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September 29, 2006

Project Number: SJ89-99S-1  
SAP Number: 135244

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

**Re: Soil and Groundwater Investigation and Monitoring Well Installations Report**  
**Shell-branded Service Station**  
**8999 San Ramon Road**  
**Dublin, California**

Dear Mr. Wickham:

Delta Environmental Consultants, Inc. (Delta), on behalf of Shell Oil Products US (Shell), presents the results of a soil and groundwater investigation and monitoring well installations performed at the site referenced above (Figure 1). Cone penetrometer test borings (CPT-2 through CPT-4) were advanced on and off-site to vertically define the extent of methyl tertiary butyl ether (MTBE) and tertiary butyl alcohol (TBA) impacts to site area groundwater. Two wells MW-6 and MW-10 were installed on-site to further delineate MTBE and TBA in groundwater. Off-site wells (MW-5, MW-7, MW-8, MW-9, and MW-11) were installed to delineate MTBE and TBA in groundwater and monitor plume stability down-gradient of the site. Off-site investigation activities were postponed from the original schedule due to the prolonged process of obtaining off-site access agreement with the adjacent property owner.

## **BACKGROUND**

Site background is detailed in depth in Delta's Electronic Site Conceptual Model dated September 27, 2005.

## **SOIL AND GROUNDWATER INVESTIGATION AND MONITORING WELL INSTALLATIONS**

The following sections summarize the soil and groundwater investigation and monitoring well installation activities that were conducted per Delta's work plan dated September 27, 2005 and email correspondence dated February 21, 2006, and approved by the Alameda County Health Care Service Agency (ACHCSA) in their letter to Shell dated October 4, 2005 and email correspondence dated February 21, 2006.

A member of:



## PREFIELD ACTIVITIES

Prior to drilling, Delta marked the locations of all CPT and monitoring well 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 CPT work. Delta obtained all required drilling permits from the Zone 7 Water Agency (Attachment A). The ACHCSA was notified prior to commencement of field activities.

## CPT GROUNDWATER INVESTIGATION

On February 22, July 26, and July 27, 2006, Delta performed groundwater sampling at three locations (CPT-2 through CPT-4, Figure 2) using CPT equipment provided by Gregg In Situ, Inc. (License C57- 656407). The goal of the CPT investigation was to define the vertical extent of MTBE and TBA previously detected in first encountered groundwater in the 25- to 30-foot depth interval. All work was performed under the direction and supervision of a California Certified Hydrogeologist.

## CPT SOIL PROFILING

Borings CPT-2 and CPT-3 were advanced to a total depth of 75 feet bg. Boring CPT-4 met refusal at a total depth of 69 feet bg. Each CPT location consisted of two separate boreholes – one for stratigraphic profiling and a second for collecting discrete soil and groundwater samples. At each CPT location, the initial boring was advanced to define the underlying soil profile. Soil classifications were based on the cone penetration resistance, sleeve friction, and friction ratio. A soil classification graph was generated during the advancement of the CPT borehole. Soil profile graphs are contained in the report prepared by Gregg In Situ, Inc. (Attachment B). Grout was pumped into the initial borehole behind the cone by using a grout collar (retraction grouting).

The CPT boreholes generally encountered silt, silty clay, and clayey silt to a depth of approximately 75 feet bg. Scattered thin sand layers (less than 1 foot thick) appear to be interbedded with the silts and clays at depths between 45 and 70 feet bg based on the pore pressure and tip resistance graphs generated from the CPT borings. Delta has prepared a cross section based on CPT data and boring logs from previous borings for groundwater monitoring wells presented on Figure 3. The cross section location is shown on Figure 2.

## CPT GROUNDWATER SAMPLING AND ANALYSIS

A second CPT borehole was drilled at each location for collection of depth discrete groundwater samples. A Delta field geologist determined appropriate depths from which to collect discrete groundwater samples by interpreting the initial soil classification print out for each CPT location. To collect discrete groundwater samples, a sealed PVC hydropunch screen was pushed to the desired sampling depth. The push rod was then retracted exposing the hydropunch screen. Groundwater, when available, flowed hydrostatically from the formation into the sampler. A small diameter stainless steel bailer was lowered through the hollow push rods, into the screen section for sample collection.

The groundwater samples were transferred to 40-milliliter glass VOA bottles. The bottles were placed on ice for transportation to the laboratory. Groundwater samples were analyzed for total petroleum hydrocarbons as gas (TPH-G); benzene, toluene, ethylbenzene, and xylenes (BTEX compounds), and fuel oxygenates MTBE and TBA by EPA Method 8260B. Groundwater samples from CPT-3 and CPT-4 were additionally analyzed

for TPH-D. Groundwater analytical data and sample depth intervals are summarized on Table 1. Laboratory reports and chain of custody documentation are provided as Attachment C.

Identified sandy zones were selected for groundwater sampling. These zones potentially could provide for the migration of fuel oxygenates and petroleum hydrocarbons within coarse-grained preferential pathways. In Boring CPT-2 three groundwater samples were collected at intervals of 53 to 57 feet bg, 65 to 69 feet bg, and 71 to 75 feet bg. Three groundwater samples were collected from Boring CPT-3 at the intervals of 45 to 50 feet bg, 59 to 63 feet bg, and 67 to 72 feet bg. Three groundwater samples were also collected from Boring CPT-4 at the intervals of 45 to 49 feet bg, 54 to 58 feet bg, and 64 to 69 feet bg.

Groundwater was successfully collected by Delta at each attempted location. Sufficient groundwater was generally available to be collected within approximately 5 to 15 minutes at sample locations collected at depth intervals between 53 to 58 feet bg and 64 to 69 feet bg in CPT-2 and CPT-4. Delta waited approximately one hour for sufficient groundwater to be available in all other CPT sample intervals.

The maximum concentrations of TPH-G, TPH-D, MTBE, and TBA were detected at depths between 59 to 72 feet bg in off-site CPT-3 located downgradient of the UST complex. MTBE was detected at 59 to 63 feet bg and 67 to 72 feet bg at 2,000 micrograms per liter (ug/l) and 2,400 ug/l, respectively. MTBE was detected in downgradient CPT-4 at a maximum 2.8 ug/l. TBA was not detected in samples from CPT-4. Benzene was detected in site boring CPT-2 at a maximum concentration of 0.8 ug/l. All other analytes were below the laboratory reporting limit. MTBE and TBA concentrations in groundwater for CPT borings are shown on Figures 3 and 4. Groundwater analytical data from the CPT borings is summarized on Table 2.

## **GROUNDWATER MONITORING WELL INSTALLATIONS**

On February 21 and July 26 through 28, 2006, Delta directed the installation of two on-site monitoring wells (MW-6 and MW-10) and five off-site monitoring wells (MW-5, MW-7, MW-8, MW-9, and MW-11) at the locations shown on Figure 2. Well MW-6 is located northwest and upgradient of the UST complex. Wells MW-5 and MW-7 through MW-11 are located downgradient and to the southeast of the UST complex. The proposed location of Well MW-8 was unable to be cleared at its originally planned location and was moved to its present location shown on Figure 2.

Wells MW-5 through MW-10 were installed using 10-inch diameter hollow-stem auger drilling equipment operated by Gregg Drilling (License C57- 485165). Well MW-11 was installed using 8-inch diameter hollow-stem auger drilling equipment. All boreholes were then sampled at 5-foot intervals with a split-spoon sample barrel equipped with brass liners from 10 feet bg to a total depth of approximately 30 feet bg. A Delta field geologist examined and logged the soil core samples from the boring for each well. A photo-ionization detector (PID) was used to measure soil hydrocarbon concentrations. PID soil samples were placed in a sealed plastic bag, and after approximately 5-minutes the PID probe was inserted into the plastic bag and soil gas was allowed to pass through the PID until readings stabilized. The resulting concentration reading was recorded on the geologist's field log. Soil samples from the borehole of MW-10 were retained for laboratory analysis due to borehole's proximity to the residual source area. Select soil samples were additionally retained from other borings for laboratory analysis based on PID readings in the field.

The borings for Wells MW-5 through MW-11 predominately encountered clay with sand and sandy lean clays to a total depth of approximately 30 feet bg. Groundwater was first encountered between 24 and 28 feet bg in

each boring and stabilized at approximately 22 to 28.5 feet bg. Boring logs and well construction details are presented in Attachment D.

Wells MW-5 through MW-10 were constructed of 4-inch diameter polyvinylchloride (PVC) casing and manufactured well screen. Well MW-11 was constructed of 2-inch diameter PVC casing and manufactured well screen. All wells were screened with 10 feet of 0.010-inch well screen. A 10-foot screen was used due to seasonal water level fluctuations recorded in previously installed wells. A 2/12 sand pack was installed from the bottom of hole to 2 feet above the screen in each well. Two feet of bentonite was placed above the sand pack, and a cement grout seal was then placed above the bentonite to approximately 1-foot bg. A traffic-rated vault box was then installed flush to the ground surface over each well.

#### **WELL LOCATION AND ELEVATION SURVEY**

On August 21, 2006, Mid Coast Engineers of Watsonville, California surveyed the latitude, longitude and elevation of the seven new monitoring wells. The survey report is contained in Attachment E. The GPS survey data will be uploaded into the State of California Geotracker database.

#### **MONITORING WELL DEVELOPMENT AND SAMPLING**

Blaine Tech Services (Blaine) developed Wells MW-5, MW-7, MW-8, MW-9, and MW-10 on August 21, 2006. Well MW-11 was dry on August 21, 2006 and was not able to be developed or sampled. The wells were developed by use of a surge block and a positive air displacement pump to remove turbid water. On August 24, 2006, Blaine gauged and sampled Wells MW-5, MW-7, MW-8, MW-9, and MW-10. The depths to groundwater in the wells ranged between 23 feet and 28 feet below top of well casing. Well development and monitoring data sheets are included Attachment F.

#### **SOIL ANALYSIS**

Soil samples were submitted to Test America Analytical Testing Corporation in Sacramento, California for analysis of the following parameters: TPH-G, BTEX compounds, MTBE, and TBA by Method 8260B. Soil and groundwater certified analytical results and chain-of-custody documentation from the testing laboratory are included as Attachment G.

MTBE was detected in soil from the boring for Well MW-10 between 5 and 15 feet bg at a maximum concentration of 0.16 mg/kg. TBA was detected in soil samples MW-10@25' and MW-10@28' at concentrations of 0.2 mg/kg and 0.096 mg/kg, respectively. All other analytes were below the laboratory reporting limit.

#### **GROUNDWATER ANALYSIS**

Groundwater samples from all on- and off-site wells were collected on August 24, 2006 and submitted to Test America Analytical Testing Corporation in Sacramento, California for analysis of the following parameters: TPH-G, BTEX compounds, MTBE, and TBA by Method 8260B. Soil and groundwater certified analytical results and chain-of-custody documentation from the testing laboratory are included with the Groundwater Monitoring Report provided by Blaine Tech as Attachment F. MTBE and TBA concentrations in groundwater are shown on Figures 3 and 5.

TBA continues to be the primary contaminant of concern in the shallow groundwater zone monitored by site wells. TBA was detected in Well MW-1 at 30,700 ug/l. Site Well MW-10 contained concentrations of TPH-G (626 ug/l), BTEX compounds (maximum concentration 1.22 ug/l of ethylbenzene), MTBE (12.4 ug/l), and TBA (5,740 ug/l).

TPH-G was only detected in off-site Well MW-8 at a concentration of 110 ug/l. MTBE was detected in off-site wells MW-5, MW-7, and MW-8 at concentrations ranging from 2.63 ug/l to 4.62 ug/l. TBA was detected in all off-site wells at concentrations ranging from 21 ug/l in Well MW-5 to 6,610 ug/l in Well MW-8. All other analytes were below the laboratory reporting limits. MTBE and TBA concentrations for site wells are depicted on the geologic cross section presented on Figure 3. Groundwater analytical data is summarized in the Blaine Tech Report included as Attachment F.

## CONCLUSIONS

Delta concludes:

**The site is underlain predominantly by clays and sandy clays to a depth of approximately 72 feet bg.**

- Scattered thin sand layers (less than 1 foot thick) appear to be interbedded with the silts and clays at depths between 45 and 65 feet bg based on the pore pressure and tip resistance graphs generated from the CPT borings.
- Depth to first encountered groundwater beneath the site area ranges from 22 to 28 feet bg.
- A deeper (B level) groundwater bearing zone was encountered beneath the site at depths ranging from 45 to 65 feet bg.

**The residual source area in site soils appears to be vertically and laterally defined.**

- MTBE and TBA were detected in soil samples from the boring for site Well MW-10 at similar concentrations encountered in borings advanced in the near vicinity. Historical MTBE soil iso-concentration contours are included as Attachment H.

**The lateral extent of TBA in shallow groundwater is not defined.**

- The edge of the TBA plume in shallow groundwater down-gradient of Well MW-8 is not defined. TBA was detected in Well MW-8 at a concentration of 6,610 ug/l.

**The lateral extent of MTBE in the B-level appears to be defined.**

- MTBE was detected at a maximum of 2.8 ug/l in groundwater samples from downgradient CPT-4.

**The vertical extent of MTBE in deeper groundwater is not defined.**

- MTBE was detected in the deepest groundwater sample (67 to 72 feet) from CPT-3 at 2,400 ug/l.

## RECOMMENDATIONS

Delta proposes the following:

- Install an additional shallow groundwater monitoring well (MW-12, Figure 5) to define the lateral downgradient of extent of TBA.

- Delta proposes to install three additional wells (Wells MW-5B, MW-8B, and MW-11B) to provide monitoring of MTBE and TBA in the B-level groundwater. The proposed locations of the wells are presented on Figures 3 and 4. Wells MW-5B and MW-8B will be installed to a total depth of approximately 68 feet bg with well screens from 58 to 68 feet bg to monitor groundwater in the deeper groundwater bearing zone. Well MW-11B will be installed to a total depth of 38 feet bg with a well screen from 28 to 38 feet bg.
- Install an additional deep groundwater monitoring well (Well MW-5C) adjacent to Well MW-5 and MW-5B to an approximate depth of 100 feet bg in order to define vertical extent of MTBE (see Figures 3 and 4).

## **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.

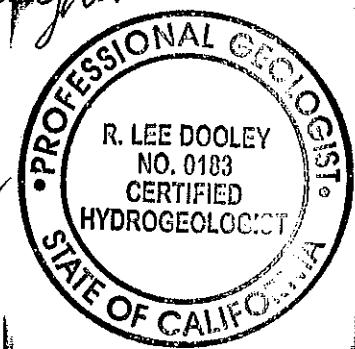
Sincerely,  
**Delta Environmental Consultants, Inc.**

*Heather Buckingham*

Heather Buckingham  
Senior Staff Geologist

*R. Lee Dooley*

R. Lee Dooley  
Senior Hydrogeologist  
CHG 0183



Attachments: Table 1 – Summary of Groundwater Analytical Data  
Table 2 – Summary of Soil Analytical Data

Figure 1 – Site Location Map  
Figure 2 – Extended Site Map  
Figure 3 – Geologic Cross Section  
Figure 4 – MTBE/TBA Groundwater Concentrations, > 50 Feet Below Grade  
Figure 5 – MTBE/TBA Groundwater Concentrations, Shallow Zone

Attachment A – Alameda County Zone 7 Water Agency Drilling Permit  
Attachment B – CPT Soil Profile Graphs  
Attachment C – Certified Analytical Report and Chain of Custody Documents - Groundwater  
Attachment D – Boring Logs with Well Construction Details  
Attachment E - Well Survey  
Attachment F – Groundwater Monitoring and Sampling Report, September 15, 2006  
Attachment G - Certified Analytical Report and Chain of Custody Documents – Soil  
Attachment H – Historical MTBE in Soil Iso-Concentration Maps

cc: Denis Brown, Shell Oil Products US, Carson

**Table 1**  
**Summary of Groundwater Analytical Data**  
 Shell Service Station  
 8999 San Ramon Rd., Dublin, California

Sample Designation	Date Sampled	Depth (feet bg)	TPH-G (ug/l)	TPH-D (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Xylene (ug/l)	MTBE (ug/l)	TBA (ug/l)
<b>Grab Groundwater Samples</b>										
GP-3	5/4/2005	27	<500	<b>540</b>	<b>5.4</b>	<5	<5	<10	<b>980</b>	<50
GP-10	5/4/2005	27	<13,000	<b>220</b>	<130	<130	<130	<250	<b>35,000</b>	<b>120,000</b>
GP-11	5/4/2005	27	<50,000	<b>2,500</b>	<500	<500	<500	<500	<b>89,000</b>	<5,000
GP-12	5/4/2005	27	<b>220</b>	<b>360</b>	<b>4.7</b>	<0.5	<0.5	<1	<b>56</b>	<b>21</b>
CPT-1@44	5/26/2005	44	<50	<b>120</b>	<0.5	<0.5	<0.5	<1	<b>31</b>	<b>5.8</b>
CPT-1@53	5/26/2005	53	<50	<b>180</b>	<0.5	<0.5	<0.5	<1	<0.5	<5
CPT-1@60	5/26/2005	60	<50	<b>82</b>	<0.5	<0.5	<0.5	<1	<0.5	<5
CPT-02@57'	2/22/2006	57	<b>170</b>	NA	<b>0.8</b>	<0.5	<0.5	<0.5	<b>240</b>	<b>26</b>
CPT-02@69'	2/22/2006	69	<50	NA	<b>0.57</b>	<0.5	<0.5	<0.5	<b>0.56</b>	<20
CPT-02@75'	2/22/2006	75	<50	NA	<0.5	<0.5	<0.5	<0.5	<b>0.85</b>	<20
CPT-3 45-50	7/27/2006	50	<b>130</b>	<b>160</b>	<0.5	<0.5	<0.5	<1.0	<b>6.5</b>	<5.0
CPT-3 59-63	7/27/2006	63	<b>730</b>	NA	<0.5	<0.5	<0.5	<1.0	<b>2,000</b>	<b>170</b>
CPT-3 67-72	7/27/2006	72	<b>760</b>	<b>810</b>	<b>0.52</b>	<0.5	<0.5	<1.0	<b>2,400</b>	<b>140</b>
CPT-4 45-49	7/26/2006	49	<50	<b>140</b>	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0
CPT-4 54-58	7/26/2006	58	<50	<b>170</b>	<0.5	<0.5	<0.5	<1.0	<b>2.8</b>	<5.0
CPT-4 64-69	7/26/2006	69	<50	<b>400</b>	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0

**Notes:**

NA = not analyzed

ug/l = micrograms per liter

TPH-G = Total petroleum hydrocarbons as gasoline

MTBE = Methyl tert-butyl ether

TBA = tert-Butyl alcohol

**Table 2**  
**Summary of Soil Analytical Data**  
 Shell Service Station  
 8999 San Ramon Road, Dublin, CA

Sample Designation	Date Sampled	Depth (feet)	TPH-G (mg/kg)	TPH-D (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylene (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)
<u>Geoprobe</u>										
GP-1@5'	5/2/2005	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.12	0.069
GP-1@10'	5/2/2005	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.034	0.16
GP-1@15'	5/2/2005	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.43	0.31
GP-1@20'	5/2/2005	20	<4.0	<1.0	<0.02	<0.02	<0.02	<0.02	0.16	0.28
GP-1@25'	5/2/2005	25	<3.7	<1.0	<0.018	<0.018	<0.018	<0.018	<0.018	0.56
GP-2@5'	5/2/2005	5	<50	<1.0	<0.5	<0.5	<0.5	<0.5	1.5	<2.5
GP-2@10'	5/2/2005	10	<50	1.7	<0.5	<0.5	<0.5	<0.5	0.72	12
GP-2@15'	5/2/2005	15	<50	<1.0	<0.5	<0.5	<0.5	<0.5	9.5	4.7
GP-2@20'	5/2/2005	20	<50	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	8
GP-2@25'	5/2/2005	25	<50	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	13
GP-3@4'	4/29/2005	4	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
GP-3@5'	4/29/2005	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.11	0.058
GP-3@10'	5/2/2005	10	<1.0	2.2	<0.005	<0.005	<0.005	<0.005	0.18	0.041
GP-3@15'	5/2/2005	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.14	0.035
GP-3@20'	5/2/2005	20	<1.0	1.2	<0.005	<0.005	<0.005	<0.005	0.022	0.011
GP-3@25'	5/2/2005	25	<1.0	3.3	<0.005	<0.005	<0.005	<0.005	0.023	0.037
GP-5@4.5'	4/29/2005	4.5	1,000	14	<0.5	3.3	10	76	<0.5	<2.5
GP-5@5'	4/29/2005	5	2.1	<1.0	0.031	0.033	0.071	0.56	0.01	<0.01
GP-5@10'	5/3/2005	10	<50	<1.0	<0.5	<0.5	<0.5	0.016	0.32	0.12
GP-5@15'	5/3/2005	15	<50	1.6	<0.5	<0.5	<0.5	<0.5	6.9	<2.5
GP-5@20'	5/3/2005	20	<50	1.6	<0.5	<0.5	<0.5	<0.5	2.2	<2.5
GP-5@25'	5/3/2005	25	290	3.8	<0.5	<0.5	<0.5	9	1.7	<2.5
GP-6@5'	4/29/2005	5	<50	9.7	<0.5	<0.5	<0.5	<0.5	5.3	7.3
GP-6@10'	5/2/2005	10	<2.1	8.8	<0.011	<0.011	<0.011	<0.011	0.11	2.5
GP-6@15'	5/2/2005	15	<50	2.8	<0.5	<0.5	<0.5	<0.5	20	4.6
GP-6@20'	5/2/2005	20	<50	1.9	<0.5	<0.5	<0.5	<0.5	17	<2.5
GP-6@25'	5/2/2005	25	<50	1.9	<0.5	<0.5	<0.5	<0.5	1.3	4.5
GP-7@5'	4/29/2005	5	1.5	2.3	0.0096	<0.005	0.035	0.099	0.19	0.093
GP-7@10'	5/2/2005	10	<50	2.1	<0.5	<0.5	<0.5	<0.5	0.91	<2.5
GP-7@15'	5/2/2005	15	<50	38	<0.5	<0.5	<0.5	<0.5	5.3	<2.5
GP-7@20'	5/2/2005	20	<50	2.1	<0.5	<0.5	<0.5	<0.5	3	<2.5
GP-7@25'	5/2/2005	25	<4.5	6.8	<0.023	<0.023	<0.023	<0.023	0.83	1.4
GP-8@3.5'	4/29/2005	3.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.34	0.20

**Table 2**  
**Summary of Soil Analytical Data**  
 Shell Service Station  
 8999 San Ramon Road, Dublin, CA

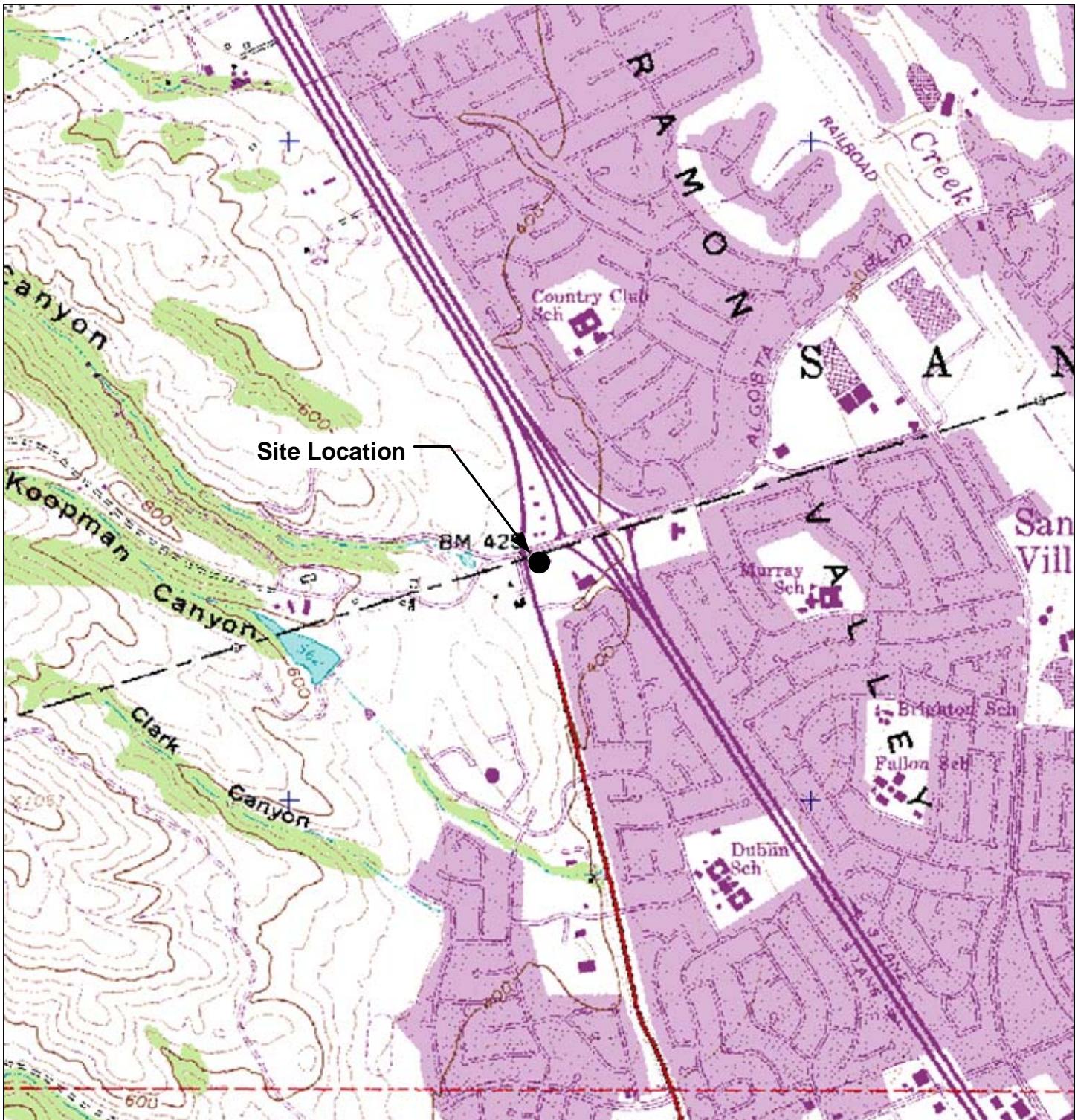
Sample Designation	Date Sampled	Depth (feet)	TPH-G (mg/kg)	TPH-D (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylene (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)
GP-8@5'	4/29/2005	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.073	0.021
GP-8@11'	5/3/2005	11	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.38	0.17
GP-8@15'	5/3/2005	15	<1.0	1.6	<0.005	<0.005	<0.005	<0.005	0.37	0.018
GP-8@20'	5/3/2005	20	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.0083	0.012
GP-8@25'	5/3/2005	25	<1.0	1.2	<0.005	<0.005	<0.005	<0.005	0.017	0.059
GP-9@5'	4/29/2005	5	<2.0	1.7	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
GP-9@10'	5/4/2005	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.2	0.15
GP-9@15'	5/4/2005	15	<50	<1.0	<0.5	<0.5	<0.5	<0.5	5.6	3.6
GP-9@20'	5/4/2005	20	<50	<1.0	<0.5	<0.5	<0.5	<0.5	8.2	7.8
GP-9@25'	5/4/2005	25	<50	<1.0	<0.5	<0.5	<0.5	<0.5	3.5	6.5
GP-10@5'	4/29/2005	5	<4.7	<1.0	<0.023	<0.023	<0.023	<0.023	0.2	0.28
GP-10@10'	5/4/2005	10	<3.7	<1.0	<0.019	<0.019	<0.019	<0.019	1.3	1.1
GP-10@15'	5/4/2005	15	<50	<1.0	<0.5	<0.5	<0.5	<0.5	10	5.2
GP-10@20'	5/4/2005	20	<50	2	<0.5	<0.5	<0.5	<0.5	8.4	<2.5
GP-10@25'	5/4/2005	25	<50	<1.0	<0.5	<0.5	<0.5	<0.5	5.4	15
GP-11@5'	4/29/2005	5	<2.0	1.6	<0.01	<0.01	<0.01	<0.01	0.18	0.052
GP-11@10'	5/3/2005	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.077	0.077
GP-11@15'	5/3/2005	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.38	0.37
GP-11@20'	5/3/2005	20	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.069	0.25
GP-11@25'	5/3/2005	25	<4.9	<1.0	<0.025	<0.025	<0.025	<0.025	1.5	1
GP-12@5'	4/29/2005	5	<2.0	<1.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
GP-12@10'	5/4/2005	10	<1.0	1.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
GP-12@15'	5/4/2005	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.014	0.024
GP-12@20'	5/4/2005	20	<1.0	1.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
GP-12@25'	5/4/2005	25	<1.0	1.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
GP-13@1.5'	4/29/2005	1.5	<2.0	13	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
GP-13@5'	4/29/2005	5	<2.0	<1.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
GP-13@10'	5/3/2005	10.5	<1.0	1.5	<0.005	<0.005	<0.005	<0.005	0.0057	<0.01
GP-13@15'	5/3/2005	15	<1.0	11	<0.005	<0.005	<0.005	<0.005	0.019	<0.01
GP-13@20'	5/3/2005	20	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.012	0.021
GP-13@25'	5/3/2005	25	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.021	0.016
GP-14@5'	4/29/2005	5	<5.0	2.1	<0.025	<0.025	<0.025	<0.025	0.6	0.47
GP-14@11'	5/2/2005	11	<4.0	1.8	<0.02	<0.02	<0.02	<0.02	0.72	0.39
GP-14@15'	5/2/2005	15	<1.0	1.3	<0.005	<0.005	<0.005	<0.005	0.0068	0.3

**Table 2**  
**Summary of Soil Analytical Data**  
 Shell Service Station  
 8999 San Ramon Road, Dublin, CA

Sample Designation	Date Sampled	Depth (feet)	TPH-G (mg/kg)	TPH-D (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylene (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)
GP-14@20'	5/2/2005	20	<4.7	<1.0	<0.024	<0.024	<0.024	<0.024	<b>0.049</b>	<b>2.8</b>
GP-14@25'	5/2/2005	25	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<b>0.065</b>	<b>1.1</b>
<u>Well Installation</u>										
MW-1@5'	5/2/2005	5	<1.0	<b>1.3</b>	<0.005	<0.005	<0.005	<0.005	<b>0.19</b>	<b>0.16</b>
MW-1@10'	5/5/2005	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<b>14</b>	<b>3</b>
MW-1@15'	5/5/2005	15	<2.5	<1.0	<0.025	<0.025	<0.025	0.026	<b>17</b>	<b>4.6</b>
MW-1@20'	5/5/2005	20	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<b>1.2</b>	<b>2.7</b>
MW-1@25'	5/5/2005	25	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<b>0.04</b>	<b>5.9</b>
MW-2@5'	5/2/2005	5	<50	<1.0	<0.5	<0.5	<0.5	<0.5	<b>1.2</b>	<2.5
MW-2@10'	5/5/2005	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<b>0.067</b>	<b>0.012</b>
MW-2@15'	5/5/2005	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
MW-2@20'	5/5/2005	20	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
MW-2@25'	5/5/2005	25	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<b>0.017</b>
MW-3@5'	5/2/2005	5	<1.0	<b>1.2</b>	<0.005	<0.005	<0.005	<0.005	<b>0.018</b>	<b>0.01</b>
MW-3@10'	5/5/2005	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
MW-3@15'	5/5/2005	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
MW-3@20'	5/5/2005	20	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
MW-3@25'	5/5/2005	25	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
MW-4@5'	5/2/2005	5	<1.0	<b>2.8</b>	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
MW-4@10'	5/6/2005	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<b>0.0057</b>
MW-4@15'	5/6/2005	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<b>0.023</b>
MW-4@20'	5/6/2005	20	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<b>0.0058</b>
MW-4@25'	5/6/2005	25	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
MW-6@10'	2/23/2006	10	<2.5	<b>1.2</b>	<0.05	<0.05	<0.05	<0.05	<b>1.4</b>	<5.0
MW-6@15'	2/23/2006	15	<b>3.8</b>	<b>1.4</b>	<0.05	<0.05	<0.05	<0.05	<0.05	<5.0
MW-6@20'	2/23/2006	20	<0.1	<b>1.5</b>	<0.005	<0.005	<0.005	<0.005	<b>0.089</b>	<0.02
MW-8@15'	7/26/2006	15	<1.0	<2.0	<0.005	<0.005	<0.005	<0.01	<0.005	<0.5
MW-8@20'	7/26/2006	20	<1.0	<2.0	<0.005	<0.005	<0.005	<0.01	<0.005	<0.5
MW-10@5'	7/25/2006	5	<1.0	<2.0	<0.005	<0.005	<0.005	<0.01	<b>0.017</b>	<0.5
MW-10@10'	7/26/2006	10	<1.0	<2.0	<0.005	<0.005	<0.005	<0.01	<b>0.16</b>	<0.5
MW-10@15'	7/26/2006	15	<1.0	<2.0	<0.005	<0.005	<0.005	<0.01	<b>0.044</b>	<0.5
MW-10@19.5'	7/26/2006	19.5	<1.0	<2.0	<0.005	<0.005	<0.005	<0.01	<0.005	<0.5
MW-10@25'	7/26/2006	25	<1.0	<2.0	<0.005	<0.005	<0.005	<0.01	<0.005	<b>0.2</b>

**Table 2**  
**Summary of Soil Analytical Data**  
 Shell Service Station  
 8999 San Ramon Road, Dublin, CA

Sample Designation	Date Sampled	Depth (feet)	TPH-G (mg/kg)	TPH-D (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylene (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)
MW-10@28'	7/26/2006	28	<1.0	<2.0	<0.005	<0.005	<0.005	<0.01	<0.005	<b>0.096</b>
MW-11@5'	7/25/2006	5	<1.0	<2.0	<0.005	<0.005	<0.005	<0.01	<0.005	<0.5
<u>Sewer Trench Backfill</u>										
Sewer Trench Backfill-2.5'	5/26/2005	2.5	<1.0	<b>1.6</b>	<0.005	<0.005	<0.005	<0.005	<b>0.044</b>	<b>0.046</b>
<b>Notes:</b>										
mg/kg = milligrams per kilogram			TBA = tert-Butyl alcohol							
TPH-G = Total petroleum hydrocarbons as gasoline			NA = not analyzed							
MTBE = Methyl tert-butyl ether			NM = not measured							



