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

DELTA

**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 µg/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 µg/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

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.

**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 $3.17 \times 10^{-5}$ 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 $3.59 \times 10^{-5}$ 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 70 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 13:00 (start)** | **6/7/07 17:20 (end)** |
|---|---|---|
| MTBE | 2,400 | 1,400 |
| TBA | 1,400 | 1,400 |

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.

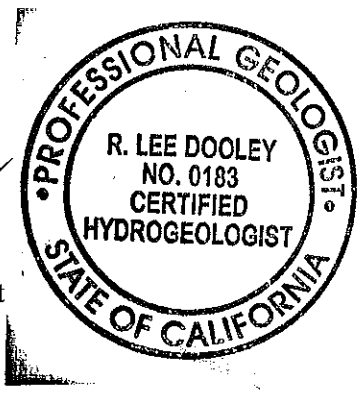
## REMARKS

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

Figure 1 – Site Location Map
Figure 2 – Site Map

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

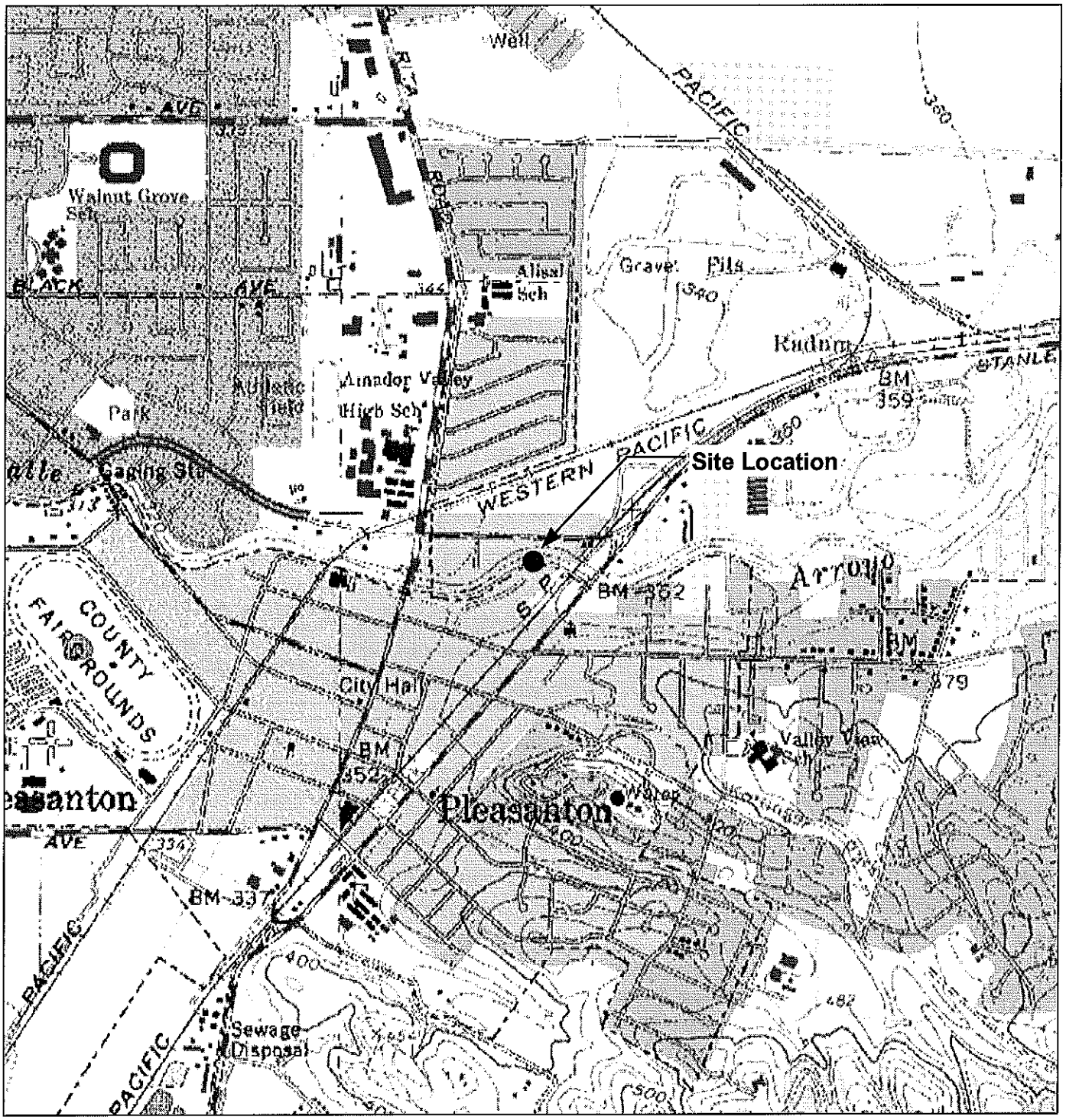
**Table 1**
**Well Construction Details**
Shell-branded Service Station
4226 First Street, Pleasanton, California

| 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**

| Sample Location | Sample Name | Sample Depth (feet) | Sample Date | TPH-g mg/kg | Benzene mg/kg | Ethyl-benzene mg/kg | Toluene mg/kg | Total Xylenes mg/kg | MTBE mg/kg | TBA mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 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** |
| **Environmental Screening Levles** | | | | | | | | | **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




GENERAL NOTES:
Base Map from: DeLorme Yarmouth, ME 04096
Source Data: USGS

North

QUADRANGLE LOCATION

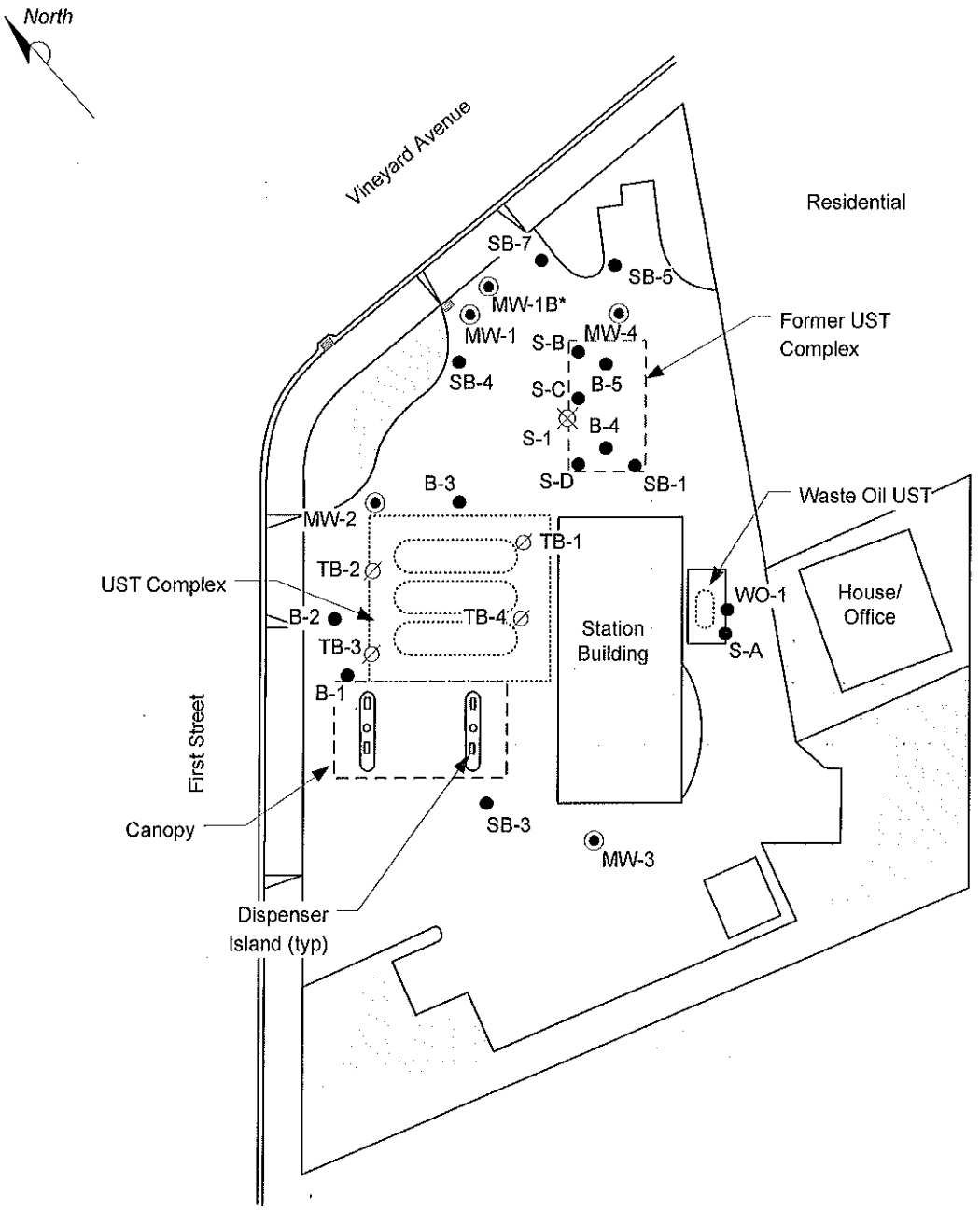
0 1,300 2,600
Scale, Feet

FIGURE 1
SITE LOCATION MAP

SHELL-BRANDED SERVICE STATION
4226 First Street
Pleasanton, California

| | |
|---|---|
| PROJECT NO. SJ42-26F-1.2005 | DRAWN BY V. F. 5/5/05 |
| FILE NO. SJ42-26F-1.2005 | PREPARED BY VF |
| REVISION NO. | REVIEWED BY |

Delta Environmental Consultants, Inc.




**LEGEND**

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

0 40 FT

APPROX. SCALE

FIGURE 2

SITE MAP

SHELL-BRANDED SERVICE STATION
4226 First Street
Pleasanton, California

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

DELTA

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

**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
FAX (510) 337-9335



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

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 25296.10. 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.

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.

**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 Wickham
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

Danielle Stefani
Livermore-Pleasanton Fire Department
3560 Nevada Street
Pleasanton, CA 94566

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

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

| 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 Topics & 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.
      i) Send an e-mail to dehloptoxic@acgov.org
      or
      ii) 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.**

2) 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.
   c) 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.
   e) 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.

3) 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)
   c) 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

# LOG OF EXPLORATORY BORING

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'±

| TORVANE (TSF) | POCKET PENETROMETER (TSF) | PENETRATION (Blows/Ft.) | GROUND WATER LEVELS | DEPTH IN FT. | SAMPLES | LITHOGRAPHIC COLUMN | DESCRIPTION |
|---|---|---|---|---|---|---|---|
| | | | | 0 | | ML / CL | ASPHALT and SAND - Fill<br>GRAVELLY SILT - Fill; black (5Y, 2.5/2); 20% fine to coarse sand; 10% fine gravel; damp; no product odor. |
| | | | | 5 | | | CLAY; light olive brown (2.5Y, 5/6); silty; 10% fine to medium sand; stiff; damp; no product odor. |
| | 4.4 | 88 | | | 1 | | @7': no sand; hard; no product odor. |
| | | | | 10 | | | @10': 20% fine gravel; no product odor. |
| | 1.5 | 21 | | 15 | 2 | | @14': 15-20% fine to medium sand; trace fine gravel; stiff; moist; no product odor. |
| | 5 | 61 | | 20 | 3 | | @18½': brownish yellow (10YR, 6/8); silty; hard; moist; no product odor.<br>BOTTOM OF BORING AT 20 FEET. |
| | | | | 25 | | | |
| | | | | 30 | | | |
| | | | | 35 | | | |
| | | | | 40 | | | |

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.

EMCON ASSOCIATES

PLATE A

# LOG OF EXPLORATORY BORING

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'±

| TORVANE (TSF) | POCKET PENETROMETER (TSF) | PENETRATION (Blows/Ft.) | GROUND WATER LEVELS | DEPTH IN FT. | SAMPLES | LITHOGRAPHIC COLUMN | DESCRIPTION |
|---|---|---|---|---|---|---|---|
| | | | | 0 | | | CONCRETE. |
| | | | | | | SW | SAND - Fill; very dark gray (5Y, 3/1); fine to coarse grained; trace fine gravel; trace fines; loose; damp; strong gasoline odor. |
| | | Push | | 5 | 1 | | |
| | | 2 | | | 2 | | @7': strong gasoline odor. |
| | | | | 10 | | | |
| | | 64 | | | 3 | GC | 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. |
| | 3.6 | 39 | | 15 | 4 | CL | 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. |
| | 2.3 | 41 | | 20 | 5 | | @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. |
| | 0.4 | 50for 6" | | 25 | 6 | | BOTTOM OF BORING AT 24½ FEET. |
| | | | | 30 | | | |
| | | | | 35 | | | |
| | | | | 40 | | | |

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.

EMCON ASSOCIATES

PLATE B

# LOG OF EXPLORATORY BORING

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 PENETROMETER (TSF) | PENETRATION (Blows/Ft.) | GROUND WATER LEVELS | DEPTH IN FT. | SAMPLES | LITHOGRAPHIC COLUMN | DESCRIPTION |
|---|---|---|---|---|---|---|---|
| | | | | 0 | | SW | CONCRETE. SAND - Fill; very dark gray (5Y, 3/1); fine to coarse grained; trace fine gravel; trace fines; damp; strong gasoline odor. |
| | | Push | | 5 | 1 | | |
| | | 2 | | | 2 | | @7': loose; strong gasoline odor. |
| | | | | 10 | | | |
| | 4.3 | 30 | | | 3 | CL | CLAY; olive (5Y, 5/6, 5/3); 20% fine to coarse sand; silty; hard; damp; no gasoline odor. |
| | | 50for 6" | | 15 | 4 | GC | 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 | 19 | | 20 | 5 | CL | CLAY; yellowish brown (10YR, 5/6, 5/8); 35% fine to coarse sand; silty; soft; moist; no gasoline odor. |
| | | 72 | | 25 | 6 | SW ML SC | SAND: olive (5Y, 4/3); fine to coarse grained; 10% fines; medium dense; moist; no gasoline odor. |
| | | 48 | | | 7 | | SANDY SILT; light olive brown (2.5Y, 5/6) 40% fine sand; very stiff; moist; no gasoline odor. |
| | | | | 30 | | | CLAYEY SAND; olive brown (2.5Y, 4/4); fine to coarse grained; 40% clay; dense; moist; faint gasoline odor. |
| | | | | | | | BOTTOM OF BORING AT 28 FEET |
| | | | | 35 | | | |
| | | | | 40 | | | |

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.

EMCON ASSOCIATES

PLATE C

# LOG OF EXPLORATORY BORING

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. 374'±

| TORVANE (TSF) | POCKET PENETROMETER (TSF) | PENETRATION (Blows/Ft.) | GROUND WATER LEVELS | DEPTH IN FT. | SAMPLES | LITHOGRAPHIC COLUMN | DESCRIPTION |
|---|---|---|---|---|---|---|---|
| | | | | 0 | | SW | CONCRETE. |
| | | | | | | | SAND - Fill; very dark gray (5Y, 3/1); fine to coarse grained; 15% fine gravel; trace fines; loose; damp; strong gasoline odor. |
| | | Push | | 5 | 1 | | |
| | | 2 | | | 2 | | @7': strong gasoline odor. |
| | | | | 10 | | | |
| | 4.25 | 37 | | | 3 | CL | CLAY; olive yellow (5Y, 6/8) to olive (5Y, 4/3); 20% fine to coarse sand; silty; hard; damp; faint gasoline odor. |
| | 5 | 44 | | 15 | 4 | | @14': olive (5Y, 4/3); 35% fine to coarse sand; 10% fine gravel; faint gasoline odor. |
| | 2.2 | 22 | | 20 | 5 | | @19': olive (5Y, 4/3); to gray (5Y, 5/1); 20% fine to medium sand; slightly silty; very stiff; damp; faint gasoline odor. |
| | 1.25 | 31 | | | 6 | ML | SANDY SILT; olive (5Y, 4/4); 40% fine sand; slightly clayey; stiff; damp; faint gasoline odor. |
| | | | | 25 | | | BOTTOM OF BORING AT 22½ FEET. |
| | | | | 30 | | | |
| | | | | 35 | | | |
| | | | | 40 | | | |

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.

EMCON ASSOCIATES

PLATE D

# LOG OF EXPLORATORY BORING

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'±

| TORVANE (TSF) | POCKET PENETROMETER (TSF) | PENETRATION (Blows/Ft.) | GROUND WATER LEVELS | DEPTH IN FT. | SAMPLES | LITHOGRAPHIC COLUMN | DESCRIPTION |
|---|---|---|---|---|---|---|---|
| | | | | 0 | | SW<br>SC | ASPHALT and GRAVEL - Fill<br>SAND - Fill; very dark gray (5Y, 3/1); fine to coarse grained; 10% fine gravel; trace fines; damp; moderate gasoline odor. |
| | | | | 5 | | | CLAYEY SAND; very dark gray (5Y, 3/1); fine to coarse grained; damp; moderate gasoline odor. |
| | | | | 10 | | | |
| | 4.25 | 34 | | 15 | 1 | CL | @12½': 10% fine gravel.<br>CLAY; light olive brown (2.5Y, 5/6); 5% fine to coarse sand; silty; hard; damp; faint gasoline odor. |
| | 3.6 | 28 | | 20 | 2 | | @19': 20% fine to coarse sand; silty; very stiff; faint gasoline odor. |
| | | 57 | | 25 | 3 | GC | CLAYEY GRAVEL; olive (5Y, 5/4); fine grained; 35% fine to coarse sand; clayey; very dense; damp; no gasoline odor. |
| | | 60 | | 30 | 4 | | @29': no gasoline odor.<br>BOTTOM OF BORING AT 30½ FEET. |
| | | | | 35 | | | |
| | | | | 40 | | | |

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.

EMCON ASSOCIATES

PLATE E

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** | 4226 First Street, Pleasanton, California | **DRILLING COMPLETED** | 09-Apr-99 |
| **PROJECT NUMBER** | 241-0395 | **WELL DEVELOPMENT DATE (YIELD)** | NA |
| **DRILLER** | Gregg Drilling | **GROUND SURFACE ELEVATION** | 371.83 ft |
| **DRILLING METHOD** | Hollow-stem auger | **TOP OF CASING ELEVATION** | 371.20 ft |
| **BORING DIAMETER** | 8" | **SCREENED INTERVAL** | 37.5 to 57.5 ft bgs |
| **LOGGED BY** | B. Jakub | **DEPTH TO WATER (First Encountered)** | 42.5 ft (08-Apr-99) ▽ |
| **REVIEWED BY** | B. Jakub | **DEPTH TO WATER (Static)** | NA ▼ |

**REMARKS** Hand augered to 5' bgs; located near NW planter/entrance to Shell station on Vineyard and W of SB-7.

| TPHg (mg/kg) | BLOW COUNTS | RECOVERY | SAMPLE ID | EXTENT | DEPTH (ft bgs) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH (ft bgs) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | **ASPHALT.** | 0.3 |
| | | | | | | | | **FILL.** | 1.5 |
| | | | | | | ML | | **Sandy SILT**; (ML); brown (10YR4/3); very soft; wet; 5% clay, 70% silt, 25% fine to medium grained sand; low plasticity; moderate to low estimated permeability. | 4.5 |
| | | | | | 5 | ML | | **SILT**; (ML); dark yellow brown (10YR4/6); stiff; moist; 5% clay, 85% silt, 8% sand, 2% fine grained gravel; low plasticity; low estimated permeability. | 9.7 |
| | | | | | 10 | ML | | **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. | 15.0 |
| <1.0 | 18<br>28<br>30 | | SB-6 -15.5 | | 15 | SP | | **Clayey Gravelly SAND**; (SP); dark greenish gray (5GY4/1); dense; damp; 20% clay, 50% sand, 30% gravel; medium plasticity; low to moderate estimated permeability; wood fragments. | 19.3 |
| <1.0 | 13<br>11<br>20 | | SB-6 - 19.5 | | 20 | ML | | **Sandy SILT with Clay**; (ML); olive (5Y4/3); very stiff; damp; 15% clay, 50% silt, 35% very fine grained sand; low plasticity; moderate to low estimated permeability. | 24.5 |
| <1.0 | 20<br>28<br>30 | | SB-6 - 25.0 | | 25 | SP | | **Gravelly SAND with Silt**; (SP); olive (5Y4/3); dense; damp; 5% clay, 15% silt, 60% fine to medium grained sand, 20% gravel; no plasticity; high to moderate estimated permeability. | 29.0 |
| <1.0 | 40<br>43<br>45 | | SB-6 - 30.0 | | 30 | GP | | **Sandy GRAVEL**; (GP); olive (5Y4/3); very dense; damp; 2% clay, 13% silt, 35% medium grained sand (red grains), 50% fine to coarse, subangular to subrounded gravel (chert); no plasticity; high estimated permeability. | 34.0 |
| | 20<br>35 | | | | 35 | | | **Clayey Gravelly SAND**; (SP); dark yellow brown | |

WELL DIAGRAM: Portland Type I/II; 2" diam., Schedule 40 PVC; Bentonite Seal

WELL LOG (TPH-G) G:\PLE4226\GINT\PLE4226.GPJ DEFAULT.GDT 8/11/99

*Continued Next Page*

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

# BORING/WELL LOG

| | | | |
|---|---|---|---|
| **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*

| TPHg (mg/kg) | BLOW COUNTS | RECOVERY | SAMPLE ID | EXTENT | DEPTH (ft bgs) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH (ft bgs) | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| <1.0 | 50 | | SB-6 - 35.0 | | | | | (10YR4/6); very dense; damp; 20% clay, 10% silt, 40% medium grained sand, 30% fine to coarse grained gravel (sandstone/claystone, serpentinite, some $MnO_2$/Fe staining); low plasticity; moderate to low estimated permeability. | | Monterey Sand #3 |
| | 20 | | | | | | | | | |
| | 45 | | | | | | | | | |
| <1.0 | 50/4 | | SB-6 - 40.0 | | 40 | SP | | | | |
| | 25 | | | | | | | @ 44' - moist to wet. ▽ | | |
| | 45 | | | | | | | | | |
| | 45 | | | | 45 | | | | | |
| | 32 | | | | 50 | | | **Clayey GRAVEL with Silt**; (GC); dark yellow brown (10YR4/6); very dense; moist to wet; 25% clay, 15% silt, 20% fine to coarse grained sand, 40% fine to coarse grained gravel. | 50.0 | 2"-diam., 0.020" Slotted Schedule 40 PVC |
| | 60/6 | | | | | GC | | | | |
| | 15 | | | | 55 | | | **Clayey SILT**; (MH); light olive brown (2.5Y5/4); hard; damp; 25% clay, 75% silt; medium to high plasticity; very low estimated permeability; black $MnO_2$ blebs throughout. | 55.2 | |
| | 40 | | | | | MH | | | | |
| | 50 | | | | | | | | 58.0 | Bottom of Boring @ 58 ft |

WELL LOG (TPH-G) G:\PLE4226\GINT\PLE4226.GPJ DEFAULT.GDT 8/11/99

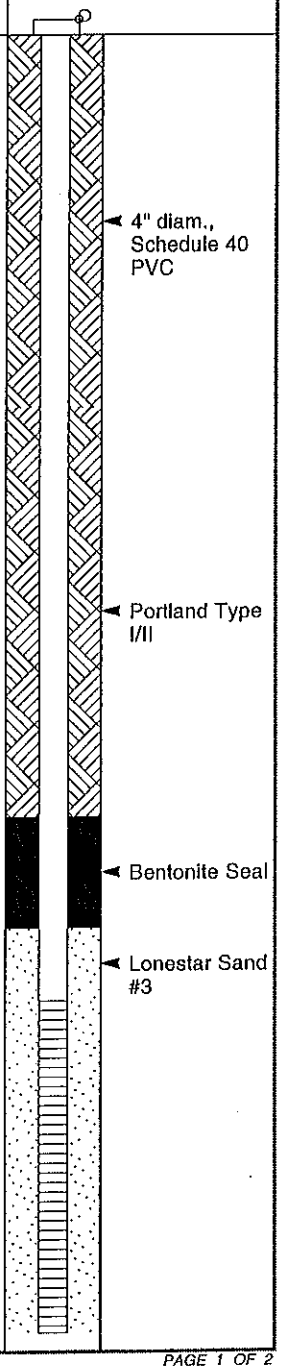
Cambria Environmental Technology, Inc.
1144 - 65th St.
Oakland, CA 94608
Telephone: (510) 420-0700
Fax: (510) 420-9170

