(s) received with samples	
COMMENTS:	