**GENERAL NOTES:**

Base Map from: 3-D TopoQuads DeLorme  
Yarmouth, ME 04096 Source Data: USGS



0 1,300 2,600  
Scale, Feet

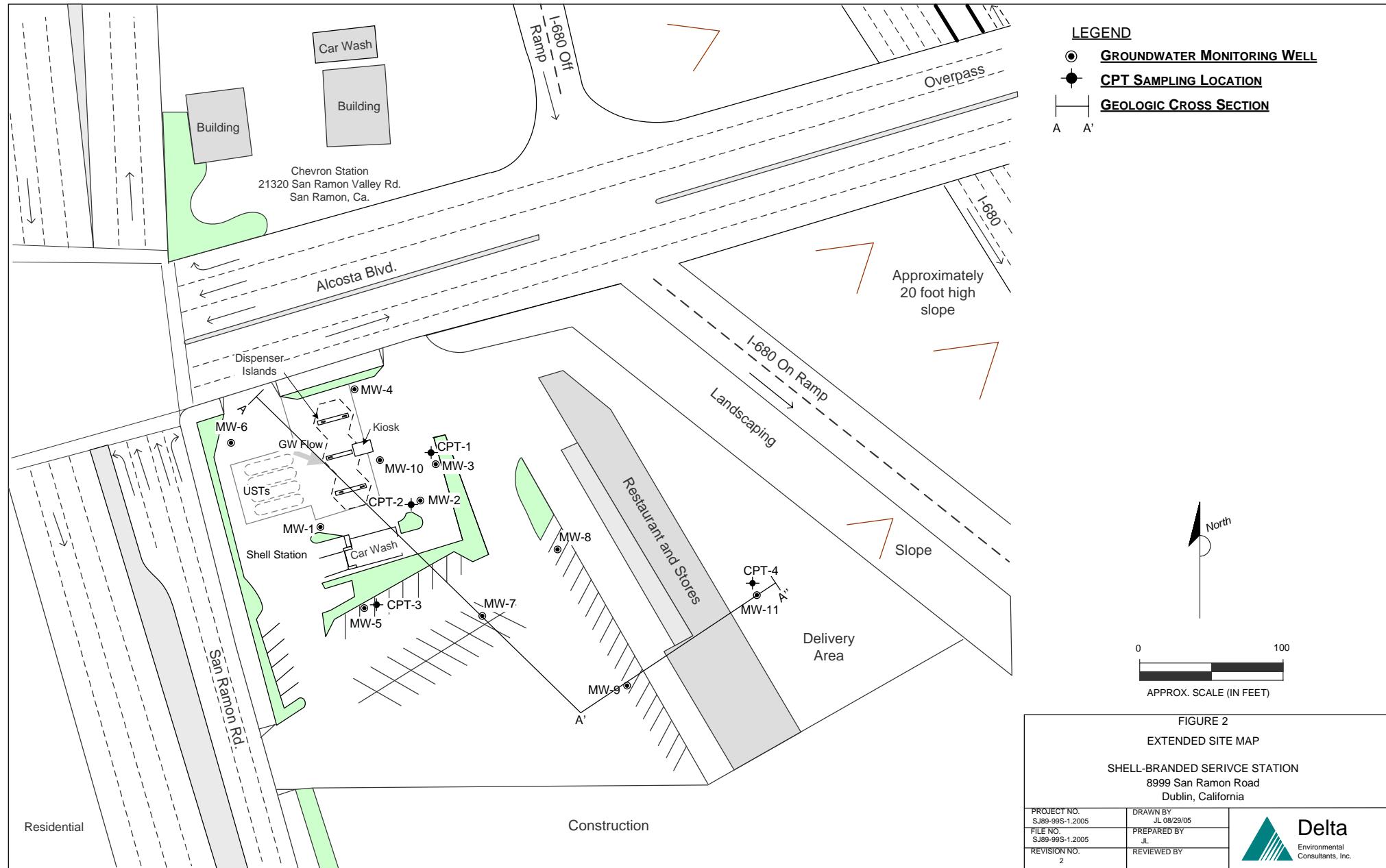


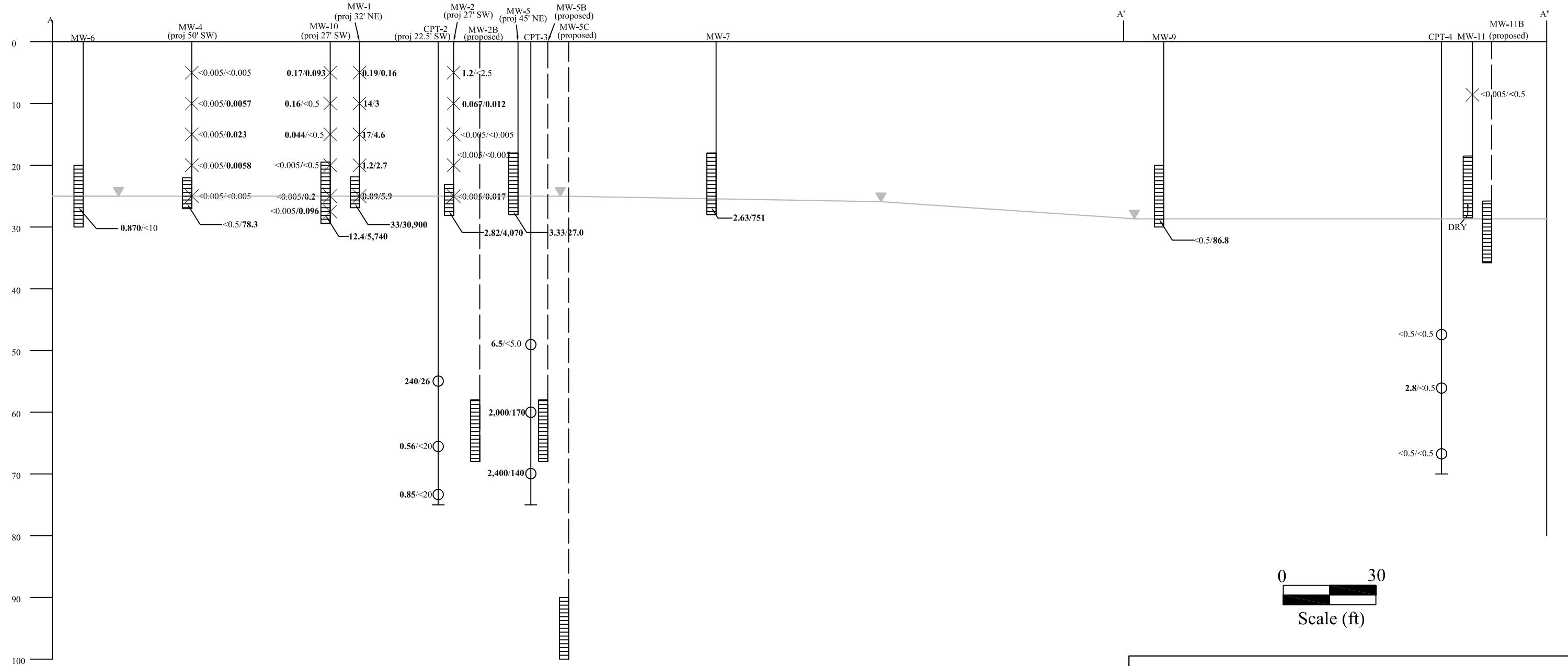
**FIGURE 1**  
**SITE LOCATION MAP**

**SHELL-BRANDED SERVICE STATION**  
8999 San Ramon Road  
Dublin, California

PROJECT NO. SJ89-99S-1.2005	DRAWN BY V. F. 12/9/04
FILE NO. SJ89-99S-1.2004	PREPARED BY VF
REVISION NO.	REVIEWED BY







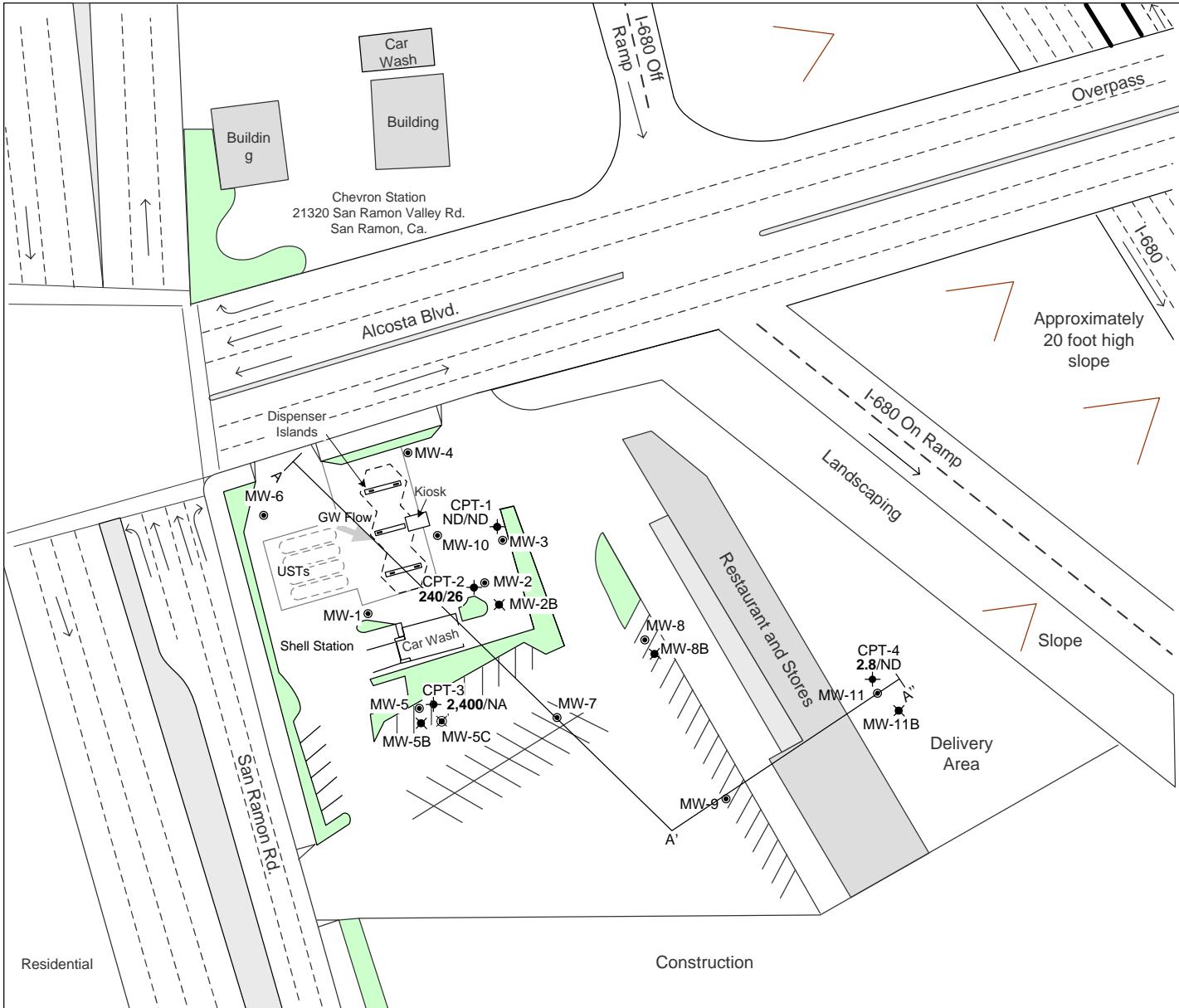
**LEGEND**

- 6.5/<5.0 MTBE/TBA CONCENTRATIONS IN GROUNDWATER (µg/L)
- × 1.2/<2.5 MTBE/TBA CONCENTRATIONS IN SOIL (mg/kg)
- ▼ GROUNDWATER ELEVATION (8/24/06)
- PROPOSED WELL
- SCREENED INTERVAL
- MW-1 WELL/BORING IDENTIFICATION
- (0.870/40) MTBE/TBA CONCENTRATIONS GROUNDWATER (µg/L), 8/24/06

**FIGURE 3**  
**GEOLOGIC CROSS SECTION A-A'-A''**

**SHELL SERVICE STATION**  
8999 San Ramon Rd.  
Dublin, CA

PROJECT NO.	DRAWN BY BH 09/15/06
FILE NO.	PREPARED BY
REVISION NO.	REVIEWED BY



### LEGEND

- GROUNDWATER MONITORING WELL
- CPT SAMPLING LOCATION
- PROPOSED "B" WELL
- PROPOSED "C" WELL
- MTBE/TBA UG/L 2006, DEPTHS > 50 FEET BG
- GEOLOGIC CROSS SECTION

0 100  
APPROX. SCALE (IN FEET)



FIGURE 4  
MTBE/TBA GROUNDWATER CONCENTRATIONS  
>50 FEET BELOW GRADE  
SHELL-BRANDED SERVICE STATION  
8999 San Ramon Road  
Dublin, California

PROJECT NO.  
SJ89-99S-1.2005

FILE NO.  
SJ89-99S-1.2005

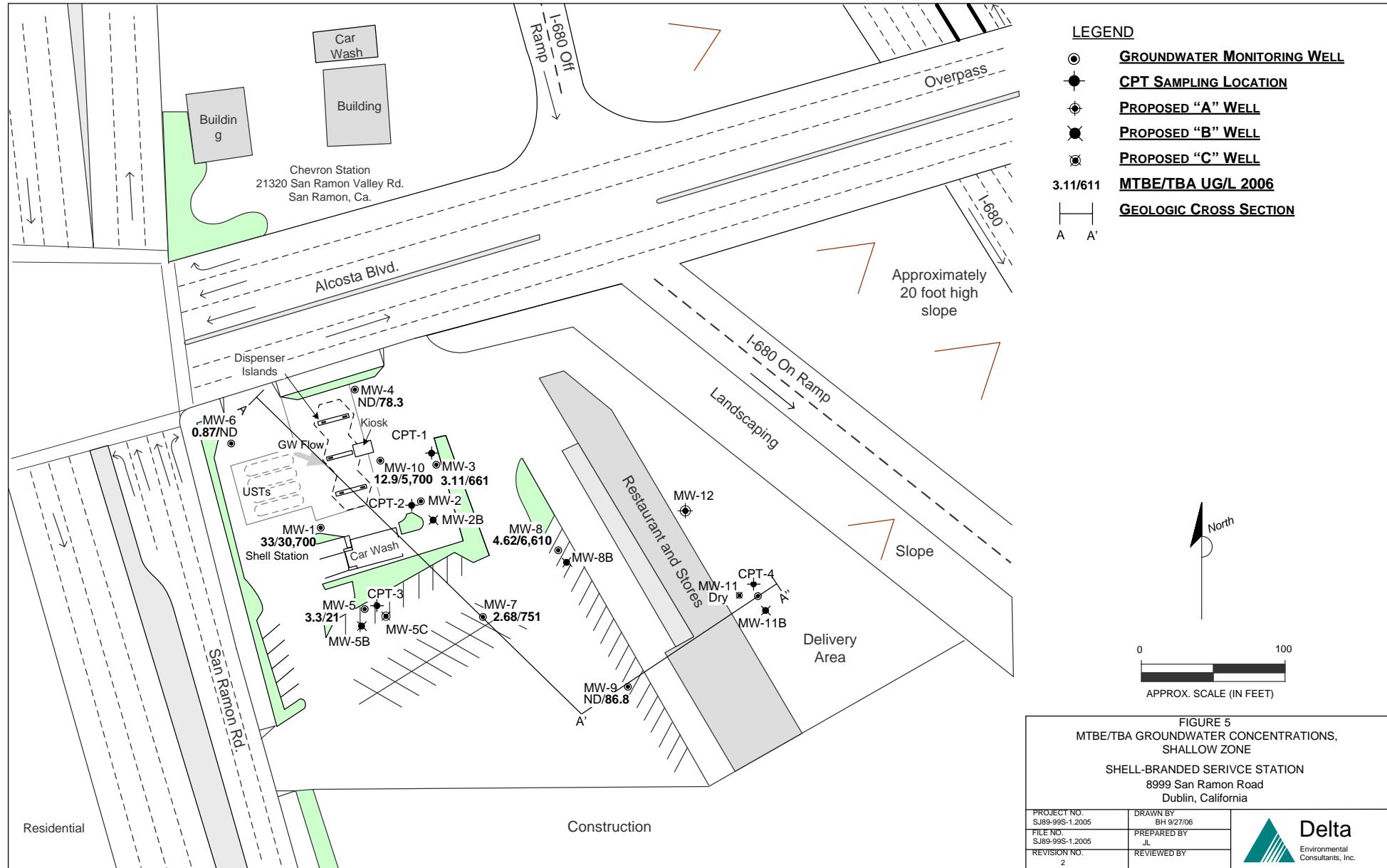
REVISION NO.  
2

DRAWN BY  
BH 9/27/06

PREPARED BY  
JL

REVIEWED BY

**Delta**  
Environmental  
Consultants, Inc.



**Attachment A**

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**ALAMEDA COUNTY ZONE 7 WATER AGENCY DRILLING PERMITS**



# ZONE 7 WATER AGENCY

5997 PARKSIDE DRIVE PLEASANTON, CALIFORNIA 94588-5127 VOICE (925) 484-2600 X235 FAX (925) 462-3914

## DRILLING PERMIT APPLICATION

### FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 8931 San Ramon Rd  
Dublin, CA  
(San Ramon Village Plaza)

California Coordinates Source \_\_\_\_\_ Accuracy ± \_\_\_\_\_ ft.  
CCN \_\_\_\_\_ ft. CCE \_\_\_\_\_ ft.  
APN 941-164-3-5

CLIENT  
Name Shell Oil Products U.S.  
Address 20945 S. Wilmington Ave. Phone (707) 965-0251  
City Carson, CA Zip 90810

APPLICANT  
Name Delta Environmental Consultants  
Rebecca Wolfe Fax (408) 225-8500  
Address 175 Bernal Rd, Ste. 200 Phone (408) 926-1968  
City San Jose Zip 95119

TYPE OF PROJECT:

Well Construction	<input type="checkbox"/>	Geotechnical Investigation	<input type="checkbox"/>
Well Destruction	<input type="checkbox"/>	Contamination Investigation	<input checked="" type="checkbox"/>
Cathodic Protection	<input type="checkbox"/>	Other _____	<input type="checkbox"/>

PROPOSED WELL USE:

Domestic	<input type="checkbox"/>	Irrigation	<input type="checkbox"/>
Municipal	<input type="checkbox"/>	Remediation	<input type="checkbox"/>
Industrial	<input type="checkbox"/>	Groundwater Monitoring	<input checked="" type="checkbox"/>
Dewatering	<input type="checkbox"/>	Other _____	<input type="checkbox"/>

DRILLING METHOD:

Mud Rotary	<input type="checkbox"/>	Air Rotary	<input type="checkbox"/>	Hollow Stem Auger	<input checked="" type="checkbox"/>
Cable Tool	<input type="checkbox"/>	Direct Push	<input type="checkbox"/>	Other _____	<input type="checkbox"/>

DRILLING COMPANY Gregg Drilling + Testing  
DRILLER'S LICENSE NO. C57-485165

WELL SPECIFICATIONS:

Drill Hole Diameter	<u>8</u>	in.	Maximum	
Casing Diameter	<u>2</u>	in.	Depth	<u>40</u> ft.
Surface Seal Depth	<u>2.8</u>	ft.	Number	<u>MW-11</u>

SOIL BORINGS:

Number of Borings		Maximum	
Hole Diameter	<u>8</u> in.	Depth	<u>40</u> ft.

ESTIMATED STARTING DATE 7-24-06

ESTIMATED COMPLETION DATE 7-28-06

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

APPLICANT'S  
SIGNATURE Rebecca Wolfe Date 7-10-06

ATTACH SITE PLAN OR SKETCH

### FOR OFFICE USE

PERMIT NUMBER 26117

WELL NUMBER 2S/1W-35B5

APN 941-0164-003-05

### 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 diameter is four inches greater than the well casing diameter.
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. Grout placed by tremie.
4. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
5. A sample port is required on the discharge pipe near the wellhead.

**C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS**

1. Minimum surface seal diameter is four inches greater than the well or piezometer casing diameter.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
3. Grout placed by tremie.

**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.

**SPECIAL CONDITIONS**: Submit to Zone 7 within 60 days after completion of permitted work the well installation report including all soil and water laboratory analysis results.

Approved Wyman Hong Date 7/18/06  
Wyman Hong



# ZONE 7 WATER AGENCY

5997 PARKSIDE DRIVE PLEASANTON, CALIFORNIA 94588-5127 VOICE (925) 484-2600 X235 FAX (925) 462-3914

## DRILLING PERMIT APPLICATION

### FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 8999 San Ramon Rd.  
Dublin CA  
(San Ramon Village Plaza)

California Coordinates Source \_\_\_\_\_ Accuracy: \_\_\_\_\_ ft.  
 CCN \_\_\_\_\_ ft. COE \_\_\_\_\_ ft.  
 APN 941-164-1-7

CLIENT  
 Name Shell Oil Products US  
 Address 20945 S. Wilmington Ave Phone (707) 965-0251  
 City Carson, CA Zip 90610

APPLICANT  
 Name Delta Environmental Consultants  
Rebecca Wolff Fax (408) 225-6506  
 Address 175 Bernal Rd. Ste 200 Phone (408) 824-1868  
 City San Jose Zip 95119

#### TYPE OF PROJECT:

Well Construction  Geotechnical Investigation   
 Well Destruction  Contamination Investigation   
 Cathodic Protection  Other \_\_\_\_\_

#### PROPOSED WELL USE:

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. C57-485105

#### WELL SPECIFICATIONS:

Drill Hole Diameter 10 in. Maximum 30 ft.  
 Casing Diameter 4 in. Depth 30 ft.  
 Surface Seal Depth 10 ft. Number MW-10

#### SOIL BORINGS:

Number of Borings \_\_\_\_\_ Maximum \_\_\_\_\_  
 Hole Diameter \_\_\_\_\_ in. Depth \_\_\_\_\_ ft.

ESTIMATED STARTING DATE 7-24-06

ESTIMATED COMPLETION DATE 7-28-06

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

APPLICANT'S SIGNATURE Rebecca Wolff Date 7-10-06

ATTACH SITE PLAN OR SKETCH

### FOR OFFICE USE

PERMIT NUMBER 26118  
 WELL NUMBER 2S/1W-35C10  
 APN 941-0164-001-07

#### 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 diameter is four inches greater than the well casing diameter.
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. Grout placed by tremie.
4. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
5. A sample port is required on the discharge pipe near the wellhead.

#### C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS

1. Minimum surface seal diameter is four inches greater than the well or piezometer casing diameter.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
3. Grout placed by tremie.

#### 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 completion of permitted work the well installation report including all soil and water laboratory analysis results.

Approved

Wyman Hong

Date 7/18/06



## ZONE 7 WATER AGENCY

5997 PARKSIDE DRIVE PLEASANTON, CALIFORNIA 94588-5127 VOICE (925) 484-2600 X235 FAX (925) 462-3914

## DRILLING PERMIT APPLICATION

## FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 8931 San Ramon Road  
Dublin, CA  
(San Ramon Village Plaza)

California Coordinates Source \_\_\_\_\_ Accuracy± \_\_\_\_\_ ft.  
 CCN \_\_\_\_\_ ft. CCE \_\_\_\_\_ ft.  
 APN 941-184-3-5

CLIENT  
 Name Shell Oil Products U.S.  
 Address 20945 S. Wilmington Ave. Phone (213) 955-0251  
 City Carson, CA Zip 90540

APPLICANT  
 Name Delta Environmental Consultants  
 Address 175 Bernad Rd., Ste 200 Phone (408) 826-1868  
 City San Jose Zip 95119

## TYPE OF PROJECT:

Well Construction  Geotechnical Investigation   
 Well Destruction  Contamination Investigation   
 Cathodic Protection  Other

## PROPOSED WELL USE:

Domestic  Irrigation   
 Municipal  Remediation   
 Industrial  Groundwater Monitoring   
 Dewatering  and Other CPT

## DRILLING METHOD:

Mud Rotary  Air Rotary  Hollow Stem Auger   
 Cable Tool  Direct Push  Other

DRILLING COMPANY Great Drilling & TestingDRILLER'S LICENSE NO. CPT-PST-536407Drilling: CPT-485165

## WELL SPECIFICATIONS:

Drill Hole Diameter 10 in. Maximum 27 ft.  
 Casing Diameter 9 in. Depth 27 ft.  
 Surface Seal Depth 22 ft. Number 4  
 (MW-5, MW-7)  
 (MW-5, MW-9)

SOIL BORINGS:  
 Number of Borings 4 (CPT-3) (CPT-4)  
 Hole Diameter 3 in. Maximum 15 ft.  
 Depth 15 ft.

ESTIMATED STARTING DATE 2/20/2006ESTIMATED COMPLETION DATE 2/23/2006

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

APPLICANT'S  
 SIGNATURE Fran Sosic Date 2/16/2006

ATTACH SITE PLAN OR SKETCH

## FOR OFFICE USE

PERMIT NUMBER 26033  
 WELL NUMBER 2S/IW-35B1 to 35B4  
 APN 941-0164-003-05

## 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 diameter is four inches greater than the well casing diameter.
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. Grout placed by tremie.
4. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
5. A sample port is required on the discharge pipe near the wellhead.

## C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS

1. Minimum surface seal diameter is four inches greater than the well or piezometer casing diameter.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
3. Grout placed by tremie.

## 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 completion of permitted work the well installation report including all soil and water laboratory analysis results.

Approved Wyman Hong Wyman Hong Date 2/16/06

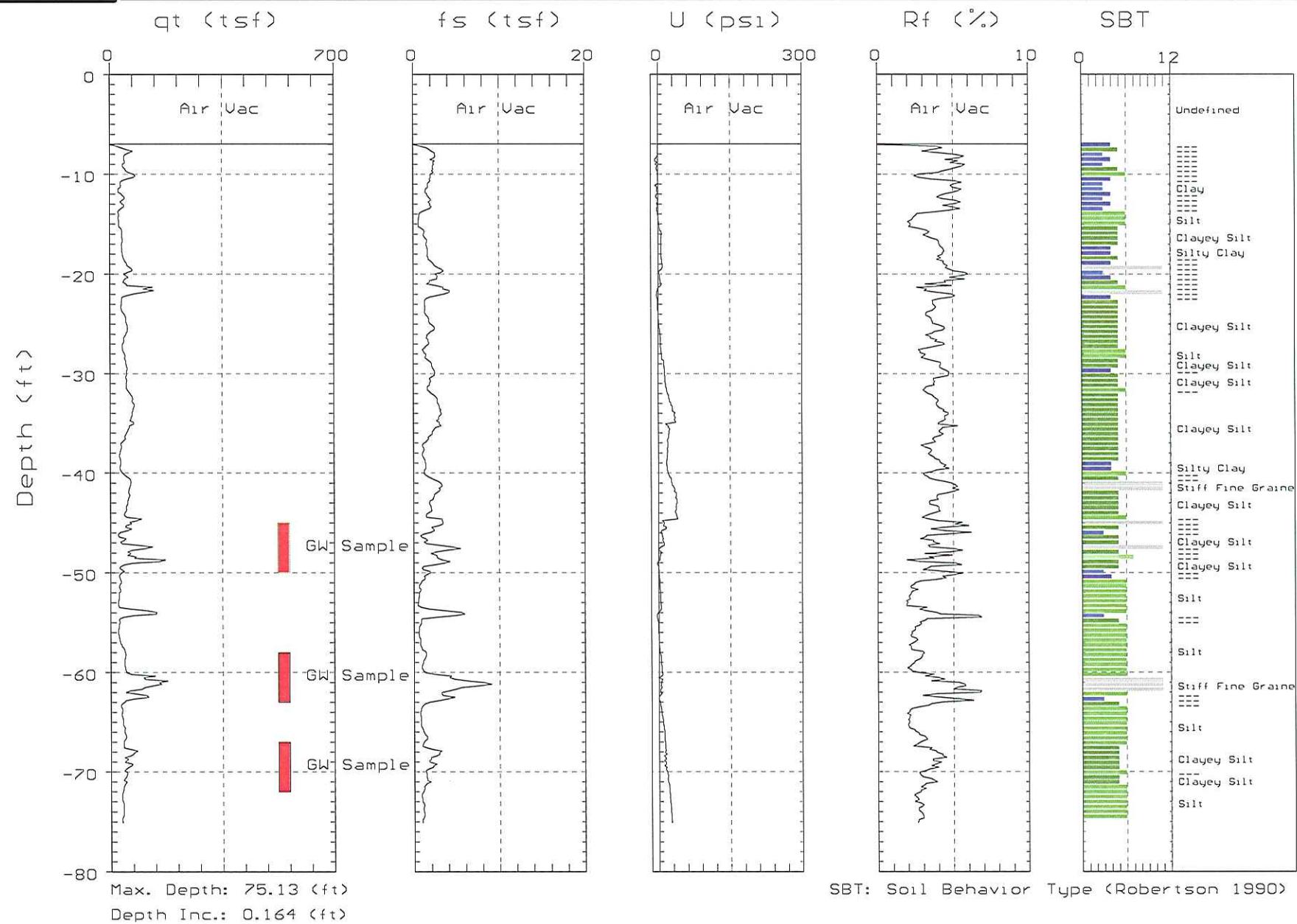
**Attachment B**

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**CPT SOIL GRAPH PROFILES**

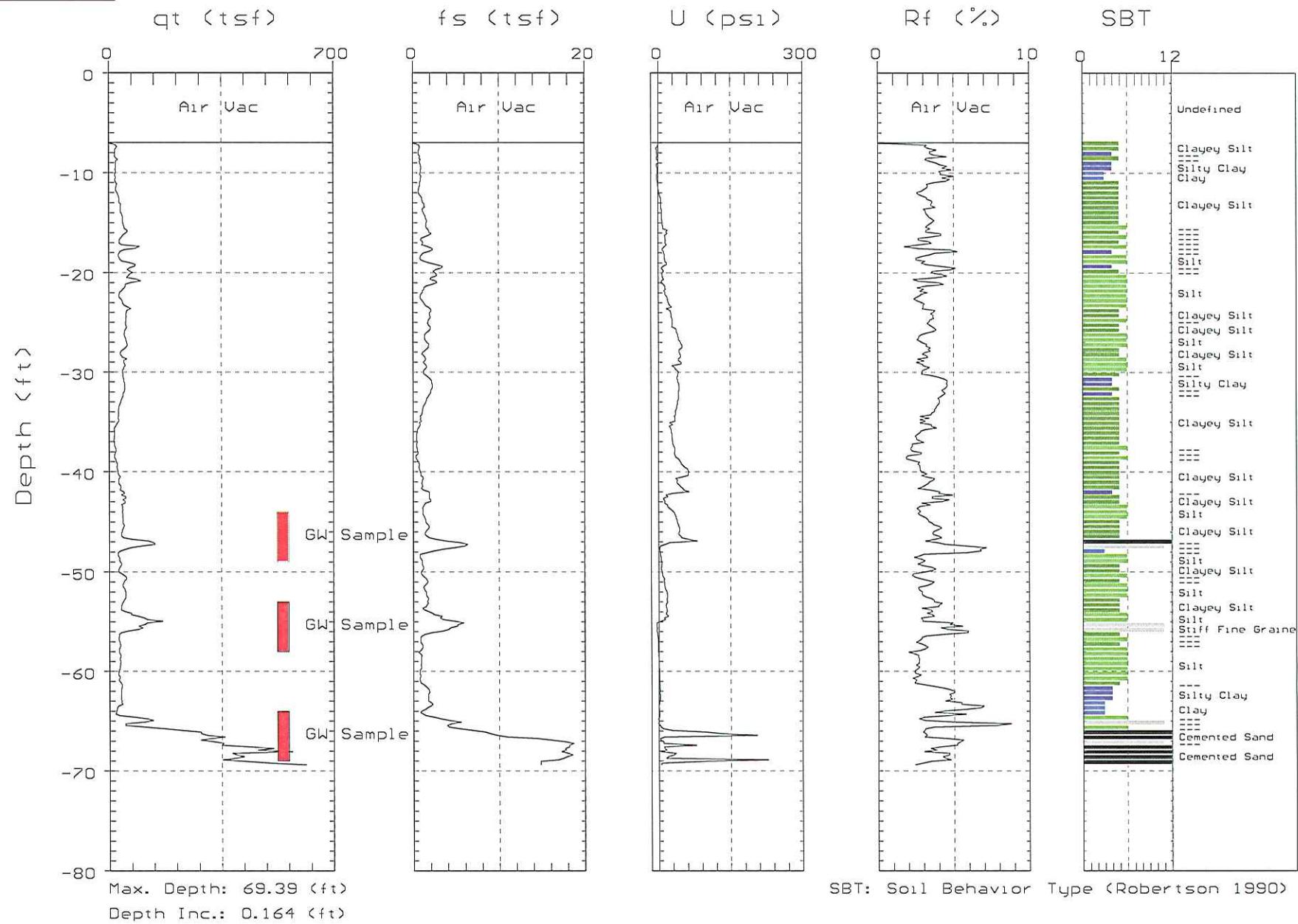


DELTA ENVIRONMENTAL

Site: Shell Sta. 8999  
Location: CPT-3Geologist: L. Dooley  
Date: 07/26/06 13:27

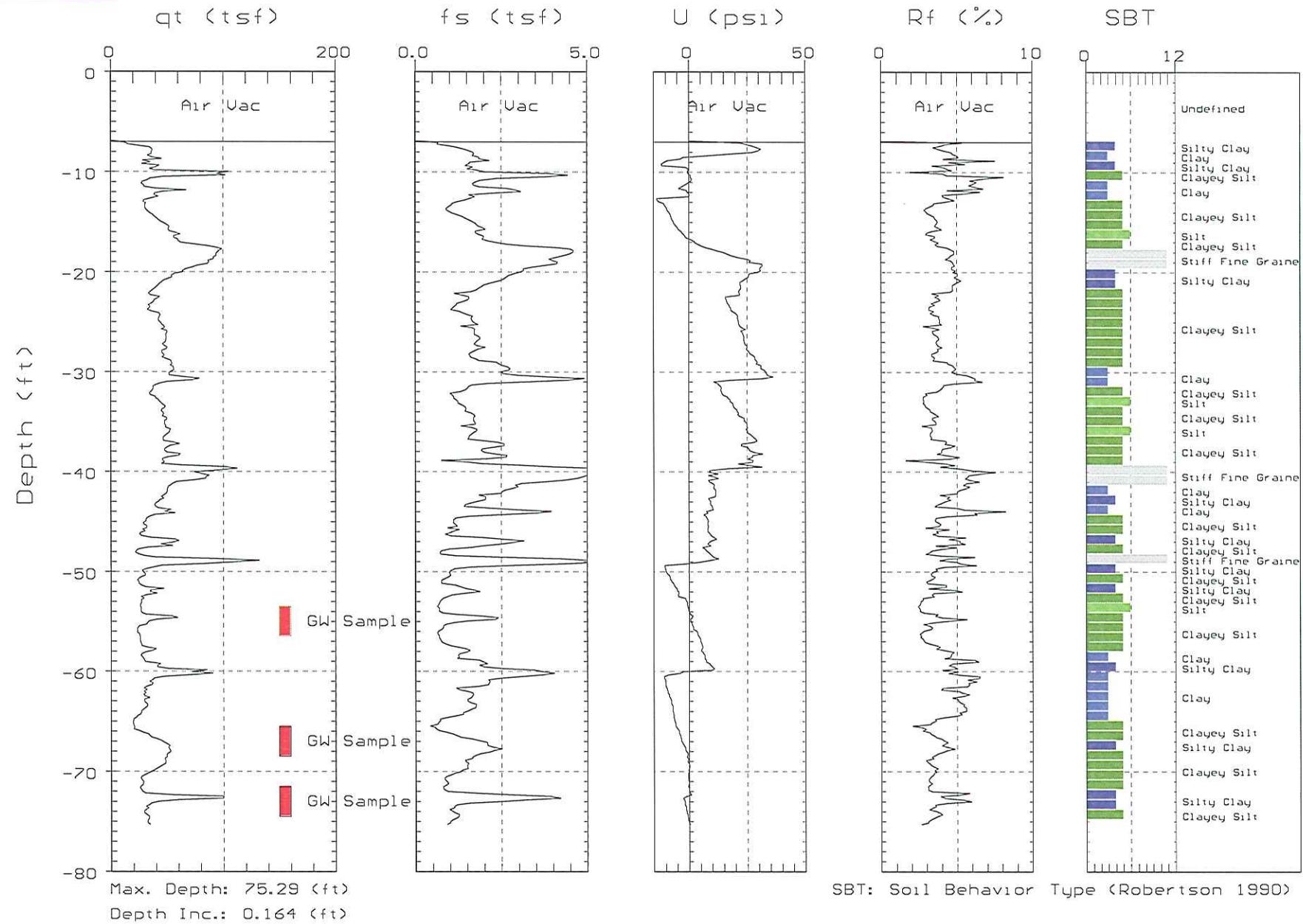


DELTA ENVIRONMENTAL

Site: Shell Station 89  
Location: CPT-4Geologist: L. Dooley  
Date: 07/26/06 08:30



DELTA

Site: SHELL STATION 8999  
Location: CPT-02Engineer: A.PERSIO  
Date: 02:22:06 03:13

**Attachment C**

---

**CERTIFIED ANALYTICAL REPORTS  
AND CHAIN OF CUSTODY DOCUMENTS – GROUNDWATER**



**Sequoia  
Analytical**

885 Jarvis Drive  
Morgan Hill, CA 95037  
(408) 776-9600  
FAX (408) 782-6308  
[www.sequoialabs.com](http://www.sequoialabs.com)

---

21 March, 2006

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

RE: 8999 San Ramon Rd., Dublin  
Work Order: MPB1030

Enclosed are the results of analyses for samples received by the laboratory on 02/24/06 15:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Theresa Allen".