# BORING/WELL LOG

| | | | |
|---|---|---|---|
| **CLIENT NAME** | Equiva Services LLC | **BORING/WELL NAME** | MW-2 |
| **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** | 372.65 ft above msl |
| **DRILLING METHOD** | Hollow-stem auger | **TOP OF CASING ELEVATION** | 372.40 ft above msl |
| **BORING DIAMETER** | 8" | **SCREENED INTERVAL** | 26 to 46 ft bgs |
| **LOGGED BY** | B. Jakub | **DEPTH TO WATER (First Encountered)** | 33.0 ft (18-Jan-00) ▽ |
| **REVIEWED BY** | S. Bork, RG# 5620 | **DEPTH TO WATER (Static)** | NA ▼ |
| **REMARKS** | Hand augered to 5' bgs. | | |

| TPHg (ppm) | BLOW COUNTS | SAMPLE ID | EXTENT | DEPTH (ft bgs) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH (ft bgs) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | **ASPHALT.** | 0.5 |
| | | | | | ML | | **Sandy SILT**; (ML); dark brown; soft; damp; 3% clay, 80% silt, 15% fine grained sand, 2% gravel; low plasticity; low to moderate estimated permeability; palm tree roots. | 4.0 |
| | | | | 5 | SM | | **Silty SAND**; (SM); yellow brown; soft; damp; 2% clay, 43% silt, 50% sand, 5% gravel; low plasticity; moderate estimated permeability. | 5.8 |
| <1.0 | | MW-2-6.3' | | | MH | | **Clayey SILT**; (MH); yellow brown; stiff; damp; 38% clay, 50% silt, 2% fine grained sand, 10% fine to coarse, subangular gravel; high plasticity; low estimated permeability. | 6.6 |
| | | | | | SM | | **Silty SAND**; (SM); yellow brown; dense; damp; 2% clay, 40% silt, 50% sand, 8% gravel; no plasticity; high estimated permeability. | 10.0 |
| | | | | 10 | SM | | **Clayey Silty SAND**; (SM); yellow brown; stiff; damp; 15% clay, 30% silt, 50% sand, 5% gravel; low plasticity; moderate estimated permeability. | 11.0 |
| | | | | | SM | | **Silty SAND**; (SM); yellow brown; dense; damp; 2% clay, 40% silt, 50% sand, 8% gravel; no plasticity; high estimated permeability. @ 12.8' - 10% clay, 38% silt, 50% sand, 8% gravel; moderate estimated permeability. | 15.0 |
| | | | | 15 | ML | | **Clayey SILT**; (ML); yellowish brown; stiff; damp; 15% clay, 80% silt, 3% sand, 2% gravel; medium plasticity; low estimated permeability. | 16.5 |
| <1.0 | | MW-2-16.5' | | | SM | | **Gravelly Silty SAND**; (SM); yellow brown; damp; 5% clay, 25% silt, 45% fine to coarse grained sand, 25% gravel to 3/4"; high estimated permeability. | 18.2 |
| | | | | 20 | SM | | **Clayey Silty SAND**; (SM); yellow brown; damp; 15% clay, 25% silt, 50% sand, 10% fine gravel. | 22.0 |
| <1.0 | | MW-2-21.5' | | | GM | | **Sandy Silty GRAVEL**; (GM); yellow brown; damp; 10% clay, 30% silt, 20% sand, 40% fine to coarse gravel; chert to 2". | 26.0 |
| <1.0 | | MW-2-26.0' | | 25 | SM | | **Gravelly Silty SAND**; (SM); very dense; damp; 5% clay, 30% silt, 40% sand, 25% gravel; no to low plasticity; moderate to high estimated permeability. | 30.0 |
| <1.0 | 35<br>50/6<br>38<br>50/6<br>45<br>50/6<br>24 | MW-2-30.5' | | 30 | GM | | **Clayey Sandy Silty GRAVEL**; (GM); dark yellow brown; very dense; damp; 15% clay, 15% silt, 20% sand, 50% fine to coarse gravel; low plasticity; moderate estimated permeability. @ 31.7' - color change to dark greenish gray; chert to 2". ▽ | 33.5 |
| | | | | 35 | | | **Sandy Clayey GRAVEL**; (GC); very dense; wet to saturated; 25% clay, 15% silt, 20% sand, 40% gravel. | |

WELL DIAGRAM




Continued Next Page

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

# BORING/WELL LOG

**CLIENT NAME** Equiva Services LLC
**JOB/SITE NAME** Shell-branded service station
**LOCATION** 4226 First Street, Pleasanton, California
**BORING/WELL NAME** MW-2
**DRILLING STARTED** 18-Jan-00
**DRILLING COMPLETED** 19-Jan-00

*Continued from Previous Page*

| TPHg (ppm) | BLOW COUNTS | SAMPLE ID | EXTENT | DEPTH (ft bgs) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH (ft bgs) | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|
| <1.0 | 50/6<br>40<br>50/6<br>35<br>50/6<br>50/6<br>37<br>50/6<br>28<br>50/6<br>27<br>50/6<br>26<br>50/6<br>12<br>19<br>27 | MW-2-35.0' | | 40<br>45 | GC<br>ML<br>ML<br>ML | | **Sandy Clayey GRAVEL**; (GC); very dense; wet to saturated; 25% clay, 15% silt, 20% sand, 40% gravel.<br>**Sandy Gravelly SILT**; (ML); hard; saturated; 12% clay, 58% silt, 15% sand, 15% gravel; medium plasticity; low estimated permeability.<br>**Sandy Clayey SILT**; (ML); hard; saturated; 15% clay, 60% silt, 15% sand, 10% gravel.<br>**Sandy SILT**; (ML); hard; saturated; 12% clay, 45% silt, 43% fine grained sand; slight plasticity ; low estimated permeability. | 40.3<br>43.5<br>45.0<br>48.0 | 4"-diam., 0.020" Slotted Schedule 40 PVC<br>Bottom of Boring @ 48 ft |

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

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

# BORING/WELL LOG

| | | | |
|---|---|---|---|
| **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 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 ▼ |
| **REMARKS** | Hand augered to 5' bgs. | | |

| TPHg (ppm) | BLOW COUNTS | SAMPLE ID | DEPTH (ft bgs) | U.S.C.S. | LITHOLOGIC DESCRIPTION | CONTACT DEPTH (ft bgs) |
|---|---|---|---|---|---|---|
| | | | 0 | ML | **ASPHALT.** **SILT**; (ML); brown; soft; damp; 2% clay, 90% silt, 7% fine grained sand, 1% gravel; no plasticity; moderate to low estimated permeability. | 0.5 |
| <1.0 | 14, 28, 40 | MW-3-5.0' | 5 | SM | **Silty SAND**; (SM); yellow brown; dense; damp; 2% clay, 43% silt, 55% sand. | 5.3 |
| | | | | | **Clayey SILT**; (ML); yellow brown; hard; wet; 15% clay, 60% silt, 5% sand, 10% fine to coarse, subangular gravel; medium plasticity; low estimated permeability. | 5.8 |
| <1.0 | 26, 50/6 | MW-3-10.5' | 10 | ML | | |
| <1.0 | 42, 50/6 | MW-3-15.5' | 15 | | **Gravelly Silty SAND**; (SM); yellow brown; very dense; 5% clay, 20% silt, 60% fine grained sand, 15% fine, subangular to subrounded gravel. | 15.0 |
| <1.0 | 13, 24, 50/6 | MW-3-20.5' | 20 | SM | @ 22' - silt layer noted by driller. | |
| <1.0 | 12, 22, 30 | MW-3-25.5' | 25 | SM | ▽ **Clayey Silty SAND**; (SM); yellow brown; dense; wet to saturated; 15% clay, 35% silt, 40% fine grained sand, 10% fine to coarse, subangular gravel; low plasticity; low estimated permeability. | 25.0 |
| | 50/6 | | 30 | GM | **Sandy Silty GRAVEL**; (GM); very dense; 5% clay, 30% silt, 25% sand, 40% gravel; low plasticity; moderate estimated permeability. | 30.0 |
| | | | 35 | | | 35.0 |

WELL DIAGRAM

- 4" diam., Schedule 40 PVC
- Portland Type I/II
- Bentonite Seal
- Lonestar Sand #3
- 4"-diam., 0.020" Slotted Schedule 40 PVC

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

*Continued Next Page*

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

# BORING/WELL LOG

| | | | |
|---|---|---|---|
| **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 |

*Continued from Previous Page*

| TPHg (ppm) | BLOW COUNTS | SAMPLE ID | EXTENT | DEPTH (ft bgs) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH (ft bgs) | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|
| | 15<br>38<br>46 | | | | ML | | **SILT**; (ML); light brown; hard; 10% clay, 80% silt, 10% sand; low plasticity; low estimated permeability. | | Bentonite Seal |
| | 15<br>25<br>42 | | | 40 | ML | | **Clayey SILT**; (ML); hard; 20% clay, 70% silt, 10% fine grained sand; medium plasticity; low estimated permeability. | 40.0<br>41.5 | Bottom of Boring @ 41.5 ft |

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

**Delta**
**Environmental Consultants, Inc.**

| | | | | | |
|---|---|---|---|---|---|
| Project No: | SJ42-26F-1 | Client: | Shell Oil Products US | Well No: MW-4 | |
| Logged By: | AP | Location: | 4226 First Street | Page 1 of 3 | |
| Driller: | Gregg | Date Drilled: | 8/24/2006 | Location Map | |
| Drilling Method: | HSA/AK (7') | Hole Diameter: | 12" | Please see site map | |
| Sampling Method: | SS | Hole Depth: | 50' | | |
| Casing Type: | sch 40 PVC | Well Diameter: | 4" | | |
| Slot Size: | 0.01 | Well Depth: | 47' | | |
| Gravel Pack: | #2/12 sand | Casing Stickup: | - | | |
| Elevation | | Northing | | Easting | |

| Well Completion (Backfill / Casing) | Static Water Level | Moisture Content | PID Reading (ppm) | Penetration (blows/6") | Depth (feet) | Sample Recovery | Sample Interval | Soil Type | LITHOLOGY / DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|
| Grout | | | | air knifed & hand augered | 1 | | | AF | ~4" asphalt, ~8" baserock |
| | | | | | 2 | | | | |
| | | | | | 3 | | | | |
| | | | | | 4 | | | | |
| | | | | | 5 | | | | |
| | | | | | 6 | | | | |
| | | | | | 7 | | | | |
| | | | | | 8 | | | | |
| | | dry | 0.1 | 3<br>4<br>5 | 9 | | | SC | **Clayey SAND with Gravel**: dark brown to orangish brown, loose, 60-70% fine to coarse grained sands, 20-30% fines, 10-20% gravels up to 1" diameter |
| | | | | | 10 | | | | |
| | | | | | 11 | | | | |
| | | | | | 12 | | | | |
| | | | | | 13 | | | CL | **Sandy Lean CLAY**: orangish brown, very stiff, 5-10% gravels up to 1" diameter, 35-45% fine grained sands, 50-60% fines, low plasticity |
| | | moist | 7.4 | 6<br>8<br>12 | 14 | | | | |
| | | | | | 15 | | | | |
| | | | | | 16 | | | | |
| | | | | | 17 | | | | |
| | | | | | 18 | | | SC | |
| | | moist | 2 | 7<br>11<br>11 | 19<br>20 | | | | **Clayey SAND**: orangish brown, medium dense, 20-30% fines, 70-80% fine grained sands, trace gravels up to 0.5" diameter, low plasticity |

**Delta**
**Environmental Consultants, Inc.**

| | | | | | |
|---|---|---|---|---|---|
| Project No: | SJ42-26F-1 | Client: | Shell Oil Products US | Well No: MW-4 | |
| Logged By: | AP | Location: | 4226 First Street | Page 2 of 3 | |
| Driller: | Gregg | Date Drilled: | 8/24/2006 | Location Map | |
| Drilling Method: | HSA/AK (7') | Hole Diameter: | 12" | Please see site map | |
| Sampling Method: | SS | Hole Depth: | 50' | | |
| Casing Type: | sch 40 PVC | Well Diameter: | 4" | | |
| Slot Size: | 0.01 | Well Depth: | 47' | | |
| Gravel Pack: | #2/12 sand | Casing Stickup: | - | | |
| Elevation | | Northing | | Easting | |

| Well Completion (Backfill / Casing) | Static Water Level | Moisture Content | PID Reading (ppm) | Penetration (blows/6") | Depth (feet) | Sample Recovery | Sample Interval | Soil Type | LITHOLOGY / DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|
| Grout | | | | | 21 | | | SC | Clayey SAND (cont.) |
| | | | | | 22 | | | | |
| | | | | | 23 | | | | |
| | | moist | 4.1 | 6<br>8<br>9 | 24<br>25 | | | SP-SC | **Poorly Graded SAND with Clay**: brown, medium dense, 5-15% fines, 85-95% fine grained sands |
| | | | | | 26 | | | | |
| | | | | | 27 | | | | |
| | | | | | 28 | | | | |
| | | moist | 7.2 | 11<br>13<br>17 | 29<br>30 | | | SC | **Clayey SAND with Gravel**: brown, medium dense, 20-30% fines, 10-20% gravels up to 0.5" diameter, 50-70% fine to coarse grained sands |
| | | | | | 31 | | | | |
| | | | | | 32 | | | | |
| | | | | | 33 | | | | |
| Bentonite | ▼ | moist | 340 | 10<br>16<br>20 | 34<br>35 | | | CL | **Sandy lean CLAY with Gravel**: brown, hard, 10-20% gravels up to 1" diameter, 20-30% fine grained sands (mostly in small inclusions or lenses), 50-70% fines, low plasticity |
| Sand | | moist | 555 | 12<br>14<br>17 | 36<br>37 | | | | |
| | | | | | 38 | | | | |
| | | moist | 762 | 13<br>17<br>20 | 39<br>40 | | | | (orangish brown w/grey mottling, 15-25% gravels up to 1" diameter, 20-30% fine grained sands, 45-65% fines, low plasticity) |

# Delta

**Environmental Consultants, Inc.**

| | | | | | |
|---|---|---|---|---|---|
| Project No: | SJ42-26F-1 | Client: | Shell Oil Products US | Well No: MW-4 | |
| Logged By: | AP | Location: | 4226 First Street | Page 3 of 3 | |
| Driller: | Gregg | Date Drilled: | 8/24/2006 | Location Map | |
| Drilling Method: | HSA/AK (7') | Hole Diameter: | 12" | Please see site map | |
| Sampling Method: | SS | Hole Depth: | 50' | | |
| Casing Type: | sch 40 PVC | Well Diameter: | 4" | | |
| Slot Size: | 0.01 | Well Depth: | 47' | | |
| Gravel Pack: | #2/12 sand | Casing Stickup: | - | | |
| Elevation | | Northing | | Easting | |

| Well Completion (Backfill / Casing) | Static Water Level | Moisture Content | PID Reading (ppm) | Penetration (blows/6") | Depth (feet) | Sample Recovery | Sample Interval | Soil Type | LITHOLOGY / DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|
| Sand | | | | | 41 | | | CL | sandy lean CLAY w/gravel (cont.) |
| | | | | | 42 | | | | |
| | | | | | 43 | | | | |
| | | moist | 106 | 14<br>17<br>24 | 44 | | | | no grey mottling, 10-20% gravels, 20-30% fine grained sands, 50-70% fines |
| | | | | | 45 | | | | |
| | | | | | 46 | | | | |
| | ▽ | | | | 47 | | | | |
| Bentonite | | | | | 48 | | | CL | sandy lean CLAY: orangish brown, hard, 35-45% fine grained sands, 55-65% fines, low plasticity |
| | | wet | 27 | 11<br>17<br>20 | 49 | | | | |
| | | | | | 50 | | | | Bottom of the boring is at 50 feet bg |
| | | | | | 51 | | | | |
| | | | | | 52 | | | | |
| | | | | | 53 | | | | |
| | | | | | 54 | | | | |
| | | | | | 55 | | | | |
| | | | | | 56 | | | | |
| | | | | | 57 | | | | |
| | | | | | 58 | | | | |
| | | | | | 59 | | | | |
| | | | | | 60 | | | | |

# Delta

**Environmental Consultants, Inc.**

| | | | | |
|---|---|---|---|---|
| Project No: | SJ42-26F-1 | Client: | Shell Oil Products US | Well No: MW-1B |
| Logged By: | AP | Location: | 4226 First Street | Page 1 of 6 |
| Driller: | Gregg | Date Drilled: | 8/23/2006 | |
| Drilling Method: | HSA/AK (7') | Hole Diameter: | 12" | |
| Sampling Method: | SS | Hole Depth: | 108' | |
| Casing Type: | sch 40 PVC | Well Diameter: | 4" | |
| Slot Size: | 0.01 | Well Depth: | 108' | |
| Gravel Pack: | #2/12 sand | Casing Stickup: | - | |
| Elevation | | Northing | | Easting |

Location Map

Please see site map

| Well Completion (Backfill / Casing) | Static Water Level | Moisture Content | PID Reading (ppm) | Penetration (blows/6") | Depth (feet) | Sample Recovery | Sample Interval | Soil Type | LITHOLOGY / DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|
| Grout | | | | air knifed & hand augered | 1 | | | AF | ~4" asphalt, ~8" baserock |
| | | | | | 2 | | | | See Cambria's MW-1 boring log (attached) for soil lithology between 1 and 58.5 feet bg |
| | | | | | 3 | | | | |
| | | | | | 4 | | | | |
| | | | | | 5 | | | | |
| | | | | | 6 | | | | |
| | | | | | 7 | | | | |
| | | | | | 8 | | | | |
| | | | | | 9 | | | | |
| | | | | | 10 | | | | |
| | | | | | 11 | | | | |
| | | | | | 12 | | | | |
| | | | | | 13 | | | | |
| | | | | | 14 | | | | |
| | | | | | 15 | | | | |
| | | | | | 16 | | | | |
| | | | | | 17 | | | | |
| | | | | | 18 | | | | |
| | | | | | 19 | | | | |
| | | | | | 20 | | | | |

# Delta

**Environmental Consultants, Inc.**

| | | | | | |
|---|---|---|---|---|---|
| Project No: | SJ42-26F-1 | Client: | Shell Oil Products US | Well No: MW-1B | |
| Logged By: | AP | Location: | 4226 First Street | Page 2 of 6 | |
| Driller: | Gregg | Date Drilled: | 8/23/2006 | Location Map | |
| Drilling Method: | HSA/AK (7') | Hole Diameter: | 12" | Please see site map | |
| Sampling Method: | SS | Hole Depth: | 108' | | |
| Casing Type: | sch 40 PVC | Well Diameter: | 4" | | |
| Slot Size: | 0.01 | Well Depth: | 108' | | |
| Gravel Pack: | #2/12 sand | Casing Stickup: | - | | |
| Elevation | | Northing | | Easting | |

| Well Completion: Backfill | Well Completion: Casing | Static Water Level | Moisture Content | PID Reading (ppm) | Penetration (blows/6") | Depth (feet) | Sample: Recovery | Sample: Interval | Soil Type | LITHOLOGY / DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|
| Grout | | | | | | 21 | | | | |
| | | | | | | 22 | | | | |
| | | | | | | 23 | | | | |
| | | | | | | 24 | | | | |
| | | | | | | 25 | | | | |
| | | | | | | 26 | | | | |
| | | | | | | 27 | | | | |
| | | | | | | 28 | | | | |
| | | | | | | 29 | | | | |
| | | | | | | 30 | | | | |
| | | | | | | 31 | | | | |
| | | | | | | 32 | | | | |
| | | | | | | 33 | | | | |
| | | | | | | 34 | | | | |
| | | | | | | 35 | | | | |
| | | | | | | 36 | | | | |
| | | | | | | 37 | | | | |
| | | | | | | 38 | | | | |
| | | | | | | 39 | | | | |
| | | | | | | 40 | | | | |

# Delta

**Environmental Consultants, Inc.**

| | | | | | |
|---|---|---|---|---|---|
| Project No: | SJ42-26F-1 | Client: | Shell Oil Products US | Well No: MW-1B | |
| Logged By: | AP | Location: | 4226 First Street | Page 3 of 6 | |
| Driller: | Gregg | Date Drilled: | 8/23/2006 | Location Map | |
| Drilling Method: | HSA/AK (7') | Hole Diameter: | 12" | Please see site map | |
| Sampling Method: | SS | Hole Depth: | 108' | | |
| Casing Type: | sch 40 PVC | Well Diameter: | 4" | | |
| Slot Size: | 0.01 | Well Depth: | 108' | | |
| Gravel Pack: | #2/12 sand | Casing Stickup: | - | | |
| Elevation | | Northing | | Easting | |

| Well Completion (Backfill / Casing) | Static Water Level | Moisture Content | PID Reading (ppm) | Penetration (blows/6") | Depth (feet) | Sample Recovery | Sample Interval | Soil Type | LITHOLOGY / DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|
| Grout | | | | | 41 | | | | |
| | | | | | 42 | | | | |
| | | | | | 43 | | | | |
| | | | | | 44 | | | | |
| | | | | | 45 | | | | |
| | | | | | 46 | | | | |
| | | | | | 47 | | | | |
| | | | | | 48 | | | | |
| | | | | | 49 | | | | |
| | | | | | 50 | | | | |
| | | | | | 51 | | | | |
| | | | | | 52 | | | | |
| | | | | | 53 | | | | |
| | | | | | 54 | | | | |
| | | | | | 55 | | | | |
| | | | | | 56 | | | | |
| | | | | | 57 | | | | |
| | | | | | 58 | | | | |
| | | dry | 8.1 | 14 | 59 | | | ML | **SILT**: mottled yellow brown and orangish brown, hard, 80-90% fines, <10% fine to very fine grained sands, low plasticity |
| | | | | 16 | | | | | |
| | | | | 21 | 60 | | | | |

**Delta**
**Environmental Consultants, Inc.**

| | | | | |
|---|---|---|---|---|
| Project No: | SJ42-26F-1 | Client: | Shell Oil Products US | Well No: MW-1B |
| Logged By: | AP | Location: | 4226 First Street | Page 4 of 6 |
| Driller: | Gregg | Date Drilled: | 8/23/2006 | |
| Drilling Method: | HSA/AK (7') | Hole Diameter: | 12" | |
| Sampling Method: | SS | Hole Depth: | 108' | |
| Casing Type: | sch 40 PVC | Well Diameter: | 4" | |
| Slot Size: | 0.01 | Well Depth: | 108' | |
| Gravel Pack: | #2/12 sand | Casing Stickup: | - | |
| Elevation | | Northing | | Easting |

Location Map

Please see site map

| Well Completion (Backfill / Casing) | Static Water Level | Moisture Content | PID Reading (ppm) | Penetration (blows/6") | Depth (feet) | Sample Recovery | Sample Interval | Soil Type | LITHOLOGY / DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|
| Grout | | | | | | | | ML | SILT (cont.) |
| | | | | | 61 | | | | |
| | | | | | 62 | | | | |
| | | | | | 63 | | | | |
| | | dry | 11.5 | 10<br>12<br>14 | 64 | | | | |
| | | | | | 65 | | | | |
| | | | | | 66 | | | | |
| | | | | | 67 | | | | |
| | | | | | 68 | | | | |
| | | dry | 10.9 | 11<br>16<br>18 | 69 | | | | |
| | | | | | 70 | | | | |
| | | | | | 71 | | | | |
| | | | | | 72 | | | | |
| | | | | | 73 | | | | |
| | | dry | 9.9 | 11<br>13<br>17 | 74 | | | | |
| | | | | | 75 | | | | |
| | | | | | 76 | | | | |
| | | | | | 77 | | | | |
| | | | | | 78 | | | | |
| | | dry | 9.1 | 11<br>13<br>16 | 79<br>80 | | | | (80-90% fines, <10% very fine grained sands, medium plasticity) |

**Delta**
**Environmental Consultants, Inc.**

| | | | | |
|---|---|---|---|---|
| Project No: | SJ42-26F-1 | Client: | Shell Oil Products US | Well No: MW-1B |
| Logged By: | AP | Location: | 4226 First Street | Page 5 of 6 |
| Driller: | Gregg | Date Drilled: | 8/23/2006 | Location Map |
| Drilling Method: | HSA/AK (7') | Hole Diameter: | 12" | Please see site map |
| Sampling Method: | SS | Hole Depth: | 108' | |
| Casing Type: | sch 40 PVC | Well Diameter: | 4" | |
| Slot Size: | 0.01 | Well Depth: | 108' | |
| Gravel Pack: | #2/12 sand | Casing Stickup: | - | |
| Elevation | | Northing | | Easting |

| Well Completion (Backfill / Casing) | Static Water Level | Moisture Content | PID Reading (ppm) | Penetration (blows/6") | Depth (feet) | Sample Recovery | Sample Interval | Soil Type | LITHOLOGY / DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|
| Grout | | | | | 81 | | | ML | SILT (cont.) |
| | | | | | 82 | | | | |
| | ▼ | | | | 83 | | | | |
| | | dry | 9.2 | 10<br>14<br>18 | 84<br>85 | | | ML | **SILT with Sand**: mottled yellow brown and orange brown, hard, 70-80% fines, 20-30% very fine to fine grained sands, low to no plasticity |
| | | | | | 86 | | | | |
| | | | | | 87 | | | | |
| | | | | | 88 | | | | |
| | | moist | 9.9 | 10<br>16<br>21 | 89<br>90 | | | | (15-25% very fine grained sands) |
| | | | | | 91 | | | | |
| | | | | | 92 | | | | |
| | | | | | 93 | | | | |
| | | dry | 11.9 | 13<br>16<br>20 | 94<br>95 | | | | (20-30% very fine grained sands) |
| | | | | | 96 | | | | |
| Bentonite | | | | | 97 | | | | |
| | | | | | 98 | | | | |
| Sand | ▽ | wet | 8.1 | 11<br>16<br>20 | 99<br>100 | | | SC | **Clayey SAND with Gravel**: brown, dense, 10-20% fines, 20-30% gravels up to 1" diameter, 60-70% medium to coarse grained sands (mostly coarse grained) |

# Delta

**Environmental Consultants, Inc.**

| | | | | | |
|---|---|---|---|---|---|
| Project No: | SJ42-26F-1 | Client: | Shell Oil Products US | Well No: MW-1B | |
| Logged By: | AP | Location: | 4226 First Street | Page 6 of 6 | |
| Driller: | Gregg | Date Drilled: | 8/23/2006 | Location Map | |
| Drilling Method: | HSA/AK (7') | Hole Diameter: | 12" | Please see site map | |
| Sampling Method: | SS | Hole Depth: | 108' | | |
| Casing Type: | sch 40 PVC | Well Diameter: | 4" | | |
| Slot Size: | 0.01 | Well Depth: | 108' | | |
| Gravel Pack: | #2/12 sand | Casing Stickup: | - | | |
| Elevation | | Northing | | Easting | |

| Well Completion (Backfill / Casing) | Static Water Level | Moisture Content | PID Reading (ppm) | Penetration (blows/6") | Depth (feet) | Sample Recovery | Sample Interval | Soil Type | LITHOLOGY / DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|
| Sand | | | | | 101 | | | SC | **Clayey SAND with Gravel** (cont.) |
| | | | | | 102 | | | | |
| | | | | | 103 | | | | |
| | | | | 13 | 104 | | | | (30-40% fines, 40-60% fine to coarse graines sands, |
| | | wet | 0.7 | 17 | | | | | 10-20% gravels up to 1" diameter) |
| | | | | 19 | 105 | | | | |
| | | | | | 106 | | | | |
| | | | | 13 | 107 | | | | (25-35% fines, 55-65% sand, 10-20% gravels up to |
| | | wet | 0.8 | 17 | | | | | 2" diameter) |
| | | | | 20 | 108 | | | | Bottom of boring at 108 feet bg |
| | | | | | 109 | | | | |
| | | | | | 110 | | | | |
| | | | | | 111 | | | | |
| | | | | | 112 | | | | |
| | | | | | 113 | | | | |
| | | | | | 114 | | | | |
| | | | | | 115 | | | | |
| | | | | | 116 | | | | |
| | | | | | 117 | | | | |
| | | | | | 118 | | | | |
| | | | | | 119 | | | | |
| | | | | | 120 | | | | |