Theresa Allen  
Project Manager

CA ELAP Certificate #1210

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

Project:8999 San Ramon Rd., Dublin  
 Project Number: SJ89-99S-1  
 Project Manager: Rebecca Wolff

MPB1030  
**Reported:**  
 03/21/06 12:59

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CPT-02 @ 57'	MPB1030-01	Water	02/22/06 10:45	02/24/06 15:20
CPT-02 @ 69'	MPB1030-02	Water	02/22/06 11:45	02/24/06 15:20
CPT-02 @ 75'	MPB1030-03	Water	02/22/06 13:30	02/24/06 15:20

2/24/06 - TPH-D analysis canceled per client. Lab needs at least 1 L of sample in an amber glass container for THP-D analysis. No amber was received.

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

Project:8999 San Ramon Rd., Dublin  
 Project Number: SJ89-99S-1  
 Project Manager: Rebecca Wolff

MPB1030  
**Reported:**  
 03/21/06 12:59

**Volatile Organic Compounds by EPA Method 8260B**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-02 @ 57' (MPB1030-01) Water   Sampled: 02/22/06 10:45   Received: 02/24/06 15:20</b>									
Gasoline Range Organics (C4-C12)	170	50	ug/l	1	6C07001	03/07/06	03/07/06	EPA 8260B	
Benzene	0.80	0.50	"	"	"	"	"	"	"
Toluene	ND	0.50	"	"	"	"	"	"	"
Ethylbenzene	ND	0.50	"	"	"	"	"	"	"
Xylenes (total)	ND	0.50	"	"	"	"	"	"	"
<b>tert-Butyl alcohol</b>	<b>26</b>	20	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	60-135	"	"	"	"	"	"
<i>Surrogate: 4-Bromofluorobenzene</i>		87 %	70-120	"	"	"	"	"	"
<i>Surrogate: Dibromofluoromethane</i>		108 %	65-130	"	"	"	"	"	"
<i>Surrogate: Toluene-d8</i>		97 %	70-120	"	"	"	"	"	"
<b>CPT-02 @ 57' (MPB1030-01RE1) Water   Sampled: 02/22/06 10:45   Received: 02/24/06 15:20</b>									
Methyl tert-butyl ether	240	2.5	ug/l	5	6C08003	03/08/06	03/08/06	EPA 8260B	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		87 %	60-135	"	"	"	"	"	"
<i>Surrogate: 4-Bromofluorobenzene</i>		83 %	70-120	"	"	"	"	"	"
<i>Surrogate: Dibromofluoromethane</i>		94 %	65-130	"	"	"	"	"	"
<i>Surrogate: Toluene-d8</i>		78 %	70-120	"	"	"	"	"	"
<b>CPT-02 @ 69' (MPB1030-02) Water   Sampled: 02/22/06 11:45   Received: 02/24/06 15:20</b>									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6C07001	03/07/06	03/07/06	EPA 8260B	
Benzene	0.57	0.50	"	"	"	"	"	"	"
Toluene	ND	0.50	"	"	"	"	"	"	"
Ethylbenzene	ND	0.50	"	"	"	"	"	"	"
Xylenes (total)	ND	0.50	"	"	"	"	"	"	"
<b>Methyl tert-butyl ether</b>	<b>0.56</b>	0.50	"	"	"	"	"	"	"
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99 %	60-135	"	"	"	"	"	"
<i>Surrogate: 4-Bromofluorobenzene</i>		90 %	70-120	"	"	"	"	"	"
<i>Surrogate: Dibromofluoromethane</i>		103 %	65-130	"	"	"	"	"	"
<i>Surrogate: Toluene-d8</i>		98 %	70-120	"	"	"	"	"	"



885 Jarvis Drive  
Morgan Hill, CA 95037  
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FAX (408) 782-6308  
[www.sequoialabs.com](http://www.sequoialabs.com)

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

Project:8999 San Ramon Rd., Dublin  
Project Number: SJ89-99S-1  
Project Manager: Rebecca Wolff

MPB1030  
Reported:  
03/21/06 12:59

**Volatile Organic Compounds by EPA Method 8260B**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-02 @ 75' (MPB1030-03) Water   Sampled: 02/22/06 13:30   Received: 02/24/06 15:20</b>									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6C07001	03/07/06	03/07/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>0.85</b>	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	60-135	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		96 %	70-120	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		106 %	65-130	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		100 %	70-120	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.*

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

Project:8999 San Ramon Rd., Dublin  
 Project Number: SJ89-99S-1  
 Project Manager: Rebecca Wolff

MPB1030  
**Reported:**  
 03/21/06 12:59

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

#### Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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#### Batch 6C07001 - EPA 5030B P/T / EPA 8260B

<b>Blank (6C07001-BLK1)</b>		Prepared & Analyzed: 03/07/06				
Gasoline Range Organics (C4-C12)	ND	50	ug/l			
Benzene	ND	0.50	"			
Toluene	ND	0.50	"			
Ethylbenzene	ND	0.50	"			
Xylenes (total)	ND	0.50	"			
Methyl tert-butyl ether	ND	0.50	"			
tert-Butyl alcohol	ND	20	"			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.52		"	2.50	101	60-135
<i>Surrogate: 4-Bromofluorobenzene</i>	2.20		"	2.50	88	70-120
<i>Surrogate: Dibromofluoromethane</i>	2.69		"	2.50	108	65-130
<i>Surrogate: Toluene-d8</i>	2.43		"	2.50	97	70-120

<b>Laboratory Control Sample (6C07001-BS1)</b>		Prepared & Analyzed: 03/07/06				
Gasoline Range Organics (C4-C12)	475	50	ug/l	440	108	60-140
Benzene	5.03	0.50	"	5.04	100	65-115
Toluene	34.3	0.50	"	38.0	90	85-120
Ethylbenzene	7.33	0.50	"	7.28	101	75-135
Xylenes (total)	43.0	0.50	"	40.8	105	85-125
Methyl tert-butyl ether	7.55	0.50	"	7.84	96	65-125
tert-Butyl alcohol	149	20	"	169	88	75-150
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.50		"	2.50	100	60-135
<i>Surrogate: 4-Bromofluorobenzene</i>	2.58		"	2.50	103	70-120
<i>Surrogate: Dibromofluoromethane</i>	2.60		"	2.50	104	65-130
<i>Surrogate: Toluene-d8</i>	2.61		"	2.50	104	70-120

<b>Laboratory Control Sample Dup (6C07001-BSD1)</b>		Prepared & Analyzed: 03/07/06				
Gasoline Range Organics (C4-C12)	477	50	ug/l	440	108	60-140
Benzene	5.17	0.50	"	5.04	103	65-115
Toluene	34.4	0.50	"	38.0	91	85-120
Ethylbenzene	7.45	0.50	"	7.28	102	75-135
Xylenes (total)	43.8	0.50	"	40.8	107	85-125
Methyl tert-butyl ether	7.60	0.50	"	7.84	97	65-125
tert-Butyl alcohol	158	20	"	169	93	75-150
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.41		"	2.50	96	60-135
<i>Surrogate: 4-Bromofluorobenzene</i>	2.54		"	2.50	102	70-120
<i>Surrogate: Dibromofluoromethane</i>	2.60		"	2.50	104	65-130

Sequoia Analytical - Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.



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

Project:8999 San Ramon Rd., Dublin  
Project Number: SJ89-99S-1  
Project Manager: Rebecca Wolff

MPB1030  
Reported:  
03/21/06 12:59

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Notes
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**Batch 6C07001 - EPA 5030B P/T / EPA 8260B**

Laboratory Control Sample Dup (6C07001-BSD1)	Prepared & Analyzed: 03/07/06				
Surrogate: Toluene-d8	2.61	ug/l	2.50	104	70-120

**Batch 6C08003 - EPA 5030B P/T / EPA 8260B**

Blank (6C08003-BLK1)	Prepared & Analyzed: 03/08/06				
Benzene	ND	0.50	ug/l		
Toluene	ND	0.50	"		
Ethylbenzene	ND	0.50	"		
Xylenes (total)	ND	0.50	"		
Methyl tert-butyl ether	ND	0.50	"		
tert-Butyl alcohol	ND	20	"		
Surrogate: 1,2-Dichloroethane-d4	2.22	"	2.50	89	60-135
Surrogate: 4-Bromofluorobenzene	1.90	"	2.50	76	70-120
Surrogate: Dibromofluoromethane	2.40	"	2.50	96	65-130
Surrogate: Toluene-d8	1.93	"	2.50	77	70-120

Laboratory Control Sample (6C08003-BS1)	Prepared & Analyzed: 03/08/06				
Benzene	10.1	0.50	ug/l	10.0	65-115
Toluene	10.4	0.50	"	10.0	85-120
Ethylbenzene	10.8	0.50	"	10.0	75-135
Xylenes (total)	32.4	0.50	"	30.0	85-125
Methyl tert-butyl ether	7.93	0.50	"	10.0	65-125
tert-Butyl alcohol	192	20	"	200	75-150
Surrogate: 1,2-Dichloroethane-d4	1.87	"	2.50	75	60-135
Surrogate: 4-Bromofluorobenzene	2.37	"	2.50	95	70-120
Surrogate: Dibromofluoromethane	2.09	"	2.50	84	65-130
Surrogate: Toluene-d8	2.29	"	2.50	92	70-120

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

Project:8999 San Ramon Rd., Dublin  
Project Number: SJ89-99S-1  
Project Manager:Rebecca Wolff

MPB1030  
Reported:  
03/21/06 12:59

**Notes and Definitions**

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 STL Other

**Lab Identification (if necessary)**

- TA - Irvine, California
  - TA - Morgan Hill, California
  - TA - Nashville, Tennessee
  - STL
  - Other (location)

## **SHELL Chain Of Custody Record**

## **Shell Project Manager to be invoiced**

- ENVIRONMENTAL SERVICES
- TECHNICAL SERVICES
- CRM: HOUSTON

Denis Brown

NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOIC

INCIDENT NUMBER (ES ONLY)					
9	7	5	6	5	9
SAP or CRMT NUMBER (TS/CRMT)					

DATE: 2/23/06

PAGE: 1 of 1

**Guaranteed by:** (Signature)

✓ by: (Signature)

(Signature)

Received by: /  
Signature:

Received by: (Signature)

**Received by:** (Signature)

Date: 7/24/08

Date:

Time: 15:20

Time:

# SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME:	<u>Delta</u>		DATE REC'D AT LAB:		<u>2/21/06</u>		For Regulatory Purposes?				
REC. BY (PRINT)	<u>MF</u>		TIME REC'D AT LAB:		<u>15:20</u>		DRINKING WATER YES / NO				
WORKORDER:	<u>MPB 1030</u>		DATE LOGGED IN:		<u>2-25-06</u>		WASTE WATER YES / NO				
CIRCLE THE APPROPRIATE RESPONSE			LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / Absent		01	A-C	CPT-026057	6-Vial	HCl	-	L	2/21/06	
	Intact / Broken*		02		↓ 69			↓	↓		
2. Chain-of-Custody	Present / Absent*		03	L	↓ 75	↓	↓	↓	↓	↓	
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:	49										
Corrected Temp:	49										
Is corrected temp 4 +/-2°C? (Acceptance range for samples requiring thermal pres.)	Yes / No**										
*Exception (if any): METALS / DFF ON ICE or Problem COC											

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

14 August, 2006

Lee Dooly  
Delta Environmental Consultants - San Jose  
175 Bernal Rd, Suite 200  
San Jose, CA 95119

RE: Shell 8999 San Ramon, Dublin  
Work Order: S608019

Enclosed are the results of analyses for samples received by the laboratory on 08/01/06 10:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Sylvia Krenn  
Project Manager

CA ELAP Certificate # 2630

Delta Environmental Consultants - San Jose  
175 Bernal Rd, Suite 200  
San Jose CA, 95119

Project: Shell 8999 San Ramon, Dublin  
Project Number: 97565995 SAP# 135244  
Project Manager: Lee Dooly

S608019  
Reported:  
08/14/06 17:17

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CPT-4 54-58	S608019-01	Water	07/26/06 11:05	08/01/06 10:15
CPT-4 45-49	S608019-02	Water	07/26/06 10:45	08/01/06 10:15
CPT-4 64-69	S608019-03	Water	07/26/06 11:45	08/01/06 10:15
CPT-3 45-50	S608019-04	Water	07/27/06 09:05	08/01/06 10:15
CPT-3 59-63	S608019-05	Water	07/27/06 11:00	08/01/06 10:15
CPT-3 67-72	S608019-06	Water	07/27/06 12:20	08/01/06 10:15

Delta Environmental Consultants - San Jose  
175 Bernal Rd, Suite 200  
San Jose CA, 95119

Project: Shell 8999 San Ramon, Dublin  
Project Number: 97565995 SAP# 135244  
Project Manager: Lee Dooly

S608019  
Reported:  
08/14/06 17:17

### Extractable Hydrocarbons by EPA 8015B

#### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-4 54-58 (S608019-01) Water   Sampled: 07/26/06 11:05   Received: 08/01/06 10:15</b>									
Diesel Range Organics (C10-C28)	170	50	ug/l	1	6080054	08/02/06	08/07/06	EPA 8015B-SVOA	
Surrogate: Octacosane		98 %	45-124		"	"	"	"	
<b>CPT-4 45-49 (S608019-02) Water   Sampled: 07/26/06 10:45   Received: 08/01/06 10:15</b>									
Diesel Range Organics (C10-C28)	140	50	ug/l	1	6080054	08/02/06	08/07/06	EPA 8015B-SVOA	
Surrogate: Octacosane		98 %	45-124		"	"	"	"	
<b>CPT-4 64-69 (S608019-03) Water   Sampled: 07/26/06 11:45   Received: 08/01/06 10:15</b>									
Diesel Range Organics (C10-C28)	400	50	ug/l	1	6080054	08/02/06	08/07/06	EPA 8015B-SVOA	
Surrogate: Octacosane		108 %	45-124		"	"	"	"	
<b>CPT-3 45-50 (S608019-04) Water   Sampled: 07/27/06 09:05   Received: 08/01/06 10:15</b>									
Diesel Range Organics (C10-C28)	160	50	ug/l	1	6080054	08/02/06	08/07/06	EPA 8015B-SVOA	
Surrogate: Octacosane		98 %	45-124		"	"	"	"	
<b>CPT-3 67-72 (S608019-06) Water   Sampled: 07/27/06 12:20   Received: 08/01/06 10:15</b>									
Diesel Range Organics (C10-C28)	810	330	ug/l	1	6080054	08/02/06	08/08/06	EPA 8015B-SVOA	R-02
Surrogate: Octacosane		100 %	45-124		"	"	"	"	

Delta Environmental Consultants - San Jose  
175 Bernal Rd, Suite 200  
San Jose CA, 95119

Project: Shell 8999 San Ramon, Dublin  
Project Number: 97565995 SAP# 135244  
Project Manager: Lee Dooly

S608019  
Reported:  
08/14/06 17:17

**Gasoline\BTEX\Oxygenates by EPA method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**CPT-4 54-58 (S608019-01) Water Sampled: 07/26/06 11:05 Received: 08/01/06 10:15**

Tert-butyl alcohol	ND	5.0	ug/l	1	6080141	08/08/06	08/08/06	EPA 8260B	
<b>Methyl tert-butyl ether</b>	<b>2.8</b>	0.50	"	"	"	"	"	"	"
Benzene	ND	0.50	"	"	"	"	"	"	"
Ethylbenzene	ND	0.50	"	"	"	"	"	"	"
Toluene	ND	0.50	"	"	"	"	"	"	"
Xylenes (total)	ND	1.0	"	"	"	"	"	"	"
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	"
<i>Surrogate: 1,2-DCA-d4</i>		110 %	60-140		"	"	"	"	"
<i>Surrogate: Toluene-d8</i>		113 %	60-140		"	"	"	"	"
<i>Surrogate: 4-BFB</i>		98 %	60-140		"	"	"	"	"

**CPT-4 45-49 (S608019-02) Water Sampled: 07/26/06 10:45 Received: 08/01/06 10:15**

Tert-butyl alcohol	ND	5.0	ug/l	1	6080141	08/08/06	08/08/06	EPA 8260B	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	"
Benzene	ND	0.50	"	"	"	"	"	"	"
Ethylbenzene	ND	0.50	"	"	"	"	"	"	"
Toluene	ND	0.50	"	"	"	"	"	"	"
Xylenes (total)	ND	1.0	"	"	"	"	"	"	"
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	"
<i>Surrogate: 1,2-DCA-d4</i>		106 %	60-140		"	"	"	"	"
<i>Surrogate: Toluene-d8</i>		112 %	60-140		"	"	"	"	"
<i>Surrogate: 4-BFB</i>		94 %	60-140		"	"	"	"	"

**CPT-4 64-69 (S608019-03) Water Sampled: 07/26/06 11:45 Received: 08/01/06 10:15**

Tert-butyl alcohol	ND	5.0	ug/l	1	6080141	08/08/06	08/08/06	EPA 8260B	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	"
Benzene	ND	0.50	"	"	"	"	"	"	"
Ethylbenzene	ND	0.50	"	"	"	"	"	"	"
Toluene	ND	0.50	"	"	"	"	"	"	"
Xylenes (total)	ND	1.0	"	"	"	"	"	"	"
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	"
<i>Surrogate: 1,2-DCA-d4</i>		107 %	60-140		"	"	"	"	"
<i>Surrogate: Toluene-d8</i>		114 %	60-140		"	"	"	"	"
<i>Surrogate: 4-BFB</i>		96 %	60-140		"	"	"	"	"

Delta Environmental Consultants - San Jose  
175 Bernal Rd, Suite 200  
San Jose CA, 95119

Project: Shell 8999 San Ramon, Dublin  
Project Number: 97565995 SAP# 135244  
Project Manager: Lee Dooly

S608019  
Reported:  
08/14/06 17:17

**Gasoline\BTEX\Oxygenates by EPA method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**CPT-3 45-50 (S608019-04) Water Sampled: 07/27/06 09:05 Received: 08/01/06 10:15**

Tert-butyl alcohol	ND	5.0	ug/l	1	6080141	08/08/06	08/08/06	EPA 8260B	
<b>Methyl tert-butyl ether</b>	<b>6.5</b>	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<b>Gasoline Range Organics (C4-C12)</b>	<b>130</b>	50	"	"	"	"	"	"	

*Surrogate: 1,2-DCA-d4*

104 % 60-140 "

*Surrogate: Toluene-d8*

114 % 60-140 "

*Surrogate: 4-BFB*

95 % 60-140 "

**CPT-3 59-63 (S608019-05) Water Sampled: 07/27/06 11:00 Received: 08/01/06 10:15**

Tert-butyl alcohol	170	5.0	ug/l	1	6080141	08/08/06	08/08/06	EPA 8260B	
<b>Methyl tert-butyl ether</b>	<b>2300</b>	0.50	"	"	"	"	"	"	E
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<b>Gasoline Range Organics (C4-C12)</b>	<b>730</b>	50	"	"	"	"	"	"	

*Surrogate: 1,2-DCA-d4*

110 % 60-140 "

*Surrogate: Toluene-d8*

116 % 60-140 "

*Surrogate: 4-BFB*

92 % 60-140 "

**CPT-3 59-63 (S608019-05RE1) Water Sampled: 07/27/06 11:00 Received: 08/01/06 10:15**

<b>Methyl tert-butyl ether</b>	<b>2000</b>	12	ug/l	25	6080141	08/09/06	08/09/06	EPA 8260B	
<i>Surrogate: 1,2-DCA-d4</i>		104 %	60-140	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		118 %	60-140	"	"	"	"	"	
<i>Surrogate: 4-BFB</i>		97 %	60-140	"	"	"	"	"	

Delta Environmental Consultants - San Jose  
175 Bernal Rd, Suite 200  
San Jose CA, 95119

Project: Shell 8999 San Ramon, Dublin  
Project Number: 97565995 SAP# 135244  
Project Manager: Lee Dooly

S608019  
Reported:  
08/14/06 17:17

**Gasoline\BTEX\Oxygenates by EPA method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**CPT-3 67-72 (S608019-06) Water Sampled: 07/27/06 12:20 Received: 08/01/06 10:15**

Tert-butyl alcohol	140	5.0	ug/l	1	6080141	08/08/06	08/08/06	EPA 8260B	
Methyl tert-butyl ether	2500	0.50	"	"	"	"	"	"	E
Benzene	0.52	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<b>Gasoline Range Organics (C4-C12)</b>	<b>760</b>	<b>50</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	
<i>Surrogate: 1,2-DCA-d4</i>		112 %	60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		115 %	60-140		"	"	"	"	
<i>Surrogate: 4-BFB</i>		92 %	60-140		"	"	"	"	

**CPT-3 67-72 (S608019-06RE1) Water Sampled: 07/27/06 12:20 Received: 08/01/06 10:15**

<b>Methyl tert-butyl ether</b>	<b>2400</b>	<b>12</b>	<b>ug/l</b>	<b>25</b>	<b>6080141</b>	<b>08/09/06</b>	<b>08/09/06</b>	<b>EPA 8260B</b>	
<i>Surrogate: 1,2-DCA-d4</i>		100 %	60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		119 %	60-140		"	"	"	"	
<i>Surrogate: 4-BFB</i>		95 %	60-140		"	"	"	"	

Delta Environmental Consultants - San Jose  
175 Bernal Rd, Suite 200  
San Jose CA, 95119

Project: Shell 8999 San Ramon, Dublin  
Project Number: 97565995 SAP# 135244  
Project Manager: Lee Dooly

S608019  
Reported:  
08/14/06 17:17

**Extractable Hydrocarbons by EPA 8015B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6080054 - EPA 3510C / EPA 8015B-SVOA**

<b>Blank (6080054-BLK1)</b>							Prepared: 08/02/06 Analyzed: 08/03/06			
Diesel Range Organics (C10-C28)	ND	50	ug/l							
<i>Surrogate: Octacosane</i>	15.7	"		20.0		78	45-124			
<b>Laboratory Control Sample (6080054-BS1)</b>							Prepared: 08/02/06 Analyzed: 08/04/06			
Diesel Range Organics (C10-C28)	453	50	ug/l	500		91	70-109			
<i>Surrogate: Octacosane</i>	17.5	"		20.0		88	45-124			
<b>Laboratory Control Sample Dup (6080054-BSD1)</b>							Prepared: 08/02/06 Analyzed: 08/03/06			
Diesel Range Organics (C10-C28)	450	50	ug/l	500		90	70-109	0.7	15	
<i>Surrogate: Octacosane</i>	16.4	"		20.0		82	45-124			

TestAmerica - Sacramento, CA

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Delta Environmental Consultants - San Jose  
 175 Bernal Rd, Suite 200  
 San Jose CA, 95119

Project: Shell 8999 San Ramon, Dublin  
 Project Number: 97565995 SAP# 135244  
 Project Manager: Lee Dooly

S608019  
**Reported:**  
 08/14/06 17:17

### Gasoline|BTEX|Oxygenates by EPA method 8260B - Quality Control

#### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Notes
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#### Batch 6080141 - EPA 5030B [P/T] / EPA 8260B

<b>Blank (6080141-BLK1)</b>		Prepared & Analyzed: 08/08/06				
Ethanol	ND	50	ug/l			
Tert-butyl alcohol	ND	5.0	"			
Methyl tert-butyl ether	ND	0.50	"			
Di-isopropyl ether	ND	2.0	"			
Ethyl tert-butyl ether	ND	2.0	"			
Tert-amyl methyl ether	ND	2.0	"			
1,2-Dichloroethane	ND	0.50	"			
1,2-Dibromoethane (EDB)	ND	0.50	"			
Benzene	ND	0.50	"			
Ethylbenzene	ND	0.50	"			
Toluene	ND	0.50	"			
Xylenes (total)	ND	1.0	"			
Gasoline Range Organics (C4-C12)	ND	50	"			
<i>Surrogate: 1,2-DCA-d4</i>	26.2		"	25.0	105	60-140
<i>Surrogate: Toluene-d8</i>	28.3		"	25.0	113	60-140
<i>Surrogate: 4-BFB</i>	23.7		"	25.0	95	60-140

<b>Blank (6080141-BLK2)</b>		Prepared & Analyzed: 08/09/06				
Ethanol	ND	50	ug/l			
Tert-butyl alcohol	ND	5.0	"			
Methyl tert-butyl ether	ND	0.50	"			
Di-isopropyl ether	ND	2.0	"			
Ethyl tert-butyl ether	ND	2.0	"			
Tert-amyl methyl ether	ND	2.0	"			
1,2-Dichloroethane	ND	0.50	"			
1,2-Dibromoethane (EDB)	ND	0.50	"			
Benzene	ND	0.50	"			
Ethylbenzene	ND	0.50	"			
Toluene	ND	0.50	"			
Xylenes (total)	ND	1.0	"			
Gasoline Range Organics (C4-C12)	ND	50	"			
<i>Surrogate: 1,2-DCA-d4</i>	25.9		"	25.0	104	60-140
<i>Surrogate: Toluene-d8</i>	29.6		"	25.0	118	60-140
<i>Surrogate: 4-BFB</i>	23.7		"	25.0	95	60-140

TestAmerica - Sacramento, CA

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Delta Environmental Consultants - San Jose  
 175 Bernal Rd, Suite 200  
 San Jose CA, 95119

Project: Shell 8999 San Ramon, Dublin  
 Project Number: 97565995 SAP# 135244  
 Project Manager: Lee Dooly

S608019  
**Reported:**  
 08/14/06 17:17

**Gasoline|BTEX|Oxygenates by EPA method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6080141 - EPA 5030B [P/T] / EPA 8260B**

<b>Laboratory Control Sample (6080141-BS1)</b>						Prepared & Analyzed: 08/08/06				
Methyl tert-butyl ether	16.5	0.50	ug/l	20.0		82	60-140			
Benzene	17.0	0.50	"	20.0		85	70-130			
Toluene	17.1	0.50	"	20.0		86	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	26.7		"	25.0		107	60-140			
<i>Surrogate: Toluene-d8</i>	27.8		"	25.0		111	60-140			
<i>Surrogate: 4-BFB</i>	25.4		"	25.0		102	60-140			
<b>Laboratory Control Sample (6080141-BS2)</b>						Prepared & Analyzed: 08/08/06				
Gasoline Range Organics (C4-C12)	2030	50	ug/l	2200		92	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	23.9		"	25.0		96	60-140			
<i>Surrogate: Toluene-d8</i>	28.1		"	25.0		112	60-140			
<i>Surrogate: 4-BFB</i>	26.1		"	25.0		104	60-140			
<b>Laboratory Control Sample (6080141-BS3)</b>						Prepared & Analyzed: 08/09/06				
Methyl tert-butyl ether	17.3	0.50	ug/l	20.0		86	60-140			
Benzene	17.5	0.50	"	20.0		88	70-130			
Toluene	19.2	0.50	"	20.0		96	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	25.0		"	25.0		100	60-140			
<i>Surrogate: Toluene-d8</i>	29.9		"	25.0		120	60-140			
<i>Surrogate: 4-BFB</i>	25.1		"	25.0		100	60-140			
<b>Laboratory Control Sample (6080141-BS4)</b>						Prepared & Analyzed: 08/09/06				
Gasoline Range Organics (C4-C12)	2030	50	ug/l	2200		92	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	25.7		"	25.0		103	60-140			
<i>Surrogate: Toluene-d8</i>	29.2		"	25.0		117	60-140			
<i>Surrogate: 4-BFB</i>	26.8		"	25.0		107	60-140			
<b>Matrix Spike (6080141-MS1)</b>						Prepared & Analyzed: 08/08/06				
Gasoline Range Organics (C4-C12)	2000	50	ug/l	2200	ND	91	60-140			
<i>Surrogate: 1,2-DCA-d4</i>	25.1		"	25.0		100	60-140			
<i>Surrogate: Toluene-d8</i>	28.5		"	25.0		114	60-140			
<i>Surrogate: 4-BFB</i>	26.3		"	25.0		105	60-140			

TestAmerica - Sacramento, CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

Delta Environmental Consultants - San Jose  
175 Bernal Rd, Suite 200  
San Jose CA, 95119

Project: Shell 8999 San Ramon, Dublin  
Project Number: 97565995 SAP# 135244  
Project Manager: Lee Dooly

S608019  
Reported:  
08/14/06 17:17

**Gasoline|BTEX|Oxygenates by EPA method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6080141 - EPA 5030B [P/T] / EPA 8260B**

Matrix Spike Dup (6080141-MSD1)	Source: S608019-03		Prepared & Analyzed: 08/08/06							
Gasoline Range Organics (C4-C12)	2180	50	ug/l	2200	ND	99	60-140	9	25	
Surrogate: 1,2-DCA-d4	25.0	"		25.0		100	60-140			
Surrogate: Toluene-d8	28.5	"		25.0		114	60-140			
Surrogate: 4-BFB	26.9	"		25.0		108	60-140			

Delta Environmental Consultants - San Jose  
175 Bernal Rd, Suite 200  
San Jose CA, 95119

Project: Shell 8999 San Ramon, Dublin  
Project Number: 97565995 SAP# 135244  
Project Manager: Lee Dooly

S608019  
Reported:  
08/14/06 17:17

### Notes and Definitions

R-02	The elevated Reporting Limits are due to limited sample volume.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
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

Test America STL Other \_\_\_\_\_

Classification (if necessary):

TA - Irvine, California

TA - Morgan Hill, California

- Nashville, Tennessee

Other (location) \_\_\_\_\_

**SHELL Chain Of Custody Record**7/31/06  
SAC

## Shell Project Manager to be invoiced:

- ENVIRONMENTAL SERVICES  
 TECHNICAL SERVICES  
 CRMT HOUSTON

Denis Brown

 NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE

INCIDENT NUMBER (ES ONLY)						
9	7	5	6	5	9	9
SAP or CRMT NUMBER (TS/CRMT)						

DATE: 7/31/06

PAGE: 1 of 1

SAMPLING COMPANY: <b>Delta Environmental Consultants, Inc.</b>		LOG CODE:	SITE ADDRESS: Street and City <b>8999 San Ramon, Dublin</b>		State <b>CA</b>	GLOBAL ID NO.: <b>T0600159797</b>			
ADDRESS: <b>175 Bernal Road, Suite 200, San Jose, CA 95119</b>		EDF DELIVERABLE TO (Responsible Party or Designee): <b>Lena Martinez</b>		PHONE NO.: <b>408-826-1861</b>	E-MAIL: <b>lmartinez@deltaenv.com</b>	CONSULTANT PROJECT NO.: <b>SJ89-99S-1</b>			
PROJECT CONTACT (Handcopy or PDF Report to): <b>Lee Dooley</b>		SAMPLER NAME(S) (Print): <b>Lee Dooley / Will Fox</b>		LAB USE ONLY					
TELEPHONE: <b>408-826-1880</b>	FAX: <b>408-225-8506</b>	EMAIL: <b>ldooley@deltaenv.com</b>							
TURNAROUND TIME (STANDARD IS 10 CALENDAR DAYS): <input checked="" type="checkbox"/> 5 DAY <input type="checkbox"/> 3 DAY <input type="checkbox"/> 2 DAY <input type="checkbox"/> 24 HOURS		<input type="checkbox"/> RESULTS NEEDED ON WEEKEND		REQUESTED ANALYSIS					
<input type="checkbox"/> LA - RWQCB REPORT FORMAT <input type="checkbox"/> UST AGENCY: _____									
GC/MS MTBE CONFIRMATION: HIGHEST <input type="checkbox"/> HIGHEST per BORING <input type="checkbox"/> ALL									
SPECIAL INSTRUCTIONS OR NOTES: <i>Hold time will be up in a little more than 1 week!</i>		CHECK BOX IF EDD IS NOT NEEDED <input type="checkbox"/>							
RECEIPT VERIFICATION REQUESTED <input checked="" type="checkbox"/>									
LAB USE ONLY	Field Sample Identification		SAMPLING	MATRIX	NO. OF CONT.	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes			
	DATE	TIME							
	CPT-4 54-58	7/26/06 11:05	W	2	X	X	X X	X	TEMPERATURE ON RECEIPT C°
	CPT-4 45-49	7/26/06 10:45	W	2	X	X	X X	X	3 VOC's; 1 amber l, te-
	CPT-4 64-69	7/26/06 11:45	W	2	X	X	X X	X	" "
	CPT-3 44-45-50	7/27/06 9:05	W	2	X	X	X X	X	-04
	CPT-3 59-63	7/27/06 11:00	W	1	X	X	X X	X	3 VOC's; 1 AMBER LITER
	CPT-3 67-72	7/27/06 12:20	W	2	X	X	X X	X	-05
								X	ONLY 1 VOC
								-06	3 VOC's; 1 AMBER LITER
									20% FULL
									2.7 °C

Relinquished by: (Signature)

*An SVP*

Received by: (Signature)

*David W. Miller*

Date: 7-31-06

Time: 1210

Relinquished by: (Signature)

Received by: (Signature)

*John J. Morrissey*

Date: 8-1-06

Time: 1015

Relinquished by: (Signature)

Received by: (Signature)

*John J. Morrissey*

Date:

Time:

July 31/06 1515 (M.H.)