# BORING LOG

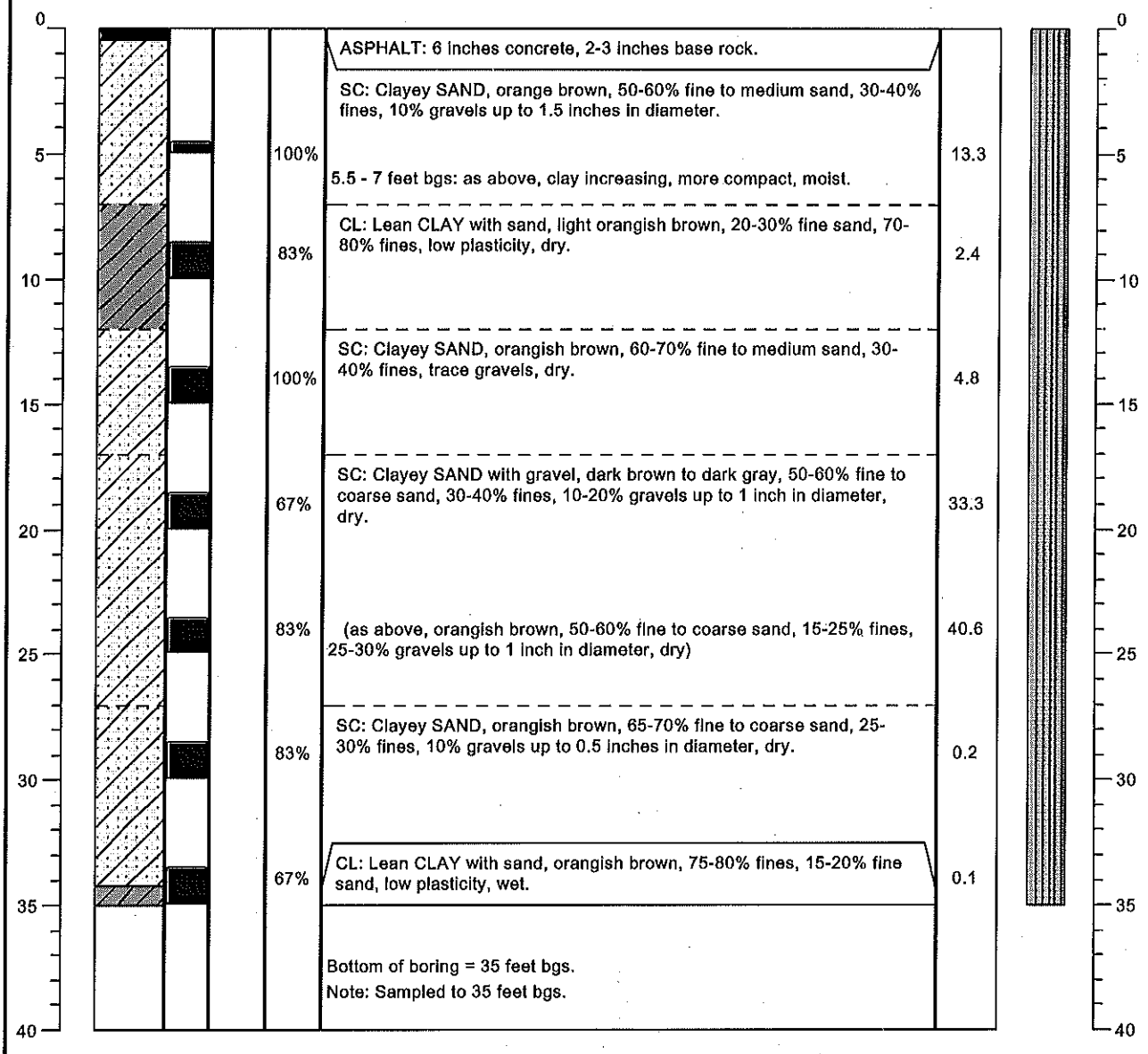
DELTA Xinogen

Client: **Shell Oil Products US**

Project Number: **SJ4226F1X**

**Boring No. B-1**

| | | | |
|---|---|---|---|
| Address: | Drilling Date(s): **3/27/07** | Boring diameter (In.): **8** | 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** |
| Logged By: **Andy Persio** | Boring Depth (ft): **35** | Casing Diameter (In.): **NA** | Sand Pack: **NA** |



# BORING LOG

DELTA Xinogen

**Client** Shell Oil Products US
**Project Number** SJ4226F1X

**Boring No.** B-2

| | | | |
|---|---|---|---|
| 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 |
| Logged By: Andy Persio | Boring Depth (ft): 35 | Casing Diameter (in.): NA | Sand Pack: NA |

| Depth (ft.) | Water Level | Soil/Rock Graphic | Sampled Interval | Blow Counts (blows/ft) | Recovery (%) | Soil/Rock Visual Description | PID Reading (ppm) | Boring Completion | Depth (ft.) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | ASPHALT: 6 inches concrete, 1-2 inches base rock. | | | 0 |
| | | | | | | CL: Sandy lean CLAY, dark brown, 60-70% fines, 30-40% fine to medium sand. | | | |
| 5 | | | | | 100% | SC: Clayey SAND, orangish brown, 55-65% fine to medium sand, 35-45% fines, trace gravels. 5.5 - 7 feet bgs: as above, clay increasing, more compact, dry. | 6.4 | | 5 |
| 10 | | | | | 100% | (as above, 65-75% fine to medium sand, 25-35% fines, very dense, dry) | 0.6 | | 10 |
| 15 | | | | | 100% | CL: Sandy CLAY, orangish brown, 20-30% fine sand, 70-80% fines, low plasticity, dry. | 0.2 | | 15 |
| 20 | | | | | 83% | SC: Clayey SAND, orangish brown, 60-70% fine to coarse sand, 30-40% fines, trace gravels, dry. | 0.3 | | 20 |
| 25 | | | | | 67% | 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 diameter, dry. | 5.8 | | 25 |
| 30 | | | | | 50% | (same as above, dry) | 0.1 | | 30 |
| 35 | | | | | 67% | (same as above, dry) | 33.2 | | 35 |
| 40 | | | | | | Bottom of boring = 35 feet bgs. Note: Sampled to 35 feet bgs. | | | 40 |

# BORING LOG

DELTA Inogen

Client: **Shell Oil Products US**

Project Number: **SJ4226F1X**

**Boring No. B-3**

| | | | |
|---|---|---|---|
| Address: | Drilling Date(s): **3/27-28/07** | Boring diameter (in.): **8** | 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** |
| Logged By: **Andy Persio** | Boring Depth (ft): **35** | Casing Diameter (in.): **NA** | Sand Pack: **NA** |

| Depth (ft.) | Water Level | Soil/Rock Graphic | Sampled Interval | Blow Counts (blows/ft) | Recovery (%) | Soil/Rock Visual Description | PID Reading (ppm) | Boring Completion | Depth (ft.) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | ASPHALT: 6 inches concrete, 1-2 inches base rock. | | | 0 |
| | | | | | | SC: Clayey SAND, orangish brown, 55-65% fine to medium sand, 35-45% fines. | | | |
| 5 | | | | | 100% | | 12.5 | | 5 |
| | | | | | | (as above, clay increasing, more compact, dry) | | | |
| | | | | | 100% | (as above, 60-70% fine to medium sand, 30-40% fines, trace gravels, dry) | 0.4 | | |
| 10 | | | | | | | | | 10 |
| | | | | | | CL: Sandy lean CLAY, orangish brown, 30-40% fine sand, 60-70% fines, low plasticity, dry. | | | |
| 15 | | | | | 100% | | 6.2 | | 15 |
| | | | | | | SC: Clayey SAND, orangish brown, 60-70% fine sand, 30-40% fines, dry. | | | |
| 20 | | | | | 83% | | 2.1 | | 20 |
| | | | | | 67% | (as above, 60-70% fine to coarse sand, 20-30% fines, 10% gravels up to 0.5 inches in diameter, dry) | 98.1 | | |
| 25 | | | | | | | | | 25 |
| | | | | | 50% | (as above, 50-60% fine to medium sand, 30-40% fines, 5-10% gravels up to 0.5 inches in diameter, dry) | 536 | | |
| 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. | | | |
| 35 | | | | | 83% | | 2.7 | | 35 |
| | | | | | | Bottom of boring = 35 feet bgs.<br>Note: Sampled to 35 feet bgs. | | | |
| 40 | | | | | | | | | 40 |

# BORING LOG

DELTA Xinogen

Client: **Shell Oil Products US**

Project Number: **SJ4226F1X**

Boring No. **B-4**

| | | | |
|---|---|---|---|
| Address: | Drilling Date(s): **3/27-28/07** | 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** |
| Logged By: **Andy Persio** | Boring Depth (ft): **35** | Casing Diameter (in.): **NA** | Sand Pack: **NA** |

| Depth (ft.) | Water Level | Soil/Rock Graphic | Sampled Interval | Blow Counts (blows/ft) | Recovery (%) | Soil/Rock Visual Description | PID Reading (ppm) | Boring Completion | Depth (ft.) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | ASPHALT: 6 inches concrete, 2 inches base rock. | | | 0 |
| | | | | | | 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. | | | |
| 5 | | | | | 100% | | 56.3 | | 5 |
| | | | | | 67% | (same as above, dry) | 13.0 | | |
| 10 | | | | | | | | | 10 |
| | | | | | 67% | SC: Clayey SAND, orangish brown, 50-60% fine to medium sand, 40-50% fines, trace gravels, dry. | 5.8 | | |
| 15 | | | | | | | | | 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 to 1 inch in diameter, dry) | 12.3 | | |
| 25 | | | | | | | | | 25 |
| | | | | | 67% | 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 | | |
| 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 |

# BORING LOG

DELTA Xtnogen

Client: **Shell Oil Products US**

Project Number: **SJ4226F1X**

**Boring No. B-4**

| | | | |
|---|---|---|---|
| Address: | Drilling Date(s): **3/27-28/07** | 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** |
| Logged By: **Andy Persio** | Boring Depth (ft): **35** | Casing Diameter (in.): **NA** | Sand Pack: **NA** |

| Depth (ft.) | Water Level | Soil/Rock Graphic | Sampled Interval | Blow Counts (blows/ft) | Recovery (%) | Soil/Rock Visual Description | PID Reading (ppm) | Boring Completion | Depth (ft.) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | ASPHALT: 6 inches concrete, 2 inches base rock. | | | 0 |
| | | | | | | 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. | | | |
| 5 | | | | | 100% | | 56.3 | | 5 |
| 10 | | | | | 67% | (same as above, dry) | 13.0 | | 10 |
| | | | | | | SC: Clayey SAND, orangish brown, 50-60% fine to medium sand, 40-50% fines, trace gravels, dry. | | | |
| 15 | | | | | 67% | | 5.8 | | 15 |
| 20 | | | | | 80% | (as above, 60-70% fine to coarse sand, 30-40% fines, trace gravels, dry) | 1.2 | | 20 |
| 25 | | | | | 100% | (as above, 55-65% fine to coarse sand, 30-40% fines, 5-15% gravels up to 1 inch in diameter, dry) | 12.3 | | 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. | | | |
| 30 | | | | | 67% | | 18.2 | | 30 |
| 35 | | | | | 83% | (same as above, dry) | 46.5 | | 35 |
| | | | | | | Bottom of boring = 35 feet bgs.<br>Note: Sampled to 35 feet bgs. | | | |
| 40 | | | | | | | | | 40 |

# BORING LOG

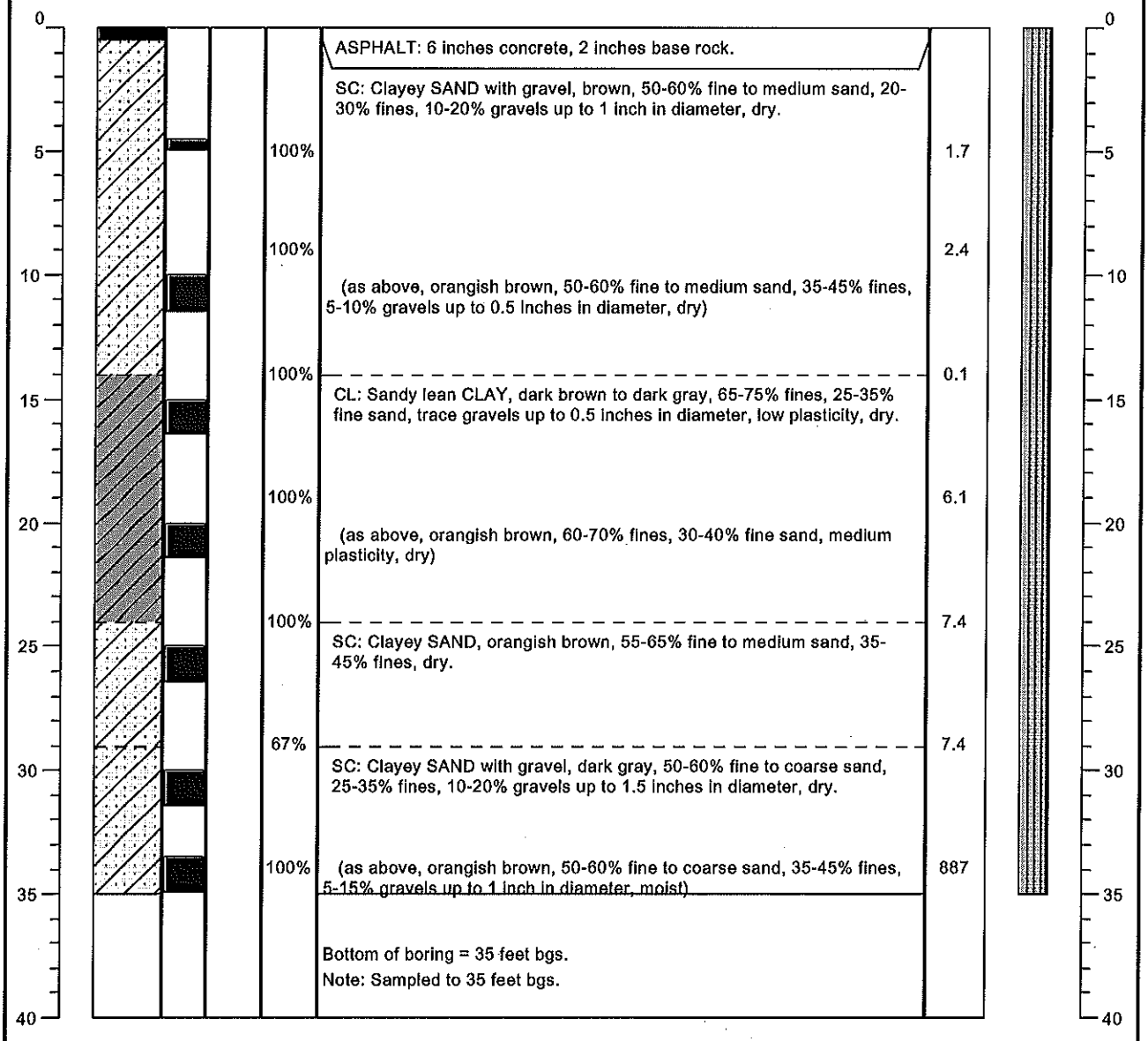
DELTA Xinogen

Client **Shell Oil Products US**

Project Number **SJ4226F1X**

**Boring No. B-5**

| | | | |
|---|---|---|---|
| Address: | Drilling Date(s): **3/27-28/07** | 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** |
| Logged By: **Andy Persio** | Boring Depth (ft): **35** | Casing Diameter (in.): **NA** | Sand Pack: **NA** |



## 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) |
|---|---|---|---|---|---|---|---|
| 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:
1) TPH - Total Petroleum Hydrocarbons (Gasoline Range) analyzed by EPA Methods 5030/8015.
2) Benzene, Toluene, Ethylbenzene and Xylene analyzed by EPA Method 8020.
3) ND - Not detected.

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

| Sample | TPHg | Benzene | Toluene | Ethylbenzene | Xylene | MTBE |
|---|---|---|---|---|---|---|
| | ← | | (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

**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' | <1.0 | <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' | <1.0 | <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**
**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) |
|---|---|---|---|---|---|---|---|---|---|
| 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 |
| MW-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

Wyman Hong
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 4226 First St. Pleasanton, CA

California Coordinates Source _____ ft. Accuracy _____ ft.
CCN _____ ft. CCE _____ ft.
APN 94 - 95 - 24

CLIENT
Name Shell Oil Products U.S.
Address 20945 S. Wilmington Ave Phone (707) 865-0251
City Carson, CA Zip 90810

APPLICANT
Name Delta Consultants, Inc.
Fax (408) 225-8506
Address 175 Bernal Rd., Suite 200 Phone (408) 826-1864
City San Jose Zip 95119

TYPE OF PROJECT

| Well Construction | | Geotechnical Investigation | |
|---|---|---|---|
| Cathodic Protection | •• | General | •• |
| Water Supply | •• | Contamination | (••) |
| Monitoring | •• | Well Destruction | •• |

PROPOSED WELL USE

| | | | |
|---|---|---|---|
| New Domestic | •• | Irrigation | •• |
| Municipal | •• | Remediation | •• |
| Industrial | •• | Groundwater Monitoring | •• |
| Dewatering | •• | Other _____ | •••• |

DRILLING METHOD:

| | | | | | |
|---|---|---|---|---|---|
| Mud Rotary | •• | Air Rotary | •• | Hollow Stem Auger | (••) |
| Cable Tool | •• | Direct Push | •• | Other _____ | •••• |

DRILLING COMPANY Gregg Drilling & Testing
DRILLER'S LICENSE NO. C-57 485165

WELL PROJECTS
Drill Hole Diameter _____ in. Maximum
Casing Diameter _____ in. Depth _____ ft.
Surface Seal Depth _____ ft. Number _____

SOIL BORINGS
Number of Borings 5 Maximum
Hole Diameter 10 in. Depth 35 ft.

ESTIMATED STARTING DATE 3 - 27 - 2007
ESTIMATED COMPLETION DATE 3 - 29 - 2007

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE _____ Date 2/12/07
Andy Persio

ATTACH SITE PLAN OR SKETCH

PERMIT NUMBER 27052
WELL NUMBER _____
APN 094-0095-024-00

PERMIT CONDITIONS

(Circled Permit Requirements Apply)

(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.

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.
4. A sample port is required on the discharge pipe near the wellhead.

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

(D.) 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.

E. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

F. WELL DESTRUCTION. See attached.

(G.) 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.

Approved Wyman Hong Date 3/21/07
Wyman Hong

Revised: April 27, 2005

## Attachment E

### CERTIFIED ANALYTICAL REPORT AND CHAIN OF CUSTODY DOCUMENTATION
### SOIL

TestAmerica
ANALYTICAL TESTING CORPORATION

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

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

Theresa Allen For Leticia Reyes
Project Manager

CA ELAP Certificate # 1210

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



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

TestAmerica
ANALYTICAL TESTING CORPORATION

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 |

**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 |

TestAmerica
ANALYTICAL TESTING CORPORATION

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 |

## Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **Comp A-D (MQD0016-01) Soil Sampled: 03/29/07 10:30 Received: 03/30/07 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* | | *98 %* | | *60-120* | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *103 %* | | *70-120* | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *100 %* | | *75-120* | " | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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 |

## Total Metals by EPA 6000/7000 Series Methods

## TestAmerica - Morgan Hill, CA

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

TestAmerica
ANALYTICAL TESTING CORPORATION

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 |

## Volatile Organic Compounds by EPA Method 8260B

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **Comp A-D (MQD0016-01) Soil Sampled: 03/29/07 10:30 Received: 03/30/07 18:05** | | | | | | | | | |
| Benzene | ND | 5.0 | ug/kg | 1 | 7D11009 | 04/11/07 | 04/11/07 | EPA 8260B | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Toluene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *103 %* | | *70-120* | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *104 %* | | *66-120* | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *100 %* | | *75-120* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *98 %* | | *60-120* | " | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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 |

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

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 7D11009 - EPA 5030B P/T / LUFT GCMS** | | | | | | | | | | |
| **Blank (7D11009-BLK1)** | | | | Prepared & Analyzed: 04/11/07 | | | | | | |
| Gasoline Range Organics (C4-C12) | ND | 100 | ug/kg | | | | | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.38* | | " | *5.00* | | *108* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.14* | | " | *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 & Analyzed: 04/11/07 | | | | | | |
| Gasoline Range Organics (C4-C12) | 853 | 100 | ug/kg | 1000 | | 85 | 45-135 | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.56* | | " | *5.00* | | *111* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.10* | | " | *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 (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* | | " | *5.00* | | *106* | *60-120* | | | |
| *Surrogate: Dibromofluoromethane* | *5.26* | | " | *5.00* | | *105* | *70-120* | | | |
| *Surrogate: Toluene-d8* | *5.18* | | " | *5.00* | | *104* | *75-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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 |

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

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 7D10043 - EPA 3050B / EPA 6010B** | | | | | | | | | | |
| **Blank (7D10043-BLK1)** | | | | Prepared: 04/10/07 Analyzed: 04/17/07 | | | | | | |
| Lead | ND | 5.0 | mg/kg | | | | | | | |
| **Laboratory Control Sample (7D10043-BS1)** | | | | Prepared: 04/10/07 Analyzed: 04/17/07 | | | | | | |
| Lead | 47.2 | 5.0 | mg/kg | 50.0 | | 94 | 80-115 | | | |
| **Matrix Spike (7D10043-MS1)** | **Source: MQC0958-02** | | | Prepared: 04/10/07 Analyzed: 04/17/07 | | | | | | |
| Lead | 178 | 25 | mg/kg | 50.0 | 240 | 0 | 80-115 | | | M7 |
| **Matrix Spike Dup (7D10043-MSD1)** | **Source: MQC0958-02** | | | Prepared: 04/10/07 Analyzed: 04/17/07 | | | | | | |
| Lead | 194 | 25 | mg/kg | 50.0 | 240 | 0 | 80-115 | 9 | 35 | M7 |

TestAmerica
ANALYTICAL TESTING CORPORATION

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 |

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 7D11009 - EPA 5030B P/T / EPA 8260B** | | | | | | | | | | |
| **Blank (7D11009-BLK1)** | | | | Prepared & Analyzed: 04/11/07 | | | | | | |
| Benzene | ND | 5.0 | ug/kg | | | | | | | |
| Ethylbenzene | ND | 5.0 | " | | | | | | | |
| Toluene | ND | 5.0 | " | | | | | | | |
| Xylenes (total) | ND | 5.0 | " | | | | | | | |
| *Surrogate: Dibromofluoromethane* | *5.18* | | " | *5.00* | | *104* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.38* | | " | *5.00* | | *108* | *66-120* | | | |
| *Surrogate: Toluene-d8* | *5.02* | | " | *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 | " | 20.0 | | 114 | 75-140 | | | |
| Toluene | 22.8 | 5.0 | " | 20.0 | | 114 | 75-135 | | | |
| Xylenes (total) | 68.4 | 5.0 | " | 60.0 | | 114 | 75-145 | | | |
| *Surrogate: Dibromofluoromethane* | *5.36* | | " | *5.00* | | *107* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.20* | | " | *5.00* | | *104* | *66-120* | | | |
| *Surrogate: Toluene-d8* | *5.04* | | " | *5.00* | | *101* | *75-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.10* | | " | *5.00* | | *102* | *60-120* | | | |
| **Matrix Spike (7D11009-MS1)** | **Source: MQD0015-30** | | | Prepared & Analyzed: 04/11/07 | | | | | | |
| Benzene | 20.4 | 5.0 | ug/kg | 20.0 | ND | 102 | 70-140 | | | |
| Ethylbenzene | 20.9 | 5.0 | " | 20.0 | ND | 104 | 75-140 | | | |
| Toluene | 20.9 | 5.0 | " | 20.0 | ND | 104 | 75-135 | | | |
| Xylenes (total) | 62.5 | 5.0 | " | 60.0 | ND | 104 | 75-145 | | | |
| *Surrogate: Dibromofluoromethane* | *5.36* | | " | *5.00* | | *107* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.12* | | " | *5.00* | | *102* | *66-120* | | | |
| *Surrogate: Toluene-d8* | *5.18* | | " | *5.00* | | *104* | *75-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.10* | | " | *5.00* | | *102* | *60-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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 |

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

## TestAmerica - Morgan Hill, CA

| 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: MQD0015-30** | | | 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 | " | 20.0 | ND | 112 | 75-140 | 7 | 30 | |
| Toluene | 22.5 | 5.0 | " | 20.0 | ND | 112 | 75-135 | 7 | 25 | |
| Xylenes (total) | 67.4 | 5.0 | " | 60.0 | ND | 112 | 75-145 | 8 | 30 | |
| *Surrogate: Dibromofluoromethane* | *5.26* | | " | *5.00* | | *105* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.14* | | " | *5.00* | | *103* | *66-120* | | | |
| *Surrogate: Toluene-d8* | *5.18* | | " | *5.00* | | *104* | *75-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.06* | | " | *5.00* | | *101* | *60-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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 |

# SHELL Chain Of Custody Record

LAB: Test America

- ☐ TA - Irvine, California
- ☑ TA - Morgan Hill, California
- ☐ TA - Sacramento, California
- ☐ TA - Nashville, Tennessee
- ☐ Calscience
- ☐ Other_____

NAME OF PERSON TO BILL: Denis Brown

☑ ENVIRONMENTAL SERVICES ☐ NETWORK DEV. / FE ☐ BP/LB CONSULTANT ☐ COMPLIANCE ☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 8 9 9 5 8 4 0

DATE: 3/30/07

PO #:

SAP or CRMT #:

PAGE: 1 of 1

| SAMPLING COMPANY: | LOG CODE: | SITE ADDRESS: Street and City | State | GLOBAL ID NO.: |
|---|---|---|---|---|
| Delta Consultants | | 4226 1st Street, Pleasanton | CA | T0600101259 |

| ADDRESS: | EDF DELIVERABLE TO (Name, Company, Office Location): | PHONE NO.: | E-MAIL: | CONSULTANT PROJECT NO.: |
|---|---|---|---|---|
| 175 Bernal Road Suite 200, San Jose, CA | Jon Suing | 626-256-6662 | Jsuing@deltaenv.com | SJ42-26F-X |

| PROJECT CONTACT (Hardcopy or PDF Report to): | TELEPHONE: | FAX: | E-MAIL: |
|---|---|---|---|
| Lee Dooley | 408-826-1880 | 408-225-8506 | ldooley@deltaenv.com |

SAMPLER NAME(S) (Print): Andy Persio

LAB USE ONLY: UQD0016

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS): ☑ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

SPECIAL INSTRUCTIONS OR NOTES:

☐ EDD NOT NEEDED
☐ SHELL CONTRACT RATE APPLIES
☐ STATE REIMB RATE APPLIES
☐ RECEIPT VERIFICATION REQUESTED

Please email results apersio@deltaenv.com and ldooley@deltaenv.com

Total lead as per Shell's standard disposal protocol

REQUESTED ANALYSIS

| LAB USE ONLY | Field Sample Identification | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | TPH - Gas, Purgeable (8260B) | TPH - Diesel, Extractable (8015M) | BTEX (8260B) | 5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE) | 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) | Total Lead (6010B) | | Total Oil and Grease (1664A) | | TEMPERATURE ON RECEIPT C° |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | Comp A,B,C,D | 3/29/07 | 10:30 | soil | 4 | X | | X | | | | | | | | | | | | | | X | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

FIELD NOTES:
Container/Preservative or PID Readings or Laboratory Notes

| Relinquished by: (Signature) | Received by: (Signature) | Date: | Time: |
|---|---|---|---|
| | | 3-30-07 | 1:30pm |
| | | 3-30-07 | 1600 |
| | | 3-30-07 | 1805 |

05/02/06 Revision

Q&Q Graphic (714) 898-9702

# TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: SHELL 5540
REC. BY (PRINT): Blank
WORKORDER: MQD0016

DATE REC'D AT LAB: 03-30-07
TIME REC'D AT LAB: 18:05
DATE LOGGED IN: 4-2-07

For Regulatory Purposes?
DRINKING WATER YES / NO
WASTE WATER YES / NO

| CIRCLE THE APPROPRIATE RESPONSE | | LAB SAMPLE # | CLIENT ID | CONTAINER DESCRIPTION | PRESERVATIVE | pH | SAMPLE MATRIX | DATE SAMPLED | REMARKS: CONDITION (ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 1. Custody Seal(s) | Present / (Absent) Intact / Broken* | | | | | | | | |
| 2. Chain-of-Custody | (Present) / Absent* | | | | | | | | |
| 3. Traffic Reports or Packing List: | Present / (Absent) | | | | | | | | |
| 4. Airbill: | Airbill / Sticker Present / (Absent) | | | | | | | | |
| 5. Airbill #: | | | | | | | | | |
| 6. Sample Labels: | (Present) / Absent | | | | | | | | |
| 7. Sample IDs: | (Listed) / Not Listed on Chain-of-Custody | | | | | | | | |
| 8. Sample Condition: | (Intact) / Broken* / Leaking* | | | | | | | | |
| **9. Does information on chain-of-custody, traffic reports and sample labels agree?** | (Yes) No* | | | | | | | | |
| 10. Sample received within hold time? | (Yes) / No* | | | | | | | | |
| 11. Adequate sample volume received? | (Yes) / No* | | | | | | | | |
| 12. Proper preservatives used? | (Yes) / No* | | | | | | | | |
| 13. Trip Blank / Temp Blank Received? (circle which, if yes) | Yes / (No) | | | | | | | | |
| 14. Read Temp: 3.6<br>Corrected Temp: 3.6<br>Is corrected temp 4 +/-2°C? | (Yes) No** | | | | | | | | |

(Acceptance range for samples requiring thermal pres.)