15 August, 2006

Lee Dooly  
Delta Environmental Consultants - San Jose  
175 Bernal Rd, Suite 200  
San Jose, CA 95119

RE: Shell 8999 San Ramon, Dublin  
Work Order: S608022

Enclosed are the results of analyses for samples received by the laboratory on 08/01/06 10:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Sylvia Krenn  
Project Manager

CA ELAP Certificate # 2630

Delta Environmental Consultants - San Jose  
175 Bernal Rd, Suite 200  
San Jose CA, 95119

Project: Shell 8999 San Ramon, Dublin  
Project Number: 97565995  
Project Manager: Lee Dooly

S608022  
Reported:  
08/15/06 14:17

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-10 @5'	S608022-01	Soil	07/25/06 13:55	08/01/06 10:15
MW-10 @10'	S608022-02	Soil	07/26/06 09:35	08/01/06 10:15
MW-10 @15'	S608022-03	Soil	07/26/06 09:40	08/01/06 10:15
MW-10 @19.5'	S608022-04	Soil	07/26/06 09:50	08/01/06 10:15
MW-10 @25'	S608022-05	Soil	07/26/06 09:55	08/01/06 10:15
MW-10 @28'	S608022-06	Soil	07/26/06 10:00	08/01/06 10:15
MW-8 @15'	S608022-07	Soil	07/26/06 08:40	08/01/06 10:15
MW-8 @20'	S608022-08	Soil	07/26/06 08:45	08/01/06 10:15
MW-11 @5'	S608022-09	Soil	07/25/06 10:30	08/01/06 10:15

Delta Environmental Consultants - San Jose  
175 Bernal Rd, Suite 200  
San Jose CA, 95119

Project: Shell 8999 San Ramon, Dublin  
Project Number: 97565995  
Project Manager: Lee Dooly

S608022  
Reported:  
08/15/06 14:17

### Extractable Hydrocarbons by EPA 8015B

#### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>MW-10 @5' (S608022-01) Soil Sampled: 07/25/06 13:55 Received: 08/01/06 10:15</b>									
Diesel Range Organics (C10-C28)	ND	2.0	mg/kg	1	6080140	08/08/06	08/11/06	EPA 8015B-SVOA	
<i>Surrogate: Octacosane</i>		106 %	47-132	"	"	"	"	"	
<b>MW-10 @10' (S608022-02) Soil Sampled: 07/26/06 09:35 Received: 08/01/06 10:15</b>									
Diesel Range Organics (C10-C28)	ND	2.0	mg/kg	1	6080140	08/08/06	08/11/06	EPA 8015B-SVOA	
<i>Surrogate: Octacosane</i>		101 %	47-132	"	"	"	"	"	
<b>MW-10 @15' (S608022-03) Soil Sampled: 07/26/06 09:40 Received: 08/01/06 10:15</b>									
Diesel Range Organics (C10-C28)	ND	2.0	mg/kg	1	6080140	08/08/06	08/11/06	EPA 8015B-SVOA	
<i>Surrogate: Octacosane</i>		98 %	47-132	"	"	"	"	"	
<b>MW-10 @19.5' (S608022-04) Soil Sampled: 07/26/06 09:50 Received: 08/01/06 10:15</b>									
Diesel Range Organics (C10-C28)	ND	2.0	mg/kg	1	6080140	08/08/06	08/11/06	EPA 8015B-SVOA	
<i>Surrogate: Octacosane</i>		101 %	47-132	"	"	"	"	"	
<b>MW-10 @25' (S608022-05) Soil Sampled: 07/26/06 09:55 Received: 08/01/06 10:15</b>									
Diesel Range Organics (C10-C28)	ND	2.0	mg/kg	1	6080140	08/08/06	08/11/06	EPA 8015B-SVOA	
<i>Surrogate: Octacosane</i>		99 %	47-132	"	"	"	"	"	
<b>MW-10 @28' (S608022-06) Soil Sampled: 07/26/06 10:00 Received: 08/01/06 10:15</b>									
Diesel Range Organics (C10-C28)	ND	2.0	mg/kg	1	6080140	08/08/06	08/11/06	EPA 8015B-SVOA	
<i>Surrogate: Octacosane</i>		105 %	47-132	"	"	"	"	"	
<b>MW-8 @15' (S608022-07) Soil Sampled: 07/26/06 08:40 Received: 08/01/06 10:15</b>									
Diesel Range Organics (C10-C28)	ND	2.0	mg/kg	1	6080140	08/08/06	08/11/06	EPA 8015B-SVOA	
<i>Surrogate: Octacosane</i>		112 %	47-132	"	"	"	"	"	

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Project: Shell 8999 San Ramon, Dublin  
Project Number: 97565995  
Project Manager: Lee Dooly

S608022  
Reported:  
08/15/06 14:17

### Extractable Hydrocarbons by EPA 8015B

#### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**MW-8 @20' (S608022-08) Soil Sampled: 07/26/06 08:45 Received: 08/01/06 10:15**

Diesel Range Organics (C10-C28)	ND	2.0	mg/kg	1	6080140	08/08/06	08/11/06	EPA 8015B-SVOA
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*Surrogate: Octacosane*      94 %      47-132      "      "      "      "

**MW-11 @5' (S608022-09) Soil Sampled: 07/25/06 10:30 Received: 08/01/06 10:15**

Diesel Range Organics (C10-C28)	ND	2.0	mg/kg	1	6080140	08/08/06	08/11/06	EPA 8015B-SVOA
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*Surrogate: Octacosane*      107 %      47-132      "      "      "      "

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### Gasoline\BTEX\Oxygenates by EPA method 8260B

#### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**MW-10 @5' (S608022-01) Soil Sampled: 07/25/06 13:55 Received: 08/01/06 10:15**

Tert-butyl alcohol	ND	0.050	mg/kg	1	6080105	08/04/06	08/04/06	EPA 8260B	
<b>Methyl tert-butyl ether</b>	<b>0.017</b>	0.0050	"	"	"	"	"	"	
Benzene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		103 %	60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		106 %	60-140		"	"	"	"	
<i>Surrogate: 4-BFB</i>		97 %	60-140		"	"	"	"	

**MW-10 @10' (S608022-02) Soil Sampled: 07/26/06 09:35 Received: 08/01/06 10:15**

Tert-butyl alcohol	ND	0.050	mg/kg	1	6080105	08/04/06	08/04/06	EPA 8260B	
<b>Methyl tert-butyl ether</b>	<b>0.24</b>	0.0050	"	"	"	"	"	"	E
Benzene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		103 %	60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		106 %	60-140		"	"	"	"	
<i>Surrogate: 4-BFB</i>		96 %	60-140		"	"	"	"	

**MW-10 @10' (S608022-02RE1) Soil Sampled: 07/26/06 09:35 Received: 08/01/06 10:15**

<b>Methyl tert-butyl ether</b>	<b>0.16</b>	0.025	mg/kg	5	6080111	08/06/06	08/06/06	EPA 8260B	
<i>Surrogate: 1,2-DCA-d4</i>		103 %	60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		107 %	60-140		"	"	"	"	
<i>Surrogate: 4-BFB</i>		95 %	60-140		"	"	"	"	

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### Gasoline\BTEX\Oxygenates by EPA method 8260B

#### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**MW-10 @15' (S608022-03) Soil Sampled: 07/26/06 09:40 Received: 08/01/06 10:15**

Tert-butyl alcohol	ND	0.050	mg/kg	1	6080105	08/04/06	08/04/06	EPA 8260B	
<b>Methyl tert-butyl ether</b>	<b>0.044</b>	0.0050	"	"	"	"	"	"	
Benzene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		104 %	60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		105 %	60-140		"	"	"	"	
<i>Surrogate: 4-BFB</i>		98 %	60-140		"	"	"	"	

**MW-10 @19.5' (S608022-04) Soil Sampled: 07/26/06 09:50 Received: 08/01/06 10:15**

Tert-butyl alcohol	ND	0.050	mg/kg	1	6080105	08/04/06	08/04/06	EPA 8260B	
Methyl tert-butyl ether	ND	0.0050	"	"	"	"	"	"	
Benzene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		104 %	60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		107 %	60-140		"	"	"	"	
<i>Surrogate: 4-BFB</i>		95 %	60-140		"	"	"	"	

**MW-10 @25' (S608022-05) Soil Sampled: 07/26/06 09:55 Received: 08/01/06 10:15**

<b>Tert-butyl alcohol</b>	<b>0.20</b>	0.050	mg/kg	1	6080105	08/04/06	08/04/06	EPA 8260B	
Methyl tert-butyl ether	ND	0.0050	"	"	"	"	"	"	
Benzene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		79 %	60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		106 %	60-140		"	"	"	"	
<i>Surrogate: 4-BFB</i>		97 %	60-140		"	"	"	"	

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### Gasoline\BTEX\Oxygenates by EPA method 8260B

#### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**MW-10 @28' (S608022-06) Soil Sampled: 07/26/06 10:00 Received: 08/01/06 10:15**

Tert-butyl alcohol	<b>0.096</b>	0.050	mg/kg	1	6080105	08/04/06	08/04/06	EPA 8260B	
Methyl tert-butyl ether	ND	0.0050	"	"	"	"	"	"	"
Benzene	ND	0.0050	"	"	"	"	"	"	"
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	"
Toluene	ND	0.0050	"	"	"	"	"	"	"
Xylenes (total)	ND	0.010	"	"	"	"	"	"	"
Gasoline Range Organics (C4-C12)	ND	1.0	"	"	"	"	"	"	"
<i>Surrogate: 1,2-DCA-d4</i>		104 %	60-140		"	"	"	"	"
<i>Surrogate: Toluene-d8</i>		105 %	60-140		"	"	"	"	"
<i>Surrogate: 4-BFB</i>		96 %	60-140		"	"	"	"	"

**MW-8 @15' (S608022-07) Soil Sampled: 07/26/06 08:40 Received: 08/01/06 10:15**

Tert-butyl alcohol	ND	0.050	mg/kg	1	6080105	08/04/06	08/04/06	EPA 8260B	
Methyl tert-butyl ether	ND	0.0050	"	"	"	"	"	"	"
Benzene	ND	0.0050	"	"	"	"	"	"	"
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	"
Toluene	ND	0.0050	"	"	"	"	"	"	"
Xylenes (total)	ND	0.010	"	"	"	"	"	"	"
Gasoline Range Organics (C4-C12)	ND	1.0	"	"	"	"	"	"	"
<i>Surrogate: 1,2-DCA-d4</i>		105 %	60-140		"	"	"	"	"
<i>Surrogate: Toluene-d8</i>		106 %	60-140		"	"	"	"	"
<i>Surrogate: 4-BFB</i>		95 %	60-140		"	"	"	"	"

**MW-8 @20' (S608022-08) Soil Sampled: 07/26/06 08:45 Received: 08/01/06 10:15**

Tert-butyl alcohol	ND	0.050	mg/kg	1	6080105	08/04/06	08/04/06	EPA 8260B	
Methyl tert-butyl ether	ND	0.0050	"	"	"	"	"	"	"
Benzene	ND	0.0050	"	"	"	"	"	"	"
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	"
Toluene	ND	0.0050	"	"	"	"	"	"	"
Xylenes (total)	ND	0.010	"	"	"	"	"	"	"
Gasoline Range Organics (C4-C12)	ND	1.0	"	"	"	"	"	"	"
<i>Surrogate: 1,2-DCA-d4</i>		104 %	60-140		"	"	"	"	"
<i>Surrogate: Toluene-d8</i>		102 %	60-140		"	"	"	"	"
<i>Surrogate: 4-BFB</i>		96 %	60-140		"	"	"	"	"

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**Gasoline\BTEX\Oxygenates by EPA method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>MW-11 @5' (S608022-09) Soil   Sampled: 07/25/06 10:30   Received: 08/01/06 10:15</b>									
Tert-butyl alcohol	ND	0.050	mg/kg	1	6080105	08/04/06	08/04/06	EPA 8260B	
Methyl tert-butyl ether	ND	0.0050	"	"	"	"	"	"	
Benzene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		106 %	60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		106 %	60-140		"	"	"	"	
<i>Surrogate: 4-BFB</i>		95 %	60-140		"	"	"	"	

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08/15/06 14:17

### Extractable Hydrocarbons by EPA 8015B - Quality Control

TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6080140 - EPA 3550B / EPA 8015B-SVOA

<b>Blank (6080140-BLK1)</b>					Prepared: 08/08/06	Analyzed: 08/09/06			
Diesel Range Organics (C10-C28)	ND	2.0	mg/kg						
<i>Surrogate: Octacosane</i>	0.724	"		0.667	109	47-132			
<b>Laboratory Control Sample (6080140-BS1)</b>					Prepared: 08/08/06	Analyzed: 08/09/06			
Diesel Range Organics (C10-C28)	16.8	2.0	mg/kg	16.7	101	71-116			
<i>Surrogate: Octacosane</i>	0.699	"		0.667	105	47-132			
<b>Matrix Spike (6080140-MS1)</b>	<b>Source: S608107-02</b>				Prepared: 08/08/06	Analyzed: 08/09/06			
Diesel Range Organics (C10-C28)	18.2	2.0	mg/kg	16.7	0.722	105			
<i>Surrogate: Octacosane</i>	0.772	"		0.667	116	47-132			
<b>Matrix Spike Dup (6080140-MSD1)</b>	<b>Source: S608107-02</b>				Prepared: 08/08/06	Analyzed: 08/09/06			
Diesel Range Organics (C10-C28)	17.5	2.0	mg/kg	16.7	0.722	100	71-116	4	28
<i>Surrogate: Octacosane</i>	0.706	"		0.667	106	47-132			

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### Gasoline|BTEX|Oxygenates by EPA method 8260B - Quality Control

#### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Notes
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#### Batch 6080105 - EPA 5030B [P/T] / EPA 8260B

<b>Blank (6080105-BLK1)</b>		Prepared & Analyzed: 08/04/06				
Ethanol	ND	10	mg/kg			
Tert-butyl alcohol	ND	2.5	"			
Methyl tert-butyl ether	ND	0.25	"			
Di-isopropyl ether	ND	0.50	"			
Ethyl tert-butyl ether	ND	0.25	"			
Tert-amyl methyl ether	ND	0.25	"			
1,2-Dichloroethane	ND	0.25	"			
1,2-Dibromoethane (EDB)	ND	0.25	"			
Benzene	ND	0.25	"			
Ethylbenzene	ND	0.25	"			
Toluene	ND	0.25	"			
Xylenes (total)	ND	0.50	"			
Gasoline Range Organics (C4-C12)	ND	50	"			
<i>Surrogate: 1,2-DCA-d4</i>	0.0104	"	0.0100	104	60-140	
<i>Surrogate: Toluene-d8</i>	0.0121	"	0.0100	121	60-140	
<i>Surrogate: 4-BFB</i>	0.00925	"	0.0100	92	60-140	

<b>Blank (6080105-BLK2)</b>		Prepared & Analyzed: 08/06/06				
Ethanol	ND	10	mg/kg			
Tert-butyl alcohol	ND	2.5	"			
Methyl tert-butyl ether	ND	0.25	"			
Di-isopropyl ether	ND	0.50	"			
Ethyl tert-butyl ether	ND	0.25	"			
Tert-amyl methyl ether	ND	0.25	"			
1,2-Dichloroethane	ND	0.25	"			
1,2-Dibromoethane (EDB)	ND	0.25	"			
Benzene	ND	0.25	"			
Ethylbenzene	ND	0.25	"			
Toluene	ND	0.25	"			
Xylenes (total)	ND	0.50	"			
Gasoline Range Organics (C4-C12)	ND	50	"			
<i>Surrogate: 1,2-DCA-d4</i>	0.00990	"	0.0100	99	60-140	
<i>Surrogate: Toluene-d8</i>	0.0129	"	0.0100	129	60-140	
<i>Surrogate: 4-BFB</i>	0.00893	"	0.0100	89	60-140	

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

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### Gasoline|BTEX|Oxygenates by EPA method 8260B - Quality Control

#### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6080105 - EPA 5030B [P/T] / EPA 8260B

<b>Laboratory Control Sample (6080105-BS1)</b>				Prepared & Analyzed: 08/04/06					
Methyl tert-butyl ether	0.0402	0.0050	mg/kg	0.0500	80	60-140			
Benzene	0.0503	0.0050	"	0.0500	101	70-130			
Toluene	0.0474	0.0050	"	0.0500	95	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	<i>0.00974</i>		"	<i>0.0100</i>	<i>97</i>	<i>60-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0101</i>		"	<i>0.0100</i>	<i>101</i>	<i>60-140</i>			
<i>Surrogate: 4-BFB</i>	<i>0.00976</i>		"	<i>0.0100</i>	<i>98</i>	<i>60-140</i>			
<b>Laboratory Control Sample (6080105-BS2)</b>				Prepared & Analyzed: 08/04/06					
Toluene	0.149	0.0050	mg/kg	0.188	79	70-130			
Gasoline Range Organics (C4-C12)	1.96	1.0	"	2.20	89	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	<i>0.0100</i>		"	<i>0.0100</i>	<i>100</i>	<i>60-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0107</i>		"	<i>0.0100</i>	<i>107</i>	<i>60-140</i>			
<i>Surrogate: 4-BFB</i>	<i>0.0102</i>		"	<i>0.0100</i>	<i>102</i>	<i>60-140</i>			
<b>Laboratory Control Sample Dup (6080105-BSD1)</b>				Prepared & Analyzed: 08/06/06					
Methyl tert-butyl ether	0.0381	0.0050	mg/kg	0.0500	76	60-140	5	25	
Benzene	0.0478	0.0050	"	0.0500	96	70-130	5	25	
Toluene	0.0493	0.0050	"	0.0500	99	70-130	4	25	
<i>Surrogate: 1,2-DCA-d4</i>	<i>0.00994</i>		"	<i>0.0100</i>	<i>99</i>	<i>60-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0104</i>		"	<i>0.0100</i>	<i>104</i>	<i>60-140</i>			
<i>Surrogate: 4-BFB</i>	<i>0.0101</i>		"	<i>0.0100</i>	<i>101</i>	<i>60-140</i>			
<b>Laboratory Control Sample Dup (6080105-BSD2)</b>				Prepared & Analyzed: 08/06/06					
Toluene	0.168	0.0050	mg/kg	0.188	89	70-130	12	25	
Gasoline Range Organics (C4-C12)	2.43	1.0	"	2.20	110	70-130	21	25	
<i>Surrogate: 1,2-DCA-d4</i>	<i>0.0105</i>		"	<i>0.0100</i>	<i>105</i>	<i>60-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0106</i>		"	<i>0.0100</i>	<i>106</i>	<i>60-140</i>			
<i>Surrogate: 4-BFB</i>	<i>0.0101</i>		"	<i>0.0100</i>	<i>101</i>	<i>60-140</i>			

TestAmerica - Sacramento, CA

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Delta Environmental Consultants - San Jose  
175 Bernal Rd, Suite 200  
San Jose CA, 95119

Project: Shell 8999 San Ramon, Dublin  
Project Number: 97565995  
Project Manager: Lee Dooly

S608022  
Reported:  
08/15/06 14:17

### Gasoline|BTEX|Oxygenates by EPA method 8260B - Quality Control

#### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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#### Batch 6080105 - EPA 5030B [P/T] / EPA 8260B

Matrix Spike (6080105-MS1)	Source: S608012-33	Prepared & Analyzed: 08/06/06							
Methyl tert-butyl ether	0.0359	0.0050	mg/kg	0.0520	ND	69	60-140		
Benzene	0.0230	0.0050	"	0.0388	ND	59	60-140		QM02
Toluene	0.163	0.0050	"	0.188	ND	87	60-140		
Gasoline Range Organics (C4-C12)	2.35	1.0	"	2.20	ND	107	60-140		
<i>Surrogate: 1,2-DCA-d4</i>	0.0102		"	0.0100		102	60-140		
<i>Surrogate: Toluene-d8</i>	0.0111		"	0.0100		111	60-140		
<i>Surrogate: 4-BFB</i>	0.0102		"	0.0100		102	60-140		
Matrix Spike Dup (6080105-MSD1)	Source: S608012-33	Prepared & Analyzed: 08/06/06							
Methyl tert-butyl ether	0.0254	0.0050	mg/kg	0.0520	ND	49	60-140	34	25
Benzene	0.0215	0.0050	"	0.0388	ND	55	60-140	7	25
Toluene	0.156	0.0050	"	0.188	ND	83	60-140	4	25
Gasoline Range Organics (C4-C12)	2.24	1.0	"	2.20	ND	102	60-140	5	25
<i>Surrogate: 1,2-DCA-d4</i>	0.0104		"	0.0100		104	60-140		
<i>Surrogate: Toluene-d8</i>	0.0111		"	0.0100		111	60-140		
<i>Surrogate: 4-BFB</i>	0.0103		"	0.0100		103	60-140		

#### Batch 6080111 - EPA 5030B [P/T] / EPA 8260B

Blank (6080111-BLK1)	Prepared & Analyzed: 08/06/06				
Ethanol	ND	10	mg/kg		
Tert-butyl alcohol	ND	2.5	"		
Methyl tert-butyl ether	ND	0.25	"		
Di-isopropyl ether	ND	0.50	"		
Ethyl tert-butyl ether	ND	0.25	"		
Tert-amyl methyl ether	ND	0.25	"		
1,2-Dichloroethane	ND	0.25	"		
1,2-Dibromoethane (EDB)	ND	0.25	"		
Benzene	ND	0.25	"		
Ethylbenzene	ND	0.25	"		
Toluene	ND	0.25	"		
Xylenes (total)	ND	0.50	"		
Gasoline Range Organics (C4-C12)	ND	50	"		
<i>Surrogate: 1,2-DCA-d4</i>	0.00990		"	0.0100	99 60-140
<i>Surrogate: Toluene-d8</i>	0.0129		"	0.0100	129 60-140
<i>Surrogate: 4-BFB</i>	0.00893		"	0.0100	89 60-140

TestAmerica - Sacramento, CA

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Delta Environmental Consultants - San Jose  
 175 Bernal Rd, Suite 200  
 San Jose CA, 95119

Project: Shell 8999 San Ramon, Dublin  
 Project Number: 97565995  
 Project Manager: Lee Dooly

S608022  
**Reported:**  
 08/15/06 14:17

### Gasoline|BTEX|Oxygenates by EPA method 8260B - Quality Control

#### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Notes
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#### Batch 6080111 - EPA 5030B [P/T] / EPA 8260B

<b>Blank (6080111-BLK2)</b>					Prepared: 08/07/06	Analyzed: 08/08/06
Ethanol	ND	0.20	mg/kg			
Tert-butyl alcohol	ND	0.050	"			
Methyl tert-butyl ether	ND	0.0050	"			
Di-isopropyl ether	ND	0.010	"			
Ethyl tert-butyl ether	ND	0.0050	"			
Tert-amyl methyl ether	ND	0.0050	"			
1,2-Dichloroethane	ND	0.0050	"			
1,2-Dibromoethane (EDB)	ND	0.0050	"			
Benzene	ND	0.0050	"			
Ethylbenzene	ND	0.0050	"			
Toluene	ND	0.0050	"			
Xylenes (total)	ND	0.010	"			
Gasoline Range Organics (C4-C12)	ND	1.0	"			
<i>Surrogate: 1,2-DCA-d4</i>	0.00957		"	0.0100	96	60-140
<i>Surrogate: Toluene-d8</i>	0.0106		"	0.0100	106	60-140
<i>Surrogate: 4-BFB</i>	0.00981		"	0.0100	98	60-140

<b>Blank (6080111-BLK3)</b>					Prepared & Analyzed: 08/08/06	
Ethanol	ND	0.20	mg/kg			
Tert-butyl alcohol	ND	0.050	"			
Methyl tert-butyl ether	ND	0.0050	"			
Di-isopropyl ether	ND	0.010	"			
Ethyl tert-butyl ether	ND	0.0050	"			
Tert-amyl methyl ether	ND	0.0050	"			
1,2-Dichloroethane	ND	0.0050	"			
1,2-Dibromoethane (EDB)	ND	0.0050	"			
Benzene	ND	0.0050	"			
Ethylbenzene	ND	0.0050	"			
Toluene	ND	0.0050	"			
Xylenes (total)	ND	0.010	"			
Gasoline Range Organics (C4-C12)	ND	1.0	"			
<i>Surrogate: 1,2-DCA-d4</i>	0.0101		"	0.0100	101	60-140
<i>Surrogate: Toluene-d8</i>	0.0108		"	0.0100	108	60-140
<i>Surrogate: 4-BFB</i>	0.00964		"	0.0100	96	60-140

TestAmerica - Sacramento, CA

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Delta Environmental Consultants - San Jose  
175 Bernal Rd, Suite 200  
San Jose CA, 95119

Project: Shell 8999 San Ramon, Dublin  
Project Number: 97565995  
Project Manager: Lee Dooly

S608022  
Reported:  
08/15/06 14:17

### Gasoline|BTEX|Oxygenates by EPA method 8260B - Quality Control

#### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6080111 - EPA 5030B [P/T] / EPA 8260B

<b>Laboratory Control Sample (6080111-BS1)</b>						Prepared & Analyzed: 08/06/06				
Methyl tert-butyl ether	0.0381	0.0050	mg/kg	0.0500		76	60-140			
Benzene	0.0478	0.0050	"	0.0500		96	70-130			
Toluene	0.0493	0.0050	"	0.0500		99	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	<i>0.00994</i>		"	<i>0.0100</i>		<i>99</i>	<i>60-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0104</i>		"	<i>0.0100</i>		<i>104</i>	<i>60-140</i>			
<i>Surrogate: 4-BFB</i>	<i>0.0101</i>		"	<i>0.0100</i>		<i>101</i>	<i>60-140</i>			
<b>Laboratory Control Sample (6080111-BS2)</b>						Prepared & Analyzed: 08/06/06				
Methyl tert-butyl ether	0.0371	0.0050	mg/kg	0.0520		71	60-140			
Toluene	0.168	0.0050	"	0.188		89	70-130			
Gasoline Range Organics (C4-C12)	2.43	1.0	"	2.20		110	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	<i>0.0105</i>		"	<i>0.0100</i>		<i>105</i>	<i>60-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0106</i>		"	<i>0.0100</i>		<i>106</i>	<i>60-140</i>			
<i>Surrogate: 4-BFB</i>	<i>0.0101</i>		"	<i>0.0100</i>		<i>101</i>	<i>60-140</i>			
<b>Laboratory Control Sample (6080111-BS3)</b>						Prepared: 08/08/06 Analyzed: 08/09/06				
Methyl tert-butyl ether	0.0401	0.0050	mg/kg	0.0500		80	60-140			
Benzene	0.0489	0.0050	"	0.0500		98	70-130			
Toluene	0.0509	0.0050	"	0.0500		102	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	<i>0.0108</i>		"	<i>0.0100</i>		<i>108</i>	<i>60-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0105</i>		"	<i>0.0100</i>		<i>105</i>	<i>60-140</i>			
<i>Surrogate: 4-BFB</i>	<i>0.00985</i>		"	<i>0.0100</i>		<i>98</i>	<i>60-140</i>			
<b>Laboratory Control Sample (6080111-BS4)</b>						Prepared & Analyzed: 08/08/06				
Methyl tert-butyl ether	0.0374	0.0050	mg/kg	0.0520		72	60-140			
Toluene	0.179	0.0050	"	0.188		95	70-130			
Gasoline Range Organics (C4-C12)	2.51	1.0	"	2.20		114	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	<i>0.0105</i>		"	<i>0.0100</i>		<i>105</i>	<i>60-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0107</i>		"	<i>0.0100</i>		<i>107</i>	<i>60-140</i>			
<i>Surrogate: 4-BFB</i>	<i>0.00933</i>		"	<i>0.0100</i>		<i>93</i>	<i>60-140</i>			

TestAmerica - Sacramento, CA

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Delta Environmental Consultants - San Jose  
175 Bernal Rd, Suite 200  
San Jose CA, 95119

Project: Shell 8999 San Ramon, Dublin  
Project Number: 97565995  
Project Manager: Lee Dooly

S608022  
Reported:  
08/15/06 14:17

### Gasoline|BTEX|Oxygenates by EPA method 8260B - Quality Control

#### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6080111 - EPA 5030B [P/T] / EPA 8260B

<b>Laboratory Control Sample Dup (6080111-BSD1)</b>					Prepared & Analyzed: 08/07/06				
Methyl tert-butyl ether	0.0411	0.0050	mg/kg	0.0500	82	60-140	8	25	
Benzene	0.0477	0.0050	"	0.0500	95	70-130	0.2	25	
Toluene	0.0514	0.0050	"	0.0500	103	70-130	4	25	
<i>Surrogate: 1,2-DCA-d4</i>	<i>0.0102</i>		"	<i>0.0100</i>	<i>102</i>	<i>60-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0103</i>		"	<i>0.0100</i>	<i>103</i>	<i>60-140</i>			
<i>Surrogate: 4-BFB</i>	<i>0.0100</i>		"	<i>0.0100</i>	<i>100</i>	<i>60-140</i>			

<b>Laboratory Control Sample Dup (6080111-BSD2)</b>					Prepared & Analyzed: 08/07/06				
Methyl tert-butyl ether	0.0347	0.0050	mg/kg	0.0520	67	60-140	7	25	
Toluene	0.176	0.0050	"	0.188	94	70-130	5	25	
Gasoline Range Organics (C4-C12)	2.46	1.0	"	2.20	112	70-130	1	25	
<i>Surrogate: 1,2-DCA-d4</i>	<i>0.00987</i>		"	<i>0.0100</i>	<i>99</i>	<i>60-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0110</i>		"	<i>0.0100</i>	<i>110</i>	<i>60-140</i>			
<i>Surrogate: 4-BFB</i>	<i>0.00984</i>		"	<i>0.0100</i>	<i>98</i>	<i>60-140</i>			

<b>Matrix Spike (6080111-MS1)</b>	<b>Source: S608097-06</b>	Prepared: 08/06/06 Analyzed: 08/07/06							
Methyl tert-butyl ether	0.0384	0.0050	mg/kg	0.0500	ND	77	60-140		
Benzene	0.0349	0.0050	"	0.0500	ND	70	60-140		
Toluene	0.0356	0.0050	"	0.0500	ND	71	60-140		
<i>Surrogate: 1,2-DCA-d4</i>	<i>0.00986</i>		"	<i>0.0100</i>	<i>99</i>	<i>60-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0104</i>		"	<i>0.0100</i>	<i>104</i>	<i>60-140</i>			
<i>Surrogate: 4-BFB</i>	<i>0.00974</i>		"	<i>0.0100</i>	<i>97</i>	<i>60-140</i>			

<b>Matrix Spike Dup (6080111-MSD1)</b>	<b>Source: S608097-06</b>	Prepared: 08/06/06 Analyzed: 08/07/06							
Methyl tert-butyl ether	0.0299	0.0050	mg/kg	0.0500	ND	60	60-140	25	25
Benzene	0.0249	0.0050	"	0.0500	ND	50	60-140	33	25
Toluene	0.0257	0.0050	"	0.0500	ND	51	60-140	32	25
<i>Surrogate: 1,2-DCA-d4</i>	<i>0.0107</i>		"	<i>0.0100</i>	<i>107</i>	<i>60-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0104</i>		"	<i>0.0100</i>	<i>104</i>	<i>60-140</i>			
<i>Surrogate: 4-BFB</i>	<i>0.00961</i>		"	<i>0.0100</i>	<i>96</i>	<i>60-140</i>			

Delta Environmental Consultants - San Jose  
175 Bernal Rd, Suite 200  
San Jose CA, 95119

Project: Shell 8999 San Ramon, Dublin  
Project Number: 97565995  
Project Manager: Lee Dooly

S608022  
Reported:  
08/15/06 14:17

### Notes and Definitions

- QM02 The spike recovery was below control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- E The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
- CC02 The result was reported with a possible low bias due to the continuing calibration verification falling outside the acceptance criteria.
- 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

B: Test America STL Other \_\_\_\_\_

**L Identification (if necessary):**

TA - Irvine, California

 - Morgan Hill, California

TA Nashville, Tenn.

- TA - Nashville, Tennessee
- STL
- Other (location) \_\_\_\_\_

## **SHELL Chain Of Custody Record**

5008622

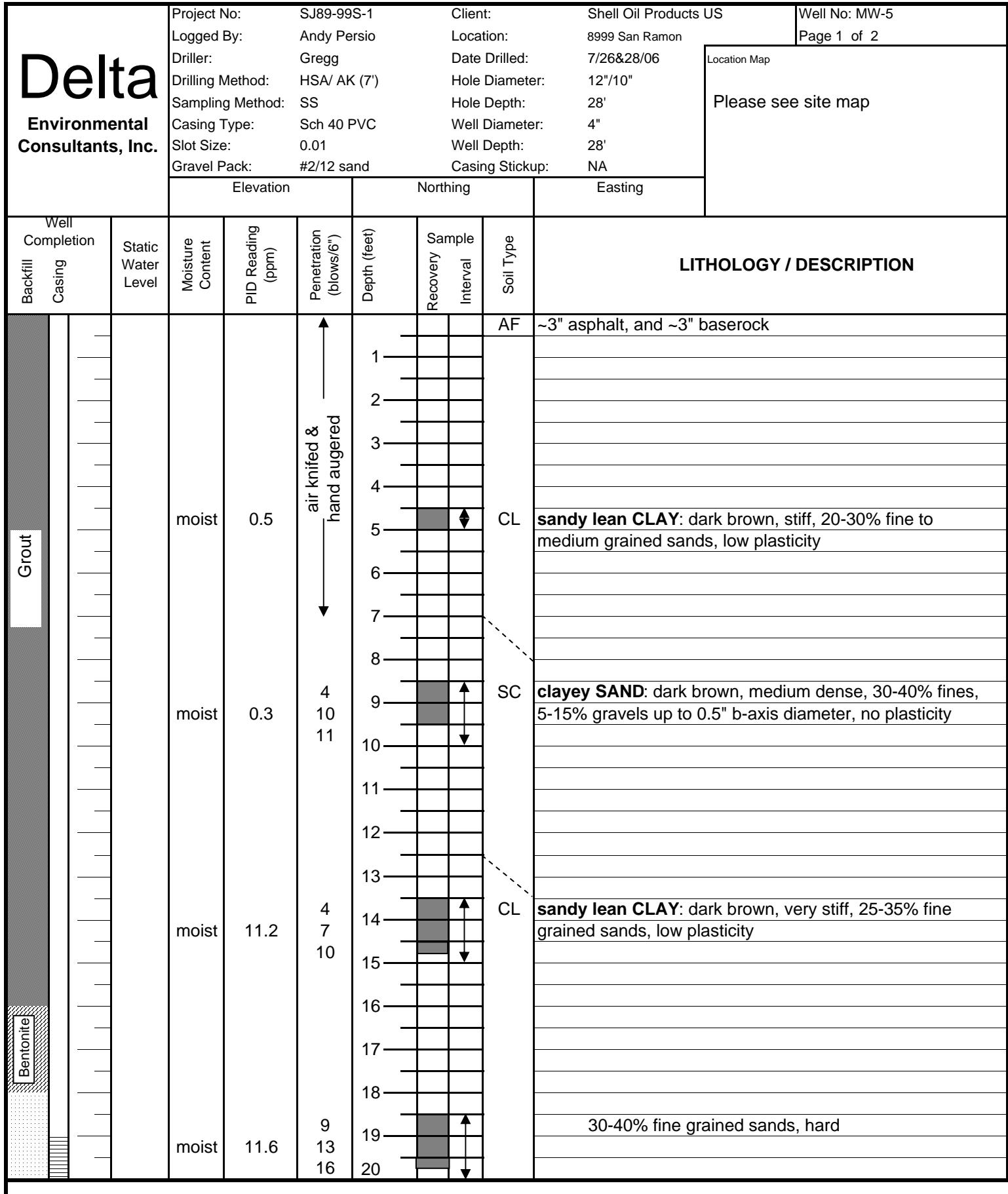
<input type="checkbox"/> TA - Irvine, California <input checked="" type="checkbox"/> TA - Morgan Hill, California <input type="checkbox"/> TA - Nashville, Tennessee <input type="checkbox"/> STL <input type="checkbox"/> Other (location) _____		Shell Project Manager to be invoiced:  Denis Brown				INCIDENT NUMBER (ES ONLY) 97565995		DATE: 7/31/06										
<input checked="" type="checkbox"/> ENVIRONMENTAL SERVICES <input type="checkbox"/> TECHNICAL SERVICES <input type="checkbox"/> CRMT HOUSTON		<input type="checkbox"/> NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE				SAP or CRMT NUMBER (TS/CRMT) [REDACTED]		PAGE: 1 of 1										
SAMPLING COMPANY: Delta Environmental Consultants, Inc.		LOG CODE:		SITE ADDRESS: Street and City 8999 Sun Ramon, Dublin		State CA		GLOBAL ID NO.: T0600159799										
ADDRESS: 175 Bernal Road, Suite 200, San Jose, CA 95119				EDF DELIVERABLE TO (Responsible Party or Designee): Lena Martinez Heather Buckingham		PHONE NO.: 1861 408-826-4888		E-MAIL: lmartinez@deltaenv.com hbuckingham@deltaenv.com										
PROJECT CONTACT (Hardcopy or PDF Report to): Lee Doolley				SAMPLER NAME(S) (Print): Andrew Persio				CONSULTANT PROJECT NO.: S00A-995-1										
TELEPHONE: 408-826-1880 FAX: 408-225-8506 E-MAIL: leedoolley@deltaenv.com								LAB USE ONLY										
TURNAROUND TIME (STANDARD IS 10 CALENDAR DAYS): <input type="checkbox"/> STD <input checked="" type="checkbox"/> 5 DAY <input type="checkbox"/> 3 DAY <input type="checkbox"/> 2 DAY <input type="checkbox"/> 24 HOURS				<input type="checkbox"/> RESULTS NEEDED ON WEEKEND														
LA - RWQCB REPORT FORMAT <input type="checkbox"/> UST AGENCY: _____																		
GC/MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____																		
SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED <input type="checkbox"/>  Samples will be out of hold time in 1 week!																		
RECEIPT VERIFICATION REQUESTED <input checked="" type="checkbox"/>																		
LAB USE ONLY:	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	REQUESTED ANALYSIS												
		DATE	TIME			TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2-DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)
	MW-10 @ 5'	7/25/06	11:55	soil	1	X	X	X	X	X						X		7-01
	MW-10 @ 10'	7/26/06	9:35			X	X	X	X							X		7-02
	MW-10 @ 15'		9:40			X	X	X	X							X		7-03
	MW-10 @ 19.5'		9:50			X	X	X	X							X		7-04
	MW-10 @ 25'		9:55			X	X	X	X							X		7-05
	MW-10 @ 28'		10:00			X	X	X	X							X		7-06
	MW-8 @ 15'		8:40			X	X	X	X							X		7-07
	MW-8 @ 20'	↓	8:45	↓		X	X	X	X							X		7-08
	MW-11 @ 5'	7/25/06	10:30	soil	↓	X	X	X	X							X		7-09 (2.7°)
REFINISHED BY: (Signature)  An SIR										RECEIVED BY: (Signature)  Paul Weller MTR						Date: 7-31-06	Time: 12:00	
RELINQUISHED BY: (Signature)										RECEIVED BY: (Signature)  John J. Persio						Date: 8-1-06	Time: 1015	
REFINISHED BY: (Signature)										RECEIVED BY: (Signature)  John J. Persio						Date:	Time:	

Flag Miller 1575 (4.4)

**Attachment D**

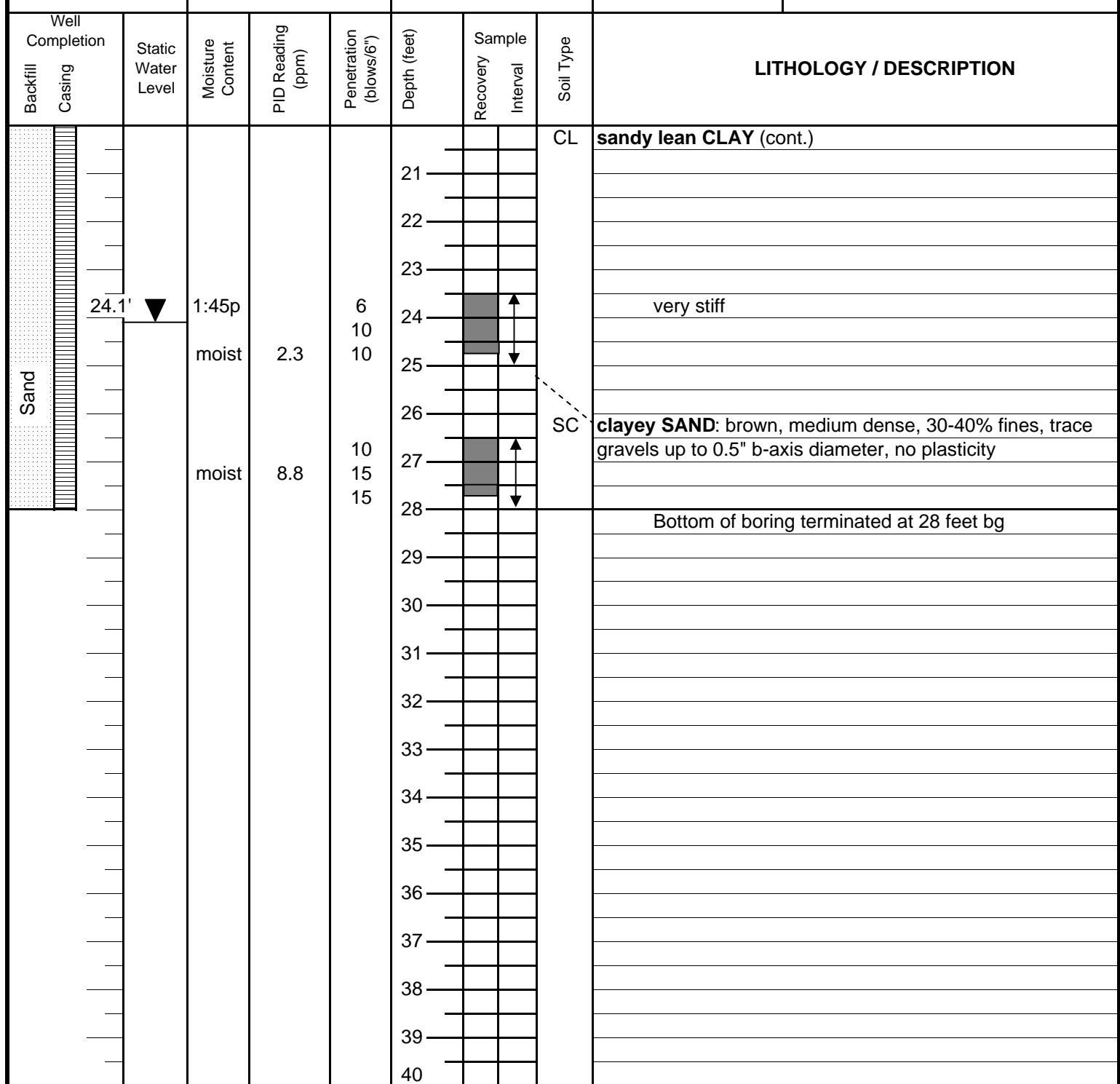
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**BORING LOGS WITH WELL CONSTRUCTION DETAILS**



**Delta**  
Environmental  
Consultants, Inc.

Project No:	SJ89-99S-1	Client:	Shell Oil Products US	Well No: MW-5
Logged By:	Andy Persio	Location:	8999 San Ramon	Page 2 of 2
Driller:	Gregg	Date Drilled:	7/26&28/06	Location Map
Drilling Method:	HSA/ AK (7')	Hole Diameter:	12"/10"	
Sampling Method:	SS	Hole Depth:	28'	Please see site map
Casing Type:	Sch 40 PVC	Well Diameter:	4"	
Slot Size:	0.01	Well Depth:	28'	
Gravel Pack:	#2/12 sand	Casing Stickup:	NA	



# Delta

**Environmental  
Consultants, Inc.**

Project No: SJ89-99-1  
 Logged By: Andy Persio  
 Driller: Gregg  
 Drilling Method: WK to 7'/HSA  
 Sampling Method: HA/SS  
 Casing Type: SCh 40 PVC  
 Slot Size: 0.01  
 Gravel Pack: 2/12/ sand

Client: Shell Oil Products US  
 Location: 8999 San Ramon, Dublin, CA  
 Date Drilled: 2/21/2006  
 Hole Diameter: 12" - 10"  
 Hole Depth: 7'30"  
 Well Diamete 4"  
 Well Depth: 30'  
 Casing Stickup: 0

Well No: MW-6  
 Page 1 of 2

Location Map

Please see site map

Backfill Well Completion Casing	Static Water Level	Elevation		Northing		Easting		<b>LITHOLOGY / DESCRIPTION</b>
		Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Recovery Interval	Soil Type	
Bentonite								
Grout								
		damp	32.5	air knifed & hand augered	1		AF	~6" asphalt and baserock
		damp	18.5		2		CL	<b>sandy lean CLAY:</b> dark grey, 40-50% fine to med. grained sands, med. plasticity
		damp	50.6		3			
		damp	86.1		4			dark brown, 35-45% fine to med. grained sands
		damp	11.8		5			
		damp	6.2		6			orangish brown, 40-50% fine to med. grained sands
					7			
					8			
					9		CL	<b>lean CLAY w/sand:</b> dark brown, 10-20% fine grained sands, trace gravels up to 1" dia., trace caliche, med. Plasticity
					10			
					11			
					12			
					13			
					14		CL	<b>lean CLAY:</b> dark brown, 5-15% fine grained sands, med. plasticity
					15			
					16			
					17			
					18			
					19		SC	<b>clayey SAND:</b> greenish brown to grey (discoloration), 40-50% fines, med. to fine grained sands, low plasticity
					20			



# **Environmental Consultants, Inc.**

Project No: SJ89-99-1  
Logged By: Andy Persio  
Driller: Gregg  
Drilling Method: WK to 7'/HSA  
Sampling Method: HA/SS  
Casing Type: SCh 40 PVC  
Slot Size: 0.01  
Gravel Pack: 2/12/ sand

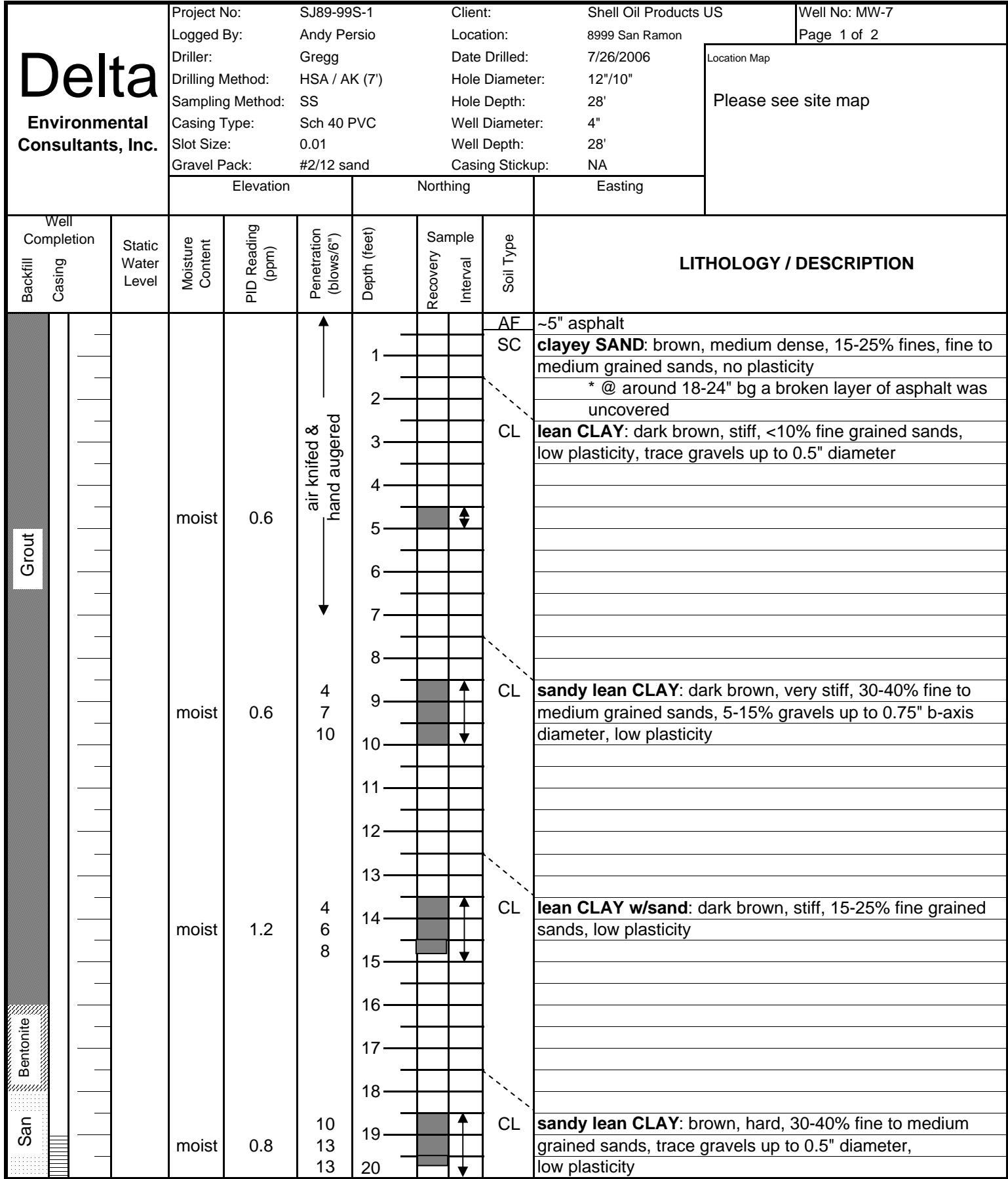
Client: Shell Oil Products US  
Location: 8999 San Ramon, Dublin, CA  
Date Drilled: 2/21/2006  
Hole Diameter: 12" - 10"  
Hole Depth: 7'30"  
Well Diamete 4"  
Well Depth: 30'  
Casing Stickup: 0

Well No: MW-6  
Page 2 of 2

## Location Map

Please see site map

Well Completion		Elevation			Northing			Easting	
Backfill	Casing	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Sand			damp	11.3		21 22 23 24 25 26 27 28 29 30	SC	clayey SAND (cont.)	
		24.6'					CL		lean CLAY w/sand: brown w/orange mottling, med. stiff, 15-25% fine grained sands, trace gravels up to 1/4" dia.
			moist	1.9			SC		clayey SAND w/gravel: greyish brown w/orange mottling, med. Dense, 30-40% fines, 5-15% gravels up to 1/2" dia., no plasticity
									Bottom of boring terminated at 30' bg
						31 32 33 34 35 36 37 38 39 40			



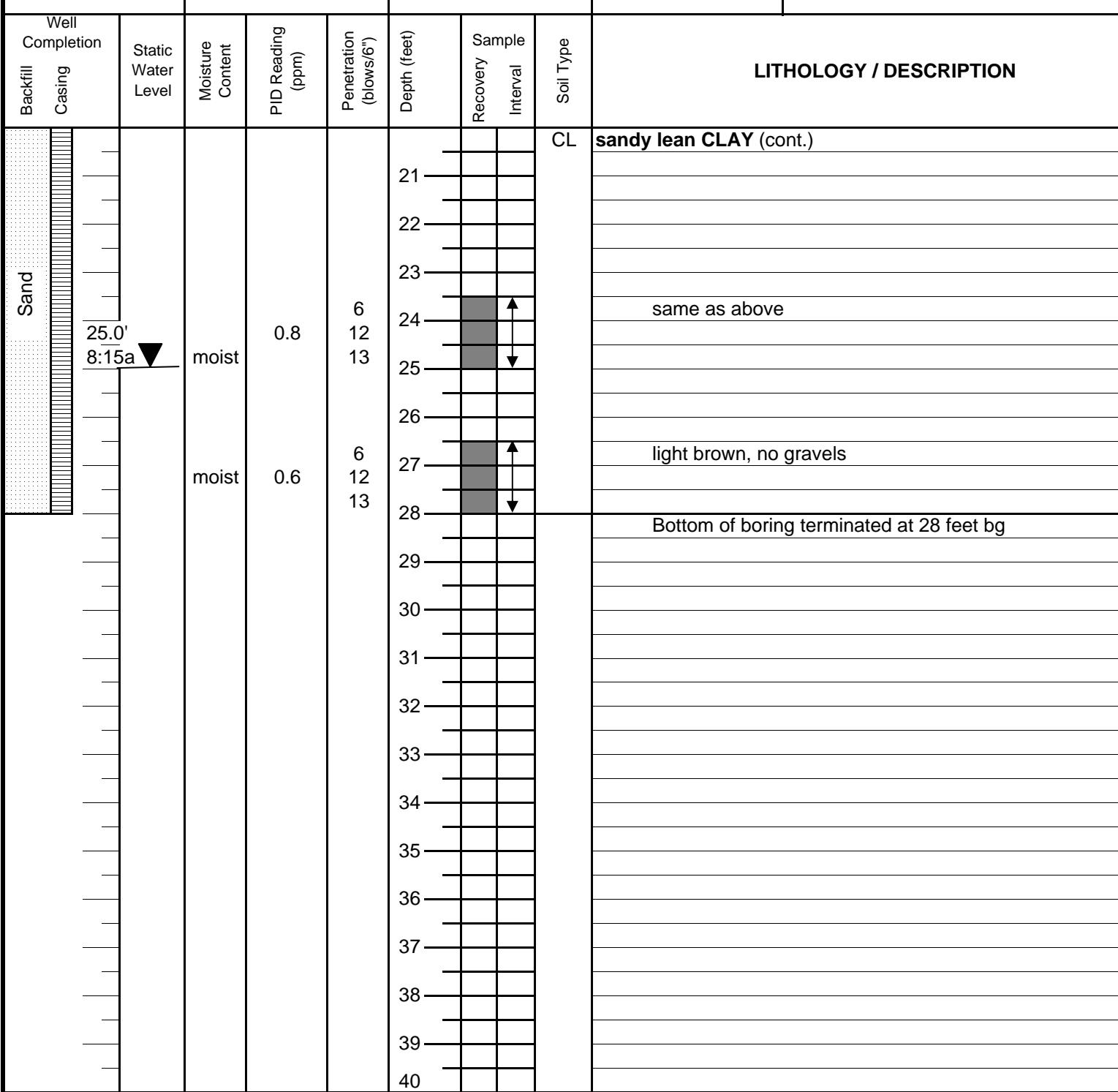
**Delta**  
Environmental  
Consultants, Inc.

Project No:	SJ89-99S-1	Client:	Shell Oil Products US	Well No: MW-7
Logged By:	Andy Persio	Location:	8999 San Ramon	Page 2 of 2
Driller:	Gregg	Date Drilled:	7/26/2006	
Drilling Method:	HSA / AK (7')	Hole Diameter:	12"/10"	
Sampling Method:	SS	Hole Depth:	28'	
Casing Type:	Sch 40 PVC	Well Diameter:	4"	
Slot Size:	0.01	Well Depth:	28'	
Gravel Pack:	#2/12 sand	Casing Stickup:	NA	

Elevation	Northing	Easting
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Location Map

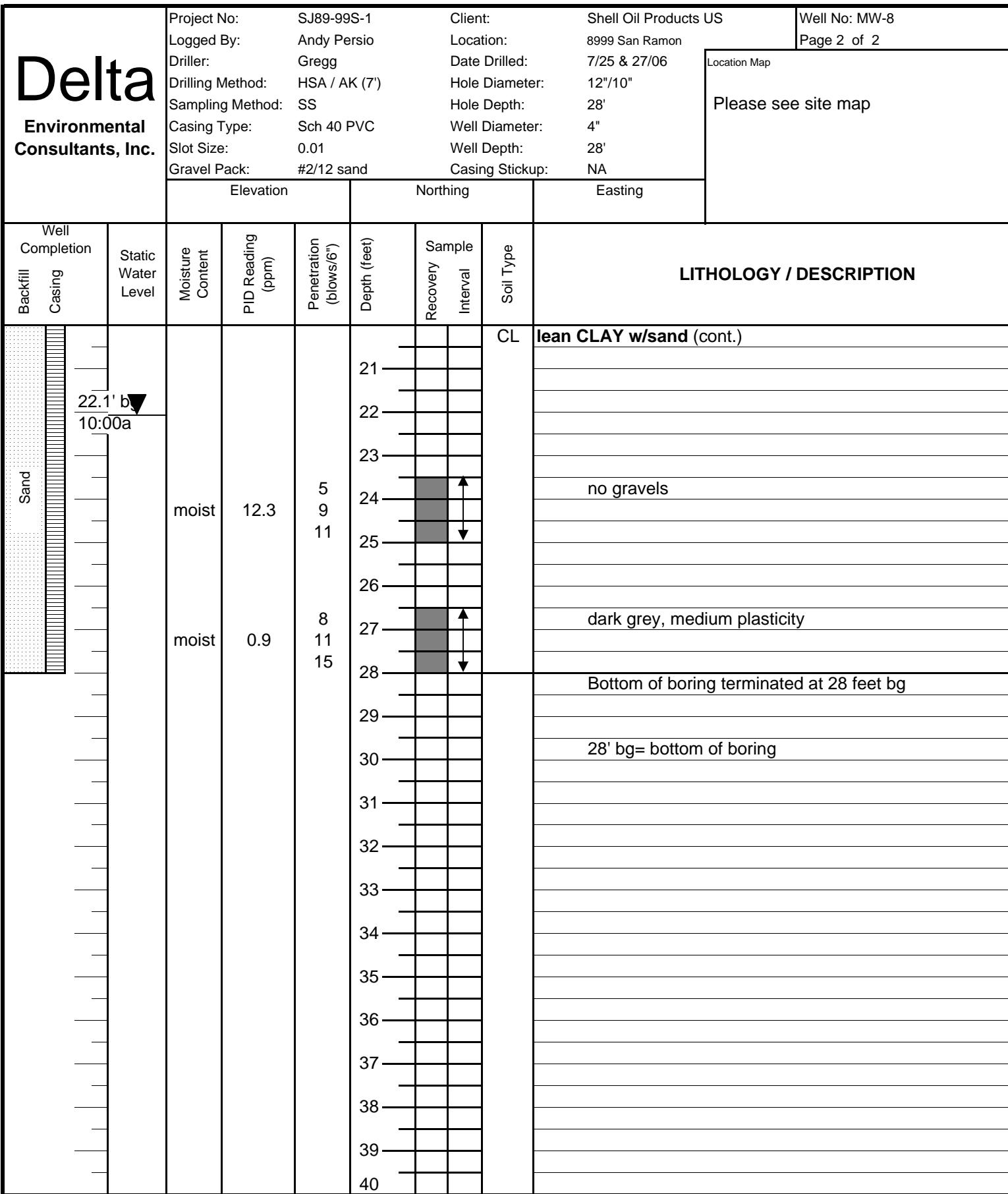
Please see site map



# Delta

**Environmental  
Consultants, Inc.**

		Project No: SJ89-99S-1		Client: Shell Oil Products US		Well No: MW-8		
		Logged By: Andy Persio		Location: 8999 San Ramon		Page 1 of 2		
Backfill	Well Completion	Driller: Gregg	Drilling Method: HSA / AK (7')	Date Drilled: 7/25 & 27/06	Hole Diameter: 12"/10"	Location Map		
Casing	Static Water Level	Sampling Method: SS	Casing Type: Sch 40 PVC	Hole Depth: 28'	Well Diameter: 4"	Please see site map		
		Slot Size: 0.01	Gravel Pack: #2/12 sand	Well Depth: 28'	Casing Stickup: NA			
Elevation			Northing		Easting			
Backfill	Casing	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
							AF	~4" asphalt
		moist	0.8	air knifed & hand augered	1			No samples or observations above 5' bg because I was with drillers setting another well
		moist	0.5		2			
		moist	65.2		3			
		moist	146		4			
		moist			5		CL	<b>sandy lean CLAY:</b> brown, medium stiff, 35-45% fine grained to medium grained sands, trace gravels up to 0.5" diameter, low plasticity
		moist			6			
		moist			7			
		moist			8			
		moist			9		SC	<b>clayey SAND:</b> brown, dense, 30-40% fines, fine to coarse grained sands, 5-15% gravels up to 1" b-axis, no plasticity
		moist			10			
		moist			11			
		moist			12			
		moist			13		CL	<b>lean CLAY w/sand:</b> dark brown, hard, 15-25% fine grained sands, 5-15% gravels up to 0.75" diameter, low plasticity
		moist			14			
		moist			15			
		moist			16			
		moist			17			
		moist			18			
		moist			19			very stiff, trace gravels up to 0.5" diameter
		moist			20			



# Delta

**Environmental  
Consultants, Inc.**

		Project No: SJ89-99S-1		Client: Shell Oil Products US		Well No: MW-9		
		Logged By: Andy Persio		Location: 8999 San Ramon		Page 1 of 2		
Backfill	Well Completion	Driller: Gregg	Drilling Method: HAS/ AK (7')	Date Drilled: 7/26 & 27/06	Hole Diameter: 12"/10"	Location Map		
Casing	Static Water Level	Sampling Method: SS	Casing Type: Sch 40 PVC	Hole Depth: 29.4'	Well Diameter: 4"	Please see site map		
		Slot Size: 0.01	Gravel Pack: #2/12 sand	Well Depth: 29.4'	Casing Stickup: NA			
Elevation			Northing		Easting			
Backfill	Casing	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout		moist	2.6	air knifed & hand augered	1		AF	~3" asphalt and ~ 3" baserock
		moist	1.1		2		CL	sandy lean CLAY: dark brown, stiff, 30-40% fine to medium grained sands, low plasticity, trace gravels up to 1" b-axis diameter
		moist	0.9		3			
		moist	0.7		4			40-50% fine to medium grained sand, brown
Bentonite					5			5-15% gravels up to 0.5" diameter
					6			
					7			
					8			
					9			
					10			
					11			
					12			
					13			
					14			
					15			
					16			
					17			
					18			
					19			hard, 10-20% fine grained sands
					20			

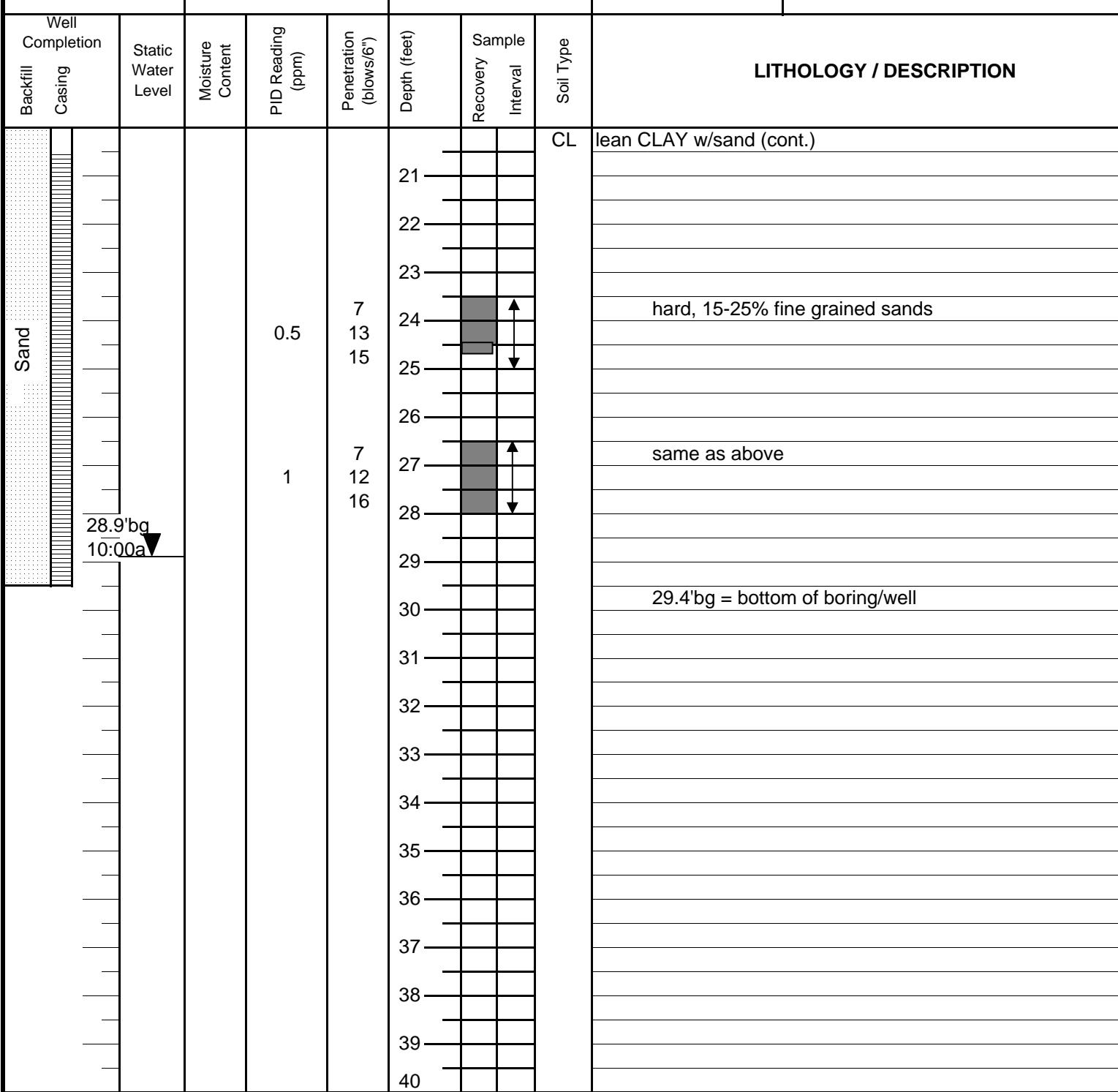
**Delta**  
Environmental  
Consultants, Inc.

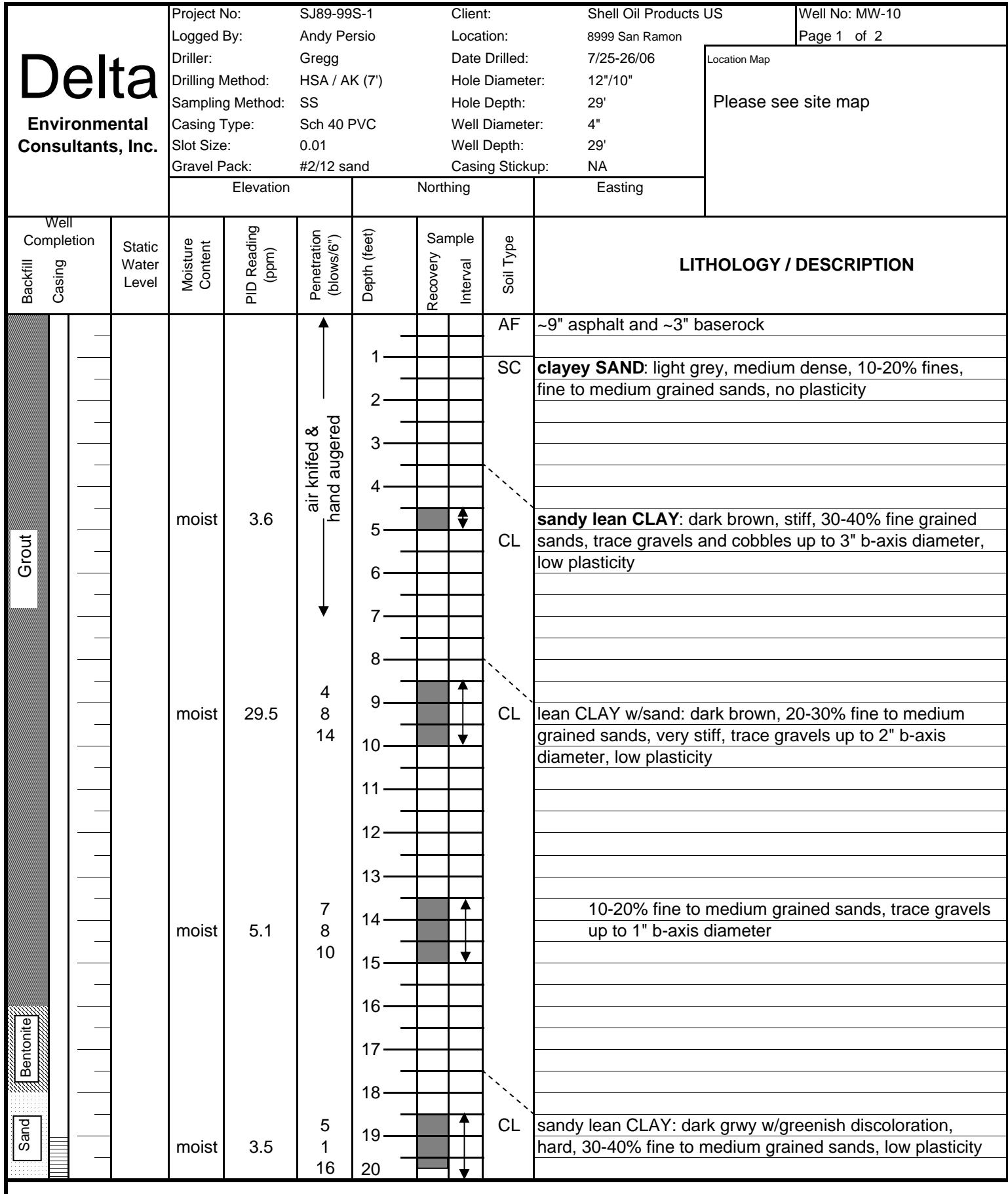
Project No:	SJ89-99S-1	Client:	Shell Oil Products US	Well No: MW-9
Logged By:	Andy Persio	Location:	8999 San Ramon	Page 2 of 2
Driller:	Gregg	Date Drilled:	7/26 & 27/06	
Drilling Method:	HAS/ AK (7')	Hole Diameter:	12"/10"	
Sampling Method:	SS	Hole Depth:	29.4'	
Casing Type:	Sch 40 PVC	Well Diameter:	4"	
Slot Size:	0.01	Well Depth:	29.4'	
Gravel Pack:	#2/12 sand	Casing Stickup:	NA	

Elevation	Northing	Easting
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Location Map

Please see site map





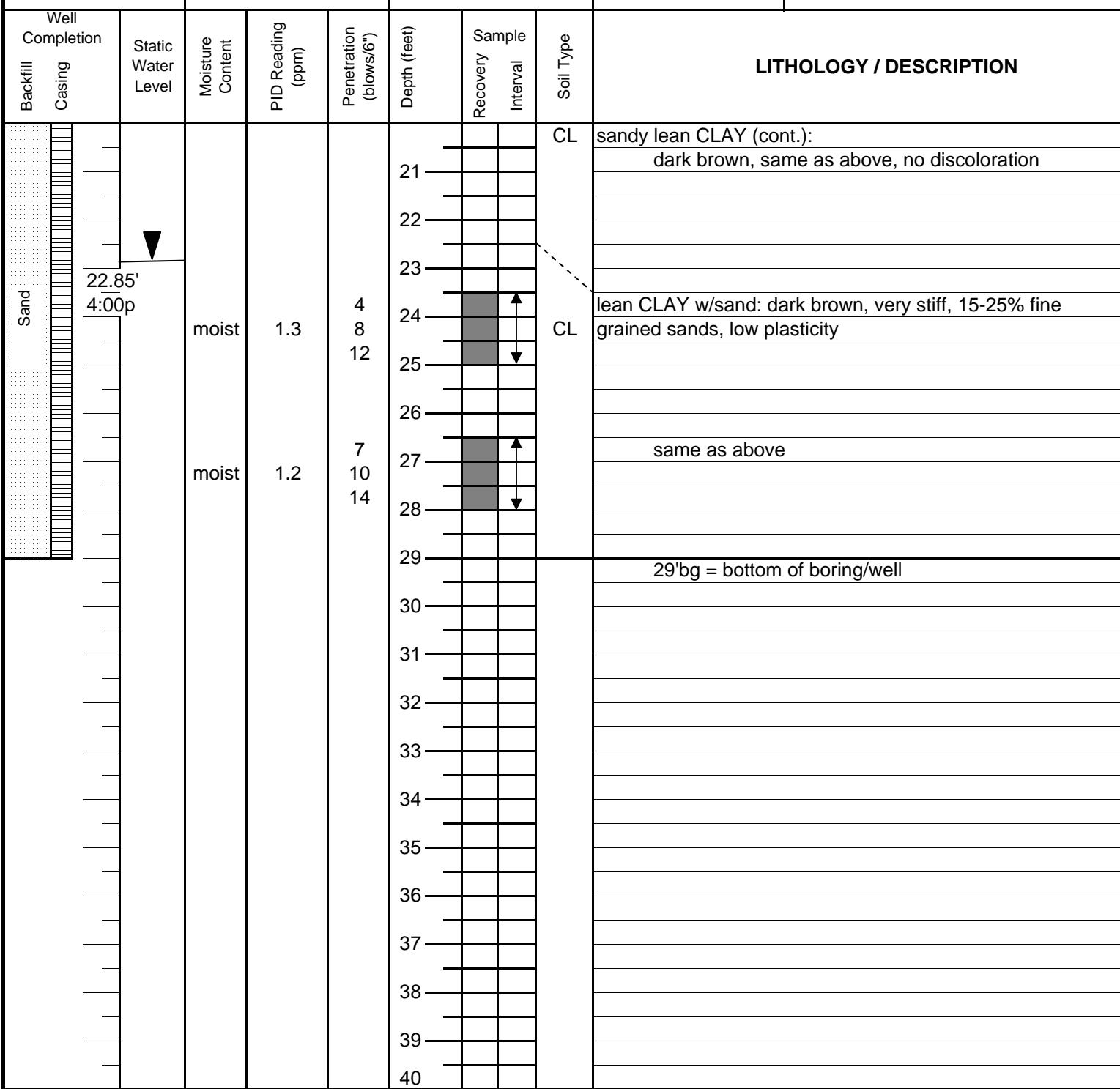
**Delta**  
Environmental  
Consultants, Inc.