**Exception (if any): METALS / DFF ON ICE or Problem COC

Blank 03-30-07

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

**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 | Benzene mg/kg | Ethyl-benzene mg/kg | Toluene mg/kg | Total Xylenes mg/kg | MTBE mg/kg | TBA mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 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 |

**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

TestAmerica
ANALYTICAL TESTING CORPORATION

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

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

Theresa Allen For Leticia Reyes
Project Manager

CA ELAP Certificate # 1210

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


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

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 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 | Soil | 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 |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 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 | Soil | 03/28/07 10:30 | 03/30/07 18:05 |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

## Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **B-1 d 5 (MQD0015-01) Soil Sampled: 03/27/07 10:00 Received: 03/30/07 18:05** | | | | | | | | | |
| 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* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *101 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *106 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *107 %* | *75-120* | | " | " | " | " | |
| **B-1 d 9.5 (MQD0015-02) Soil Sampled: 03/29/07 11:10 Received: 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* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *100 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *102 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *105 %* | *75-120* | | " | " | " | " | |
| **B-1 d 14.5 (MQD0015-03) Soil Sampled: 03/29/07 11:15 Received: 03/30/07 18:05** | | | | | | | | | |
| **Gasoline Range Organics (C4-C12)** | **130** | 100 | ug/kg | 1 | 7D06014 | 04/06/07 | 04/06/07 | LUFT GCMS | QP |
| *Surrogate: 1,2-Dichloroethane-d4* | | *100 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *108 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *113 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *112 %* | *75-120* | | " | " | " | " | |
| **B-1 d 19.5 (MQD0015-04) Soil Sampled: 03/29/07 11:20 Received: 03/30/07 18:05** | | | | | | | | | |
| **Gasoline Range Organics (C4-C12)** | **570** | 200 | ug/kg | 2 | 7D06014 | 04/06/07 | 04/06/07 | LUFT GCMS | QP |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *101 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *107 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *106 %* | *75-120* | | " | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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:** |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

## Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **B-1 d 24.5 (MQD0015-05) Soil Sampled: 03/29/07 11:23 Received: 03/30/07 18:05** | | | | | | | | | |
| **Gasoline Range Organics (C4-C12)** | **920** | 200 | ug/kg | 2 | 7D06014 | 04/06/07 | 04/06/07 | LUFT GCMS | QP |
| *Surrogate: 1,2-Dichloroethane-d4* | | *101 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *108 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *108 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *107 %* | *75-120* | | " | " | " | " | |
| **B-1 d 29.5 (MQD0015-06) Soil Sampled: 03/29/07 11:30 Received: 03/30/07 18:05** | | | | | | | | | |
| Gasoline Range Organics (C4-C12) | ND | 100 | ug/kg | 1 | 7D06014 | 04/06/07 | 04/06/07 | LUFT GCMS | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *99 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *98 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *108 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *109 %* | *75-120* | | " | " | " | " | |
| **B-1 d 34.5 (MQD0015-07) Soil Sampled: 03/29/07 11:35 Received: 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* | | *86 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *90 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *92 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *92 %* | *75-120* | | " | " | " | " | |
| **B-2 d 5 (MQD0015-08) Soil Sampled: 03/27/07 11:35 Received: 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* | | *85 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *94 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *101 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *106 %* | *75-120* | | " | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

## Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **B-2 d 9.5 (MQD0015-09) Soil Sampled: 03/29/07 09:40 Received: 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* | | *87 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *91 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *92 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *89 %* | *75-120* | | " | " | " | " | |
| **B-2 d 14.5 (MQD0015-10) Soil Sampled: 03/29/07 09:45 Received: 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* | | *90 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *96 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *94 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *90 %* | *75-120* | | " | " | " | " | |
| **B-2 d 19.5 (MQD0015-11) Soil Sampled: 03/29/07 09:50 Received: 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* | | *88 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *94 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *92 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *90 %* | *75-120* | | " | " | " | " | |
| **B-2 d 24.5 (MQD0015-12) Soil Sampled: 03/29/07 10:00 Received: 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* | | *92 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *89 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *94 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *90 %* | *75-120* | | " | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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:** |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

## Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **B-2 d 29 (MQD0015-13) Soil Sampled: 03/29/07 10:05 Received: 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* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *95 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *102 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *102 %* | *75-120* | | " | " | " | " | |
| **B-2 d 34.5 (MQD0015-14) Soil Sampled: 03/29/07 10:10 Received: 03/30/07 18:05** | | | | | | | | | |
| **Gasoline Range Organics (C4-C12)** | **320** | 100 | ug/kg | 1 | 7D09015 | 04/09/07 | 04/10/07 | LUFT GCMS | QP |
| *Surrogate: 1,2-Dichloroethane-d4* | | *90 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *88 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *94 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *90 %* | *75-120* | | " | " | " | " | |
| **B-3 d 5 (MQD0015-15) Soil Sampled: 03/27/07 13:25 Received: 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* | | *77 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *90 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *101 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *104 %* | *75-120* | | " | " | " | " | |
| **B-3 d 9.5 (MQD0015-16) Soil Sampled: 03/28/07 13:50 Received: 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* | | *78 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *82 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *94 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *92 %* | *75-120* | | " | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

## Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

### TestAmerica - Morgan Hill, CA

| 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 Received: 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* | | *89 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *88 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *96 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *92 %* | *75-120* | | " | " | " | " | |
| **B-3 d 19.5 (MQD0015-18) Soil Sampled: 03/28/07 14:10 Received: 03/30/07 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* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *86 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *95 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *90 %* | *75-120* | | " | " | " | " | |
| **B-3 d 24.5 (MQD0015-19) Soil Sampled: 03/28/07 14:15 Received: 03/30/07 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* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *93 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *114 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *96 %* | *75-120* | | " | " | " | " | |
| **B-3 d 29 (MQD0015-20) Soil Sampled: 03/28/07 14:18 Received: 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* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *102 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *106 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *103 %* | *75-120* | | " | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

## Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

## TestAmerica - Morgan Hill, CA

| 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 Received: 03/30/07 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* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *130 %* | *60-120* | | " | " | " | " | *ZX* |
| *Surrogate: Dibromofluoromethane* | | *101 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *104 %* | *75-120* | | " | " | " | " | |
| **B-4 d 5 (MQD0015-22) Soil Sampled: 03/27/07 14:45 Received: 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* | | *90 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *91 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *101 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *103 %* | *75-120* | | " | " | " | " | |
| **B-4 d 9.5 (MQD0015-23) Soil Sampled: 03/28/07 11:05 Received: 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* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *90 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *104 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *81 %* | *75-120* | | " | " | " | " | |
| **B-4 d 14.5 (MQD0015-24) Soil Sampled: 03/28/07 11:12 Received: 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* | | *101 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *100 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *102 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *84 %* | *75-120* | | " | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

## Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

### TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **B-4 d 20 (MQD0015-25) Soil Sampled: 03/28/07 11:15 Received: 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* | | *92 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *89 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *96 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *92 %* | *75-120* | | " | " | " | " | |
| **B-4 d 24.5 (MQD0015-26) Soil Sampled: 03/28/07 11:20 Received: 03/30/07 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* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *90 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *102 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *100 %* | *75-120* | | " | " | " | " | |
| **B-4 d 29.5 (MQD0015-27) Soil Sampled: 03/28/07 11:25 Received: 03/30/07 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* | | *107 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *86 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *103 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *99 %* | *75-120* | | " | " | " | " | |
| **B-4 d 35 (MQD0015-28) Soil Sampled: 03/28/07 11:35 Received: 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* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *80 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *100 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *101 %* | *75-120* | | " | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

## Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **B-5 d 5 (MQD0015-29) Soil Sampled: 03/27/07 15:40 Received: 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* | | *93 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *95 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *102 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *104 %* | *75-120* | | " | " | " | " | |
| **B-5 d 10.5 (MQD0015-30) Soil Sampled: 03/28/07 10:00 Received: 03/30/07 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* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *102 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *101 %* | *75-120* | | " | " | " | " | |
| **B-5 d 15.5 (MQD0015-31) Soil Sampled: 03/28/07 10:10 Received: 03/30/07 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* | | *101 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *102 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *107 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *100 %* | *75-120* | | " | " | " | " | |
| **B-5 d 20.5 (MQD0015-32) Soil Sampled: 03/28/07 10:15 Received: 03/30/07 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* | | *105 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *102 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *103 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *102 %* | *75-120* | | " | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

## Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

### TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **B-5 d 25.5 (MQD0015-33) Soil Sampled: 03/28/07 10:20 Received: 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* | | *95 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *93 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *103 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *106 %* | *75-120* | | " | " | " | " | |
| **B-5 d 30 (MQD0015-34) Soil Sampled: 03/28/07 10:25 Received: 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* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *93 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *104 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *106 %* | *75-120* | | " | " | " | " | |
| **B-5 d 35 (MQD0015-35) Soil Sampled: 03/28/07 10:30 Received: 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* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *87 %* | *60-120* | | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *100 %* | *70-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *99 %* | *75-120* | | " | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

## Volatile Organic Compounds by EPA Method 8260B

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **B-1 d 5 (MQD0015-01) Soil Sampled: 03/27/07 10:00 Received: 03/30/07 18:05** | | | | | | | | | |
| Benzene | ND | 5.0 | ug/kg | 1 | 7D06014 | 04/06/07 | 04/06/07 | EPA 8260B | |
| Toluene | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *106 %* | *70-120* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *102 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *101 %* | *60-120* | | " | " | " | " | |
| **B-1 d 9.5 (MQD0015-02) Soil Sampled: 03/29/07 11:10 Received: 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 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *92 %* | *70-120* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *91 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *92 %* | *60-120* | | " | " | " | " | |
| **B-1 d 14.5 (MQD0015-03) Soil Sampled: 03/29/07 11:15 Received: 03/30/07 18:05** | | | | | | | | | |
| Benzene | ND | 5.0 | ug/kg | 1 | 7D06014 | 04/06/07 | 04/06/07 | EPA 8260B | |
| Toluene | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| **Methyl tert-butyl ether** | **46** | 5.0 | " | " | " | " | " | " | |
| **tert-Butyl alcohol** | **68** | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *113 %* | *70-120* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *100 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *108 %* | *60-120* | | " | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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:** |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

## Volatile Organic Compounds by EPA Method 8260B

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **B-1 d 19.5 (MQD0015-04) Soil Sampled: 03/29/07 11:20 Received: 03/30/07 18:05** | | | | | | | | | |
| Benzene | ND | 10 | ug/kg | 2 | 7D06014 | 04/06/07 | 04/06/07 | EPA 8260B | |
| Toluene | ND | 10 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 10 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 10 | " | " | " | " | " | " | |
| **Methyl tert-butyl ether** | **600** | 10 | " | " | " | " | " | " | |
| **tert-Butyl alcohol** | **800** | 40 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *107 %* | | *70-120* | | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98 %* | | *66-120* | | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *101 %* | | *60-120* | | " | " | " | |
| **B-1 d 24.5 (MQD0015-05) Soil Sampled: 03/29/07 11:23 Received: 03/30/07 18:05** | | | | | | | | | |
| Benzene | ND | 10 | ug/kg | 2 | 7D06014 | 04/06/07 | 04/06/07 | EPA 8260B | |
| Toluene | ND | 10 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 10 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 10 | " | " | " | " | " | " | |
| **tert-Butyl alcohol** | **130** | 40 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *108 %* | | *70-120* | | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *101 %* | | *66-120* | | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *108 %* | | *60-120* | | " | " | " | |
| **B-1 d 24.5 (MQD0015-05RE1) Soil Sampled: 03/29/07 11:23 Received: 03/30/07 18:05** | | | | | | | | | |
| Benzene | ND | 50 | ug/kg | 10 | 7D09015 | 04/09/07 | 04/10/07 | EPA 8260B | |
| Toluene | ND | 50 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 50 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 50 | " | " | " | " | " | " | |
| **Methyl tert-butyl ether** | **780** | 50 | " | " | " | " | " | " | |
| **tert-Butyl alcohol** | **200** | 200 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *91 %* | | *70-120* | | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *84 %* | | *66-120* | | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *91 %* | | *60-120* | | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **B-1 d 29.5 (MQD0015-06) Soil Sampled: 03/29/07 11:30 Received: 03/30/07 18:05** | | | | | | | | | |
| Benzene | ND | 5.0 | ug/kg | 1 | 7D06014 | 04/06/07 | 04/06/07 | EPA 8260B | |
| Toluene | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| **Methyl tert-butyl ether** | **59** | 5.0 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *108 %* | *70-120* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *99 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *98 %* | *60-120* | | " | " | " | " | |
| **B-1 d 34.5 (MQD0015-07) Soil Sampled: 03/29/07 11:35 Received: 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 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| **Methyl tert-butyl ether** | **120** | 5.0 | " | " | " | " | " | " | |
| **tert-Butyl alcohol** | **33** | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *92 %* | *70-120* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *86 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *90 %* | *60-120* | | " | " | " | " | |
| **B-2 d 5 (MQD0015-08) Soil Sampled: 03/27/07 11:35 Received: 03/30/07 18:05** | | | | | | | | | |
| Benzene | ND | 5.0 | ug/kg | 1 | 7D07005 | 04/07/07 | 04/07/07 | EPA 8260B | |
| Toluene | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *101 %* | *70-120* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *85 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *94 %* | *60-120* | | " | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

## Volatile Organic Compounds by EPA Method 8260B

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **B-2 d 9.5 (MQD0015-09) Soil Sampled: 03/29/07 09:40 Received: 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 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *92 %* | *70-120* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *87 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *91 %* | *60-120* | | " | " | " | " | |
| **B-2 d 14.5 (MQD0015-10) Soil Sampled: 03/29/07 09:45 Received: 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 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *94 %* | *70-120* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *90 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *96 %* | *60-120* | | " | " | " | " | |
| **B-2 d 19.5 (MQD0015-11) Soil Sampled: 03/29/07 09:50 Received: 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 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 5.0 | " | " | " | " | " | " | |
| **tert-Butyl alcohol** | **82** | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *92 %* | *70-120* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *88 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *94 %* | *60-120* | | " | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

## Volatile Organic Compounds by EPA Method 8260B

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **B-2 d 24.5 (MQD0015-12) Soil Sampled: 03/29/07 10:00 Received: 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 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| **Methyl tert-butyl ether** | **110** | 5.0 | " | " | " | " | " | " | |
| **tert-Butyl alcohol** | **30** | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *94 %* | *70-120* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *92 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *89 %* | *60-120* | | " | " | " | " | |
| **B-2 d 29 (MQD0015-13) Soil Sampled: 03/29/07 10:05 Received: 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 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| **Methyl tert-butyl ether** | **220** | 5.0 | " | " | " | " | " | " | |
| **tert-Butyl alcohol** | **140** | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *102 %* | *70-120* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *107 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *95 %* | *60-120* | | " | " | " | " | |
| **B-2 d 34.5 (MQD0015-14) Soil Sampled: 03/29/07 10:10 Received: 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 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| **tert-Butyl alcohol** | **460** | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *94 %* | *70-120* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *90 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *88 %* | *60-120* | | " | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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:** |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

## Volatile Organic Compounds by EPA Method 8260B

## TestAmerica - Morgan Hill, CA

| 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 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *102 %* | | *70-120* | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *102 %* | | *66-120* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *100 %* | | *60-120* | " | " | " | " | |
| **B-3 d 5 (MQD0015-15) Soil Sampled: 03/27/07 13:25 Received: 03/30/07 18:05** | | | | | | | | | |
| Benzene | ND | 5.0 | ug/kg | 1 | 7D07005 | 04/07/07 | 04/07/07 | EPA 8260B | |
| Toluene | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *101 %* | | *70-120* | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *77 %* | | *66-120* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *90 %* | | *60-120* | " | " | " | " | |
| **B-3 d 9.5 (MQD0015-16) Soil Sampled: 03/28/07 13:50 Received: 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 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *94 %* | | *70-120* | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *78 %* | | *66-120* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *82 %* | | *60-120* | " | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica - Morgan Hill, CA

| 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 Received: 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 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| **Methyl tert-butyl ether** | **80** | 5.0 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *96 %* | | *70-120* | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *89 %* | | *66-120* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *88 %* | | *60-120* | " | " | " | " | |
| **B-3 d 19.5 (MQD0015-18) Soil Sampled: 03/28/07 14:10 Received: 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 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| **Methyl tert-butyl ether** | **140** | 5.0 | " | " | " | " | " | " | |
| **tert-Butyl alcohol** | **21** | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *95 %* | | *70-120* | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *85 %* | | *66-120* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *86 %* | | *60-120* | " | " | " | " | |
| **B-3 d 24.5 (MQD0015-19) Soil Sampled: 03/28/07 14:15 Received: 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 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| **Methyl tert-butyl ether** | **83** | 5.0 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *114 %* | | *70-120* | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *106 %* | | *66-120* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *93 %* | | *60-120* | " | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

## Volatile Organic Compounds by EPA Method 8260B

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **B-3 d 29 (MQD0015-20) Soil Sampled: 03/28/07 14:18 Received: 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 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| **Methyl tert-butyl ether** | **16** | 5.0 | " | " | " | " | " | " | |
| **tert-Butyl alcohol** | **73** | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *106 %* | *70-120* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *93 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *102 %* | *60-120* | | " | " | " | " | |
| **B-3 d 34.5 (MQD0015-21) Soil Sampled: 03/28/07 14:20 Received: 03/30/07 18:05** | | | | | | | | | |
| **Benzene** | **96** | 50 | ug/kg | 1 | 7D10013 | 04/10/07 | 04/10/07 | EPA 8260B | |
| Toluene | ND | 50 | " | " | " | " | " | " | |
| **Ethylbenzene** | **2300** | 50 | " | " | " | " | " | " | |
| **Xylenes (total)** | **16000** | 50 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 25 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 5000 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *82 %* | *70-120* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *82 %* | *66-120* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *106 %* | *75-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *186 %* | *60-120* | | " | " | " | " | *ZX* |
| **B-4 d 5 (MQD0015-22) Soil Sampled: 03/27/07 14:45 Received: 03/30/07 18:05** | | | | | | | | | |
| Benzene | ND | 5.0 | ug/kg | 1 | 7D07005 | 04/07/07 | 04/07/07 | EPA 8260B | |
| Toluene | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *101 %* | *70-120* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *90 %* | *66-120* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *91 %* | *60-120* | | " | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

## Volatile Organic Compounds by EPA Method 8260B

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **B-4 d 9.5 (MQD0015-23) Soil Sampled: 03/28/07 11:05 Received: 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 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *104 %* | | *70-120* | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *97 %* | | *66-120* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *90 %* | | *60-120* | " | " | " | " | |
| **B-4 d 14.5 (MQD0015-24) Soil Sampled: 03/28/07 11:12 Received: 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 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *102 %* | | *70-120* | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *101 %* | | *66-120* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *100 %* | | *60-120* | " | " | " | " | |
| **B-4 d 20 (MQD0015-25) Soil Sampled: 03/28/07 11:15 Received: 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 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| **Methyl tert-butyl ether** | **40** | 5.0 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *96 %* | | *70-120* | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *92 %* | | *66-120* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *89 %* | | *60-120* | " | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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:** |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

## Volatile Organic Compounds by EPA Method 8260B

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **B-4 d 24.5 (MQD0015-26) Soil Sampled: 03/28/07 11:20 Received: 03/30/07 18:05** | | | | | | | | | |
| Benzene | ND | 5.0 | ug/kg | 1 | 7D10010 | 04/10/07 | 04/10/07 | EPA 8260B | |
| Toluene | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| **Methyl tert-butyl ether** | **26** | 5.0 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *102 %* | | *70-120* | | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *104 %* | | *66-120* | | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *90 %* | | *60-120* | | " | " | " | |
| **B-4 d 29.5 (MQD0015-27) Soil Sampled: 03/28/07 11:25 Received: 03/30/07 18:05** | | | | | | | | | |
| Benzene | ND | 5.0 | ug/kg | 1 | 7D10010 | 04/10/07 | 04/10/07 | EPA 8260B | |
| Toluene | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| **Methyl tert-butyl ether** | **6.3** | 5.0 | " | " | " | " | " | " | |
| **tert-Butyl alcohol** | **71** | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *103 %* | | *70-120* | | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *107 %* | | *66-120* | | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *86 %* | | *60-120* | | " | " | " | |
| **B-4 d 35 (MQD0015-28) Soil Sampled: 03/28/07 11:35 Received: 03/30/07 18:05** | | | | | | | | | |
| Benzene | ND | 25 | ug/kg | 5 | 7D10010 | 04/10/07 | 04/10/07 | EPA 8260B | |
| Toluene | ND | 25 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 25 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 25 | " | " | " | " | " | " | |
| **Methyl tert-butyl ether** | **800** | 25 | " | " | " | " | " | " | |
| **tert-Butyl alcohol** | **630** | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *100 %* | | *70-120* | | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *108 %* | | *66-120* | | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *80 %* | | *60-120* | | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **B-5 d 5 (MQD0015-29) Soil Sampled: 03/27/07 15:40 Received: 03/30/07 18:05** | | | | | | | | | |
| Benzene | ND | 5.0 | ug/kg | 1 | 7D07005 | 04/07/07 | 04/07/07 | EPA 8260B | |
| Toluene | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *102 %* | | *70-120* | | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *93 %* | | *66-120* | | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *95 %* | | *60-120* | | " | " | " | |
| **B-5 d 10.5 (MQD0015-30) Soil Sampled: 03/28/07 10:00 Received: 03/30/07 18:05** | | | | | | | | | |
| Benzene | ND | 5.0 | ug/kg | 1 | 7D11009 | 04/11/07 | 04/11/07 | EPA 8260B | |
| Toluene | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *102 %* | | *70-120* | | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *104 %* | | *66-120* | | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *101 %* | | *60-120* | | " | " | " | |
| **B-5 d 15.5 (MQD0015-31) Soil Sampled: 03/28/07 10:10 Received: 03/30/07 18:05** | | | | | | | | | |
| Benzene | ND | 5.0 | ug/kg | 1 | 7D11009 | 04/11/07 | 04/11/07 | EPA 8260B | |
| Toluene | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *107 %* | | *70-120* | | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *101 %* | | *66-120* | | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *102 %* | | *60-120* | | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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:** |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

## Volatile Organic Compounds by EPA Method 8260B

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **B-5 d 20.5 (MQD0015-32) Soil Sampled: 03/28/07 10:15 Received: 03/30/07 18:05** | | | | | | | | | |
| Benzene | ND | 5.0 | ug/kg | 1 | 7D11009 | 04/11/07 | 04/11/07 | EPA 8260B | |
| Toluene | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| **Methyl tert-butyl ether** | **5.4** | 5.0 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *103 %* | | *70-120* | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *105 %* | | *66-120* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *102 %* | | *60-120* | " | " | " | " | |
| **B-5 d 25.5 (MQD0015-33) Soil Sampled: 03/28/07 10:20 Received: 03/30/07 18:05** | | | | | | | | | |
| Benzene | ND | 5.0 | ug/kg | 1 | 7D07005 | 04/07/07 | 04/07/07 | EPA 8260B | |
| Toluene | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butyl alcohol | ND | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *103 %* | | *70-120* | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *95 %* | | *66-120* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *93 %* | | *60-120* | " | " | " | " | |
| **B-5 d 30 (MQD0015-34) Soil Sampled: 03/28/07 10:25 Received: 03/30/07 18:05** | | | | | | | | | |
| Benzene | ND | 5.0 | ug/kg | 1 | 7D07005 | 04/07/07 | 04/07/07 | EPA 8260B | |
| Toluene | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| **Methyl tert-butyl ether** | **65** | 5.0 | " | " | " | " | " | " | |
| **tert-Butyl alcohol** | **100** | 20 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *104 %* | | *70-120* | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *94 %* | | *66-120* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *93 %* | | *60-120* | " | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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:** |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **B-5 d 35 (MQD0015-35) Soil Sampled: 03/28/07 10:30 Received: 03/30/07 18:05** | | | | | | | | | |
| Benzene | ND | 25 | ug/kg | 5 | 7D10010 | 04/10/07 | 04/10/07 | EPA 8260B | |
| Toluene | ND | 25 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 25 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 25 | " | " | " | " | " | " | |
| **Methyl tert-butyl ether** | **300** | 25 | " | " | " | " | " | " | |
| **tert-Butyl alcohol** | **460** | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *100 %* | | *70-120* | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *110 %* | | *66-120* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *87 %* | | *60-120* | " | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