Project No:	SJ89-99S-1	Client:	Shell Oil Products US	Well No: MW- 10
Logged By:	Andy Persio	Location:	8999 San Ramon	Page 2 of 2
Driller:	Gregg	Date Drilled:	7/25-26/06	
Drilling Method:	HAS/ AK (7')	Hole Diameter:	12"/10"	
Sampling Method:	SS	Hole Depth:	29'	
Casing Type:	Sch 40 PVC	Well Diameter:	4"	
Slot Size:	0.01	Well Depth:	29'	
Gravel Pack:	#2/12 sand	Casing Stickup:	NA	

Elevation	Northing	Easting
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Location Map

Please see site map





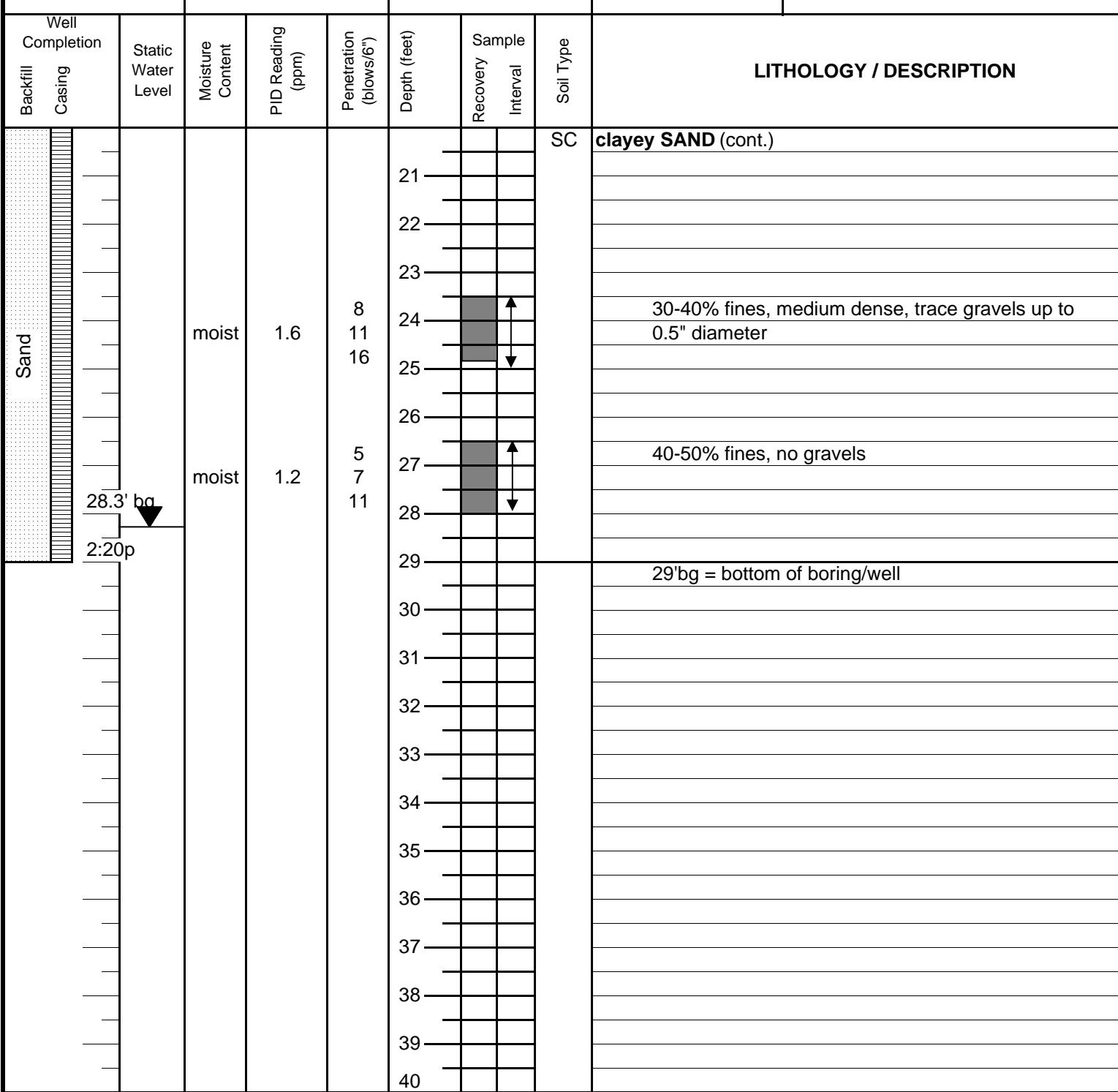
**Delta**  
Environmental  
Consultants, Inc.

Project No:	SJ89-99S-1	Client:	Shell Oil Products US	Well No: MW-11
Logged By:	Andy Persio	Location:	8999 San Ramon	Page 2 of 2
Driller:	Gregg	Date Drilled:	7/25 & 28/06	
Drilling Method:	HSA / AK (7')	Hole Diameter:	10"/6"	
Sampling Method:	SS	Hole Depth:	29'	
Casing Type:	Sch 40 PVC	Well Diameter:	2"	
Slot Size:	0.01	Well Depth:	29'	
Gravel Pack:	#2/12 sand	Casing Stickup:	NA	

Elevation	Northing	Easting
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Location Map

Please see site map



**Attachment E**

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**WELL SURVEY**



# Mid Coast Engineers

Civil Engineers and Land Surveyors

70 Penny Lane, Suite A - Watsonville, CA 95076  
 phone: (831) 724-2580  
 fax: (831) 724-8025  
 e-mail: lee@midcoastengineers.com

Richard A. Wadsworth

Civil Engineer

Stanley O. Nielsen

Land Surveyor

Lee D. Vaage

Land Surveyor

Jeff S. Nielsen

Land Surveyor

August 25, 2006

Heather Buckingham  
 Delta Environmental Consultants, Inc.  
 175 Bernal Road, Suite 200  
 San Jose, CA 95119

**Re: SHELL-BRANDED SERVICE STATION, 8999 San Ramon Road, Dublin, California;  
 DELTA Project No. SJ89-99S-1.2005, MCE Job No. 05104X2**

Dear Ms. Buckingham,

As you requested, on August 21 we surveyed six additional monitoring wells located at the referenced site. Our findings are listed on the attached sheets, expressed in State Plane Coordinates and Latitude/Longitude, and are consistent with our previous surveys of May 10, 2005 and March 6, 2006.

A notch was cut in the north rim of the PVC casing (TOC) and a cross chiseled in the north rim of the box (TOB).

Measurements were obtained from conventional survey techniques in combination with GPS techniques (Code CGPS), using control points H\$5408 (HPGN CA 04 07) and DE8479 (C226), as published by NGS/NOAA and listed on their website. Latitude and Longitude as shown were determined from the California Coordinate System, Zone 3, NAD 83 Datum. The accuracy range of the reported information is +/- 1cm. GPS equipment is the Trimble 5700 /5800 system (Code T57).

The benchmark used for this survey is BEL-HEAD 1977, a chiseled square in the top center of a headwall over a concrete ditch on the southerly side of Bellina Street and 115' easterly of the centerline of San Ramon Road. Elevation = 410.505 feet, NGVD29, as obtained from the City of Dublin Public Works Department.

Please let me know if you have questions or need additional information.

Yours truly,

Lee D. Vaage



**SHELL-BRANDED SERVICE STATION**  
**8999 San Ramon Road**  
**Dublin, California**

**DELTA Project No. SJ89-89S-1.2005**

**Project : 05104X2**

User name MCE Date & Time 2:49:55 PM 8/25/2006  
Coordinate System US State Plane 1983 Zone California Zone 3 0403  
Project Datum NAD 1983 (Conus)  
Vertical Datum NGVD 29  
Coordinate Units US survey feet  
Distance Units US survey feet  
Elevation Units US survey feet

Point Number	Northing	Easting	Elevation	Description
23	2088728.95	6144701.82	416.88	MW-5toc
24	2088729.29	6144701.84	417.81	MW-5tab
21	2088753.89	6144784.58	414.35	MW-7toc
22	2088754.25	6144784.60	414.92	MW-7tab
19	2088824.31	6144795.41	414.54	MW-8toc
20	2088824.56	6144795.40	415.08	MW-8tab
25	2088763.09	6144839.74	412.89	MW-9toc
26	2088763.48	6144839.76	412.94	MW-9tab
15	2088858.50	6144717.70	419.48	MW-10toc
16	2088858.88	6144717.67	420.03	MW-10tab
27	2088806.38	6144948.55	409.69	MW-11toc
28	2088806.86	6144948.44	409.95	MW-11tab

**SHELL-BRANDED SERVICE STATION**  
**8999 San Ramon Road**  
**Dublin, California**

**DELTA Project No. SJB9-99S-1.2005**

Project : 05104X2

User name MCE Date & Time 2:49:55 PM 8/25/2006

Coordinate System US State Plane 1983 Zone California Zone 3 0403

Project Datum NAD 1983 (Contus)

Vertical Datum NGVD 29

Coordinate Units US survey feet

Distance Units US survey feet

Elevation Units US survey feet

Point Number	Latitude	Longitude	Elevation	Description
23	37.722435403°N	121.941714886°W	416.88	MW-5toc
24	37.722436315°N	121.941714819°W	417.01	MW-5tob
21	37.722507369°N	121.941430122°W	414.35	MW-7toc
22	37.722508371°N	121.941430043°W	414.92	MW-7tob
19	37.722701200°N	121.941396430°W	414.54	MW-8toc
20	37.722701892°N	121.941396472°W	415.08	MW-8tob
25	37.722534989°N	121.941239910°W	412.89	MW-9toc
26	37.722536036°N	121.941239869°W	412.94	MW-9tob
15	37.722791809°N	121.941666878°W	419.48	MW-10toc
16	37.722792868°N	121.941667004°W	420.03	MW-10tob
27	37.722658442°N	121.940868028°W	409.69	MW-11toc
28	37.722659768°N	121.940866450°W	409.95	MW-11tob

	A	B	C	D	E	F	G	H	I	J	K	L
1	SHELL-BRANDED SERVICE STATION											
2	8999 San Ramon Road											
3	Dublin, California											
4												
5	DELTA Project No.	SJ89-99S-1.2005										
6												
7	Project:	05104X2										
8	User name	MCE	Date & Time	2:49:55 PM 8/25/2006								
9	Coordinate System	US State Plane 1983	Zone	California Zone 3 0403								
10	Project Datum	NAD 1983 (Conus)										
11	Vertical Datum	NGVD 29										
12	Coordinate Units	US survey feet										
13	Distance Units	US survey feet										
14	Elevation Units	US survey feet										
15												
16	MW-5	MW	08/21/2006	37.7224354	-121.9417149	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing	
17	MW-7	MW	08/21/2006	37.7225074	-121.9414301	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing	
18	MW-8	MW	08/21/2006	37.7227012	-121.9413964	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing	
19	MW-9	MW	08/21/2006	37.7225350	-121.9412399	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing	
20	MW-10	MW	08/21/2006	37.7227918	-121.9416669	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing	
21	MW-11	MW	08/21/2006	37.7226584	-121.9408660	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing	

	A	B	C	D	E	F	G	H	I	J	K
1	SHELL-BRANDED SERVICE STATION										
2	8999 San Ramon Road										
3	Dublin, California										
4											
5	DELTA Project No. SJ89-99S-1.2005										
6											
7	Project : 05104X2										
8	User name MCE	Date & Time	2:49:55 PM	6/25/2006							
9	Coordinate System US State Plane 1983				Zone California Zone 3	0403					
10	Project Datum NAD 1983 (Conus)										
11	Vertical Datum NGVD 29										
12	Coordinate Units US survey feet										
13	Distance Units US survey feet										
14	Elevation Units US survey feet										
15											
16	MW-5	08/21/2006	416.88	CGPS	29	0.5		Mid Coast Engineers		top of casing	
17	MW-7	08/21/2006	414.35	CGPS	29	0.5		Mid Coast Engineers		top of casing	
18	MW-8	08/21/2006	414.54	CGPS	29	0.5		Mid Coast Engineers		top of casing	
19	MW-9	08/21/2006	412.69	CGPS	29	0.5		Mid Coast Engineers		top of casing	
20	MW-10	08/21/2006	419.48	CGPS	29	0.5		Mid Coast Engineers		top of casing	
21	MW-11	08/21/2006	409.69	CGPS	29	0.5		Mid Coast Engineers		top of casing	

**Attachment F**

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**GROUNDWATER MONITORING AND SAMPLING REPORT, SEPTEMBER 15,  
2006**

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**BLAINE**  
TECH SERVICES INC.

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GROUNDWATER SAMPLING SPECIALISTS  
SINCE 1985

September 15, 2006

Denis Brown  
Shell Oil Products US  
20945 South Wilmington Avenue  
Carson, CA 90810

Third Quarter 2006 Groundwater Monitoring at  
Former Shell Service Station  
8999 San Ramon Road  
Dublin, CA

Monitoring performed on August 21 and 24, 2006

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Groundwater Monitoring Report **060824-DR-1**

This report covers the routine monitoring of groundwater wells at this former Shell facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty-hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight-hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. Our activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrological conditions or formulation of recommendations was performed.

Please call if you have any questions.

Yours truly,

Mike Ninokata  
Project Coordinator

MN/ks

attachments: Cumulative Table of WELL CONCENTRATIONS  
Certified Analytical Report  
Field Data Sheets

cc: Lee Dooley  
Delta Environmental  
175 Bernal Road, Suite 200  
San Jose, CA 95119

**WELL CONCENTRATIONS**  
**Shell Service Station**  
**8999 San Ramon Road**  
**Dublin, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
---------	------	----------------	----------------	-------------	-------------	-------------	-------------	------------------------	----------------	----------------	----------------	---------------	--------------	----------------------------	--------------------------

MW-1	05/09/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.93	NA
MW-1	05/19/2005	<5,000	160 a	<50	<50	<50	<100	1,400	<200	<200	<200	57,000	420.06	20.70	399.36
MW-1	08/15/2005	<5,000	<50	<50	<50	<50	<100	360	<200	<200	<200	56,000	420.06	23.98	396.08
MW-1	11/08/2005	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	420.06	NA	NA
MW-1	01/30/2006	585	438	<0.500	<0.500	<0.500	<0.500	15.6	<0.500	<0.500	<0.500	115,000	420.06	26.39	393.67
MW-1	05/19/2006	2,940	279 c	<0.500	<0.500	<0.500	<0.500	150	<0.500	0.940	<0.500	49,500	420.06	23.10	396.96
<b>MW-1</b>	<b>08/24/2006</b>	<b>812</b>	<b>85.6 c</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>33.0</b>	<b>&lt;0.500</b>	<b>0.890</b>	<b>&lt;0.500</b>	<b>30,700</b>	<b>420.06</b>	<b>23.94</b>	<b>396.12</b>

MW-2	05/09/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.72	NA
MW-2	05/19/2005	<500	<50	<5.0	<5.0	<5.0	<10	11	<20	<20	<20	4,200	418.88	21.26	397.62
MW-2	08/15/2005	<1,000	<50	<10	<10	<10	<20	<10	<40	<40	<40	7,500	418.88	25.33	393.55
MW-2	11/08/2005	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	418.88	NA	NA
MW-2	01/30/2006	<50.0	401	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	1,310	418.88	25.87	393.01
MW-2	05/19/2006	398	134 c	<0.500	<0.500	<0.500	<0.500	7.65	<0.500	<0.500	<0.500	4,910	418.88	21.75	397.13
<b>MW-2</b>	<b>08/24/2006</b>	<b>&lt;50.0</b>	<b>&lt;46.9 c</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>2.82</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>4,070</b>	<b>418.88</b>	<b>24.60</b>	<b>394.28</b>

MW-3	05/09/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.08	NA
MW-3	05/19/2005	<50	120 a	<0.50	<0.50	<0.50	<1.0	40	<2.0	<2.0	<2.0	6.5	417.24	19.08	398.16
MW-3	08/15/2005	<50	73	<0.50	<0.50	<0.50	<1.0	34	<2.0	<2.0	<2.0	<5.0	417.24	22.20	395.04
MW-3	11/08/2005	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	417.24	NA	NA
MW-3	01/30/2006	<50.0	412	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	417.24	23.64	393.60
MW-3	05/19/2006	<50.0	183 c	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	417.24	19.00	398.24
<b>MW-3</b>	<b>08/24/2006</b>	<b>&lt;50.0</b>	<b>214 c</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>3.11</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>661</b>	<b>417.24</b>	<b>21.84</b>	<b>395.40</b>

MW-4	05/09/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.77	NA
MW-4	05/19/2005	97	59 a	0.66	<0.50	<0.50	<1.0	4.8	<2.0	<2.0	<2.0	8.2	420.52	19.85	400.67
MW-4	08/15/2005	67	<50	<0.50	<0.50	<0.50	<1.0	0.86	<2.0	<2.0	<2.0	<5.0	420.52	23.34	397.18
MW-4	11/08/2005	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	420.52	NA	NA

**WELL CONCENTRATIONS**  
**Shell Service Station**  
**8999 San Ramon Road**  
**Dublin, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-4	01/30/2006	<50.0	112	<0.500	<0.500	<0.500	<0.500	1.63	<0.500	<0.500	<0.500	<10.0	420.52	24.13	396.39
MW-4	05/19/2006	<50.0	<46.9 c	<0.500	<0.500	<0.500	<0.500	1.08	<0.500	<0.500	<0.500	<10.0	420.52	19.79	400.73
<b>MW-4</b>	<b>08/24/2006</b>	<b>&lt;50.0</b>	<b>&lt;47.2 c</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>78.3</b>	<b>420.52</b>	<b>22.50</b>	<b>398.02</b>
MW-5	08/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	416.88	25.25	391.63
MW-5	08/24/2006	<50.0	108 c	<0.500	<0.500	<0.500	<0.500	3.33	<0.500	<0.500	<0.500	21.0	416.88	25.70	391.18
MW-6	02/28/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	422.50	23.55	398.95
MW-6	03/03/2006	<50.0	104	<0.500	<0.500	<0.500	<0.500	4.93	<0.500	<0.500	<0.500	<10.0	422.50	23.30	399.20
MW-6	05/19/2006	<50.0	<46.9	<0.500	<0.500	<0.500	<0.500	5.76	<0.500	<0.500	<0.500	<10.0	422.50	20.31	402.19
<b>MW-6</b>	<b>08/24/2006</b>	<b>&lt;50.0</b>	<b>&lt;47.2 c</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>0.870</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>&lt;10.0</b>	<b>422.50</b>	<b>23.69</b>	<b>398.81</b>
MW-7	08/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	414.35	25.84	388.51
MW-7	08/24/2006	<50.0	<47.2 c	<0.500	<0.500	<0.500	<0.500	2.63	<0.500	<0.500	<0.500	751	414.35	26.21	388.14
MW-8	08/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	414.54	23.02	391.52
MW-8	08/24/2006	110	74.5 c	<0.500	<0.500	<0.500	<0.500	4.62	<0.500	<0.500	<0.500	6,610	414.54	23.17	391.37
MW-9	08/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	412.69	27.75	384.94
MW-9	08/24/2006	<50.0	69.9 c,d	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	86.8	412.69	28.35	384.34
MW-10	08/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	419.48	23.90	395.58
MW-10	08/24/2006	626	100 c	1.04	<0.500	1.22	<0.500	12.4	<0.500	<0.500	<0.500	5,740	419.48	24.02	395.46
MW-11	08/21/2006	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	409.69	NA	NA
MW-11	08/24/2006	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	409.69	NA	NA

**WELL CONCENTRATIONS**  
**Shell Service Station**  
**8999 San Ramon Road**  
**Dublin, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
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Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by modified EPA Method 8260B.

TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B.

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B

ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B

TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B

TBA = Tertiary butyl alcohol or tertiary butanol, analyzed by EPA Method 8260B

TOC = Top of Casing Elevation

GW = Groundwater

ug/L = Parts per billion

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

NA = Not applicable

Notes:

a = Hydrocarbon reported does not match the pattern of the laboratory's Diesel standard.

b = Quantity of unknown hydrocarbon(s) in sample based on gasoline.

c = Diesel with silica gel clean-up.

d = Insufficient sample available for reanalysis.

Site surveyed May 10, 2005 by Mid Coast Engineers.

Well MW-6 surveyed March 3, 2006 by Mid Coast Engineers.

March 21, 2006

Client: Delta Env. Consultants (San Jose) / SHELL (13653)  
175 Bernal Rd., Suite 200  
San Jose, CA 95119  
Attn: Vera Fischer

Work Order: NPC1252  
Project Name: 8999 San Ramon Rd, Dublin, CA  
Project Nbr: SAP 135244  
P/O Nbr: 97565995  
Date Received: 03/09/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-6	NPC1252-01	03/03/06 13:00

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

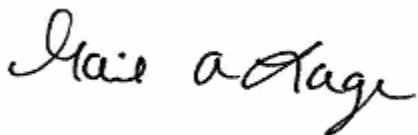
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California Certification Number: 01168CA

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

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Report Approved By:



Gail A Lage

Senior Project Manager

Client Delta Env. Consultants (San Jose) / SHELL (13653)  
 175 Bernal Rd., Suite 200  
 San Jose, CA 95119  
 Attn Vera Fischer

Work Order: NPC1252  
 Project Name: 8999 San Ramon Rd, Dublin, CA  
 Project Number: SAP 135244  
 Received: 03/09/06 08:30

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPC1252-01 (MW-6 - Water) Sampled: 03/03/06 13:00</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	03/14/06 15:16	SW846 8260B	6032289
Benzene	ND		ug/L	0.500	1	03/14/06 15:16	SW846 8260B	6032289
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	03/14/06 15:16	SW846 8260B	6032289
Diisopropyl Ether	ND		ug/L	0.500	1	03/14/06 15:16	SW846 8260B	6032289
Ethylbenzene	ND		ug/L	0.500	1	03/14/06 15:16	SW846 8260B	6032289
Methyl tert-Butyl Ether	<b>4.93</b>		ug/L	0.500	1	03/14/06 15:16	SW846 8260B	6032289
Toluene	ND		ug/L	0.500	1	03/14/06 15:16	SW846 8260B	6032289
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	03/15/06 15:52	SW846 8260B	6032544
Xylenes, total	ND		ug/L	0.500	1	03/14/06 15:16	SW846 8260B	6032289
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	96 %					03/14/06 15:16	SW846 8260B	6032289
<i>Surr: Dibromofluoromethane (79-122%)</i>	113 %					03/14/06 15:16	SW846 8260B	6032289
<i>Surr: Toluene-d8 (78-121%)</i>	95 %					03/14/06 15:16	SW846 8260B	6032289
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	95 %					03/14/06 15:16	SW846 8260B	6032289
Extractable Petroleum Hydrocarbons								
Diesel	<b>104</b>		ug/L	50.0	1	03/20/06 20:55	SW846 8015B	6031883
<i>Surr: o-Terphenyl (55-150%)</i>	116 %					03/20/06 20:55	SW846 8015B	6031883
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	03/14/06 15:16	SW846 8260B	6032289
<i>Surr: 1,2-Dichloroethane-d4 (0-200%)</i>	96 %					03/14/06 15:16	SW846 8260B	6032289
<i>Surr: Dibromofluoromethane (0-200%)</i>	113 %					03/14/06 15:16	SW846 8260B	6032289
<i>Surr: Toluene-d8 (0-200%)</i>	95 %					03/14/06 15:16	SW846 8260B	6032289
<i>Surr: 4-Bromofluorobenzene (0-200%)</i>	95 %					03/14/06 15:16	SW846 8260B	6032289

Client Delta Env. Consultants (San Jose) / SHELL (13653)  
175 Bernal Rd., Suite 200  
San Jose, CA 95119  
Attn Vera Fischer

Work Order: NPC1252  
Project Name: 8999 San Ramon Rd, Dublin, CA  
Project Number: SAP 135244  
Received: 03/09/06 08:30

## SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons							
SW846 8015B	6031883	NPC1252-01	1000.00	1.00	03/10/06 15:15	KLG	EPA 3510C
SW846 8015B	6031883	NPC1252-01RE1	1000.00	1.00	03/10/06 15:15	KLG	EPA 3510C

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## PROJECT QUALITY CONTROL DATA

### Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>						
<b>6032289-BLK1</b>						
Tert-Amyl Methyl Ether	<0.200		ug/L	6032289	6032289-BLK1	03/14/06 09:44
Benzene	<0.200		ug/L	6032289	6032289-BLK1	03/14/06 09:44
Ethyl tert-Butyl Ether	<0.200		ug/L	6032289	6032289-BLK1	03/14/06 09:44
Diisopropyl Ether	<0.200		ug/L	6032289	6032289-BLK1	03/14/06 09:44
Ethylbenzene	<0.200		ug/L	6032289	6032289-BLK1	03/14/06 09:44
Methyl tert-Butyl Ether	<0.200		ug/L	6032289	6032289-BLK1	03/14/06 09:44
Toluene	<0.200		ug/L	6032289	6032289-BLK1	03/14/06 09:44
Tertiary Butyl Alcohol	<5.06		ug/L	6032289	6032289-BLK1	03/14/06 09:44
Xylenes, total	<0.350		ug/L	6032289	6032289-BLK1	03/14/06 09:44
Surrogate: 1,2-Dichloroethane-d4	95%			6032289	6032289-BLK1	03/14/06 09:44
Surrogate: Dibromofluoromethane	114%			6032289	6032289-BLK1	03/14/06 09:44
Surrogate: Toluene-d8	95%			6032289	6032289-BLK1	03/14/06 09:44
Surrogate: 4-Bromofluorobenzene	95%			6032289	6032289-BLK1	03/14/06 09:44
<b>6032544-BLK1</b>						
Tert-Amyl Methyl Ether	<0.200		ug/L	6032544	6032544-BLK1	03/15/06 09:24
Ethyl tert-Butyl Ether	<0.200		ug/L	6032544	6032544-BLK1	03/15/06 09:24
Diisopropyl Ether	<0.200		ug/L	6032544	6032544-BLK1	03/15/06 09:24
Methyl tert-Butyl Ether	<0.200		ug/L	6032544	6032544-BLK1	03/15/06 09:24
Tertiary Butyl Alcohol	<5.06		ug/L	6032544	6032544-BLK1	03/15/06 09:24
Surrogate: 1,2-Dichloroethane-d4	91%			6032544	6032544-BLK1	03/15/06 09:24
Surrogate: Dibromofluoromethane	111%			6032544	6032544-BLK1	03/15/06 09:24
Surrogate: Toluene-d8	95%			6032544	6032544-BLK1	03/15/06 09:24
Surrogate: 4-Bromofluorobenzene	95%			6032544	6032544-BLK1	03/15/06 09:24
<b>Extractable Petroleum Hydrocarbons</b>						
<b>6031883-BLK2</b>						
Diesel	<33.0		ug/L	6031883	6031883-BLK2	03/18/06 16:26
Surrogate: o-Terphenyl	124%			6031883	6031883-BLK2	03/18/06 16:26
<b>Purgeable Petroleum Hydrocarbons</b>						
<b>6032289-BLK1</b>						
Gasoline Range Organics	<50.0		ug/L	6032289	6032289-BLK1	03/14/06 09:44
Surrogate: 1,2-Dichloroethane-d4	95%			6032289	6032289-BLK1	03/14/06 09:44
Surrogate: Dibromofluoromethane	114%			6032289	6032289-BLK1	03/14/06 09:44
Surrogate: Toluene-d8	95%			6032289	6032289-BLK1	03/14/06 09:44
Surrogate: 4-Bromofluorobenzene	95%			6032289	6032289-BLK1	03/14/06 09:44

Client Delta Env. Consultants (San Jose) / SHELL (13653)  
 175 Bernal Rd., Suite 200  
 San Jose, CA 95119  
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Work Order: NPC1252  
 Project Name: 8999 San Ramon Rd, Dublin, CA  
 Project Number: SAP 135244  
 Received: 03/09/06 08:30

## PROJECT QUALITY CONTROL DATA

### LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>								
<b>6032289-BS1</b>								
Tert-Amyl Methyl Ether	50.0	48.5		ug/L	97%	56 - 145	6032289	03/14/06 08:48
Benzene	50.0	54.9		ug/L	110%	79 - 123	6032289	03/14/06 08:48
Ethyl tert-Butyl Ether	50.0	53.1		ug/L	106%	64 - 141	6032289	03/14/06 08:48
Diisopropyl Ether	50.0	52.8		ug/L	106%	73 - 135	6032289	03/14/06 08:48
Ethylbenzene	50.0	51.6		ug/L	103%	79 - 125	6032289	03/14/06 08:48
Methyl tert-Butyl Ether	50.0	53.5		ug/L	107%	66 - 142	6032289	03/14/06 08:48
Toluene	50.0	48.3		ug/L	97%	78 - 122	6032289	03/14/06 08:48
Tertiary Butyl Alcohol	500	643		ug/L	129%	42 - 154	6032289	03/14/06 08:48
Xylenes, total	150	150		ug/L	100%	79 - 130	6032289	03/14/06 08:48
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	45.6			91%	70 - 130	6032289	03/14/06 08:48
<i>Surrogate: Dibromofluoromethane</i>	50.0	55.6			111%	79 - 122	6032289	03/14/06 08:48
<i>Surrogate: Toluene-d8</i>	50.0	48.5			97%	78 - 121	6032289	03/14/06 08:48
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	46.1			92%	78 - 126	6032289	03/14/06 08:48
<b>6032544-BS1</b>								
Tert-Amyl Methyl Ether	50.0	51.0		ug/L	102%	56 - 145	6032544	03/15/06 08:29
Ethyl tert-Butyl Ether	50.0	54.4		ug/L	109%	64 - 141	6032544	03/15/06 08:29
Diisopropyl Ether	50.0	52.7		ug/L	105%	73 - 135	6032544	03/15/06 08:29
Methyl tert-Butyl Ether	50.0	54.7		ug/L	109%	66 - 142	6032544	03/15/06 08:29
Tertiary Butyl Alcohol	500	579		ug/L	116%	42 - 154	6032544	03/15/06 08:29
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	43.2			86%	70 - 130	6032544	03/15/06 08:29
<i>Surrogate: Dibromofluoromethane</i>	50.0	55.4			111%	79 - 122	6032544	03/15/06 08:29
<i>Surrogate: Toluene-d8</i>	50.0	48.1			96%	78 - 121	6032544	03/15/06 08:29
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	46.0			92%	78 - 126	6032544	03/15/06 08:29
<b>Extractable Petroleum Hydrocarbons</b>								
<b>6031883-BS1</b>								
Diesel	1000	800		ug/L	80%	49 - 118	6031883	03/16/06 18:05
<i>Surrogate: o-Terphenyl</i>	20.0	26.0			130%	55 - 150	6031883	03/16/06 18:05
<b>Purgeable Petroleum Hydrocarbons</b>								
<b>6032289-BS1</b>								
Gasoline Range Organics	3050	2380		ug/L	78%	67 - 130	6032289	03/14/06 08:48
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	45.6			91%	70 - 130	6032289	03/14/06 08:48
<i>Surrogate: Dibromofluoromethane</i>	50.0	55.6			111%	70 - 130	6032289	03/14/06 08:48
<i>Surrogate: Toluene-d8</i>	50.0	48.5			97%	70 - 130	6032289	03/14/06 08:48
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	46.1			92%	70 - 130	6032289	03/14/06 08:48

Client Delta Env. Consultants (San Jose) / SHELL (13653)  
 175 Bernal Rd., Suite 200  
 San Jose, CA 95119  
 Attn Vera Fischer

Work Order: NPC1252  
 Project Name: 8999 San Ramon Rd, Dublin, CA  
 Project Number: SAP 135244  
 Received: 03/09/06 08:30

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>										
<b>6032289-MS1</b>										
Tert-Amyl Methyl Ether	ND	44.8		ug/L	50.0	90%	45 - 155	6032289	NPC1450-04	03/14/06 19:08
Benzene	ND	55.1		ug/L	50.0	110%	71 - 137	6032289	NPC1450-04	03/14/06 19:08
Ethyl tert-Butyl Ether	ND	50.6		ug/L	50.0	101%	57 - 148	6032289	NPC1450-04	03/14/06 19:08
Diisopropyl Ether	ND	50.8		ug/L	50.0	102%	67 - 143	6032289	NPC1450-04	03/14/06 19:08
Ethylbenzene	ND	51.7		ug/L	50.0	103%	72 - 139	6032289	NPC1450-04	03/14/06 19:08
Methyl tert-Butyl Ether	1.10	53.0		ug/L	50.0	104%	55 - 152	6032289	NPC1450-04	03/14/06 19:08
Toluene	ND	48.4		ug/L	50.0	97%	73 - 133	6032289	NPC1450-04	03/14/06 19:08
Tertiary Butyl Alcohol	10.3	646		ug/L	500	127%	19 - 183	6032289	NPC1450-04	03/14/06 19:08
Xylenes, total	ND	151		ug/L	150	101%	70 - 143	6032289	NPC1450-04	03/14/06 19:08
<i>Surrogate: 1,2-Dichloroethane-d4</i>		46.9		ug/L	50.0	94%	70 - 130	6032289	NPC1450-04	03/14/06 19:08
<i>Surrogate: Dibromofluoromethane</i>		56.0		ug/L	50.0	112%	79 - 122	6032289	NPC1450-04	03/14/06 19:08
<i>Surrogate: Toluene-d8</i>		48.5		ug/L	50.0	97%	78 - 121	6032289	NPC1450-04	03/14/06 19:08
<i>Surrogate: 4-Bromofluorobenzene</i>		45.8		ug/L	50.0	92%	78 - 126	6032289	NPC1450-04	03/14/06 19:08

**Purgeable Petroleum Hydrocarbons**

6032289-MS1	ND	2310		ug/L	3050	76%	60 - 140	6032289	NPC1450-04	03/14/06 19:08
Gasoline Range Organics	ND			ug/L	50.0	94%	0 - 200	6032289	NPC1450-04	03/14/06 19:08
<i>Surrogate: 1,2-Dichloroethane-d4</i>		46.9		ug/L	50.0	94%	0 - 200	6032289	NPC1450-04	03/14/06 19:08
<i>Surrogate: Dibromofluoromethane</i>		56.0		ug/L	50.0	112%	0 - 200	6032289	NPC1450-04	03/14/06 19:08
<i>Surrogate: Toluene-d8</i>		48.5		ug/L	50.0	97%	0 - 200	6032289	NPC1450-04	03/14/06 19:08
<i>Surrogate: 4-Bromofluorobenzene</i>		45.8		ug/L	50.0	92%	0 - 200	6032289	NPC1450-04	03/14/06 19:08

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 Project Name: 8999 San Ramon Rd, Dublin, CA  
 Project Number: SAP 135244  
 Received: 03/09/06 08:30

### PROJECT QUALITY CONTROL DATA

#### Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>6032289-MSD1</b>												
Tert-Amyl Methyl Ether	ND	44.8		ug/L	50.0	90%	45 - 155	0	24	6032289	NPC1450-04	03/14/06 19:36
Benzene	ND	54.7		ug/L	50.0	109%	71 - 137	0.7	23	6032289	NPC1450-04	03/14/06 19:36
Ethyl tert-Butyl Ether	ND	50.3		ug/L	50.0	101%	57 - 148	0.6	22	6032289	NPC1450-04	03/14/06 19:36
Diisopropyl Ether	ND	51.2		ug/L	50.0	102%	67 - 143	0.8	22	6032289	NPC1450-04	03/14/06 19:36
Ethylbenzene	ND	51.6		ug/L	50.0	103%	72 - 139	0.2	23	6032289	NPC1450-04	03/14/06 19:36
Methyl tert-Butyl Ether	1.10	52.6		ug/L	50.0	103%	55 - 152	0.8	27	6032289	NPC1450-04	03/14/06 19:36
Toluene	ND	48.4		ug/L	50.0	97%	73 - 133	0	25	6032289	NPC1450-04	03/14/06 19:36
Tertiary Butyl Alcohol	10.3	664		ug/L	500	131%	19 - 183	3	39	6032289	NPC1450-04	03/14/06 19:36
Xylenes, total	ND	151		ug/L	150	101%	70 - 143	0	27	6032289	NPC1450-04	03/14/06 19:36
<i>Surrogate: 1,2-Dichloroethane-d4</i>		46.0		ug/L	50.0	92%	70 - 130			6032289	NPC1450-04	03/14/06 19:36
<i>Surrogate: Dibromofluoromethane</i>		55.5		ug/L	50.0	111%	79 - 122			6032289	NPC1450-04	03/14/06 19:36
<i>Surrogate: Toluene-d8</i>		48.8		ug/L	50.0	98%	78 - 121			6032289	NPC1450-04	03/14/06 19:36
<i>Surrogate: 4-Bromofluorobenzene</i>		46.2		ug/L	50.0	92%	78 - 126			6032289	NPC1450-04	03/14/06 19:36

### Purgeable Petroleum Hydrocarbons

<b>6032289-MSD1</b>												
Gasoline Range Organics	ND	2310		ug/L	3050	76%	60 - 140	0	40	6032289	NPC1450-04	03/14/06 19:36
<i>Surrogate: 1,2-Dichloroethane-d4</i>		46.0		ug/L	50.0	92%	0 - 200			6032289	NPC1450-04	03/14/06 19:36
<i>Surrogate: Dibromofluoromethane</i>		55.5		ug/L	50.0	111%	0 - 200			6032289	NPC1450-04	03/14/06 19:36
<i>Surrogate: Toluene-d8</i>		48.8		ug/L	50.0	98%	0 - 200			6032289	NPC1450-04	03/14/06 19:36
<i>Surrogate: 4-Bromofluorobenzene</i>		46.2		ug/L	50.0	92%	0 - 200			6032289	NPC1450-04	03/14/06 19:36

Client Delta Env. Consultants (San Jose) / SHELL (13653)  
175 Bernal Rd., Suite 200  
San Jose, CA 95119  
Attn Vera Fischer

Work Order: NPC1252  
Project Name: 8999 San Ramon Rd, Dublin, CA  
Project Number: SAP 135244  
Received: 03/09/06 08:30

## CERTIFICATION SUMMARY

### TestAmerica Analytical - Nashville

Method	Matrix	AIHA	Nelac	California
NA	Water			
SW846 8015B	Water			
SW846 8260B	Water	N/A	X	X

Client Delta Env. Consultants (San Jose) / SHELL (13653)  
175 Bernal Rd., Suite 200  
San Jose, CA 95119  
Attn Vera Fischer

Work Order: NPC1252  
Project Name: 8999 San Ramon Rd, Dublin, CA  
Project Number: SAP 135244  
Received: 03/09/06 08:30

## NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

<u>Method</u>	<u>Matrix</u>	<u>Analyte</u>
SW846 8015B	Water	Diesel
SW846 8260B	Water	Diisopropyl Ether Gasoline Range Organics

**Nashville Division**

**COOLER RECEIPT FORM**



BC#

NPC1252

Cooler Received/Opened On 3/9/06

1. Indicate the Airbill Tracking Number (last 4 digits for FedEx only) and Name of Courier below: 0003

<input checked="" type="checkbox"/> FedEx	UPS	Velocity	DHL	Route	Off-street	Misc.
---	-----	----------	-----	-------	------------	-------

2. Temperature of representative sample or temperature blank when opened: 26 Degrees Celsius  
(indicate IR Gun ID#)

NA	A00466	A00750	A01124	100190	101282	<input checked="" type="checkbox"/> Raynger ST
----	--------	--------	--------	--------	--------	--

3. Were custody seals on outside of cooler?.....  YES...NO...NA

a. If yes, how many and where: \_\_\_\_\_

4. Were the seals intact, signed, and dated correctly?.....  YES...NO...NA

5. Were custody papers inside cooler?.....  YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial).\_\_\_\_\_ JB

6. Were custody seals on containers: YES  NO and Intact  YES NO NA

were these signed, and dated correctly?.....  YES...NO...NA

7. What kind of packing material used?  Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag	Paper	Other _____	None
-------------	-------	-------------	------

8. Cooling process:  Ice  Ice-pack  Ice (direct contact)  Dry ice Other  None

9. Did all containers arrive in good condition (unbroken)?.....  YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?.....  YES...NO...NA

11. Did all container labels and tags agree with custody papers?.....  YES...NO...NA

12. a. Were VOA vials received?.....  YES...NO...NA

b. Was there any observable head space present in any VOA vial?.....  YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial).\_\_\_\_\_ JB

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used.....  YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here \_\_\_\_\_

14. Was residual chlorine present?.....  YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial).\_\_\_\_\_ JB

15. Were custody papers properly filled out (ink, signed, etc)?.....  YES...NO...NA

16. Did you sign the custody papers in the appropriate place?.....  YES...NO...NA

17. Were correct containers used for the analysis requested?.....  YES...NO...NA

18. Was sufficient amount of sample sent in each container?.....  YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial).\_\_\_\_\_ JB

I certify that I attached a label with the unique LIMS number to each container (initial).\_\_\_\_\_ JB

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # \_\_\_\_\_

BIS = Broken in shipment  
Cooler Receipt Form

**Nashville Division**

**COOLER RECEIPT FORM**

BC#

Cooler Received/Opened On: 3/9/06 @ 8:30

1. Indicate the Airbill Tracking Number (last 4 digits for FedEx only) and Name of Courier below: 4929

<u>FED-EX</u>	<u>UPS</u>	<u>Velocity</u>	<u>DHL</u>	<u>Route</u>	<u>Off-street</u>	<u>Misc.</u>
---------------	------------	-----------------	------------	--------------	-------------------	--------------

2. Temperature of representative sample or temperature blank when opened: 13 Degrees Celsius  
(indicate IR Gun ID#)

NA	A00466	A00750	<u>A01124</u>	100190	101282	Raynger ST
----	--------	--------	---------------	--------	--------	------------

3. Were custody seals on outside of cooler?.....1 Side YES...NO...NA

4. Were the seals intact, signed, and dated correctly?.....13 YES...NO...NA

5. Were custody papers inside cooler?.....13 YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial). WJ

6. Were custody seals on containers:	YES	<u>NO</u>	and Intact	YES	NO	<u>NA</u>
--------------------------------------	-----	-----------	------------	-----	----	-----------

were these signed, and dated correctly?.....13 YES...NO...NA

7. What kind of packing material used?	<u>Bubblewrap</u>	Peanuts	Vermiculite	Foam Insert
--	-------------------	---------	-------------	-------------

Plastic bag 3/9/06 Paper Other None

8. Cooling process:	<u>Ice</u>	Ice-pack	Ice (direct contact)	Dry ice	Other	None
---------------------	------------	----------	----------------------	---------	-------	------

9. Did all containers arrive in good condition (unbroken)?.....13 YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?.....13 YES...NO...NA

11. Did all container labels and tags agree with custody papers?.....13 YES...NO...NA

12. a. Were VOA vials received?.....13 YES...NO...NA

b. Was there any observable head space present in any VOA vial?.....13 YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial). WJ

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used?.....13 YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here.....WJ

14. Was residual chlorine present?.....13 YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial). WJ

15. Were custody papers properly filled out (ink, signed, etc)?.....13 YES...NO...NA

16. Did you sign the custody papers in the appropriate place?.....13 YES...NO...NA

17. Were correct containers used for the analysis requested?.....13 YES...NO...NA

18. Was sufficient amount of sample sent in each container?.....13 YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial). WJ

I certify that I attached a label with the unique LIMS number to each container (initial). WJ

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # \_\_\_\_\_

BIS = Broken in shipment  
Cooler Receipt Form

LAB: Test America STL Other

# **SHELL Chain Of Custody Record**

**Lab Identification (if necessary):**

- TA - Irvine, California
  - TA - Morgan Hill, California
  - TA - Nashville, Tennessee
  - STL
  - Other (location)

<input type="checkbox"/> TA - Irvine, California <input type="checkbox"/> TA - Morgan Hill, California <input type="checkbox"/> TA - Nashville, Tennessee <input type="checkbox"/> STL <input type="checkbox"/> Other (location) _____				<b>Shell Project Manager to be invoiced:</b> <input checked="" type="checkbox"/> ENVIRONMENTAL SERVICES Denis Brown <input type="checkbox"/> TECHNICAL SERVICES <input type="checkbox"/> CRMT HOUSTON				<b>NPC1252</b> 03/19/06 17:00 <input type="checkbox"/> NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE				<b>INCIDENT NUMBER (ES ONLY)</b> 9 7 5 6 5 9 9 5 <b>SAP or CRMT NUMBER (TS/CRMT)</b> 				DATE: <u>3/3/06</u> PAGE: <u>1</u> of <u>1</u>					
<b>SAMPLING COMPANY:</b> Blaine Tech Services		<b>LOG CODE:</b> BTSS		<b>SITE ADDRESS:</b> Street and City <b>8999 San Ramon Road, Dublin</b>				<b>State</b> <b>CA</b>		<b>GLOBAL ID NO.:</b> <b>T0600159797</b>											
<b>ADDRESS:</b> <b>1680 Rogers Avenue, San Jose, CA 95112</b>								<b>EDF DELIVERABLE TO (Name, Company, Office Location):</b> <b>Vera Fischer, Delta, Rancho Cordova</b>				<b>PHONE NO.:</b> <b>(916)503-1273</b>		<b>E-MAIL:</b> <b>vfischer@deltaenv.com</b>		<b>CONSULTANT PROJECT NO.:</b> <b>060303-NW</b> <b>BTS #</b>					
<b>PROJECT CONTACT (Handcopy or PDF Report to):</b> <b>Michael Ninokata</b>								<b>SAMPLER NAME(S) (Print):</b> 								<b>LAB USE ONLY</b>					
<b>TELEPHONE:</b> <b>408-573-0555</b>		<b>FAX:</b> <b>408-573-7771</b>		<b>E-MAIL:</b> <b>mninokata@blainetech.com</b>																	
<b>TURNAROUND TIME (STANDARD IS 10 CALENDAR DAYS):</b> <input type="checkbox"/> RESULTS NEEDED <input checked="" type="checkbox"/> STD <input type="checkbox"/> 5 DAY <input type="checkbox"/> 3 DAY <input type="checkbox"/> 2 DAY <input type="checkbox"/> 24 HOURS ON WEEKEND								<b>REQUESTED ANALYSIS</b>													
<input type="checkbox"/> LA - RWQCB REPORT FORMAT <input type="checkbox"/> UST AGENCY: _____								<b>FIELD NOTES:</b>  Container/Preservative or PID Readings or Laboratory Notes													
<b>GC/MS MTBE CONFIRMATION:</b> HIGHEST _____ HIGHEST per BORING _____ ALL _____																					
<b>SPECIAL INSTRUCTIONS OR NOTES:</b> CHECK BOX IF EDD IS <u>NOT</u> NEEDED <input type="checkbox"/> <i>Run TPH-d w/Silica Gel Clean up</i>																					
<b>RECEIPT VERIFICATION REQUESTED</b> <input checked="" type="checkbox"/>																					
<b>LAB USE ONLY</b>	<b>Field Sample Identification</b>		<b>SAMPLING</b>		<b>MATRIX</b>	<b>NO. OF CONT.</b>															
			<b>DATE</b>	<b>TIME</b>																	
	<i>MW-6</i>		<i>3/3/06 1300</i>	<i>w</i>	<i>5</i>	<i>X X X X</i>	<b>TPH - Gas, Purgeable (8260B)</b>	<b>TPH - Diesel, Extractable (8015m)</b>	<b>BTEX (8260B)</b>	<b>5 Oxygenates (8260B)</b> (MTBE, TBA, DiPE, TAME, ETBE)	<b>MTBE (8260B)</b>	<b>TBA (8260B)</b>	<b>DiPE (8260B)</b>	<b>TAME (8260B)</b>	<b>ETBE (8260B)</b>	<b>1,2 DCA (8260B)</b>	<b>EDB (8260B)</b>	<b>Ethanol (8260B)</b>	<b>Methanol (8015m)</b>	<b>TEMPERATURE ON RECEIPT C°</b>	
																		<i>NPC1252-01</i>			
<b>Relinquished by: (Signature)</b> 				<b>Received by: (Signature)</b> 				<b>Simple Description</b>				<b>Date:</b> <u>3/3/06</u>				<b>Time:</b> <u>1712</u>					
<b>Relinquished by: (Signature)</b> 				<b>Received by: (Signature)</b> 				<b>Simple Description</b>				<b>Date:</b> <u>3-6-06</u>				<b>Time:</b> <u>1645</u>					
<b>Relinquished by: (Signature)</b> 				<b>Received by: (Signature)</b> 				<b>Simple Description</b>				<b>Date:</b> <u>3-6-06</u>				<b>Time:</b> <u>1720</u>					

DISTRIBUTION: White with final variant. Crown to F13, M1, and D14 to Chest.

Print: **SEAMH**

317106 140

10/10/2009 Revision

~~03/07~~ 0750

## WELL GAUGING DATA

Project # OB0228-MT Date 2/28/06 Client Shell

Site 8999 San Ramon Rd., Dublin

## WELL DEVELOPMENT DATA SHEET

Project #: 0602-23-MT	Client: Shell
Developer: MT	Date Developed: 2/28/06
Well I.D. NW-6	Well Diameter: (circle one) 2 3 <u>4</u> 6
Total Well Depth:	Depth to Water:
Before 23.25 After 29.69	Before 23.55 After 25.12
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):	Well dia.	VCF
{12 x (d <sup>2</sup> /4) x π} /231	2"	0.16
where	3"	0.37
12 = in / foot	4"	0.65
d = diameter (in.)	6"	1.47
π = 3.1416	10"	4.08
231 = in <sup>3</sup> /gal	12"	6.87

Volume Conversion Factor (VCF):	Well dia.	VCF
{12 x (d <sup>2</sup> /4) x π} /231	2"	0.16
where	3"	0.37
12 = in / foot	4"	0.65
d = diameter (in.)	6"	1.47
π = 3.1416	10"	4.08
231 = in <sup>3</sup> /gal	12"	6.87

$$\frac{3.1}{1 \text{ Case Volume}} \times \frac{10}{\text{Specified Volumes}} = \frac{31}{\text{gallons}}$$

Purging Device:  Bailer  Electric Submersible  
 Suction Pump  Positive Air Displacement

Type of Installed Pump None

Other equipment used 4" Sures

- Electric Submersible
- Positive Air Displacement

TIME	TEMP (F)	pH	Cond. (mS or $\mu$ S)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
			Surged well off 15 min			
1326	65.1	10.1	818	>1000	3.1	
1329	67.9	9.4	952	>1000	6.2	Hard Bottom
1333	67.5	9.0	950	>1000	9.3	
			switched to 3" E&E sub @	2.5 GPM		
1339	65.1	8.4	1020	292	12.4	
1340	67.0	7.6	1192	>1000	15.5	
1342	67.0	7.5	122	>1000	18.6	
1344	67.8	7.2	11210	>1000	21.7	
1346	68.3	7.1	1107	>1000	24.8	
1347	68.5	7.0	1999	>1000	22.9	
1349	68.7	7.0	1095	>1000	31	

Did Well Dewater? **NO** If yes, note above. Gallons Actually Evacuated: **31**

## WELL GAUGING DATA

Project # 060303-MJ2 Date 3/3/06 Client Shelby

Site 8999 San Ramon Rd., Dublin

# SHELL WELL MONITORING DATA SHEET

BTS #:	<u>060303-MD2</u>	Site:	<u>97565995</u>
Sampler:	<u>MD</u>	Date:	<u>3/3/06</u>
Well I.D.:	<u>MW-6</u>	Well Diameter:	2 3 <u>(4)</u> 6 8
Total Well Depth (TD):	<u>78.54</u>	Depth to Water (DTW):	<u>23.30</u>
Depth to Free Product:		Thickness of Free Product (feet):	
Referenced to:	<u>PX</u>	Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>24.35</u>			

Purge Method:	Bailer	Waterra	Sampling Method:	Bailer
Disposable Bailer		Peristaltic		Disposable Bailer
Positive Air Displacement		Extraction Pump		Extraction Port
<u>Electric Submersible</u>	<u>Other</u>			Dedicated Tubing
			Other:	

<u>3.4</u>	(Gals.) X	<u>3</u>	=	<u>10.2</u> Gals.
1 Case Volume	Specified Volumes		Calculated Volume	

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or $\mu\text{S}$ )	Turbidity (NTUs)	Gals. Removed	Observations
1244	65.2	6.9	1046	390	3.5	Cloudy
1246	68.0	6.9	1166	>1000	7	
1247	68.0	6.9	1128	>1000	10.5	↓

Did well dewater? Yes No Gallons actually evacuated: 10.5

Sampling Date: 3/3/06 Sampling Time: 1300 Depth to Water: 24.35

Sample I.D.: MW-6 Laboratory: STL Other TA

Analyzed for: TPH-G BTEX MTBE TPH-D Other: SeCCc

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	$\text{mg/L}$	Post-purge:	$\text{mg/L}$
------------------	------------	---------------	-------------	---------------

O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV
--------------------	------------	----	-------------	----

**LAB:** Test America STL Other

**Lab Identification (if necessary):**

- TA - Irvine, California
  - TA - Morgan Hill, California
  - TA - Nashville, Tennessee
  - STL
  - Other (location) \_\_\_\_\_

## **SHELL Chain Of Custody Record**

Q&Q Graphic (714) 898-9702

September 15, 2006

Client: Delta Env. Consultants (San Jose) / SHELL (13653)  
175 Bernal Rd., Suite 200  
San Jose, CA 95119  
Attn: Heather Buckingham

Work Order: NPH3646  
Project Name: 8999 San Ramon Rd, Dublin, CA  
Project Nbr: SAP 135244  
P/O Nbr: 97565995  
Date Received: 08/26/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-1	NPH3646-01	08/24/06 13:55
MW-2	NPH3646-02	08/24/06 10:05
MW-3	NPH3646-03	08/24/06 09:01
MW-4	NPH3646-04	08/24/06 13:30
MW-5	NPH3646-05	08/24/06 12:02
MW-6	NPH3646-06	08/24/06 13:40
MW-7	NPH3646-07	08/24/06 14:20
MW-8	NPH3646-08	08/24/06 11:30
MW-9	NPH3646-09	08/24/06 10:40
MW-10	NPH3646-10	08/24/06 12:27

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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California Certification Number: 01168CA

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

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:



Jim Hatfield

Project Management

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPH3646
	175 Bernal Rd., Suite 200	Project Name:	8999 San Ramon Rd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135244
Attn	Heather Buckingham	Received:	08/26/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPH3646-01 (MW-1 - Water) Sampled: 08/24/06 13:55</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/06/06 06:29	SW846 8260B	6090879
Benzene	ND		ug/L	0.500	1	09/06/06 06:29	SW846 8260B	6090879
Ethyl tert-Butyl Ether	<b>0.890</b>		ug/L	0.500	1	09/06/06 06:29	SW846 8260B	6090879
Diisopropyl Ether	ND		ug/L	0.500	1	09/06/06 06:29	SW846 8260B	6090879
Ethylbenzene	ND		ug/L	0.500	1	09/06/06 06:29	SW846 8260B	6090879
Methyl tert-Butyl Ether	<b>33.0</b>		ug/L	0.500	1	09/06/06 06:29	SW846 8260B	6090879
Toluene	ND		ug/L	0.500	1	09/06/06 06:29	SW846 8260B	6090879
Tertiary Butyl Alcohol	<b>30700</b>		ug/L	1000	100	09/06/06 23:55	SW846 8260B	6091068
Xylenes, total	ND		ug/L	0.500	1	09/06/06 06:29	SW846 8260B	6090879
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>105 %</i>					<i>09/06/06 06:29</i>	<i>SW846 8260B</i>	<i>6090879</i>
<i>Surr: Dibromofluoromethane (79-122%)</i>	<i>111 %</i>					<i>09/06/06 06:29</i>	<i>SW846 8260B</i>	<i>6090879</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>86 %</i>					<i>09/06/06 06:29</i>	<i>SW846 8260B</i>	<i>6090879</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>98 %</i>					<i>09/06/06 06:29</i>	<i>SW846 8260B</i>	<i>6090879</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	<b>812</b>		ug/L	50.0	1	09/06/06 06:29	CA LUFT GC/MS	6090879
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	<b>85.6</b>		ug/L	47.6	1	08/31/06 21:52	SW846 8015B	6085538
<i>Surr: o-Terphenyl (55-150%)</i>	<i>72 %</i>					<i>08/31/06 21:52</i>	<i>SW846 8015B</i>	<i>6085538</i>
<b>Sample ID: NPH3646-02 (MW-2 - Water) Sampled: 08/24/06 10:05</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/06/06 06:53	SW846 8260B	6090879
Benzene	ND		ug/L	0.500	1	09/06/06 06:53	SW846 8260B	6090879
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/06/06 06:53	SW846 8260B	6090879
Diisopropyl Ether	ND		ug/L	0.500	1	09/06/06 06:53	SW846 8260B	6090879
Ethylbenzene	ND		ug/L	0.500	1	09/06/06 06:53	SW846 8260B	6090879
Methyl tert-Butyl Ether	<b>2.82</b>		ug/L	0.500	1	09/06/06 06:53	SW846 8260B	6090879
Toluene	ND		ug/L	0.500	1	09/06/06 06:53	SW846 8260B	6090879
Tertiary Butyl Alcohol	<b>4070</b>		ug/L	100	10	09/07/06 00:20	SW846 8260B	6091068
Xylenes, total	ND		ug/L	0.500	1	09/06/06 06:53	SW846 8260B	6090879
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>100 %</i>					<i>09/06/06 06:53</i>	<i>SW846 8260B</i>	<i>6090879</i>
<i>Surr: Dibromofluoromethane (79-122%)</i>	<i>106 %</i>					<i>09/06/06 06:53</i>	<i>SW846 8260B</i>	<i>6090879</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>84 %</i>					<i>09/06/06 06:53</i>	<i>SW846 8260B</i>	<i>6090879</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>99 %</i>					<i>09/06/06 06:53</i>	<i>SW846 8260B</i>	<i>6090879</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	09/06/06 06:53	CA LUFT GC/MS	6090879
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		ug/L	46.9	1	08/31/06 22:11	SW846 8015B	6085538
<i>Surr: o-Terphenyl (55-150%)</i>	<i>82 %</i>					<i>08/31/06 22:11</i>	<i>SW846 8015B</i>	<i>6085538</i>

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPH3646
	175 Bernal Rd., Suite 200	Project Name:	8999 San Ramon Rd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135244
Attn	Heather Buckingham	Received:	08/26/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPH3646-03 (MW-3 - Water) Sampled: 08/24/06 09:01</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/06/06 07:18	SW846 8260B	6090879
Benzene	ND		ug/L	0.500	1	09/06/06 07:18	SW846 8260B	6090879
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/06/06 07:18	SW846 8260B	6090879
Diisopropyl Ether	ND		ug/L	0.500	1	09/06/06 07:18	SW846 8260B	6090879
Ethylbenzene	ND		ug/L	0.500	1	09/06/06 07:18	SW846 8260B	6090879
Methyl tert-Butyl Ether	<b>3.11</b>		ug/L	0.500	1	09/06/06 07:18	SW846 8260B	6090879
Toluene	ND		ug/L	0.500	1	09/06/06 07:18	SW846 8260B	6090879
Tertiary Butyl Alcohol	<b>661</b>		ug/L	10.0	1	09/06/06 07:18	SW846 8260B	6090879
Xylenes, total	ND		ug/L	0.500	1	09/06/06 07:18	SW846 8260B	6090879
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>103 %</i>					<i>09/06/06 07:18</i>	<i>SW846 8260B</i>	<i>6090879</i>
<i>Surr: Dibromofluoromethane (79-122%)</i>	<i>109 %</i>					<i>09/06/06 07:18</i>	<i>SW846 8260B</i>	<i>6090879</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>86 %</i>					<i>09/06/06 07:18</i>	<i>SW846 8260B</i>	<i>6090879</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>106 %</i>					<i>09/06/06 07:18</i>	<i>SW846 8260B</i>	<i>6090879</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	09/06/06 07:18	CA LUFT GC/MS	6090879
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	<b>214</b>		ug/L	47.2	1	08/31/06 22:29	SW846 8015B	6085538
<i>Surr: o-Terphenyl (55-150%)</i>	<i>33 %</i>	<i>ZX</i>				<i>08/31/06 22:29</i>	<i>SW846 8015B</i>	<i>6085538</i>

## Sample ID: NPH3646-04 (MW-4 - Water) Sampled: 08/24/06 13:30

Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether								
Benzene								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/06/06 07:42	SW846 8260B	6090879
Benzene	ND		ug/L	0.500	1	09/06/06 07:42	SW846 8260B	6090879
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/06/06 07:42	SW846 8260B	6090879
Diisopropyl Ether	ND		ug/L	0.500	1	09/06/06 07:42	SW846 8260B	6090879
Ethylbenzene	ND		ug/L	0.500	1	09/06/06 07:42	SW846 8260B	6090879
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	09/06/06 07:42	SW846 8260B	6090879
Toluene	ND		ug/L	0.500	1	09/06/06 07:42	SW846 8260B	6090879
Tertiary Butyl Alcohol	<b>78.3</b>		ug/L	10.0	1	09/06/06 07:42	SW846 8260B	6090879
Xylenes, total	ND		ug/L	0.500	1	09/06/06 07:42	SW846 8260B	6090879
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>100 %</i>					<i>09/06/06 07:42</i>	<i>SW846 8260B</i>	<i>6090879</i>
<i>Surr: Dibromofluoromethane (79-122%)</i>	<i>110 %</i>					<i>09/06/06 07:42</i>	<i>SW846 8260B</i>	<i>6090879</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>85 %</i>					<i>09/06/06 07:42</i>	<i>SW846 8260B</i>	<i>6090879</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>103 %</i>					<i>09/06/06 07:42</i>	<i>SW846 8260B</i>	<i>6090879</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	09/06/06 07:42	CA LUFT GC/MS	6090879
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		ug/L	47.2	1	08/31/06 22:47	SW846 8015B	6085538
<i>Surr: o-Terphenyl (55-150%)</i>	<i>78 %</i>					<i>08/31/06 22:47</i>	<i>SW846 8015B</i>	<i>6085538</i>

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	175 Bernal Rd., Suite 200	Project Name:	8999 San Ramon Rd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135244
Attn	Heather Buckingham	Received:	08/26/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPH3646-05 (MW-5 - Water) Sampled: 08/24/06 12:02</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/06/06 08:07	SW846 8260B	6090879
Benzene	ND		ug/L	0.500	1	09/06/06 08:07	SW846 8260B	6090879
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/06/06 08:07	SW846 8260B	6090879
Diisopropyl Ether	ND		ug/L	0.500	1	09/06/06 08:07	SW846 8260B	6090879
Ethylbenzene	ND		ug/L	0.500	1	09/06/06 08:07	SW846 8260B	6090879
Methyl tert-Butyl Ether	<b>3.33</b>		ug/L	0.500	1	09/06/06 08:07	SW846 8260B	6090879
Toluene	ND		ug/L	0.500	1	09/06/06 08:07	SW846 8260B	6090879
Tertiary Butyl Alcohol	<b>21.0</b>		ug/L	10.0	1	09/06/06 08:07	SW846 8260B	6090879
Xylenes, total	ND		ug/L	0.500	1	09/06/06 08:07	SW846 8260B	6090879
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	99 %					09/06/06 08:07	SW846 8260B	6090879
<i>Surr: Dibromofluoromethane (79-122%)</i>	109 %					09/06/06 08:07	SW846 8260B	6090879
<i>Surr: Toluene-d8 (78-121%)</i>	83 %					09/06/06 08:07	SW846 8260B	6090879
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	99 %					09/06/06 08:07	SW846 8260B	6090879
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	09/06/06 08:07	CA LUFT GC/MS	6090879
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	<b>108</b>		ug/L	47.2	1	08/31/06 23:43	SW846 8015B	6085538
<i>Surr: o-Terphenyl (55-150%)</i>	69 %					08/31/06 23:43	SW846 8015B	6085538
<b>Sample ID: NPH3646-06 (MW-6 - Water) Sampled: 08/24/06 13:40</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/06/06 08:31	SW846 8260B	6090879
Benzene	ND		ug/L	0.500	1	09/06/06 08:31	SW846 8260B	6090879
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/06/06 08:31	SW846 8260B	6090879
Diisopropyl Ether	ND		ug/L	0.500	1	09/06/06 08:31	SW846 8260B	6090879
Ethylbenzene	ND		ug/L	0.500	1	09/06/06 08:31	SW846 8260B	6090879
Methyl tert-Butyl Ether	<b>0.870</b>		ug/L	0.500	1	09/06/06 08:31	SW846 8260B	6090879
Toluene	ND		ug/L	0.500	1	09/06/06 08:31	SW846 8260B	6090879
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	09/06/06 08:31	SW846 8260B	6090879
Xylenes, total	ND		ug/L	0.500	1	09/06/06 08:31	SW846 8260B	6090879
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	103 %					09/06/06 08:31	SW846 8260B	6090879
<i>Surr: Dibromofluoromethane (79-122%)</i>	102 %					09/06/06 08:31	SW846 8260B	6090879
<i>Surr: Toluene-d8 (78-121%)</i>	83 %					09/06/06 08:31	SW846 8260B	6090879
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	105 %					09/06/06 08:31	SW846 8260B	6090879
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	09/06/06 08:31	CA LUFT GC/MS	6090879
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		ug/L	47.2	1	09/01/06 00:01	SW846 8015B	6085538
<i>Surr: o-Terphenyl (55-150%)</i>	78 %					09/01/06 00:01	SW846 8015B	6085538