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

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 7D05015 - EPA 5030B P/T / LUFT GCMS** | | | | | | | | | | |
| **Blank (7D05015-BLK1)** | | | | Prepared: 04/05/07 Analyzed: 04/06/07 | | | | | | |
| Gasoline Range Organics (C4-C12) | ND | 100 | ug/kg | | | | | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.36* | | " | *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* | | " | *5.00* | | *104* | *75-120* | | | |
| **Laboratory Control Sample (7D05015-BS2)** | | | | Prepared: 04/05/07 Analyzed: 04/06/07 | | | | | | |
| Gasoline Range Organics (C4-C12) | 825 | 100 | ug/kg | 1000 | | 82 | 45-135 | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.50* | | " | *5.00* | | *110* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.02* | | " | *5.00* | | *100* | *60-120* | | | |
| *Surrogate: Dibromofluoromethane* | *5.24* | | " | *5.00* | | *105* | *70-120* | | | |
| *Surrogate: Toluene-d8* | *5.20* | | " | *5.00* | | *104* | *75-120* | | | |
| **Laboratory Control Sample Dup (7D05015-BSD2)** | | | | Prepared: 04/05/07 Analyzed: 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* | | " | *5.00* | | *110* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.10* | | " | *5.00* | | *102* | *60-120* | | | |
| *Surrogate: Dibromofluoromethane* | *4.88* | | " | *5.00* | | *98* | *70-120* | | | |
| *Surrogate: Toluene-d8* | *5.08* | | " | *5.00* | | *102* | *75-120* | | | |
| **Batch 7D06014 - EPA 5030B P/T / LUFT GCMS** | | | | | | | | | | |
| **Blank (7D06014-BLK1)** | | | | Prepared & Analyzed: 04/06/07 | | | | | | |
| Gasoline Range Organics (C4-C12) | ND | 100 | ug/kg | | | | | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *4.90* | | " | *5.00* | | *98* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.14* | | " | *5.00* | | *103* | *60-120* | | | |
| *Surrogate: Dibromofluoromethane* | *5.44* | | " | *5.00* | | *109* | *70-120* | | | |
| *Surrogate: Toluene-d8* | *5.18* | | " | *5.00* | | *104* | *75-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

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

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 7D06014 - EPA 5030B P/T / LUFT GCMS** | | | | | | | | | | |
| **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* | | " | *5.00* | | *102* | *70-120* | | | |
| *Surrogate: Toluene-d8* | *5.16* | | " | *5.00* | | *103* | *75-120* | | | |
| **Laboratory Control Sample Dup (7D06014-BSD2)** | | | | 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* | | " | *5.00* | | *100* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.14* | | " | *5.00* | | *103* | *60-120* | | | |
| *Surrogate: Dibromofluoromethane* | *5.06* | | " | *5.00* | | *101* | *70-120* | | | |
| *Surrogate: Toluene-d8* | *5.14* | | " | *5.00* | | *103* | *75-120* | | | |
| **Batch 7D07005 - EPA 5030B P/T / LUFT GCMS** | | | | | | | | | | |
| **Blank (7D07005-BLK1)** | | | | Prepared & Analyzed: 04/07/07 | | | | | | |
| Gasoline Range Organics (C4-C12) | ND | 100 | ug/kg | | | | | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *4.52* | | " | *5.00* | | *90* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *4.64* | | " | *5.00* | | *93* | *60-120* | | | |
| *Surrogate: Dibromofluoromethane* | *4.56* | | " | *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* | | " | *5.00* | | *95* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *4.88* | | " | *5.00* | | *98* | *60-120* | | | |
| *Surrogate: Dibromofluoromethane* | *4.60* | | " | *5.00* | | *92* | *70-120* | | | |
| *Surrogate: Toluene-d8* | *4.80* | | " | *5.00* | | *96* | *75-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

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

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 7D07005 - EPA 5030B P/T / LUFT GCMS** | | | | | | | | | | |
| **Laboratory Control Sample Dup (7D07005-BSD2)** | | | | 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* | | " | *5.00* | | *92* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.12* | | " | *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 GCMS** | | | | | | | | | | |
| **Blank (7D09015-BLK1)** | | | | Prepared: 04/09/07 Analyzed: 04/10/07 | | | | | | |
| Gasoline Range Organics (C4-C12) | ND | 100 | ug/kg | | | | | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *4.56* | | " | *5.00* | | *91* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *4.56* | | " | *5.00* | | *91* | *60-120* | | | |
| *Surrogate: Dibromofluoromethane* | *4.62* | | " | *5.00* | | *92* | *70-120* | | | |
| *Surrogate: Toluene-d8* | *4.58* | | " | *5.00* | | *92* | *75-120* | | | |
| **Laboratory Control Sample (7D09015-BS2)** | | | | Prepared: 04/09/07 Analyzed: 04/10/07 | | | | | | |
| Gasoline Range Organics (C4-C12) | 638 | 100 | ug/kg | 1000 | | 64 | 45-135 | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *4.92* | | " | *5.00* | | *98* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *4.94* | | " | *5.00* | | *99* | *60-120* | | | |
| *Surrogate: Dibromofluoromethane* | *4.70* | | " | *5.00* | | *94* | *70-120* | | | |
| *Surrogate: Toluene-d8* | *4.72* | | " | *5.00* | | *94* | *75-120* | | | |
| **Laboratory Control Sample Dup (7D09015-BSD2)** | | | | Prepared: 04/09/07 Analyzed: 04/10/07 | | | | | | |
| Gasoline Range Organics (C4-C12) | 600 | 100 | ug/kg | 1000 | | 60 | 45-135 | 6 | 40 | |
| *Surrogate: 1,2-Dichloroethane-d4* | *4.22* | | " | *5.00* | | *84* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *4.42* | | " | *5.00* | | *88* | *60-120* | | | |
| *Surrogate: Dibromofluoromethane* | *4.64* | | " | *5.00* | | *93* | *70-120* | | | |
| *Surrogate: Toluene-d8* | *4.78* | | " | *5.00* | | *96* | *75-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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:** |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

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

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 7D10010 - EPA 5030B P/T / LUFT 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* | | " | *5.00* | | *100* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *4.70* | | " | *5.00* | | *94* | *60-120* | | | |
| *Surrogate: Dibromofluoromethane* | *5.20* | | " | *5.00* | | *104* | *70-120* | | | |
| *Surrogate: Toluene-d8* | *4.92* | | " | *5.00* | | *98* | *75-120* | | | |
| **Laboratory Control Sample (7D10010-BS2)** | | | | 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-Bromofluorobenzene* | *5.14* | | " | *5.00* | | *103* | *60-120* | | | |
| *Surrogate: Dibromofluoromethane* | *5.32* | | " | *5.00* | | *106* | *70-120* | | | |
| *Surrogate: Toluene-d8* | *5.14* | | " | *5.00* | | *103* | *75-120* | | | |
| **Laboratory Control Sample Dup (7D10010-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* | | " | *5.00* | | *104* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.08* | | " | *5.00* | | *102* | *60-120* | | | |
| *Surrogate: Dibromofluoromethane* | *5.14* | | " | *5.00* | | *103* | *70-120* | | | |
| *Surrogate: Toluene-d8* | *5.16* | | " | *5.00* | | *103* | *75-120* | | | |
| **Batch 7D10013 - EPA 5030B/5035A MeOH / LUFT GCMS** | | | | | | | | | | |
| **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* | | " | *2.50* | | *93* | *60-120* | | | |
| *Surrogate: Dibromofluoromethane* | *2.16* | | " | *2.50* | | *86* | *70-120* | | | |
| *Surrogate: Toluene-d8* | *2.32* | | " | *2.50* | | *93* | *75-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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:** |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

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

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 7D10013 - EPA 5030B/5035A MeOH / LUFT GCMS** | | | | | | | | | | |
| **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* | | " | *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* | | " | *2.50* | | *96* | *75-120* | | | |
| **Laboratory Control Sample Dup (7D10013-BSD2)** | | | | 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* | | " | *2.50* | | *92* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *2.39* | | " | *2.50* | | *96* | *60-120* | | | |
| *Surrogate: Dibromofluoromethane* | *2.22* | | " | *2.50* | | *89* | *70-120* | | | |
| *Surrogate: Toluene-d8* | *2.39* | | " | *2.50* | | *96* | *75-120* | | | |
| **Batch 7D11009 - EPA 5030B P/T / LUFT GCMS** | | | | | | | | | | |
| **Blank (7D11009-BLK1)** | | | | Prepared & Analyzed: 04/11/07 | | | | | | |
| Gasoline Range Organics (C4-C12) | ND | 100 | ug/kg | | | | | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.38* | | " | *5.00* | | *108* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.14* | | " | *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 & Analyzed: 04/11/07 | | | | | | |
| Gasoline Range Organics (C4-C12) | 853 | 100 | ug/kg | 1000 | | 85 | 45-135 | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.56* | | " | *5.00* | | *111* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.10* | | " | *5.00* | | *102* | *60-120* | | | |
| *Surrogate: Dibromofluoromethane* | *5.34* | | " | *5.00* | | *107* | *70-120* | | | |
| *Surrogate: Toluene-d8* | *5.22* | | " | *5.00* | | *104* | *75-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

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

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 7D11009 - EPA 5030B P/T / LUFT 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* | | " | *5.00* | | *106* | *60-120* | | | |
| *Surrogate: Dibromofluoromethane* | *5.26* | | " | *5.00* | | *105* | *70-120* | | | |
| *Surrogate: Toluene-d8* | *5.18* | | " | *5.00* | | *104* | *75-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| 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 | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 7D05015 - EPA 5030B P/T / EPA 8260B** | | | | | | | | | | |
| **Blank (7D05015-BLK1)** | | | | Prepared: 04/05/07 Analyzed: 04/06/07 | | | | | | |
| Benzene | ND | 5.0 | ug/kg | | | | | | | |
| Toluene | ND | 5.0 | " | | | | | | | |
| Ethylbenzene | ND | 5.0 | " | | | | | | | |
| Xylenes (total) | ND | 5.0 | " | | | | | | | |
| Methyl tert-butyl ether | ND | 5.0 | " | | | | | | | |
| Di-isopropyl ether | ND | 5.0 | " | | | | | | | |
| Ethyl tert-butyl ether | ND | 5.0 | " | | | | | | | |
| tert-Amyl methyl ether | ND | 5.0 | " | | | | | | | |
| tert-Butyl alcohol | ND | 20 | " | | | | | | | |
| 1,2-Dichloroethane | ND | 5.0 | " | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 5.0 | " | | | | | | | |
| Ethanol | ND | 100 | " | | | | | | | |
| *Surrogate: Dibromofluoromethane* | *5.10* | | " | *5.00* | | *102* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.36* | | " | *5.00* | | *107* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *4.60* | | " | *5.00* | | *92* | *60-120* | | | |
| **Laboratory Control Sample (7D05015-BS1)** | | | | Prepared & Analyzed: 04/05/07 | | | | | | |
| Benzene | 20.9 | 5.0 | ug/kg | 20.0 | | 104 | 70-140 | | | |
| Toluene | 20.3 | 5.0 | " | 20.0 | | 102 | 75-135 | | | |
| Ethylbenzene | 19.9 | 5.0 | " | 20.0 | | 100 | 75-140 | | | |
| Xylenes (total) | 60.0 | 5.0 | " | 60.0 | | 100 | 75-145 | | | |
| Methyl tert-butyl ether | 21.0 | 5.0 | " | 20.0 | | 105 | 75-130 | | | |
| Di-isopropyl ether | 22.2 | 5.0 | " | 20.0 | | 111 | 60-135 | | | |
| Ethyl tert-butyl ether | 22.0 | 5.0 | " | 20.0 | | 110 | 70-125 | | | |
| tert-Amyl methyl ether | 20.9 | 5.0 | " | 20.0 | | 104 | 65-140 | | | |
| tert-Butyl alcohol | 403 | 20 | " | 400 | | 101 | 75-130 | | | |
| 1,2-Dichloroethane | 23.1 | 5.0 | " | 20.0 | | 116 | 75-130 | | | |
| 1,2-Dibromoethane (EDB) | 22.1 | 5.0 | " | 20.0 | | 110 | 70-145 | | | |
| Ethanol | 599 | 100 | " | 400 | | 150 | 50-150 | | | |
| *Surrogate: Dibromofluoromethane* | *5.40* | | " | *5.00* | | *108* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.86* | | " | *5.00* | | *117* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *4.80* | | " | *5.00* | | *96* | *60-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| 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 | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 7D05015 - EPA 5030B P/T / EPA 8260B** | | | | | | | | | | |
| **Matrix Spike (7D05015-MS1)** | **Source: MQD0015-13** | | | Prepared: 04/05/07 Analyzed: 04/06/07 | | | | | | |
| Benzene | 19.8 | 5.0 | ug/kg | 20.0 | ND | 99 | 70-140 | | | |
| Toluene | 19.3 | 5.0 | " | 20.0 | 0.38 | 95 | 75-135 | | | |
| Ethylbenzene | 19.2 | 5.0 | " | 20.0 | ND | 96 | 75-140 | | | |
| Xylenes (total) | 57.8 | 5.0 | " | 60.0 | ND | 96 | 75-145 | | | |
| Methyl tert-butyl ether | 335 | 5.0 | " | 20.0 | 220 | 575 | 75-130 | | | MHA |
| Di-isopropyl ether | 19.9 | 5.0 | " | 20.0 | ND | 100 | 60-135 | | | |
| Ethyl tert-butyl ether | 19.5 | 5.0 | " | 20.0 | ND | 98 | 70-125 | | | |
| tert-Amyl methyl ether | 19.0 | 5.0 | " | 20.0 | ND | 95 | 65-140 | | | |
| tert-Butyl alcohol | 580 | 20 | " | 400 | 140 | 110 | 75-130 | | | |
| 1,2-Dichloroethane | 20.0 | 5.0 | " | 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 | | | M7 |
| *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* | | " | *5.00* | | *107* | *60-120* | | | |
| **Matrix Spike Dup (7D05015-MSD1)** | **Source: MQD0015-13** | | | Prepared: 04/05/07 Analyzed: 04/06/07 | | | | | | |
| Benzene | 21.5 | 5.0 | ug/kg | 20.0 | ND | 108 | 70-140 | 8 | 25 | |
| Toluene | 20.5 | 5.0 | " | 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 | " | 60.0 | ND | 98 | 75-145 | 2 | 30 | |
| Methyl tert-butyl ether | 316 | 5.0 | " | 20.0 | 220 | 480 | 75-130 | 6 | 25 | MHA |
| Di-isopropyl ether | 21.4 | 5.0 | " | 20.0 | ND | 107 | 60-135 | 7 | 40 | |
| Ethyl tert-butyl ether | 21.3 | 5.0 | " | 20.0 | ND | 106 | 70-125 | 9 | 30 | |
| tert-Amyl methyl ether | 20.9 | 5.0 | " | 20.0 | ND | 104 | 65-140 | 10 | 25 | |
| tert-Butyl alcohol | 529 | 20 | " | 400 | 140 | 97 | 75-130 | 9 | 25 | |
| 1,2-Dichloroethane | 21.8 | 5.0 | " | 20.0 | ND | 109 | 75-130 | 9 | 25 | |
| 1,2-Dibromoethane (EDB) | 21.3 | 5.0 | " | 20.0 | ND | 106 | 70-145 | 4 | 30 | |
| Ethanol | 576 | 100 | " | 400 | ND | 144 | 50-150 | 12 | 30 | |
| *Surrogate: Dibromofluoromethane* | *5.52* | | " | *5.00* | | *110* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.14* | | " | *5.00* | | *103* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.28* | | " | *5.00* | | *106* | *60-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| 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 | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 7D06014 - EPA 5030B P/T / EPA 8260B** | | | | | | | | | | |
| **Blank (7D06014-BLK1)** | | | | Prepared & Analyzed: 04/06/07 | | | | | | |
| Benzene | ND | 5.0 | ug/kg | | | | | | | |
| Toluene | ND | 5.0 | " | | | | | | | |
| Ethylbenzene | ND | 5.0 | " | | | | | | | |
| Xylenes (total) | ND | 5.0 | " | | | | | | | |
| Methyl tert-butyl ether | ND | 5.0 | " | | | | | | | |
| Di-isopropyl ether | ND | 5.0 | " | | | | | | | |
| Ethyl tert-butyl ether | ND | 5.0 | " | | | | | | | |
| tert-Amyl methyl ether | ND | 5.0 | " | | | | | | | |
| tert-Butyl alcohol | ND | 20 | " | | | | | | | |
| 1,2-Dichloroethane | ND | 5.0 | " | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 5.0 | " | | | | | | | |
| Ethanol | ND | 100 | " | | | | | | | |
| *Surrogate: Dibromofluoromethane* | *5.44* | | " | *5.00* | | *109* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *4.90* | | " | *5.00* | | *98* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.14* | | " | *5.00* | | *103* | *60-120* | | | |
| **Laboratory Control Sample (7D06014-BS1)** | | | | Prepared & Analyzed: 04/06/07 | | | | | | |
| Benzene | 19.9 | 5.0 | ug/kg | 20.0 | | 100 | 70-140 | | | |
| Toluene | 19.8 | 5.0 | " | 20.0 | | 99 | 75-135 | | | |
| Ethylbenzene | 20.5 | 5.0 | " | 20.0 | | 102 | 75-140 | | | |
| Xylenes (total) | 61.5 | 5.0 | " | 60.0 | | 102 | 75-145 | | | |
| Methyl tert-butyl ether | 20.1 | 5.0 | " | 20.0 | | 100 | 75-130 | | | |
| Di-isopropyl ether | 18.3 | 5.0 | " | 20.0 | | 92 | 60-135 | | | |
| Ethyl tert-butyl ether | 19.3 | 5.0 | " | 20.0 | | 96 | 70-125 | | | |
| tert-Amyl methyl ether | 19.5 | 5.0 | " | 20.0 | | 98 | 65-140 | | | |
| tert-Butyl alcohol | 415 | 20 | " | 400 | | 104 | 75-130 | | | |
| 1,2-Dichloroethane | 19.3 | 5.0 | " | 20.0 | | 96 | 75-130 | | | |
| 1,2-Dibromoethane (EDB) | 21.1 | 5.0 | " | 20.0 | | 106 | 70-145 | | | |
| Ethanol | 413 | 100 | " | 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* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.04* | | " | *5.00* | | *101* | *60-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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:** |
| 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 | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 7D06014 - EPA 5030B P/T / EPA 8260B** | | | | | | | | | | |
| **Matrix Spike (7D06014-MS1)** | **Source: MQD0019-14** | | | Prepared & 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 | " | 20.0 | ND | 100 | 75-140 | | | |
| Xylenes (total) | 60.6 | 5.0 | " | 60.0 | ND | 101 | 75-145 | | | |
| Methyl tert-butyl ether | 30.4 | 5.0 | " | 20.0 | 13 | 87 | 75-130 | | | |
| Di-isopropyl ether | 20.2 | 5.0 | " | 20.0 | ND | 101 | 60-135 | | | |
| Ethyl tert-butyl ether | 20.9 | 5.0 | " | 20.0 | ND | 104 | 70-125 | | | |
| tert-Amyl methyl ether | 21.3 | 5.0 | " | 20.0 | ND | 106 | 65-140 | | | |
| tert-Butyl alcohol | 355 | 20 | " | 400 | ND | 89 | 75-130 | | | |
| 1,2-Dichloroethane | 21.6 | 5.0 | " | 20.0 | ND | 108 | 75-130 | | | |
| 1,2-Dibromoethane (EDB) | 22.7 | 5.0 | " | 20.0 | ND | 114 | 70-145 | | | |
| Ethanol | 445 | 100 | " | 400 | ND | 111 | 50-150 | | | |
| *Surrogate: Dibromofluoromethane* | *5.36* | | " | *5.00* | | *107* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *4.96* | | " | *5.00* | | *99* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.28* | | " | *5.00* | | *106* | *60-120* | | | |
| **Matrix Spike Dup (7D06014-MSD1)** | **Source: MQD0019-14** | | | Prepared & Analyzed: 04/06/07 | | | | | | |
| Benzene | 21.0 | 5.0 | ug/kg | 20.0 | ND | 105 | 70-140 | 3 | 25 | |
| Toluene | 21.0 | 5.0 | " | 20.0 | 0.88 | 101 | 75-135 | 3 | 25 | |
| Ethylbenzene | 20.0 | 5.0 | " | 20.0 | ND | 100 | 75-140 | 0 | 30 | |
| Xylenes (total) | 59.5 | 5.0 | " | 60.0 | ND | 99 | 75-145 | 2 | 30 | |
| Methyl tert-butyl ether | 29.0 | 5.0 | " | 20.0 | 13 | 80 | 75-130 | 5 | 25 | |
| Di-isopropyl ether | 19.9 | 5.0 | " | 20.0 | ND | 100 | 60-135 | 1 | 40 | |
| Ethyl tert-butyl ether | 21.0 | 5.0 | " | 20.0 | ND | 105 | 70-125 | 0.5 | 30 | |
| tert-Amyl methyl ether | 21.7 | 5.0 | " | 20.0 | ND | 108 | 65-140 | 2 | 25 | |
| tert-Butyl alcohol | 347 | 20 | " | 400 | ND | 87 | 75-130 | 2 | 25 | |
| 1,2-Dichloroethane | 21.7 | 5.0 | " | 20.0 | ND | 108 | 75-130 | 0.5 | 25 | |
| 1,2-Dibromoethane (EDB) | 24.7 | 5.0 | " | 20.0 | ND | 124 | 70-145 | 8 | 30 | |
| Ethanol | 428 | 100 | " | 400 | ND | 107 | 50-150 | 4 | 30 | |
| *Surrogate: Dibromofluoromethane* | *5.40* | | " | *5.00* | | *108* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.16* | | " | *5.00* | | *103* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.18* | | " | *5.00* | | *104* | *60-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| 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 | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 7D07005 - EPA 5030B P/T / EPA 8260B** | | | | | | | | | | |
| **Blank (7D07005-BLK1)** | | | | Prepared & Analyzed: 04/07/07 | | | | | | |
| Benzene | ND | 5.0 | ug/kg | | | | | | | |
| Toluene | ND | 5.0 | " | | | | | | | |
| Ethylbenzene | ND | 5.0 | " | | | | | | | |
| Xylenes (total) | ND | 5.0 | " | | | | | | | |
| Methyl tert-butyl ether | ND | 5.0 | " | | | | | | | |
| Di-isopropyl ether | ND | 5.0 | " | | | | | | | |
| Ethyl tert-butyl ether | ND | 5.0 | " | | | | | | | |
| tert-Amyl methyl ether | ND | 5.0 | " | | | | | | | |
| tert-Butyl alcohol | ND | 20 | " | | | | | | | |
| 1,2-Dichloroethane | ND | 5.0 | " | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 5.0 | " | | | | | | | |
| Ethanol | ND | 100 | " | | | | | | | C |
| *Surrogate: Dibromofluoromethane* | *4.56* | | " | *5.00* | | *91* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *4.52* | | " | *5.00* | | *90* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *4.64* | | " | *5.00* | | *93* | *60-120* | | | |
| **Laboratory Control Sample (7D07005-BS1)** | | | | Prepared & Analyzed: 04/07/07 | | | | | | |
| Benzene | 19.9 | 5.0 | ug/kg | 20.0 | | 100 | 70-140 | | | |
| Toluene | 20.3 | 5.0 | " | 20.0 | | 102 | 75-135 | | | |
| Ethylbenzene | 20.3 | 5.0 | " | 20.0 | | 102 | 75-140 | | | |
| Xylenes (total) | 60.5 | 5.0 | " | 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 | " | 20.0 | | 102 | 60-135 | | | |
| Ethyl tert-butyl ether | 19.7 | 5.0 | " | 20.0 | | 98 | 70-125 | | | |
| tert-Amyl methyl ether | 19.2 | 5.0 | " | 20.0 | | 96 | 65-140 | | | |
| tert-Butyl alcohol | 402 | 20 | " | 400 | | 100 | 75-130 | | | |
| 1,2-Dichloroethane | 18.7 | 5.0 | " | 20.0 | | 94 | 75-130 | | | |
| 1,2-Dibromoethane (EDB) | 20.4 | 5.0 | " | 20.0 | | 102 | 70-145 | | | |
| Ethanol | 437 | 100 | " | 400 | | 109 | 50-150 | | | C |
| *Surrogate: Dibromofluoromethane* | *4.66* | | " | *5.00* | | *93* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *4.62* | | " | *5.00* | | *92* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *4.74* | | " | *5.00* | | *95* | *60-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| 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 | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 7D07005 - EPA 5030B P/T / EPA 8260B** | | | | | | | | | | |
| **Matrix Spike (7D07005-MS1)** | **Source: MQD0018-01** | | | Prepared & Analyzed: 04/07/07 | | | | | | |
| Benzene | 23.0 | 5.0 | ug/kg | 20.0 | ND | 115 | 70-140 | | | |
| Toluene | 23.6 | 5.0 | " | 20.0 | ND | 118 | 75-135 | | | |
| Ethylbenzene | 21.9 | 5.0 | " | 20.0 | ND | 110 | 75-140 | | | |
| Xylenes (total) | 65.2 | 5.0 | " | 60.0 | ND | 109 | 75-145 | | | |
| Methyl tert-butyl ether | 67.9 | 5.0 | " | 20.0 | 38 | 150 | 75-130 | | | M1 |
| Di-isopropyl ether | 24.0 | 5.0 | " | 20.0 | ND | 120 | 60-135 | | | |
| Ethyl tert-butyl ether | 23.0 | 5.0 | " | 20.0 | ND | 115 | 70-125 | | | |
| tert-Amyl methyl ether | 22.5 | 5.0 | " | 20.0 | ND | 112 | 65-140 | | | |
| tert-Butyl alcohol | 458 | 20 | " | 400 | 37 | 105 | 75-130 | | | |
| 1,2-Dichloroethane | 21.4 | 5.0 | " | 20.0 | ND | 107 | 75-130 | | | |
| 1,2-Dibromoethane (EDB) | 22.3 | 5.0 | " | 20.0 | ND | 112 | 70-145 | | | |
| Ethanol | 610 | 100 | " | 400 | ND | 152 | 50-150 | | | C, M7 |
| *Surrogate: Dibromofluoromethane* | *1.58* | | " | *5.00* | | *32* | *70-120* | | | *ZX* |
| *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 | " | 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 | " | 60.0 | ND | 102 | 75-145 | 7 | 30 | |
| Methyl tert-butyl ether | 67.5 | 5.0 | " | 20.0 | 38 | 148 | 75-130 | 0.6 | 25 | M1 |
| Di-isopropyl ether | 18.4 | 5.0 | " | 20.0 | ND | 92 | 60-135 | 26 | 40 | |
| Ethyl tert-butyl ether | 19.5 | 5.0 | " | 20.0 | ND | 98 | 70-125 | 16 | 30 | |
| tert-Amyl methyl ether | 19.8 | 5.0 | " | 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 | " | 20.0 | ND | 92 | 75-130 | 16 | 25 | |
| 1,2-Dibromoethane (EDB) | 22.0 | 5.0 | " | 20.0 | ND | 110 | 70-145 | 1 | 30 | |
| Ethanol | 426 | 100 | " | 400 | ND | 106 | 50-150 | 36 | 30 | R2, C |
| *Surrogate: Dibromofluoromethane* | *0.860* | | " | *5.00* | | *17* | *70-120* | | | *ZX* |
| *Surrogate: 1,2-Dichloroethane-d4* | *4.06* | | " | *5.00* | | *81* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *4.66* | | " | *5.00* | | *93* | *60-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| 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 | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 7D09015 - EPA 5030B P/T / EPA 8260B** | | | | | | | | | | |
| **Blank (7D09015-BLK1)** | | | | Prepared: 04/09/07 Analyzed: 04/10/07 | | | | | | |
| Benzene | ND | 5.0 | ug/kg | | | | | | | |
| Toluene | ND | 5.0 | " | | | | | | | |
| Ethylbenzene | ND | 5.0 | " | | | | | | | |
| Xylenes (total) | ND | 5.0 | " | | | | | | | |
| Methyl tert-butyl ether | ND | 5.0 | " | | | | | | | |
| Di-isopropyl ether | ND | 5.0 | " | | | | | | | |
| Ethyl tert-butyl ether | ND | 5.0 | " | | | | | | | |
| tert-Amyl methyl ether | ND | 5.0 | " | | | | | | | |
| tert-Butyl alcohol | ND | 20 | " | | | | | | | |
| 1,2-Dichloroethane | ND | 5.0 | " | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 5.0 | " | | | | | | | |
| Ethanol | ND | 100 | " | | | | | | | |
| *Surrogate: Dibromofluoromethane* | *4.62* | | " | *5.00* | | *92* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *4.56* | | " | *5.00* | | *91* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *4.56* | | " | *5.00* | | *91* | *60-120* | | | |
| **Laboratory Control Sample (7D09015-BS1)** | | | | Prepared: 04/09/07 Analyzed: 04/10/07 | | | | | | |
| Benzene | 19.9 | 5.0 | ug/kg | 20.0 | | 100 | 70-140 | | | |
| Toluene | 20.2 | 5.0 | " | 20.0 | | 101 | 75-135 | | | |
| Ethylbenzene | 20.4 | 5.0 | " | 20.0 | | 102 | 75-140 | | | |
| Xylenes (total) | 60.0 | 5.0 | " | 60.0 | | 100 | 75-145 | | | |
| Methyl tert-butyl ether | 20.9 | 5.0 | " | 20.0 | | 104 | 75-130 | | | |
| Di-isopropyl ether | 22.0 | 5.0 | " | 20.0 | | 110 | 60-135 | | | |
| Ethyl tert-butyl ether | 20.3 | 5.0 | " | 20.0 | | 102 | 70-125 | | | |
| tert-Amyl methyl ether | 19.4 | 5.0 | " | 20.0 | | 97 | 65-140 | | | |
| tert-Butyl alcohol | 410 | 20 | " | 400 | | 102 | 75-130 | | | |
| 1,2-Dichloroethane | 19.7 | 5.0 | " | 20.0 | | 98 | 75-130 | | | |
| 1,2-Dibromoethane (EDB) | 20.5 | 5.0 | " | 20.0 | | 102 | 70-145 | | | |
| Ethanol | 523 | 100 | " | 400 | | 131 | 50-150 | | | |
| *Surrogate: Dibromofluoromethane* | *4.92* | | " | *5.00* | | *98* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *4.82* | | " | *5.00* | | *96* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *4.88* | | " | *5.00* | | *98* | *60-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| 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 | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 7D09015 - EPA 5030B P/T / EPA 8260B** | | | | | | | | | | |
| **Matrix Spike (7D09015-MS1)** | **Source: MQD0015-02** | | | Prepared: 04/09/07 Analyzed: 04/10/07 | | | | | | |
| Benzene | 20.0 | 5.0 | ug/kg | 20.0 | ND | 100 | 70-140 | | | |
| Toluene | 19.5 | 5.0 | " | 20.0 | ND | 98 | 75-135 | | | |
| Ethylbenzene | 20.1 | 5.0 | " | 20.0 | ND | 100 | 75-140 | | | |
| Xylenes (total) | 58.9 | 5.0 | " | 60.0 | ND | 98 | 75-145 | | | |
| Methyl tert-butyl ether | 19.5 | 5.0 | " | 20.0 | 0.76 | 94 | 75-130 | | | |
| Di-isopropyl ether | 20.1 | 5.0 | " | 20.0 | ND | 100 | 60-135 | | | |
| Ethyl tert-butyl ether | 18.4 | 5.0 | " | 20.0 | ND | 92 | 70-125 | | | |
| tert-Amyl methyl ether | 17.7 | 5.0 | " | 20.0 | ND | 88 | 65-140 | | | |
| tert-Butyl alcohol | 403 | 20 | " | 400 | ND | 101 | 75-130 | | | |
| 1,2-Dichloroethane | 17.4 | 5.0 | " | 20.0 | ND | 87 | 75-130 | | | |
| 1,2-Dibromoethane (EDB) | 18.3 | 5.0 | " | 20.0 | ND | 92 | 70-145 | | | |
| Ethanol | 476 | 100 | " | 400 | ND | 119 | 50-150 | | | |
| *Surrogate: Dibromofluoromethane* | *4.64* | | " | *5.00* | | *93* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *4.36* | | " | *5.00* | | *87* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *4.80* | | " | *5.00* | | *96* | *60-120* | | | |
| **Matrix Spike Dup (7D09015-MSD1)** | **Source: MQD0015-02** | | | Prepared: 04/09/07 Analyzed: 04/10/07 | | | | | | |
| Benzene | 20.1 | 5.0 | ug/kg | 20.0 | ND | 100 | 70-140 | 0.5 | 25 | |
| Toluene | 19.7 | 5.0 | " | 20.0 | ND | 98 | 75-135 | 1 | 25 | |
| Ethylbenzene | 19.8 | 5.0 | " | 20.0 | ND | 99 | 75-140 | 2 | 30 | |
| Xylenes (total) | 58.7 | 5.0 | " | 60.0 | ND | 98 | 75-145 | 0.3 | 30 | |
| Methyl tert-butyl ether | 20.4 | 5.0 | " | 20.0 | 0.76 | 98 | 75-130 | 5 | 25 | |
| Di-isopropyl ether | 20.2 | 5.0 | " | 20.0 | ND | 101 | 60-135 | 0.5 | 40 | |
| Ethyl tert-butyl ether | 19.1 | 5.0 | " | 20.0 | ND | 96 | 70-125 | 4 | 30 | |
| tert-Amyl methyl ether | 18.3 | 5.0 | " | 20.0 | ND | 92 | 65-140 | 3 | 25 | |
| tert-Butyl alcohol | 390 | 20 | " | 400 | ND | 98 | 75-130 | 3 | 25 | |
| 1,2-Dichloroethane | 17.9 | 5.0 | " | 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 | " | 400 | ND | 132 | 50-150 | 10 | 30 | |
| *Surrogate: Dibromofluoromethane* | *4.70* | | " | *5.00* | | *94* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *4.28* | | " | *5.00* | | *86* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *4.84* | | " | *5.00* | | *97* | *60-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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:** |
| 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 | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 7D10010 - EPA 5030B P/T / EPA 8260B** | | | | | | | | | | |
| **Blank (7D10010-BLK1)** | | | | Prepared & Analyzed: 04/10/07 | | | | | | |
| Benzene | ND | 5.0 | ug/kg | | | | | | | |
| Toluene | ND | 5.0 | " | | | | | | | |
| Ethylbenzene | ND | 5.0 | " | | | | | | | |
| Xylenes (total) | ND | 5.0 | " | | | | | | | |
| Methyl tert-butyl ether | ND | 5.0 | " | | | | | | | |
| Di-isopropyl ether | ND | 5.0 | " | | | | | | | |
| Ethyl tert-butyl ether | ND | 5.0 | " | | | | | | | |
| tert-Amyl methyl ether | ND | 5.0 | " | | | | | | | |
| tert-Butyl alcohol | ND | 20 | " | | | | | | | |
| 1,2-Dichloroethane | ND | 5.0 | " | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 5.0 | " | | | | | | | |
| Ethanol | ND | 100 | " | | | | | | | |
| *Surrogate: Dibromofluoromethane* | *5.20* | | " | *5.00* | | *104* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.02* | | " | *5.00* | | *100* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *4.70* | | " | *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 | | | |
| Toluene | 21.0 | 5.0 | " | 20.0 | | 105 | 75-135 | | | |
| Ethylbenzene | 21.9 | 5.0 | " | 20.0 | | 110 | 75-140 | | | |
| Xylenes (total) | 67.9 | 5.0 | " | 60.0 | | 113 | 75-145 | | | |
| Methyl tert-butyl ether | 23.7 | 5.0 | " | 20.0 | | 118 | 75-130 | | | |
| Di-isopropyl ether | 20.5 | 5.0 | " | 20.0 | | 102 | 60-135 | | | |
| Ethyl tert-butyl ether | 21.4 | 5.0 | " | 20.0 | | 107 | 70-125 | | | |
| tert-Amyl methyl ether | 23.8 | 5.0 | " | 20.0 | | 119 | 65-140 | | | |
| tert-Butyl alcohol | 370 | 20 | " | 400 | | 92 | 75-130 | | | |
| 1,2-Dichloroethane | 20.6 | 5.0 | " | 20.0 | | 103 | 75-130 | | | |
| 1,2-Dibromoethane (EDB) | 23.1 | 5.0 | " | 20.0 | | 116 | 70-145 | | | |
| Ethanol | 236 | 100 | " | 400 | | 59 | 50-150 | | | |
| *Surrogate: Dibromofluoromethane* | *5.40* | | " | *5.00* | | *108* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.20* | | " | *5.00* | | *104* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.06* | | " | *5.00* | | *101* | *60-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| 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 | 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: MQD0015-26** | | | Prepared & Analyzed: 04/10/07 | | | | | | |
| Benzene | 22.2 | 5.0 | ug/kg | 20.0 | ND | 111 | 70-140 | | | |
| Toluene | 22.4 | 5.0 | " | 20.0 | ND | 112 | 75-135 | | | |
| Ethylbenzene | 23.2 | 5.0 | " | 20.0 | ND | 116 | 75-140 | | | |
| Xylenes (total) | 72.7 | 5.0 | " | 60.0 | ND | 121 | 75-145 | | | |
| Methyl tert-butyl ether | 31.8 | 5.0 | " | 20.0 | 26 | 29 | 75-130 | | | |
| Di-isopropyl ether | 22.6 | 5.0 | " | 20.0 | ND | 113 | 60-135 | | | |
| Ethyl tert-butyl ether | 22.2 | 5.0 | " | 20.0 | ND | 111 | 70-125 | | | |
| tert-Amyl methyl ether | 23.5 | 5.0 | " | 20.0 | ND | 118 | 65-140 | | | |
| tert-Butyl alcohol | 401 | 20 | " | 400 | 12 | 97 | 75-130 | | | |
| 1,2-Dichloroethane | 21.1 | 5.0 | " | 20.0 | ND | 106 | 75-130 | | | |
| 1,2-Dibromoethane (EDB) | 22.5 | 5.0 | " | 20.0 | ND | 112 | 70-145 | | | |
| Ethanol | 326 | 100 | " | 400 | ND | 82 | 50-150 | | | |
| *Surrogate: Dibromofluoromethane* | *5.06* | | " | *5.00* | | *101* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.10* | | " | *5.00* | | *102* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.00* | | " | *5.00* | | *100* | *60-120* | | | |
| **Matrix Spike Dup (7D10010-MSD1)** | **Source: MQD0015-26** | | | Prepared & Analyzed: 04/10/07 | | | | | | |
| Benzene | 22.6 | 5.0 | ug/kg | 20.0 | ND | 113 | 70-140 | 2 | 25 | |
| Toluene | 22.7 | 5.0 | " | 20.0 | ND | 114 | 75-135 | 1 | 25 | |
| Ethylbenzene | 23.7 | 5.0 | " | 20.0 | ND | 118 | 75-140 | 2 | 30 | |
| Xylenes (total) | 73.0 | 5.0 | " | 60.0 | ND | 122 | 75-145 | 0.4 | 30 | |
| Methyl tert-butyl ether | 37.3 | 5.0 | " | 20.0 | 26 | 56 | 75-130 | 16 | 25 | |
| Di-isopropyl ether | 23.3 | 5.0 | " | 20.0 | ND | 116 | 60-135 | 3 | 40 | |
| Ethyl tert-butyl ether | 23.5 | 5.0 | " | 20.0 | ND | 118 | 70-125 | 6 | 30 | |
| tert-Amyl methyl ether | 25.1 | 5.0 | " | 20.0 | ND | 126 | 65-140 | 7 | 25 | |
| tert-Butyl alcohol | 410 | 20 | " | 400 | 12 | 100 | 75-130 | 2 | 25 | |
| 1,2-Dichloroethane | 22.5 | 5.0 | " | 20.0 | ND | 112 | 75-130 | 6 | 25 | |
| 1,2-Dibromoethane (EDB) | 24.5 | 5.0 | " | 20.0 | ND | 122 | 70-145 | 9 | 30 | |
| Ethanol | 328 | 100 | " | 400 | ND | 82 | 50-150 | 0.6 | 30 | |
| *Surrogate: Dibromofluoromethane* | *5.28* | | " | *5.00* | | *106* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.34* | | " | *5.00* | | *107* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *4.88* | | " | *5.00* | | *98* | *60-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| 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 | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 7D10013 - EPA 5030B/5035A MeOH / EPA 8260B** | | | | | | | | | | |
| **Laboratory Control Sample Dup (7D10013-BSD1)** | | | | Prepared & Analyzed: 04/10/07 | | | | | | |
| Benzene | 1030 | 50 | ug/kg | 1000 | | 103 | 70-140 | 2 | 25 | |
| Toluene | 1080 | 50 | " | 1000 | | 108 | 75-135 | 0.9 | 25 | |
| Ethylbenzene | 1080 | 50 | " | 1000 | | 108 | 75-140 | 2 | 30 | |
| Xylenes (total) | 3290 | 50 | " | 3000 | | 110 | 75-145 | 1 | 30 | |
| Methyl tert-butyl ether | 1130 | 25 | " | 1000 | | 113 | 75-130 | 6 | 25 | |
| Di-isopropyl ether | 1160 | 25 | " | 1000 | | 116 | 60-135 | 4 | 40 | |
| Ethyl tert-butyl ether | 1080 | 25 | " | 1000 | | 108 | 70-125 | 5 | 30 | |
| tert-Amyl methyl ether | 1070 | 25 | " | 1000 | | 107 | 65-140 | 7 | 25 | |
| tert-Butyl alcohol | 21400 | 5000 | " | 20000 | | 107 | 75-130 | 2 | 25 | |
| 1,2-Dichloroethane | 970 | 25 | " | 1000 | | 97 | 75-130 | 1 | 25 | |
| 1,2-Dibromoethane (EDB) | 1040 | 25 | " | 1000 | | 104 | 70-145 | 6 | 30 | |
| Ethanol | 26700 | 10000 | " | 20000 | | 134 | 50-150 | 0.4 | 30 | |
| *Surrogate: Dibromofluoromethane* | *2.30* | | " | *2.50* | | *92* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *2.22* | | " | *2.50* | | *89* | *66-120* | | | |
| *Surrogate: Toluene-d8* | *2.38* | | " | *2.50* | | *95* | *75-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *2.39* | | " | *2.50* | | *96* | *60-120* | | | |
| **Batch 7D11009 - EPA 5030B P/T / EPA 8260B** | | | | | | | | | | |
| **Blank (7D11009-BLK1)** | | | | Prepared & Analyzed: 04/11/07 | | | | | | |
| Benzene | ND | 5.0 | ug/kg | | | | | | | |
| Toluene | ND | 5.0 | " | | | | | | | |
| Ethylbenzene | ND | 5.0 | " | | | | | | | |
| Xylenes (total) | ND | 5.0 | " | | | | | | | |
| Methyl tert-butyl ether | ND | 5.0 | " | | | | | | | |
| Di-isopropyl ether | ND | 5.0 | " | | | | | | | |
| Ethyl tert-butyl ether | ND | 5.0 | " | | | | | | | |
| tert-Amyl methyl ether | ND | 5.0 | " | | | | | | | |
| tert-Butyl alcohol | ND | 20 | " | | | | | | | |
| 1,2-Dichloroethane | ND | 5.0 | " | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 5.0 | " | | | | | | | |
| Ethanol | ND | 100 | " | | | | | | | |
| *Surrogate: Dibromofluoromethane* | *5.18* | | " | *5.00* | | *104* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.38* | | " | *5.00* | | *108* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.14* | | " | *5.00* | | *103* | *60-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| 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 | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 7D11009 - EPA 5030B P/T / EPA 8260B** | | | | | | | | | | |
| **Laboratory Control Sample (7D11009-BS1)** | | | | Prepared & Analyzed: 04/11/07 | | | | | | |
| Benzene | 22.3 | 5.0 | ug/kg | 20.0 | | 112 | 70-140 | | | |
| Toluene | 22.8 | 5.0 | " | 20.0 | | 114 | 75-135 | | | |
| Ethylbenzene | 22.7 | 5.0 | " | 20.0 | | 114 | 75-140 | | | |
| Xylenes (total) | 68.4 | 5.0 | " | 60.0 | | 114 | 75-145 | | | |
| Methyl tert-butyl ether | 23.9 | 5.0 | " | 20.0 | | 120 | 75-130 | | | |
| Di-isopropyl ether | 23.6 | 5.0 | " | 20.0 | | 118 | 60-135 | | | |
| Ethyl tert-butyl ether | 23.8 | 5.0 | " | 20.0 | | 119 | 70-125 | | | |
| tert-Amyl methyl ether | 23.9 | 5.0 | " | 20.0 | | 120 | 65-140 | | | |
| tert-Butyl alcohol | 432 | 20 | " | 400 | | 108 | 75-130 | | | |
| 1,2-Dichloroethane | 23.6 | 5.0 | " | 20.0 | | 118 | 75-130 | | | |
| 1,2-Dibromoethane (EDB) | 24.6 | 5.0 | " | 20.0 | | 123 | 70-145 | | | |
| Ethanol | 475 | 100 | " | 400 | | 119 | 50-150 | | | |
| *Surrogate: Dibromofluoromethane* | *5.36* | | " | *5.00* | | *107* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.20* | | " | *5.00* | | *104* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.10* | | " | *5.00* | | *102* | *60-120* | | | |
| **Matrix Spike (7D11009-MS1)** | **Source: MQD0015-30** | | | Prepared & Analyzed: 04/11/07 | | | | | | |
| Benzene | 20.4 | 5.0 | ug/kg | 20.0 | ND | 102 | 70-140 | | | |
| Toluene | 20.9 | 5.0 | " | 20.0 | ND | 104 | 75-135 | | | |
| Ethylbenzene | 20.9 | 5.0 | " | 20.0 | ND | 104 | 75-140 | | | |
| Xylenes (total) | 62.5 | 5.0 | " | 60.0 | ND | 104 | 75-145 | | | |
| Methyl tert-butyl ether | 21.9 | 5.0 | " | 20.0 | 0.54 | 107 | 75-130 | | | |
| Di-isopropyl ether | 21.4 | 5.0 | " | 20.0 | ND | 107 | 60-135 | | | |
| Ethyl tert-butyl ether | 21.6 | 5.0 | " | 20.0 | ND | 108 | 70-125 | | | |
| tert-Amyl methyl ether | 21.3 | 5.0 | " | 20.0 | ND | 106 | 65-140 | | | |
| tert-Butyl alcohol | 408 | 20 | " | 400 | ND | 102 | 75-130 | | | |
| 1,2-Dichloroethane | 21.2 | 5.0 | " | 20.0 | ND | 106 | 75-130 | | | |
| 1,2-Dibromoethane (EDB) | 21.8 | 5.0 | " | 20.0 | ND | 109 | 70-145 | | | |
| Ethanol | 442 | 100 | " | 400 | ND | 110 | 50-150 | | | |
| *Surrogate: Dibromofluoromethane* | *5.36* | | " | *5.00* | | *107* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.12* | | " | *5.00* | | *102* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.10* | | " | *5.00* | | *102* | *60-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| 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 | 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: MQD0015-30** | | | Prepared & Analyzed: 04/11/07 | | | | | | |
| Benzene | 21.7 | 5.0 | ug/kg | 20.0 | ND | 108 | 70-140 | 6 | 25 | |
| Toluene | 22.5 | 5.0 | " | 20.0 | ND | 112 | 75-135 | 7 | 25 | |
| Ethylbenzene | 22.4 | 5.0 | " | 20.0 | ND | 112 | 75-140 | 7 | 30 | |
| Xylenes (total) | 67.4 | 5.0 | " | 60.0 | ND | 112 | 75-145 | 8 | 30 | |
| Methyl tert-butyl ether | 22.4 | 5.0 | " | 20.0 | 0.54 | 109 | 75-130 | 2 | 25 | |
| Di-isopropyl ether | 22.8 | 5.0 | " | 20.0 | ND | 114 | 60-135 | 6 | 40 | |
| Ethyl tert-butyl ether | 22.6 | 5.0 | " | 20.0 | ND | 113 | 70-125 | 5 | 30 | |
| tert-Amyl methyl ether | 22.3 | 5.0 | " | 20.0 | ND | 112 | 65-140 | 5 | 25 | |
| tert-Butyl alcohol | 451 | 20 | " | 400 | ND | 113 | 75-130 | 10 | 25 | |
| 1,2-Dichloroethane | 22.0 | 5.0 | " | 20.0 | ND | 110 | 75-130 | 4 | 25 | |
| 1,2-Dibromoethane (EDB) | 22.3 | 5.0 | " | 20.0 | ND | 112 | 70-145 | 2 | 30 | |
| Ethanol | 471 | 100 | " | 400 | ND | 118 | 50-150 | 6 | 30 | |
| *Surrogate: Dibromofluoromethane* | *5.26* | | " | *5.00* | | *105* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.14* | | " | *5.00* | | *103* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.06* | | " | *5.00* | | *101* | *60-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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: |
| San Jose CA, 95119 | Project Manager: Lee Dooley | 04/17/07 21:11 |

**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
- ☑ TA - Morgan Hill, California
- ☐ TA - Sacramento, California
- ☐ TA - Nashville, Tennessee
- ☐ Calscience
- ☐ Other_____

# SHELL Chain Of Custody Record

NAME OF PERSON TO BILL: Denis Brown

☑ ENVIRONMENTAL SERVICES ☐ NETWORK DEV. / FE ☐ BILL CONSULTANT ☐ COMPLIANCE ☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 8 9 9 5 8 4 0

DATE: 3/30/07

PO #:

SAP or CRMT #:

PAGE: 1 of 4

| SAMPLING COMPANY: | LOG CODE: | SITE ADDRESS: Street and City | State | GLOBAL ID NO.: |
|---|---|---|---|---|
| Delta Consultants | | 4226 1st Street, Pleasanton | CA | T0600101259 |

| ADDRESS: | EDF DELIVERABLE TO (Name, Company, Office Location): | PHONE NO.: | E-MAIL: | CONSULTANT PROJECT NO.: |
|---|---|---|---|---|
| 175 Bernal Road Suite 200, San Jose, CA | Jon Suing | 626-256-6662 | Jsuing@deltaenv.com | SJ42-26F-X |

PROJECT CONTACT (Hardcopy or PDF Report to): Lee Dooley

| TELEPHONE: | FAX: | E-MAIL: |
|---|---|---|
| 408-826-1880 | 408-225-8506 | ldooley@deltaenv.com |

SAMPLER NAME(S) (Print): Andy Persio

LAB USE ONLY: MQD00015

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS): ☑ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

SPECIAL INSTRUCTIONS OR NOTES:

☐ EDD NOT NEEDED
☐ SHELL CONTRACT RATE APPLIES
☐ STATE REIMB RATE APPLIES
☐ RECEIPT VERIFICATION REQUESTED

Please email results apersio@deltaenv.com and ldooley@deltaenv.com

REQUESTED ANALYSIS

| LAB USE ONLY | Field Sample Identification | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | TPH - Gas, Purgeable (8260B) | TPH - Diesel, Extractable (8015M) | BTEX (8260B) | 6 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE) | 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) | Total Lead (6010B) | | Total Oil and Grease (1664A) | | TEMPERATURE ON RECEIPT C° |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | B-1 d 5 | 3/27/07 | 10:00 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 02 | B-1 d 9.5 | 3/29/07 | 11:10 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 03 | B-1 d 14.5 | 3/29/07 | 11:15 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 04 | B-1 d 19.5 | 3/29/07 | 11:20 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 05 | B-1 d 24.5 | 3/29/07 | 11:23 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 06 | B-1 d 29.5 | 3/29/07 | 11:30 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 07 | B-1 d 34.5 | 3/29/07 | 11:35 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 08 | B-2 d 5 | 3/27/07 | 11:35 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 09 | B-2 d 9.5 | 3/29/07 | 9:40 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 10 | B-2 d 14.5 | 3/29/07 | 9:45 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |

FIELD NOTES:
Container/Preservative or PID Readings or Laboratory Notes

| Relinquished by: (Signature) | Received by: (Signature) | Date: | Time: |
|---|---|---|---|
| | | 3-30-07 | 1:30pm |
| | | 3-30-07 | 1640 |
| | | 3-30-07 | 1805 |

Q&Q Graphic (714) 898-9702

05/02/06 Revision

LAB: Test America

- ☐ TA - Irvine, California
- ☑ TA - Morgan Hill, California
- ☐ TA - Sacramento, California
- ☐ TA - Nashville, Tennessee
- ☐ Calscience
- ☐ Other_____

# SHELL Chain Of Custody Record

NAME OF PERSON TO BILL: Denis Brown

☑ ENVIRONMENTAL SERVICES ☐ NETWORK DEV. FE ☐ BIDD CONSULTANT ☐ COMPLIANCE ☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 8 9 9 5 8 4 0

DATE: 3/30/07

PAGE: 2 of 4

PO #:

SAP or CRMT #:

| SAMPLING COMPANY: | LOG CODE: | SITE ADDRESS: Street and City | State | GLOBAL ID NO.: |
|---|---|---|---|---|
| Delta Consultants | | 4226 1st Street, Pleasanton | CA | T0600101259 |

| ADDRESS: | EDF DELIVERABLE TO (Name, Company, Office Location): | PHONE NO.: | E-MAIL: | CONSULTANT PROJECT NO.: |
|---|---|---|---|---|
| 175 Bernal Road Suite 200, San Jose, CA | Jon Suing | 925-256-6662 | Jsuing@deltaenv.com | SJ42-26F-X |

| PROJECT CONTACT (Hardcopy or PDF Report to): | SAMPLER NAME(S) (Print): | LAB USE ONLY |
|---|---|---|
| Lee Dooley | Andy Persio | |

| TELEPHONE: | FAX: | E-MAIL: |
|---|---|---|
| 408-826-1880 | 408-225-8506 | ldooley@deltaenv.com |

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS): ☑ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

SPECIAL INSTRUCTIONS OR NOTES:

☐ EDD NOT NEEDED
☐ SHELL CONTRACT RATE APPLIES
☐ STATE REIMB RATE APPLIES
☐ RECEIPT VERIFICATION REQUESTED

Please email results apersio@deltaenv.com and ldooley@deltaenv.com

REQUESTED ANALYSIS

| LAB USE ONLY | Field Sample Identification | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | TPH - Gas, Purgeable (8260B) | TPH - Diesel, Extractable (8015M) | BTEX (8260B) | 5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE) | 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) | Total Lead (6010B) | Total Oil and Grease (1664A) | | TEMPERATURE ON RECEIPT C° |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | B-2 d 19.5 | 3/29/07 | 9:50 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 12 | B-2 d 24.5 | 3/29/07 | 10:00 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 13 | B-2 d 29 | 3/29/07 | 10:05 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 14 | B-2 d 34.5 | 3/29/07 | 10:10 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 15 | B-3 d 5 | 3/27/07 | 1:25 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 16 | B-3 d 9.5 | 3/28/07 | 1:50 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 17 | B-3 d 14.5 | 3/28/07 | 2:00 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 18 | B-3 d 19.5 | 3/28/07 | 2:10 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 19 | B-3 d 24.5 | 3/28/07 | 2:15 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 20 | B-3 d 29 | 3/28/07 | 2:18 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |

FIELD NOTES:
Container/Preservative or PID Readings or Laboratory Notes

| Relinquished by: (Signature) | Received by: (Signature) | Date: | Time: |
|---|---|---|---|
| | | 3-30-07 | 1:30 pm |
| | | 3-30-07 | 6:00 |
| | | 3-30-07 | 1807 |

Q&Q Graphic (714) 898-9702

05/02/06 Revision

# SHELL Chain Of Custody Record

LAB: Test America

☐ TA - Irvine, California
☑ TA - Morgan Hill, California
☐ TA - Sacramento, California
☐ TA - Nashville, Tennessee
☐ Calscience
☐ Other_____

NAME OF PERSON TO BILL: Denis Brown

☑ ENVIRONMENTAL SERVICES ☐ NETWORK DEV. / RE ☐ COMPLIANCE ☐ BILL CONSULTANT ☐ RWQCB/CRWQ

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 8 9 9 5 8 4 0

DATE: 3/30/07

PO #:

SAP or CRM #:

PAGE: 3 of 4

| SAMPLING COMPANY: | LOG CODE: | SITE ADDRESS: Street and City | State | GLOBAL ID NO.: |
|---|---|---|---|---|
| Delta Consultants | | 4226 1st Street, Pleasanton | CA | T0600101259 |

| ADDRESS: | EDF DELIVERABLE TO (Name, Company, Office Location): | PHONE NO.: | E-MAIL: | CONSULTANT PROJECT NO.: |
|---|---|---|---|---|
| 175 Bernal Road Suite 200, San Jose, CA | Jon Suing | 626-256-6662 | Jsuing@deltaenv.com | SJ42-26F-X |

| PROJECT CONTACT (Hardcopy or PDF Report to): | TELEPHONE: | FAX: | E-MAIL: |
|---|---|---|---|
| Lee Dooley | 408-826-1889 | 408-225-8506 | ldooley@deltaenv.com |

SAMPLER NAME(S) (Print): Andy Persio

LAB USE ONLY

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS): ☑ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

SPECIAL INSTRUCTIONS OR NOTES:

☐ EDD NOT NEEDED
☐ SHELL CONTRACT RATE APPLIES
☐ STATE REIMB RATE APPLIES
☐ RECEIPT VERIFICATION REQUESTED

Please email results apersio@deltaenv.com and ldooley@deltaenv.com

REQUESTED ANALYSIS

| LAB USE ONLY | Field Sample Identification | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | TPH - Gas, Purgeable (8260B) | TPH - Diesel, Extractable (8015M) | BTEX (8260B) | 5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE) | 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) | Total Lead (6010B) | Total Oil and Grease (1664A) | | TEMPERATURE ON RECEIPT C° |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | B-3 d 34.5 | 3/28/07 | 2:20 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 22 | B-4 d 5 | 3/27/07 | 2:45 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 23 | B-4 d 9.5 | 3/28/07 | 11:05 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 24 | B-4 d 14.5 | 3/28/07 | 11:12 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 25 | B-4 d 20 | 3/28/07 | 11:15 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 26 | B-4 d 24.5 | 3/28/07 | 11:20 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 27 | B-4 d 29.5 | 3/28/07 | 11:25 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 28 | B-4 d 35 | 3/28/07 | 11:35 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 29 | B-5 d 5 | 3/27/07 | 3:40 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 30 | B-5 d 10.5 | 3/28/07 | 10:00 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |

FIELD NOTES:
Container/Preservative or PID Readings or Laboratory Notes

| Relinquished by: (Signature) | Received by: (Signature) | Date: | Time: |
|---|---|---|---|
| | | 3-30-07 | 1:30 pm |
| | | 3-30-07 | 1610 |
| | | 3-30-07 | 1805 |

Q&Q Graphic (714) 998-9702

05/02/06 Revision

# SHELL Chain Of Custody Record

LAB: Test America

☐ TA - Irvine, California
☑ TA - Morgan Hill, California
☐ TA - Sacramento, California
☐ TA - Nashville, Tennessee
☐ Calscience
☐ Other_____

NAME OF PERSON TO BILL: Denis Brown

☑ ENVIRONMENTAL SERVICES ☐ NETWORK DEVELP. ☐ BILL CONSULTANT ☐ COMPLIANCE ☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 8 9 9 5 8 4 0

DATE: 3/30/07

PO #:

SAP or CRMT #:

PAGE: 4 of 4

| SAMPLING COMPANY: | LOG CODE: | SITE ADDRESS: Street and City | State | GLOBAL ID NO.: |
|---|---|---|---|---|
| Delta Consultants | | 4226 1st Street, Pleasanton | CA | T0600101259 |

| ADDRESS: | EDF DELIVERABLE TO (Name, Company, Office Location): | PHONE NO.: | E-MAIL: | CONSULTANT PROJECT NO.: |
|---|---|---|---|---|
| 175 Bernal Road Suite 200, San Jose, CA | Jon Suing | 626-256-6662 | Jsuing@deltaenv.com | SJ42-25F-X |

| PROJECT CONTACT (Hardcopy or PDF Report to): | TELEPHONE: | FAX: | E-MAIL: |
|---|---|---|---|
| Lee Dooley | 408-826-1880 | 408-225-8506 | ldooley@deltaenv.com |

SAMPLER NAME(S) (Print): Andy Persio

LAB USE ONLY

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS): ☑ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

SPECIAL INSTRUCTIONS OR NOTES:

☐ EDD NOT NEEDED
☐ SHELL CONTRACT RATE APPLIES
☐ STATE REIMB RATE APPLIES
☐ RECEIPT VERIFICATION REQUESTED

Please email results apersio@deltaenv.com and ldooley@deltaenv.com

REQUESTED ANALYSIS

| LAB USE ONLY | Field Sample Identification | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | TPH - Gas, Purgeable (8260B) | TPH - Diesel, Extractable (8015M) | BTEX (8260B) | 5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE) | 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) | Total Lead (6010B) | | Total Oil and Grease (1664A) | | TEMPERATURE ON RECEIPT C° |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | B-5 d 15.5 | 3/28/07 | 10:10 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 32 | B-5 d 20.5 | 3/28/07 | 10:15 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 33 | B-5 d 25.5 | 3/28/07 | 10:20 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 34 | B-5 d 30 | 3/28/07 | 10:25 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |
| 35 | B-5 d 35 | 3/28/07 | 10:30 | soil | 1 | X | | X | | X | X | | | | | | | | | | | | | | |

FIELD NOTES:
Container/Preservative or PID Readings or Laboratory Notes

| Relinquished by: (Signature) | Received by: (Signature) | Date: | Time: |
|---|---|---|---|
| | Tom Wright | 3-30-07 | 1:30 pm |
| Relinquished by: (Signature) | Received by: (Signature) | Date: | Time: |
| | | 3-30-07 | 1660 |
| Relinquished by: (Signature) | Received by: (Signature) | Date: | Time: |
| | | 3-30-07 | 1805 |

05/02/06 Revision

# TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: SHELL 5640
REC. BY (PRINT): BLANN
WORKORDER: MQD0015

DATE REC'D AT LAB: 03-30-07
TIME REC'D AT LAB: 18:05
DATE LOGGED IN: 4-2-07

For Regulatory Purposes?
DRINKING WATER YES / NO
WASTE WATER YES / NO

| CIRCLE THE APPROPRIATE RESPONSE | | LAB SAMPLE # | CLIENT ID | CONTAINER DESCRIPTION | PRESERVATIVE | pH | SAMPLE MATRIX | DATE SAMPLED | REMARKS: CONDITION (ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 1. Custody Seal(s) | Present / (Absent) | | | | | | | | |
| | Intact / Broken* | | | | | | | | |
| 2. Chain-of-Custody | (Present) / Absent* | | | | | | | | |
| 3. Traffic Reports or Packing List: | Present / (Absent) | | | | | | | | |
| 4. Airbill: | Airbill / Sticker | | | | | | | | |
| | Present / (Absent) | | | | | | | | |
| 5. Airbill #: | | | | | | | | | |
| 6. Sample Labels: | (Present) / Absent | | | | | | | | |
| 7. Sample IDs: | (Listed) / Not Listed | | | | | | | | |
| | on Chain-of-Custody | | | | | | | | |
| 8. Sample Condition: | (Intact) / Broken* / | | | | | | | | |
| | Leaking* | | | | | | | | |
| **9. Does information on chain-of-custody, traffic reports and sample labels agree?** | **(Yes) No*** | | | | | | | | |
| 10. Sample received within hold time? | (Yes) / No* | | | | | | | | |
| 11. Adequate sample volume received? | (Yes) / No* | | | | | | | | |
| 12. Proper preservatives used? | (Yes) / No* | | | | | | | | |
| 13. Trip Blank / Temp Blank Received? | | | | | | | | | |
| (circle which, if yes) | Yes / (No) | | | | | | | | |
| 14. Read Temp: | 3.6 | | | | | | | | |
| Corrected Temp: | 3.6 | | | | | | | | |
| Is corrected temp 4 +/-2°C? | (Yes) / No** | | | | | | | | |
| (Acceptance range for samples requiring thermal pres.) | | | | | | | | | |
| **Exception (if any): METALS / OFF ON ICE or Problem COC | | | | | | | | | |

On hold 03-30-07

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

TestAmerica
ANALYTICAL TESTING CORPORATION

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

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

Theresa Allen For Leticia Reyes
Project Manager

CA ELAP Certificate # 1210

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


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

TestAmerica
ANALYTICAL TESTING CORPORATION

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 |

**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 |

TestAmerica
ANALYTICAL TESTING CORPORATION

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 |

## Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

### TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **Comp A-D (MQD0016-01) Soil Sampled: 03/29/07 10:30 Received: 03/30/07 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* | | *98 %* | | *60-120* | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *103 %* | | *70-120* | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *100 %* | | *75-120* | " | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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 |

## Total Metals by EPA 6000/7000 Series Methods

### TestAmerica - Morgan Hill, CA

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

TestAmerica
ANALYTICAL TESTING CORPORATION

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 |

## Volatile Organic Compounds by EPA Method 8260B

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **Comp A-D (MQD0016-01) Soil Sampled: 03/29/07 10:30 Received: 03/30/07 18:05** | | | | | | | | | |
| Benzene | ND | 5.0 | ug/kg | 1 | 7D11009 | 04/11/07 | 04/11/07 | EPA 8260B | |
| Ethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Toluene | ND | 5.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *103 %* | | *70-120* | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *104 %* | | *66-120* | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *100 %* | | *75-120* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *98 %* | | *60-120* | " | " | " | " | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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 |

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

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 7D11009 - EPA 5030B P/T / LUFT GCMS** | | | | | | | | | | |
| **Blank (7D11009-BLK1)** | | | | Prepared & Analyzed: 04/11/07 | | | | | | |
| Gasoline Range Organics (C4-C12) | ND | 100 | ug/kg | | | | | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.38* | | " | *5.00* | | *108* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.14* | | " | *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 & Analyzed: 04/11/07 | | | | | | |
| Gasoline Range Organics (C4-C12) | 853 | 100 | ug/kg | 1000 | | 85 | 45-135 | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.56* | | " | *5.00* | | *111* | *66-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.10* | | " | *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 (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* | | " | *5.00* | | *106* | *60-120* | | | |
| *Surrogate: Dibromofluoromethane* | *5.26* | | " | *5.00* | | *105* | *70-120* | | | |
| *Surrogate: Toluene-d8* | *5.18* | | " | *5.00* | | *104* | *75-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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 |

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

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 7D10043 - EPA 3050B / EPA 6010B** | | | | | | | | | | |
| **Blank (7D10043-BLK1)** | | | | Prepared: 04/10/07 Analyzed: 04/17/07 | | | | | | |
| Lead | ND | 5.0 | mg/kg | | | | | | | |
| **Laboratory Control Sample (7D10043-BS1)** | | | | Prepared: 04/10/07 Analyzed: 04/17/07 | | | | | | |
| Lead | 47.2 | 5.0 | mg/kg | 50.0 | | 94 | 80-115 | | | |
| **Matrix Spike (7D10043-MS1)** | **Source: MQC0958-02** | | | Prepared: 04/10/07 Analyzed: 04/17/07 | | | | | | |
| Lead | 178 | 25 | mg/kg | 50.0 | 240 | 0 | 80-115 | | | M7 |
| **Matrix Spike Dup (7D10043-MSD1)** | **Source: MQC0958-02** | | | Prepared: 04/10/07 Analyzed: 04/17/07 | | | | | | |
| Lead | 194 | 25 | mg/kg | 50.0 | 240 | 0 | 80-115 | 9 | 35 | M7 |

TestAmerica
ANALYTICAL TESTING CORPORATION

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 |

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

## TestAmerica - Morgan Hill, CA

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 7D11009 - EPA 5030B P/T / EPA 8260B** | | | | | | | | | | |
| **Blank (7D11009-BLK1)** | | | | Prepared & Analyzed: 04/11/07 | | | | | | |
| Benzene | ND | 5.0 | ug/kg | | | | | | | |
| Ethylbenzene | ND | 5.0 | " | | | | | | | |
| Toluene | ND | 5.0 | " | | | | | | | |
| Xylenes (total) | ND | 5.0 | " | | | | | | | |
| *Surrogate: Dibromofluoromethane* | *5.18* | | " | *5.00* | | *104* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.38* | | " | *5.00* | | *108* | *66-120* | | | |
| *Surrogate: Toluene-d8* | *5.02* | | " | *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 | " | 20.0 | | 114 | 75-140 | | | |
| Toluene | 22.8 | 5.0 | " | 20.0 | | 114 | 75-135 | | | |
| Xylenes (total) | 68.4 | 5.0 | " | 60.0 | | 114 | 75-145 | | | |
| *Surrogate: Dibromofluoromethane* | *5.36* | | " | *5.00* | | *107* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.20* | | " | *5.00* | | *104* | *66-120* | | | |
| *Surrogate: Toluene-d8* | *5.04* | | " | *5.00* | | *101* | *75-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.10* | | " | *5.00* | | *102* | *60-120* | | | |
| **Matrix Spike (7D11009-MS1)** | **Source: MQD0015-30** | | | Prepared & Analyzed: 04/11/07 | | | | | | |
| Benzene | 20.4 | 5.0 | ug/kg | 20.0 | ND | 102 | 70-140 | | | |
| Ethylbenzene | 20.9 | 5.0 | " | 20.0 | ND | 104 | 75-140 | | | |
| Toluene | 20.9 | 5.0 | " | 20.0 | ND | 104 | 75-135 | | | |
| Xylenes (total) | 62.5 | 5.0 | " | 60.0 | ND | 104 | 75-145 | | | |
| *Surrogate: Dibromofluoromethane* | *5.36* | | " | *5.00* | | *107* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.12* | | " | *5.00* | | *102* | *66-120* | | | |
| *Surrogate: Toluene-d8* | *5.18* | | " | *5.00* | | *104* | *75-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.10* | | " | *5.00* | | *102* | *60-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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 |

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

## TestAmerica - Morgan Hill, CA

| 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: MQD0015-30** | | | 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 | " | 20.0 | ND | 112 | 75-140 | 7 | 30 | |
| Toluene | 22.5 | 5.0 | " | 20.0 | ND | 112 | 75-135 | 7 | 25 | |
| Xylenes (total) | 67.4 | 5.0 | " | 60.0 | ND | 112 | 75-145 | 8 | 30 | |
| *Surrogate: Dibromofluoromethane* | *5.26* | | " | *5.00* | | *105* | *70-120* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *5.14* | | " | *5.00* | | *103* | *66-120* | | | |
| *Surrogate: Toluene-d8* | *5.18* | | " | *5.00* | | *104* | *75-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *5.06* | | " | *5.00* | | *101* | *60-120* | | | |

TestAmerica
ANALYTICAL TESTING CORPORATION

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

- ☐ TA - Irvine, California
- ☑ TA - Morgan Hill, California
- ☐ TA - Sacramento, California
- ☐ TA - Nashville, Tennessee
- ☐ Calscience
- ☐ Other_____

# SHELL Chain Of Custody Record

NAME OF PERSON TO BILL: Denis Brown

☑ ENVIRONMENTAL SERVICES ☐ NETWORK DEV./ FE ☐ BTE CONSULTANT ☐ COMPLIANCE ☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 8 9 9 5 8 4 0

DATE: 3/30/07

PO #:

SAP or ORBIT #:

PAGE: 1 of 1

| SAMPLING COMPANY: | LOG CODE: | SITE ADDRESS: Street and City | State | GLOBAL ID NO.: |
|---|---|---|---|---|
| Delta Consultants | | 4226 1st Street, Pleasanton | CA | T0600101259 |

| ADDRESS: | EDF DELIVERABLE TO (Name, Company, Office Location): | PHONE NO.: | E-MAIL: | CONSULTANT PROJECT NO.: |
|---|---|---|---|---|
| 175 Bernal Road Suite 200, San Jose, CA | Jon Suing | 626-256-6662 | Jsuing@deltaenv.com | SJ42-26F-X |

| PROJECT CONTACT (Hardcopy or PDF Report to): | TELEPHONE: | FAX: | E-MAIL: |
|---|---|---|---|
| Lee Dooley | 408-826-1880 | 408-225-8506 | ldooley@deltaenv.com |

SAMPLER NAME(S) (Print): Andy Persio

LAB USE ONLY: 460001b

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS): ☑ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

SPECIAL INSTRUCTIONS OR NOTES:

☐ EDD NOT NEEDED
☐ SHELL CONTRACT RATE APPLIES
☐ STATE REIMB RATE APPLIES
☐ RECEIPT VERIFICATION REQUESTED

Please email results apersio@deltaenv.com and ldooley@deltaenv.com

Total lead as per Shell's standard disposal protocol

REQUESTED ANALYSIS

| LAB USE ONLY | Field Sample Identification | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | TPH - Gas, Purgeable (8260B) | TPH - Diesel, Extractable (8015M) | BTEX (8260B) | 5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE) | 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) | Total Lead (6010B) | | Total Oil and Grease (1664A) | | TEMPERATURE ON RECEIPT C° |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | Comp A,B,C,D | 3/29/07 | 10:30 | soil | 4 | X | | X | | | | | | | | | | | | | | X | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

FIELD NOTES:
Container/Preservative or PID Readings or Laboratory Notes

| Relinquished by: (Signature) | Received by: (Signature) | Date: | Time: |
|---|---|---|---|
| | | 3-30-07 | 1:30pm |
| | | 3-30-07 | 1600 |
| | | 3-30-07 | 1805 |

05/02/06 Revision

Q&Q Graphic (714) 898-9702

# TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: SHELL 6580
REC. BY (PRINT): Brian
WORKORDER: MQD0016

DATE REC'D AT LAB: 03-30-07
TIME REC'D AT LAB: 18:05
DATE LOGGED IN: 4-2-07

For Regulatory Purposes?
DRINKING WATER YES / NO
WASTE WATER YES / NO

| CIRCLE THE APPROPRIATE RESPONSE | | LAB SAMPLE # | CLIENT ID | CONTAINER DESCRIPTION | PRESERVATIVE | pH | SAMPLE MATRIX | DATE SAMPLED | REMARKS: CONDITION (ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 1. Custody Seal(s) | Present / (Absent) Intact / Broken* | | | | | | | | |
| 2. Chain-of-Custody | (Present) / Absent* | | | | | | | | |
| 3. Traffic Reports or Packing List: | Present / (Absent) | | | | | | | | |
| 4. Airbill: | Airbill / Sticker Present / (Absent) | | | | | | | | |
| 5. Airbill #: | | | | | | | | | |
| 6. Sample Labels: | (Present) / Absent | | | | | | | | |
| 7. Sample IDs: | (Listed) / Not Listed on Chain-of-Custody | | | | | | | | |
| 8. Sample Condition: | (Intact) / Broken* / Leaking* | | | | | | | | |
| **9. Does information on chain-of-custody, traffic reports and sample labels agree?** | (Yes) / No* | | | | | | | | |
| 10. Sample received within hold time? | (Yes) / No* | | | | | | | | |
| 11. Adequate sample volume received? | (Yes) / No* | | | | | | | | |
| 12. Proper preservatives used? | (Yes) / No* | | | | | | | | |
| 13. Trip Blank / Temp Blank Received? (circle which, if yes) | Yes / (No) | | | | | | | | |
| 14. Read Temp: 3.6 Corrected Temp: 3.6 Is corrected temp 4 +/-2°C? | (Yes) / No** | | | | | | | | |

(Acceptance range for samples requiring thermal pres.)

**Exception (if any): METALS / DIF ON ICE or Problem COC

Brian 3-30-07

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

## Attachment F

### PUMPING TEST DATA

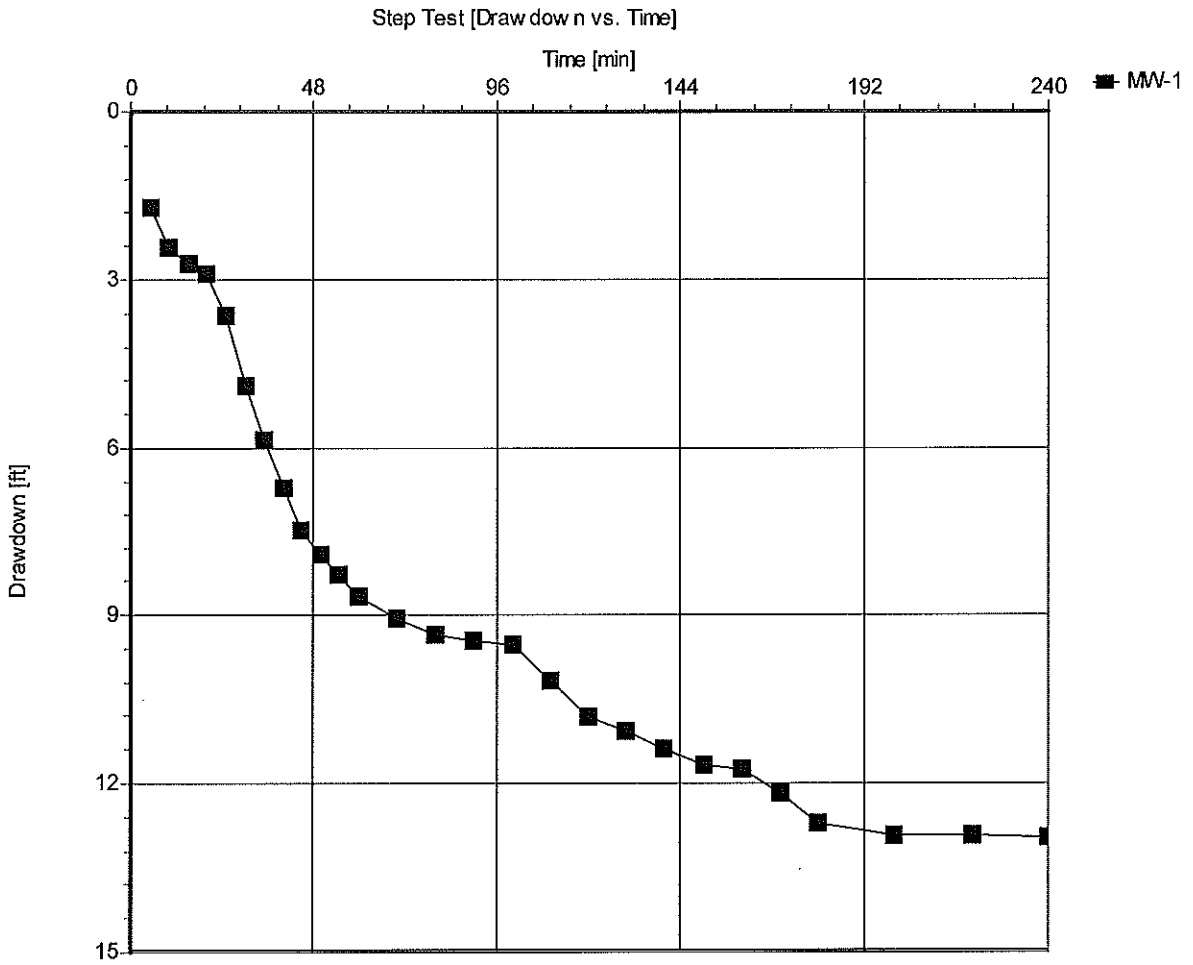
**Delta Consultants, Inc.**
175 Bernal Road
San Jose, California
Phone: (800) 477-7411

**Pumping Test Analysis Report**

Project: 4226 First St.

Number: SJ422-6F11-X

Client: Shell Oil Products US




Pumping Test: **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

**Delta Consultants, Inc.**
175 Bernal Road
San Jose, California
Phone: (800) 477-7411

**Pumping Test Data Report**

Project: 4226 First St.

Number: SJ422-6FI1-X

Client: Shell Oil Products US



| | | | |
|---|---|---|---|
| **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] |
| Recorded by: | AD | Screen length: | 20 [ft] |
| Date: | 12/20/2007 | Aquifer Thickness: | 20 [ft] |

| | Time [min] | Discharge Rate: [U.S. gal/min] | |
|---|---|---|---|
| 1 | 20 | 0.25 | |
| 2 | 90 | 0.33 | |
| 3 | 160 | 0.50 | |
| 4 | 240 | 0.55 | |

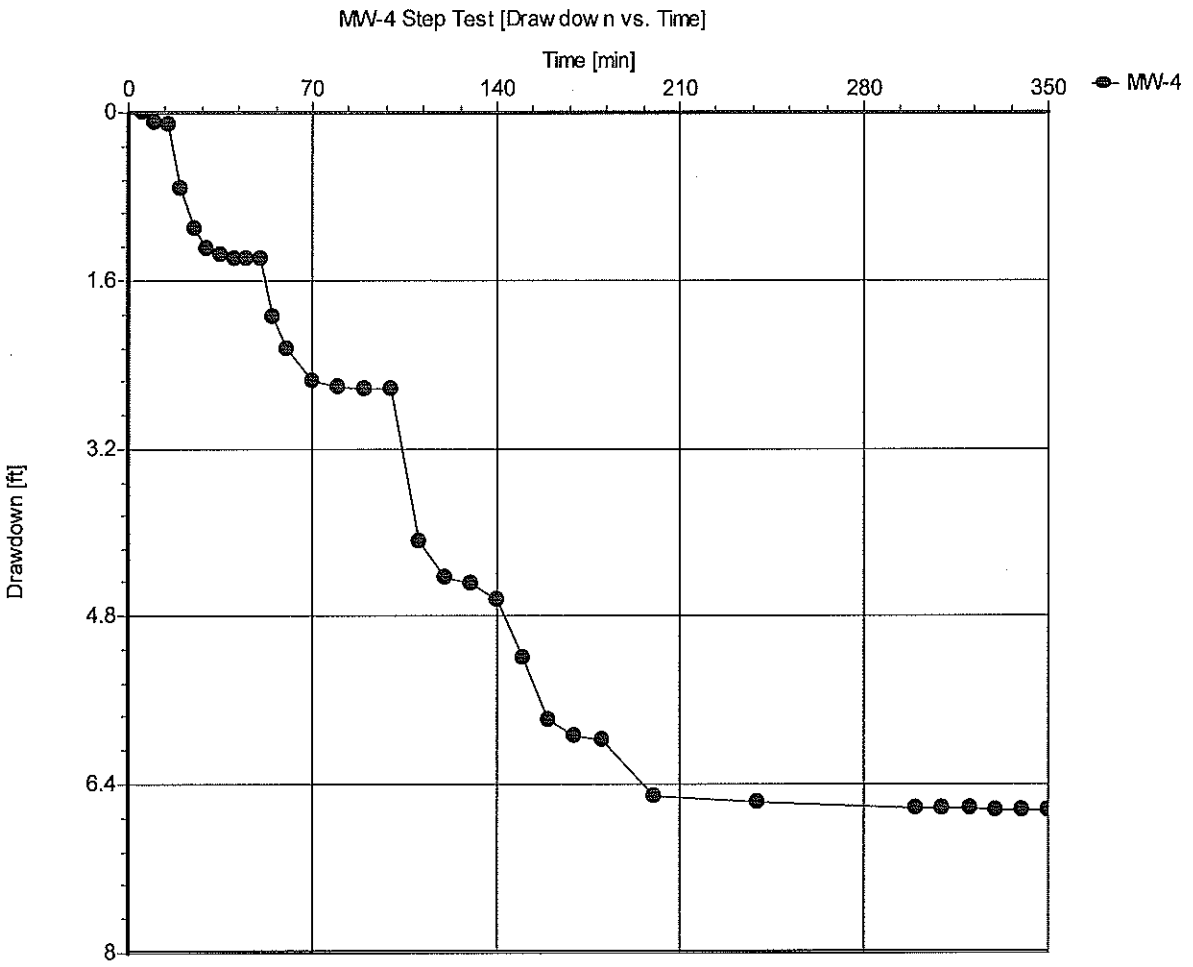
**Delta Consultants, Inc.**
175 Bernal Road
San Jose, California
Phone: (800) 477-7411

**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

**Delta Consultants, Inc.**
175 Bernal Road
San Jose, California
Phone: (800) 477-7411

**Pumping Test Data Report**

Project: 4226 First St.

Number: SJ422-6FI1-X

Client: Shell Oil Products US



| | | | |
|---|---|---|---|
| **Data observed at:** | **MW-4** | **Pumping Test:** | **MW-4 Step Test** |
| Distance from PW: | 0 [ft] | Pumping Well: | MW-4 |
| Depth to Static WL: | xxx | Casing radius: | 0.17 [ft] |
| Location: | Pleasaton, California | Boring radius: | 0.4 [ft] |
| Recorded by: | AD | Screen length: | 10 [ft] |
| Date: | 6/6/2007 | Aquifer Thickness: | 20 [ft] |

| | Time [min] | Discharge Rate: [U.S. gal/min] | |
|---|---|---|---|
| 1 | 0 | 0.10 | |
| 2 | 20 | 0.15 | |
| 3 | 55 | 0.20 | |
| 4 | 110 | 0.25 | |
| 5 | 150 | 0.30 | |
| 6 | 200 | 0.40 | |
| 7 | 201 | 0.00 | |

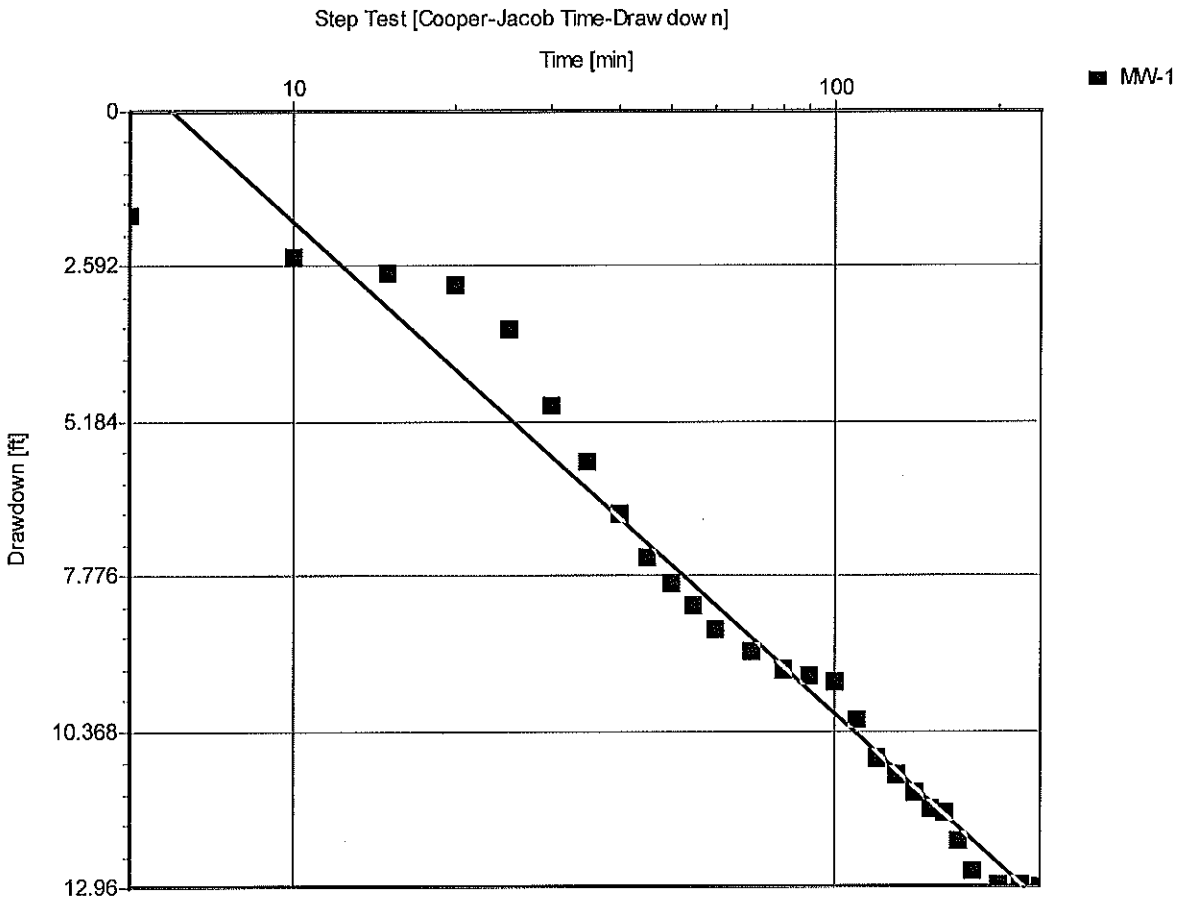
**Delta Consultants, Inc.**
175 Bernal Road
San Jose, California
Phone: (800) 477-7411

**Pumping Test Analysis Report**

Project: 4226 First St.

Number SJ422-6FI1-X

Client: Shell Oil Products US




Pumping Test: **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:

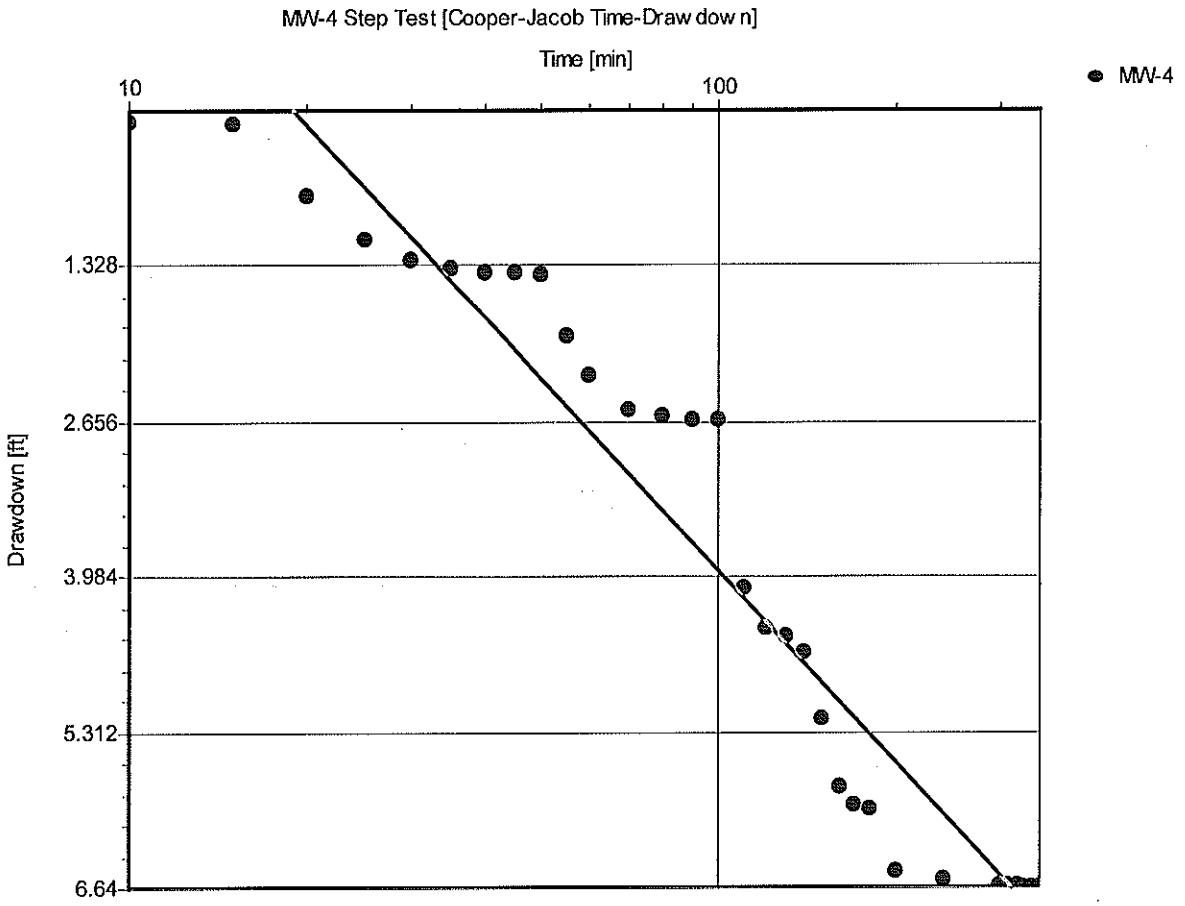
Evaluated by: LD

Evaluation Date: 6/7/2007

**Delta 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: **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

Calscience
Environmental
Laboratories, Inc.

June 15, 2007

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

Subject: **Calscience Work Order No.:** **07-06-0723**
**Client Reference:** **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

Calscience Environmental Laboratories, Inc.

# Analytical Report

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

Project: 4212 First St, Pleasanton, CA



| 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 | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | 2600 | 500 | 10 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 88 | 38-134 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW-4 (18:30)** | **07-06-0723-2** | **06/06/07** | **Aqueous** | **GC 29** | **06/12/07** | **06/12/07** | **070612B02** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | 4400 | 500 | 10 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 82 | 38-134 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW-1 (13:00)** | **07-06-0723-3** | **06/07/07** | **Aqueous** | **GC 29** | **06/12/07** | **06/12/07** | **070612B02** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | 860 | 250 | 5 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 38-134 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW-1 (17:20)** | **07-06-0723-4** | **06/07/07** | **Aqueous** | **GC 29** | **06/12/07** | **06/12/07** | **070612B02** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | 680 | 250 | 5 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 70 | 38-134 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

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

Project: 4212 First St, Pleasanton, CA



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-436-557** | **N/A** | **Aqueous** | **GC 29** | **06/12/07** | **06/12/07** | **070612B02** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | ND | 50 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| 1,4-Bromofluorobenzene | 77 | 38-134 | | | |

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

Calscience Environmental Laboratories, Inc.

# Analytical Report

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

Date Received: 06/11/07
Work Order No: 07-06-0723
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: 4212 First St, Pleasanton, CA



| 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/MS CC** | **06/13/07** | **06/13/07** | **070613L01** |

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qual | Parameter | Result | RL | MDL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 50 | 19 | 100 | | o-Xylene | ND | 100 | 17 | 100 | |
| Ethylbenzene | ND | 100 | 13 | 100 | | Methyl-t-Butyl Ether (MTBE) | 19000 | 100 | 23 | 100 | |
| Toluene | ND | 100 | 23 | 100 | | Tert-Butyl Alcohol (TBA) | 8200 | 1000 | 920 | 100 | |
| p/m-Xylene | 30 | 100 | 27 | 100 | J | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 103 | 74-140 | | 1,2-Dichloroethane-d4 | 110 | 74-146 | |
| Toluene-d8 | 102 | 88-112 | | 1,4-Bromofluorobenzene | 98 | 74-110 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW-4 (18:30)** | **07-06-0723-2** | **06/06/07** | **Aqueous** | **GC/MS CC** | **06/13/07** | **06/13/07** | **070613L01** |

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qual | Parameter | Result | RL | MDL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 57 | 50 | 19 | 100 | | o-Xylene | ND | 100 | 17 | 100 | |
| Ethylbenzene | 23 | 100 | 13 | 100 | J | Methyl-t-Butyl Ether (MTBE) | 15000 | 100 | 23 | 100 | |
| Toluene | ND | 100 | 23 | 100 | | Tert-Butyl Alcohol (TBA) | 6600 | 1000 | 920 | 100 | |
| p/m-Xylene | 150 | 100 | 27 | 100 | | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 105 | 74-140 | | 1,2-Dichloroethane-d4 | 109 | 74-146 | |
| Toluene-d8 | 102 | 88-112 | | 1,4-Bromofluorobenzene | 99 | 74-110 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW-1 (13:00)** | **07-06-0723-3** | **06/07/07** | **Aqueous** | **GC/MS CC** | **06/13/07** | **06/13/07** | **070613L01** |

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qual | Parameter | Result | RL | MDL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 40 | 10 | 3.8 | 20 | | o-Xylene | 11 | 20 | 3.4 | 20 | J |
| Ethylbenzene | 6.3 | 20 | 2.7 | 20 | J | Methyl-t-Butyl Ether (MTBE) | 2400 | 20 | 4.5 | 20 | |
| Toluene | ND | 20 | 4.5 | 20 | | Tert-Butyl Alcohol (TBA) | 1400 | 200 | 180 | 20 | |
| p/m-Xylene | 34 | 20 | 5.5 | 20 | | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 103 | 74-140 | | 1,2-Dichloroethane-d4 | 109 | 74-146 | |
| Toluene-d8 | 102 | 88-112 | | 1,4-Bromofluorobenzene | 100 | 74-110 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW-1 (17:20)** | **07-06-0723-4** | **06/07/07** | **Aqueous** | **GC/MS CC** | **06/13/07** | **06/13/07** | **070613L01** |

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qual | Parameter | Result | RL | MDL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 49 | 10 | 3.8 | 20 | | o-Xylene | 15 | 20 | 3.4 | 20 | J |
| Ethylbenzene | 6.6 | 20 | 2.7 | 20 | J | Methyl-t-Butyl Ether (MTBE) | 2200 | 20 | 4.5 | 20 | |
| Toluene | 4.8 | 20 | 4.5 | 20 | J | Tert-Butyl Alcohol (TBA) | 1400 | 200 | 180 | 20 | |
| p/m-Xylene | 38 | 20 | 5.5 | 20 | | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 104 | 74-140 | | 1,2-Dichloroethane-d4 | 110 | 74-146 | |
| Toluene-d8 | 103 | 88-112 | | 1,4-Bromofluorobenzene | 100 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

**Analytical Report**

| | | |
|---|---|---|
| Delta Environmental Consultants, Inc. | Date Received: | 06/11/07 |
| 175 Bernal Road, Suite 200 | Work Order No: | 07-06-0723 |
| San Jose, CA 95119-1343 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |
| Project: 4212 First St, Pleasanton, CA | | Page 2 of 2 |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-10-006-21,719** | **N/A** | **Aqueous** | **GC/MS CC** | **06/13/07** | **06/13/07** | **070613L01** |

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qual | Parameter | Result | RL | MDL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.50 | 0.19 | 1 | | o-Xylene | ND | 1.0 | 0.17 | 1 | |
| Ethylbenzene | ND | 1.0 | 0.13 | 1 | | Methyl-t-Butyl Ether (MTBE) | ND | 1.0 | 0.23 | 1 | |
| Toluene | ND | 1.0 | 0.23 | 1 | | Tert-Butyl Alcohol (TBA) | ND | 10 | 9.2 | 1 | |
| p/m-Xylene | ND | 1.0 | 0.27 | 1 | | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 101 | 74-140 | | 1,2-Dichloroethane-d4 | 103 | 74-146 | |
| Toluene-d8 | 102 | 88-112 | | 1,4-Bromofluorobenzene | 101 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

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

Date Received: 06/11/07
Work Order No: 07-06-0723
Preparation: EPA 5030B
Method: 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** | **070612S01** |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| TPH as Gasoline | 86 | 70 | 68-122 | 21 | 0-18 | 4 |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

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

Date Received: 06/11/07
Work Order No: 07-06-0723
Preparation: EPA 5030B
Method: 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** | **Aqueous** | **GC/MS CC** | **06/13/07** | **06/13/07** | **070613S01** |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| 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 | 0-8 | |
| 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 | |
| Diisopropyl Ether (DIPE) | 98 | 100 | 81-123 | 2 | 0-9 | |
| Ethyl-t-Butyl Ether (ETBE) | 101 | 104 | 72-126 | 3 | 0-12 | |
| Tert-Amyl-Methyl Ether (TAME) | 101 | 102 | 72-126 | 2 | 0-12 | |
| Ethanol | 93 | 92 | 53-149 | 1 | 0-31 | |

RPD - Relative Percent Difference , CL - Control Limit

**Calscience Environmental Laboratories, Inc.**

## Quality Control - LCS/LCS Duplicate

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

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

Project: 4212 First St, Pleasanton, CA

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| **099-12-436-557** | **Aqueous** | **GC 29** | **06/12/07** | **06/13/07** | **070612B02** |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| TPH as Gasoline | 117 | 114 | 78-120 | 2 | 0-10 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 07-06-0723
Preparation: EPA 5030B
Method: EPA 8260B

Project: 4212 First St, Pleasanton, CA

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| **099-10-006-21,719** | **Aqueous** | **GC/MS CC** | **06/13/07** | **06/13/07** | **070613L01** |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 100 | 101 | 84-120 | 1 | 0-8 | |
| 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 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Glossary of Terms and Qualifiers

Work Order Number: 07-06-0723

| Qualifier | Definition |
|---|---|
| * | See applicable analysis comment. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike 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. |
| A | Result is the average of all dilutions, as defined by the method. |
| B | Analyte was present in the associated method blank. |
| C | Analyte presence was not confirmed on primary column. |
| E | Concentration exceeds the calibration range. |
| H | Sample received and/or analyzed past the recommended holding time. |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| N | Nontarget Analyte. |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| U | Undetected at the laboratory method detection limit. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |

LAB:
- ☐ TA - Irvine, California
- ☐ TA - Morgan Hill, California
- ☐ TA - Sacramento, California
- ☐ TA - Nashville, Tennessee
- ☑ Calscience
- ☐ Other_____

# SHELL Chain Of Custody Record

NAME OF PERSON TO BILL: Carol Campagna

☑ ENVIRONMENTAL SERVICES ☐ NETWORK DEV. / FE ☐ BILL CONSULTANT ☐ COMPLIANCE ☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 98995840

PO #:

SAP or CRMT #: 1357882

DATE: 6/08/07

PAGE: 1 of 1

| SAMPLING COMPANY: | LOG CODE: |
|---|---|
| Delta Consultants Inc | BTSS |

ADDRESS: 175 Bernal Rd #200, San Jose, CA 95119

PROJECT CONTACT (Hardcopy or PDF Report to): Lee Dooley

| TELEPHONE: | FAX: | E-MAIL: |
|---|---|---|
| (408) 826-1880 | (408) 225-8506 | ldooley@deltaenv.com |

| SITE ADDRESS: Street and City | State | GLOBAL ID NO.: |
|---|---|---|
| 4212 First St, Pleasanton | CA | T0600101259 |

| EDF DELIVERABLE TO (Name, Company, Office Location): | PHONE NO.: | E-MAIL: | CONSULTANT PROJECT NO.: |
|---|---|---|---|
| Abhik Dutta | (408) 826-1869 | adutta@deltaenv.com | SJ422-6FI-X |

SAMPLER NAME(S) (Print): Abhik Dutta

LAB USE ONLY: 66-9723

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS): ☑ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

SPECIAL INSTRUCTIONS OR NOTES:

COMPLIANCE SAMPLES

Also email results to mlambert@deltaenv.com, thargett@deltaenv.com

, and efrohnappie@deltaenv.com

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

REQUESTED ANALYSIS

| LAB USE ONLY | Field Sample Identification | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | TPH - Gas, Purgeable (8260B) | TPH - Diesel, Extractable (8015M) | BTEX (8260B) | 5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE) | 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 (8260B) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MW-4 | 6/6/07 | 14:00 | Water | 5 | X | | X | | X | X | | | | | | | | | | | | | | |
| | MW-4 | 6/6/07 | 15:30 | Water | 5 | X | | X | | X | X | | | | | | | | | | | | | | |
| | MW-1 | 6/7/07 | 13:00 | Water | 5 | X | | X | | X | X | | | | | | | | | | | | | | |
| | MW-1 | 6/7/07 | 11:20 | Water | 5 | X | | X | | X | X | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

FIELD NOTES:
Container/Preservative or PID Readings or Laboratory Notes

TEMPERATURE ON RECEIPT C°

HCl and keep cool

| Relinquished by: (Signature) | Received by: (Signature) | Date: | Time: |
|---|---|---|---|
| [signature] 6/8/2007 | [signature] | 6-8-07 | 12:30 pm |
| [signature] | [signature] | 6/11/07 | 0800 |
| | | | |

05/02/06 Revision

Calscience Environmental Laboratories, Inc.

**WORK ORDER #: 07 - 06 - 0723**

**Cooler 1 of 1**

# 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.
_____ °C Temperature blank.

**LABORATORY (Other than Calscience Courier):**

_____ °C Temperature blank.
_____ °C IR thermometer.
✓ Ambient temperature.

Initial: JP

**CUSTODY SEAL INTACT:**

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Present: ✓

Initial: JP

**SAMPLE CONDITION:**

| | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody document(s) received with samples | ✓ | | |
| Sampler's name indicated on COC | ✓ | | |
| Sample container label(s) consistent with custody papers | ✓ | | |
| Sample container(s) intact and good condition | ✓ | | |
| Correct containers and volume for analyses requested | ✓ | | |
| Proper preservation noted on sample label(s) | ✓ | | |
| VOA vial(s) free of headspace. | ✓ | | |
| Tedlar bag(s) free of condensation | | | ✓ |

Initial: JP

**COMMENTS:**