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	San Jose, CA 95119	Project Number:	SAP 135244
Attn	Heather Buckingham	Received:	08/26/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPH3646-07 (MW-7 - Water) Sampled: 08/24/06 14:20</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/06/06 08:55	SW846 8260B	6090879
Benzene	ND		ug/L	0.500	1	09/06/06 08:55	SW846 8260B	6090879
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/06/06 08:55	SW846 8260B	6090879
Diisopropyl Ether	ND		ug/L	0.500	1	09/06/06 08:55	SW846 8260B	6090879
Ethylbenzene	ND		ug/L	0.500	1	09/06/06 08:55	SW846 8260B	6090879
Methyl tert-Butyl Ether	<b>2.63</b>		ug/L	0.500	1	09/06/06 08:55	SW846 8260B	6090879
Toluene	ND		ug/L	0.500	1	09/06/06 08:55	SW846 8260B	6090879
Tertiary Butyl Alcohol	<b>751</b>		ug/L	10.0	1	09/06/06 08:55	SW846 8260B	6090879
Xylenes, total	ND		ug/L	0.500	1	09/06/06 08:55	SW846 8260B	6090879
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>103 %</i>					<i>09/06/06 08:55</i>	<i>SW846 8260B</i>	<i>6090879</i>
<i>Surr: Dibromoformmethane (79-122%)</i>	<i>109 %</i>					<i>09/06/06 08:55</i>	<i>SW846 8260B</i>	<i>6090879</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>86 %</i>					<i>09/06/06 08:55</i>	<i>SW846 8260B</i>	<i>6090879</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>101 %</i>					<i>09/06/06 08:55</i>	<i>SW846 8260B</i>	<i>6090879</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	09/06/06 08:55	CA LUFT GC/MS	6090879
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		ug/L	47.2	1	09/01/06 00:19	SW846 8015B	6085538
<i>Surr: o-Terphenyl (55-150%)</i>	<i>28 %</i>	<i>ZX</i>				<i>09/01/06 00:19</i>	<i>SW846 8015B</i>	<i>6085538</i>
<b>Sample ID: NPH3646-08 (MW-8 - Water) Sampled: 08/24/06 11:30</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/07/06 01:08	SW846 8260B	6091068
Benzene	ND		ug/L	0.500	1	09/07/06 01:08	SW846 8260B	6091068
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/07/06 01:08	SW846 8260B	6091068
Diisopropyl Ether	ND		ug/L	0.500	1	09/07/06 01:08	SW846 8260B	6091068
Ethylbenzene	ND		ug/L	0.500	1	09/07/06 01:08	SW846 8260B	6091068
Methyl tert-Butyl Ether	<b>4.62</b>		ug/L	0.500	1	09/07/06 01:08	SW846 8260B	6091068
Toluene	ND		ug/L	0.500	1	09/07/06 01:08	SW846 8260B	6091068
Tertiary Butyl Alcohol	<b>6610</b>		ug/L	100	10	09/07/06 14:41	SW846 8260B	6091267
Xylenes, total	ND		ug/L	0.500	1	09/07/06 01:08	SW846 8260B	6091068
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>106 %</i>					<i>09/07/06 01:08</i>	<i>SW846 8260B</i>	<i>6091068</i>
<i>Surr: Dibromoformmethane (79-122%)</i>	<i>104 %</i>					<i>09/07/06 01:08</i>	<i>SW846 8260B</i>	<i>6091068</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>103 %</i>					<i>09/07/06 01:08</i>	<i>SW846 8260B</i>	<i>6091068</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>101 %</i>					<i>09/07/06 01:08</i>	<i>SW846 8260B</i>	<i>6091068</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	<b>110</b>		ug/L	50.0	1	09/07/06 01:08	CA LUFT GC/MS	6091068
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	<b>74.5</b>		ug/L	47.2	1	09/01/06 00:38	SW846 8015B	6085538
<i>Surr: o-Terphenyl (55-150%)</i>	<i>54 %</i>	<i>CF6, Z6</i>				<i>09/01/06 00:38</i>	<i>SW846 8015B</i>	<i>6085538</i>

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPH3646
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Attn	Heather Buckingham	Received:	08/26/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPH3646-09 (MW-9 - Water) Sampled: 08/24/06 10:40</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/07/06 01:32	SW846 8260B	6091068
Benzene	ND		ug/L	0.500	1	09/07/06 01:32	SW846 8260B	6091068
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/07/06 01:32	SW846 8260B	6091068
Diisopropyl Ether	ND		ug/L	0.500	1	09/07/06 01:32	SW846 8260B	6091068
Ethylbenzene	ND		ug/L	0.500	1	09/07/06 01:32	SW846 8260B	6091068
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	09/07/06 01:32	SW846 8260B	6091068
Toluene	ND		ug/L	0.500	1	09/07/06 01:32	SW846 8260B	6091068
Tertiary Butyl Alcohol	<b>86.8</b>		ug/L	10.0	1	09/07/06 01:32	SW846 8260B	6091068
Xylenes, total	ND		ug/L	0.500	1	09/07/06 01:32	SW846 8260B	6091068
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>107 %</i>					<i>09/07/06 01:32</i>	<i>SW846 8260B</i>	<i>6091068</i>
<i>Surr: Dibromofluoromethane (79-122%)</i>	<i>105 %</i>					<i>09/07/06 01:32</i>	<i>SW846 8260B</i>	<i>6091068</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>103 %</i>					<i>09/07/06 01:32</i>	<i>SW846 8260B</i>	<i>6091068</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>101 %</i>					<i>09/07/06 01:32</i>	<i>SW846 8260B</i>	<i>6091068</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	09/07/06 01:32	CA LUFT GC/MS	6091068
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	<b>69.9</b>	S10	ug/L	47.2	1	09/01/06 00:56	SW846 8015B	6085538
<i>Surr: o-Terphenyl (55-150%)</i>	<i>54 %</i>	<i>Z6</i>				<i>09/01/06 00:56</i>	<i>SW846 8015B</i>	<i>6085538</i>
<b>Sample ID: NPH3646-10 (MW-10 - Water) Sampled: 08/24/06 12:27</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/07/06 01:57	SW846 8260B	6091068
Benzene	<b>1.04</b>		ug/L	0.500	1	09/07/06 01:57	SW846 8260B	6091068
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/07/06 01:57	SW846 8260B	6091068
Diisopropyl Ether	ND		ug/L	0.500	1	09/07/06 01:57	SW846 8260B	6091068
Ethylbenzene	<b>1.22</b>		ug/L	0.500	1	09/07/06 01:57	SW846 8260B	6091068
Methyl tert-Butyl Ether	<b>12.4</b>		ug/L	0.500	1	09/07/06 01:57	SW846 8260B	6091068
Toluene	ND		ug/L	0.500	1	09/07/06 01:57	SW846 8260B	6091068
Tertiary Butyl Alcohol	<b>5740</b>		ug/L	100	10	09/07/06 15:08	SW846 8260B	6091267
Xylenes, total	ND		ug/L	0.500	1	09/07/06 01:57	SW846 8260B	6091068
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>107 %</i>					<i>09/07/06 01:57</i>	<i>SW846 8260B</i>	<i>6091068</i>
<i>Surr: Dibromofluoromethane (79-122%)</i>	<i>105 %</i>					<i>09/07/06 01:57</i>	<i>SW846 8260B</i>	<i>6091068</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>103 %</i>					<i>09/07/06 01:57</i>	<i>SW846 8260B</i>	<i>6091068</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>101 %</i>					<i>09/07/06 01:57</i>	<i>SW846 8260B</i>	<i>6091068</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	<b>626</b>		ug/L	50.0	1	09/07/06 01:57	CA LUFT GC/MS	6091068
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	<b>100</b>		ug/L	47.2	1	09/01/06 01:15	SW846 8015B	6085538
<i>Surr: o-Terphenyl (55-150%)</i>	<i>49 %</i>	<i>CF6, ZX</i>				<i>09/01/06 01:15</i>	<i>SW846 8015B</i>	<i>6085538</i>

Client Delta Env. Consultants (San Jose) / SHELL (13653)  
 175 Bernal Rd., Suite 200  
 San Jose, CA 95119  
 Attn Heather Buckingham

Work Order: NPH3646  
 Project Name: 8999 San Ramon Rd, Dublin, CA  
 Project Number: SAP 135244  
 Received: 08/26/06 08:00

## SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons with Silica Gel Treatment							
SW846 8015B	6085538	NPH3646-01	1050.00	1.00	08/28/06 14:10	KLG	EPA 3510C
SW846 8015B	6085538	NPH3646-02	1065.00	1.00	08/28/06 14:10	KLG	EPA 3510C
SW846 8015B	6085538	NPH3646-03	1060.00	1.00	08/28/06 14:10	KLG	EPA 3510C
SW846 8015B	6090509	NPH3646-03RE1	1050.00	1.00	09/05/06 10:30	DRH	EPA 3510C
SW846 8015B	6085538	NPH3646-04	1060.00	1.00	08/28/06 14:10	KLG	EPA 3510C
SW846 8015B	6085538	NPH3646-05	1060.00	1.00	08/28/06 14:10	KLG	EPA 3510C
SW846 8015B	6085538	NPH3646-06	1060.00	1.00	08/28/06 14:10	KLG	EPA 3510C
SW846 8015B	6085538	NPH3646-07	1060.00	1.00	08/28/06 14:10	KLG	EPA 3510C
SW846 8015B	6090509	NPH3646-07RE1	1050.00	1.00	09/05/06 10:30	DRH	EPA 3510C
SW846 8015B	6085538	NPH3646-08	1060.00	1.00	08/28/06 14:10	KLG	EPA 3510C
SW846 8015B	6090509	NPH3646-08RE1	1050.00	1.00	09/05/06 10:30	DRH	EPA 3510C
SW846 8015B	6085538	NPH3646-09	1060.00	1.00	08/28/06 14:10	KLG	EPA 3510C
SW846 8015B	6085538	NPH3646-10	1060.00	1.00	08/28/06 14:10	KLG	EPA 3510C
SW846 8015B	6090509	NPH3646-10RE1	1050.00	1.00	09/05/06 10:30	DRH	EPA 3510C

Client Delta Env. Consultants (San Jose) / SHELL (13653)  
 175 Bernal Rd., Suite 200  
 San Jose, CA 95119  
 Attn Heather Buckingham

Work Order: NPH3646  
 Project Name: 8999 San Ramon Rd, Dublin, CA  
 Project Number: SAP 135244  
 Received: 08/26/06 08:00

**PROJECT QUALITY CONTROL DATA**  
**Blank**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>						
<b>6090879-BLK1</b>						
Tert-Amyl Methyl Ether	<0.200		ug/L	6090879	6090879-BLK1	09/06/06 01:12
Benzene	<0.200		ug/L	6090879	6090879-BLK1	09/06/06 01:12
Ethyl tert-Butyl Ether	<0.200		ug/L	6090879	6090879-BLK1	09/06/06 01:12
Diisopropyl Ether	<0.200		ug/L	6090879	6090879-BLK1	09/06/06 01:12
Ethylbenzene	<0.200		ug/L	6090879	6090879-BLK1	09/06/06 01:12
Methyl tert-Butyl Ether	<0.200		ug/L	6090879	6090879-BLK1	09/06/06 01:12
Toluene	<0.200		ug/L	6090879	6090879-BLK1	09/06/06 01:12
Tertiary Butyl Alcohol	<5.06		ug/L	6090879	6090879-BLK1	09/06/06 01:12
Xylenes, total	<0.350		ug/L	6090879	6090879-BLK1	09/06/06 01:12
Surrogate: 1,2-Dichloroethane-d4	97%			6090879	6090879-BLK1	09/06/06 01:12
Surrogate: 1,2-Dichloroethane-d4	97%			6090879	6090879-BLK1	09/06/06 01:12
Surrogate: Dibromofluoromethane	104%			6090879	6090879-BLK1	09/06/06 01:12
Surrogate: Dibromofluoromethane	104%			6090879	6090879-BLK1	09/06/06 01:12
Surrogate: Toluene-d8	87%			6090879	6090879-BLK1	09/06/06 01:12
Surrogate: Toluene-d8	87%			6090879	6090879-BLK1	09/06/06 01:12
Surrogate: 4-Bromo fluoro benzene	106%			6090879	6090879-BLK1	09/06/06 01:12
Surrogate: 4-Bromo fluoro benzene	106%			6090879	6090879-BLK1	09/06/06 01:12
<b>6091068-BLK1</b>						
Tert-Amyl Methyl Ether	<0.200		ug/L	6091068	6091068-BLK1	09/06/06 21:54
Benzene	<0.200		ug/L	6091068	6091068-BLK1	09/06/06 21:54
Ethyl tert-Butyl Ether	<0.200		ug/L	6091068	6091068-BLK1	09/06/06 21:54
Diisopropyl Ether	<0.200		ug/L	6091068	6091068-BLK1	09/06/06 21:54
Ethylbenzene	<0.200		ug/L	6091068	6091068-BLK1	09/06/06 21:54
Methyl tert-Butyl Ether	<0.200		ug/L	6091068	6091068-BLK1	09/06/06 21:54
Toluene	<0.200		ug/L	6091068	6091068-BLK1	09/06/06 21:54
Tertiary Butyl Alcohol	<5.06		ug/L	6091068	6091068-BLK1	09/06/06 21:54
Xylenes, total	<0.350		ug/L	6091068	6091068-BLK1	09/06/06 21:54
Surrogate: 1,2-Dichloroethane-d4	106%			6091068	6091068-BLK1	09/06/06 21:54
Surrogate: 1,2-Dichloroethane-d4	106%			6091068	6091068-BLK1	09/06/06 21:54
Surrogate: Dibromofluoromethane	105%			6091068	6091068-BLK1	09/06/06 21:54
Surrogate: Dibromofluoromethane	105%			6091068	6091068-BLK1	09/06/06 21:54
Surrogate: Toluene-d8	103%			6091068	6091068-BLK1	09/06/06 21:54
Surrogate: Toluene-d8	103%			6091068	6091068-BLK1	09/06/06 21:54
Surrogate: 4-Bromo fluoro benzene	101%			6091068	6091068-BLK1	09/06/06 21:54
Surrogate: 4-Bromo fluoro benzene	101%			6091068	6091068-BLK1	09/06/06 21:54
<b>6091267-BLK1</b>						
Tert-Amyl Methyl Ether	<0.200		ug/L	6091267	6091267-BLK1	09/07/06 14:16
Ethyl tert-Butyl Ether	<0.200		ug/L	6091267	6091267-BLK1	09/07/06 14:16
Diisopropyl Ether	<0.200		ug/L	6091267	6091267-BLK1	09/07/06 14:16
Methyl tert-Butyl Ether	<0.200		ug/L	6091267	6091267-BLK1	09/07/06 14:16

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPH3646
	175 Bernal Rd., Suite 200	Project Name:	8999 San Ramon Rd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135244
Attn	Heather Buckingham	Received:	08/26/06 08:00

**PROJECT QUALITY CONTROL DATA**  
**Blank - Cont.**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>						
<b>6091267-BLK1</b>						
Tertiary Butyl Alcohol	<5.06		ug/L	6091267	6091267-BLK1	09/07/06 14:16
Surrogate: 1,2-Dichloroethane-d4	107%			6091267	6091267-BLK1	09/07/06 14:16
Surrogate: Dibromofluoromethane	105%			6091267	6091267-BLK1	09/07/06 14:16
Surrogate: Toluene-d8	102%			6091267	6091267-BLK1	09/07/06 14:16
Surrogate: 4-Bromofluorobenzene	100%			6091267	6091267-BLK1	09/07/06 14:16
<b>Purgeable Petroleum Hydrocarbons</b>						
<b>6090879-BLK1</b>						
Gasoline Range Organics	<50.0		ug/L	6090879	6090879-BLK1	09/06/06 01:12
Surrogate: 1,2-Dichloroethane-d4	97%			6090879	6090879-BLK1	09/06/06 01:12
Surrogate: Dibromofluoromethane	104%			6090879	6090879-BLK1	09/06/06 01:12
Surrogate: Toluene-d8	87%			6090879	6090879-BLK1	09/06/06 01:12
Surrogate: 4-Bromofluorobenzene	106%			6090879	6090879-BLK1	09/06/06 01:12
<b>6091068-BLK1</b>						
Gasoline Range Organics	<50.0		ug/L	6091068	6091068-BLK1	09/06/06 21:54
Surrogate: 1,2-Dichloroethane-d4	106%			6091068	6091068-BLK1	09/06/06 21:54
Surrogate: Dibromofluoromethane	105%			6091068	6091068-BLK1	09/06/06 21:54
Surrogate: Toluene-d8	103%			6091068	6091068-BLK1	09/06/06 21:54
Surrogate: 4-Bromofluorobenzene	101%			6091068	6091068-BLK1	09/06/06 21:54
<b>Extractable Petroleum Hydrocarbons with Silica Gel Treatment</b>						
<b>6085538-BLK1</b>						
Diesel	<33.0		ug/L	6085538	6085538-BLK1	08/31/06 18:49
Surrogate: o-Terphenyl	78%			6085538	6085538-BLK1	08/31/06 18:49

Client Delta Env. Consultants (San Jose) / SHELL (13653)  
 175 Bernal Rd., Suite 200  
 San Jose, CA 95119  
 Attn Heather Buckingham

Work Order: NPH3646  
 Project Name: 8999 San Ramon Rd, Dublin, CA  
 Project Number: SAP 135244  
 Received: 08/26/06 08:00

## PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>								
<b>6090879-BS1</b>								
Tert-Amyl Methyl Ether	50.0	59.0		ug/L	118%	56 - 145	6090879	09/05/06 23:59
Benzene	50.0	59.2		ug/L	118%	79 - 123	6090879	09/05/06 23:59
Ethyl tert-Butyl Ether	50.0	60.0		ug/L	120%	64 - 141	6090879	09/05/06 23:59
Diisopropyl Ether	50.0	55.8		ug/L	112%	73 - 135	6090879	09/05/06 23:59
Ethylbenzene	50.0	50.2		ug/L	100%	79 - 125	6090879	09/05/06 23:59
Methyl tert-Butyl Ether	50.0	58.2		ug/L	116%	66 - 142	6090879	09/05/06 23:59
Toluene	50.0	46.2		ug/L	92%	78 - 122	6090879	09/05/06 23:59
Tertiary Butyl Alcohol	500	559		ug/L	112%	42 - 154	6090879	09/05/06 23:59
Xylenes, total	150	159		ug/L	106%	79 - 130	6090879	09/05/06 23:59
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	47.9			96%	70 - 130	6090879	09/05/06 23:59
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	47.9			96%	70 - 130	6090879	09/05/06 23:59
<i>Surrogate: Dibromofluoromethane</i>	50.0	49.9			100%	79 - 122	6090879	09/05/06 23:59
<i>Surrogate: Dibromofluoromethane</i>	50.0	49.9			100%	79 - 122	6090879	09/05/06 23:59
<i>Surrogate: Toluene-d8</i>	50.0	42.1			84%	78 - 121	6090879	09/05/06 23:59
<i>Surrogate: Toluene-d8</i>	50.0	42.1			84%	78 - 121	6090879	09/05/06 23:59
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	51.2			102%	78 - 126	6090879	09/05/06 23:59
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	51.2			102%	78 - 126	6090879	09/05/06 23:59
<b>6091068-BS1</b>								
Tert-Amyl Methyl Ether	50.0	53.2		ug/L	106%	56 - 145	6091068	09/06/06 20:41
Benzene	50.0	50.2		ug/L	100%	79 - 123	6091068	09/06/06 20:41
Ethyl tert-Butyl Ether	50.0	52.0		ug/L	104%	64 - 141	6091068	09/06/06 20:41
Diisopropyl Ether	50.0	52.0		ug/L	104%	73 - 135	6091068	09/06/06 20:41
Ethylbenzene	50.0	50.3		ug/L	101%	79 - 125	6091068	09/06/06 20:41
Methyl tert-Butyl Ether	50.0	50.9		ug/L	102%	66 - 142	6091068	09/06/06 20:41
Toluene	50.0	48.7		ug/L	97%	78 - 122	6091068	09/06/06 20:41
Tertiary Butyl Alcohol	500	520		ug/L	104%	42 - 154	6091068	09/06/06 20:41
Xylenes, total	150	153		ug/L	102%	79 - 130	6091068	09/06/06 20:41
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	51.8			104%	70 - 130	6091068	09/06/06 20:41
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	51.8			104%	70 - 130	6091068	09/06/06 20:41
<i>Surrogate: Dibromofluoromethane</i>	50.0	52.6			105%	79 - 122	6091068	09/06/06 20:41
<i>Surrogate: Dibromofluoromethane</i>	50.0	52.6			105%	79 - 122	6091068	09/06/06 20:41
<i>Surrogate: Toluene-d8</i>	50.0	51.5			103%	78 - 121	6091068	09/06/06 20:41
<i>Surrogate: Toluene-d8</i>	50.0	51.5			103%	78 - 121	6091068	09/06/06 20:41
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	50.2			100%	78 - 126	6091068	09/06/06 20:41
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	50.2			100%	78 - 126	6091068	09/06/06 20:41
<b>6091267-BS1</b>								
Tert-Amyl Methyl Ether	50.0	52.3		ug/L	105%	56 - 145	6091267	09/07/06 13:03
Ethyl tert-Butyl Ether	50.0	51.4		ug/L	103%	64 - 141	6091267	09/07/06 13:03
Diisopropyl Ether	50.0	51.2		ug/L	102%	73 - 135	6091267	09/07/06 13:03
Methyl tert-Butyl Ether	50.0	50.8		ug/L	102%	66 - 142	6091267	09/07/06 13:03

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPH3646
	175 Bernal Rd., Suite 200	Project Name:	8999 San Ramon Rd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135244
Attn	Heather Buckingham	Received:	08/26/06 08:00

**PROJECT QUALITY CONTROL DATA**  
**LCS - Cont.**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>								
<b>6091267-BS1</b>								
Tertiary Butyl Alcohol	500	505		ug/L	101%	42 - 154	6091267	09/07/06 13:03
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	52.1			104%	70 - 130	6091267	09/07/06 13:03
<i>Surrogate: Dibromofluoromethane</i>	50.0	52.5			105%	79 - 122	6091267	09/07/06 13:03
<i>Surrogate: Toluene-d8</i>	50.0	51.2			102%	78 - 121	6091267	09/07/06 13:03
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	49.7			99%	78 - 126	6091267	09/07/06 13:03
<b>Purgeable Petroleum Hydrocarbons</b>								
<b>6090879-BS1</b>								
Gasoline Range Organics	3050	2680		ug/L	88%	67 - 130	6090879	09/05/06 23:59
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	47.9			96%	70 - 130	6090879	09/05/06 23:59
<i>Surrogate: Dibromofluoromethane</i>	50.0	49.9			100%	70 - 130	6090879	09/05/06 23:59
<i>Surrogate: Toluene-d8</i>	50.0	42.1			84%	70 - 130	6090879	09/05/06 23:59
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	51.2			102%	70 - 130	6090879	09/05/06 23:59
<b>6091068-BS1</b>								
Gasoline Range Organics	3050	3190		ug/L	105%	67 - 130	6091068	09/06/06 20:41
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	51.8			104%	70 - 130	6091068	09/06/06 20:41
<i>Surrogate: Dibromofluoromethane</i>	50.0	52.6			105%	70 - 130	6091068	09/06/06 20:41
<i>Surrogate: Toluene-d8</i>	50.0	51.5			103%	70 - 130	6091068	09/06/06 20:41
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	50.2			100%	70 - 130	6091068	09/06/06 20:41
<b>Extractable Petroleum Hydrocarbons with Silica Gel Treatment</b>								
<b>6085538-BS1</b>								
Diesel	1000	773		ug/L	77%	49 - 118	6085538	08/31/06 19:07
<i>Surrogate: o-Terphenyl</i>	20.0	16.2			81%	55 - 150	6085538	08/31/06 19:07

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPH3646
	175 Bernal Rd., Suite 200	Project Name:	8999 San Ramon Rd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135244
Attn	Heather Buckingham	Received:	08/26/06 08:00

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
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**Volatile Organic Compounds by EPA Method 8260B**
**6090879-MS1**

Tert-Amyl Methyl Ether	ND	64.1		ug/L	50.0	128%	45 - 155	6090879	NPH3547-02	09/06/06 09:44
Benzene	ND	69.5	M7	ug/L	50.0	139%	71 - 137	6090879	NPH3547-02	09/06/06 09:44
Ethyl tert-Butyl Ether	ND	63.8		ug/L	50.0	128%	57 - 148	6090879	NPH3547-02	09/06/06 09:44
Diisopropyl Ether	ND	63.3		ug/L	50.0	127%	67 - 143	6090879	NPH3547-02	09/06/06 09:44
Ethylbenzene	ND	57.2		ug/L	50.0	114%	72 - 139	6090879	NPH3547-02	09/06/06 09:44
Methyl tert-Butyl Ether	0.670	63.1		ug/L	50.0	125%	55 - 152	6090879	NPH3547-02	09/06/06 09:44
Toluene	ND	53.2		ug/L	50.0	106%	73 - 133	6090879	NPH3547-02	09/06/06 09:44
Tertiary Butyl Alcohol	1060	1.00E9	M7	ug/L	500	200000000%	19 - 183	6090879	NPH3547-02	09/06/06 09:44
Xylenes, total	ND	179		ug/L	150	119%	70 - 143	6090879	NPH3547-02	09/06/06 09:44
<i>Surrogate: 1,2-Dichloroethane-d4</i>		49.2		ug/L	50.0	98%	70 - 130	6090879	NPH3547-02	09/06/06 09:44
<i>Surrogate: 1,2-Dichloroethane-d4</i>		49.2		ug/L	50.0	98%	70 - 130	6090879	NPH3547-02	09/06/06 09:44
<i>Surrogate: Dibromofluoromethane</i>		52.2		ug/L	50.0	104%	79 - 122	6090879	NPH3547-02	09/06/06 09:44
<i>Surrogate: Dibromofluoromethane</i>		52.2		ug/L	50.0	104%	79 - 122	6090879	NPH3547-02	09/06/06 09:44
<i>Surrogate: Toluene-d8</i>		43.5		ug/L	50.0	87%	78 - 121	6090879	NPH3547-02	09/06/06 09:44
<i>Surrogate: Toluene-d8</i>		43.5		ug/L	50.0	87%	78 - 121	6090879	NPH3547-02	09/06/06 09:44
<i>Surrogate: 4-Bromofluorobenzene</i>		48.8		ug/L	50.0	98%	78 - 126	6090879	NPH3547-02	09/06/06 09:44
<i>Surrogate: 4-Bromofluorobenzene</i>		48.8		ug/L	50.0	98%	78 - 126	6090879	NPH3547-02	09/06/06 09:44

**6091267-MS1**

Tert-Amyl Methyl Ether	ND	56.5		ug/L	50.0	113%	45 - 155	6091267	NPH3818-01	09/07/06 23:16
Ethyl tert-Butyl Ether	ND	57.7		ug/L	50.0	115%	57 - 148	6091267	NPH3818-01	09/07/06 23:16
Diisopropyl Ether	ND	59.0		ug/L	50.0	118%	67 - 143	6091267	NPH3818-01	09/07/06 23:16
Methyl tert-Butyl Ether	6.36	62.7		ug/L	50.0	113%	55 - 152	6091267	NPH3818-01	09/07/06 23:16
Tertiary Butyl Alcohol	444	1140		ug/L	500	139%	19 - 183	6091267	NPH3818-01	09/07/06 23:16
<i>Surrogate: 1,2-Dichloroethane-d4</i>		51.8		ug/L	50.0	104%	70 - 130	6091267	NPH3818-01	09/07/06 23:16
<i>Surrogate: Dibromofluoromethane</i>		52.0		ug/L	50.0	104%	79 - 122	6091267	NPH3818-01	09/07/06 23:16
<i>Surrogate: Toluene-d8</i>		51.0		ug/L	50.0	102%	78 - 121	6091267	NPH3818-01	09/07/06 23:16
<i>Surrogate: 4-Bromofluorobenzene</i>		50.1		ug/L	50.0	100%	78 - 126	6091267	NPH3818-01	09/07/06 23:16

**Purgeable Petroleum Hydrocarbons**
**6090879-MS1**

Gasoline Range Organics	ND	2560		ug/L	3050	84%	60 - 140	6090879	NPH3547-02	09/06/06 09:44
<i>Surrogate: 1,2-Dichloroethane-d4</i>		49.2		ug/L	50.0	98%	0 - 200	6090879	NPH3547-02	09/06/06 09:44
<i>Surrogate: Dibromofluoromethane</i>		52.2		ug/L	50.0	104%	0 - 200	6090879	NPH3547-02	09/06/06 09:44
<i>Surrogate: Toluene-d8</i>		43.5		ug/L	50.0	87%	0 - 200	6090879	NPH3547-02	09/06/06 09:44
<i>Surrogate: 4-Bromofluorobenzene</i>		48.8		ug/L	50.0	98%	0 - 200	6090879	NPH3547-02	09/06/06 09:44

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPH3646
	175 Bernal Rd., Suite 200	Project Name:	8999 San Ramon Rd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135244
Attn	Heather Buckingham	Received:	08/26/06 08:00

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike Dup**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>6090879-MSD1</b>												
Tert-Amyl Methyl Ether	ND	70.5		ug/L	50.0	141%	45 - 155	10	24	6090879	NPH3547-02	09/06/06 10:08
Benzene	ND	73.8	M7	ug/L	50.0	148%	71 - 137	6	23	6090879	NPH3547-02	09/06/06 10:08
Ethyl tert-Butyl Ether	ND	71.0		ug/L	50.0	142%	57 - 148	11	22	6090879	NPH3547-02	09/06/06 10:08
Diisopropyl Ether	ND	69.3		ug/L	50.0	139%	67 - 143	9	22	6090879	NPH3547-02	09/06/06 10:08
Ethylbenzene	ND	59.9		ug/L	50.0	120%	72 - 139	5	23	6090879	NPH3547-02	09/06/06 10:08
Methyl tert-Butyl Ether	0.670	66.7		ug/L	50.0	132%	55 - 152	6	27	6090879	NPH3547-02	09/06/06 10:08
Toluene	ND	54.7		ug/L	50.0	109%	73 - 133	3	25	6090879	NPH3547-02	09/06/06 10:08
Tertiary Butyl Alcohol	1060	1.00E9	M7	ug/L	500	0000000	19 - 183	0	39	6090879	NPH3547-02	09/06/06 10:08
Xylenes, total	ND	185		ug/L	150	123%	70 - 143	3	27	6090879	NPH3547-02	09/06/06 10:08
Surrogate: 1,2-Dichloroethane-d4		49.2		ug/L	50.0	98%	70 - 130			6090879	NPH3547-02	09/06/06 10:08
Surrogate: 1,2-Dichloroethane-d4		49.2		ug/L	50.0	98%	70 - 130			6090879	NPH3547-02	09/06/06 10:08
Surrogate: Dibromofluoromethane		52.0		ug/L	50.0	104%	79 - 122			6090879	NPH3547-02	09/06/06 10:08
Surrogate: Dibromofluoromethane		52.0		ug/L	50.0	104%	79 - 122			6090879	NPH3547-02	09/06/06 10:08
Surrogate: Toluene-d8		41.8		ug/L	50.0	84%	78 - 121			6090879	NPH3547-02	09/06/06 10:08
Surrogate: Toluene-d8		41.8		ug/L	50.0	84%	78 - 121			6090879	NPH3547-02	09/06/06 10:08
Surrogate: 4-Bromofluorobenzene		49.8		ug/L	50.0	100%	78 - 126			6090879	NPH3547-02	09/06/06 10:08
Surrogate: 4-Bromofluorobenzene		49.8		ug/L	50.0	100%	78 - 126			6090879	NPH3547-02	09/06/06 10:08
<b>6091267-MSD1</b>												
Tert-Amyl Methyl Ether	ND	55.7		ug/L	50.0	111%	45 - 155	1	24	6091267	NPH3818-01	09/07/06 23:40
Ethyl tert-Butyl Ether	ND	56.6		ug/L	50.0	113%	57 - 148	2	22	6091267	NPH3818-01	09/07/06 23:40
Diisopropyl Ether	ND	57.9		ug/L	50.0	116%	67 - 143	2	22	6091267	NPH3818-01	09/07/06 23:40
Methyl tert-Butyl Ether	6.36	61.5		ug/L	50.0	110%	55 - 152	2	27	6091267	NPH3818-01	09/07/06 23:40
Tertiary Butyl Alcohol	444	1130		ug/L	500	137%	19 - 183	0.9	39	6091267	NPH3818-01	09/07/06 23:40
Surrogate: 1,2-Dichloroethane-d4		51.4		ug/L	50.0	103%	70 - 130			6091267	NPH3818-01	09/07/06 23:40
Surrogate: Dibromofluoromethane		51.9		ug/L	50.0	104%	79 - 122			6091267	NPH3818-01	09/07/06 23:40
Surrogate: Toluene-d8		50.9		ug/L	50.0	102%	78 - 121			6091267	NPH3818-01	09/07/06 23:40
Surrogate: 4-Bromofluorobenzene		50.2		ug/L	50.0	100%	78 - 126			6091267	NPH3818-01	09/07/06 23:40
<b>Purgeable Petroleum Hydrocarbons</b>												
<b>6090879-MSD1</b>												
Gasoline Range Organics	ND	2860		ug/L	3050	94%	60 - 140	11	40	6090879	NPH3547-02	09/06/06 10:08
Surrogate: 1,2-Dichloroethane-d4		49.2		ug/L	50.0	98%	0 - 200			6090879	NPH3547-02	09/06/06 10:08
Surrogate: Dibromofluoromethane		52.0		ug/L	50.0	104%	0 - 200			6090879	NPH3547-02	09/06/06 10:08
Surrogate: Toluene-d8		41.8		ug/L	50.0	84%	0 - 200			6090879	NPH3547-02	09/06/06 10:08
Surrogate: 4-Bromofluorobenzene		49.8		ug/L	50.0	100%	0 - 200			6090879	NPH3547-02	09/06/06 10:08

Client Delta Env. Consultants (San Jose) / SHELL (13653)  
175 Bernal Rd., Suite 200  
San Jose, CA 95119  
Attn Heather Buckingham

Work Order: NPH3646  
Project Name: 8999 San Ramon Rd, Dublin, CA  
Project Number: SAP 135244  
Received: 08/26/06 08:00

## CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	California
CA LUFT GC/MS	Water			X
NA	Water			
SW846 8015B	Water			
SW846 8260B	Water	N/A	X	X

Client Delta Env. Consultants (San Jose) / SHELL (13653)  
175 Bernal Rd., Suite 200  
San Jose, CA 95119  
Attn Heather Buckingham

Work Order: NPH3646  
Project Name: 8999 San Ramon Rd, Dublin, CA  
Project Number: SAP 135244  
Received: 08/26/06 08:00

## NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

<b>Method</b>	<b>Matrix</b>	<b>Analyte</b>
CA LUFT GC/MS	Water	Gasoline Range Organics
SW846 8015B	Water	Diesel

Client Delta Env. Consultants (San Jose) / SHELL (13653)  
175 Bernal Rd., Suite 200  
San Jose, CA 95119  
Attn Heather Buckingham

Work Order: NPH3646  
Project Name: 8999 San Ramon Rd, Dublin, CA  
Project Number: SAP 135244  
Received: 08/26/06 08:00

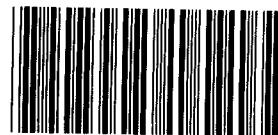
## DATA QUALIFIERS AND DEFINITIONS

- CF6** Results confirmed by reanalysis.  
**M7** The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).  
**S10** Insufficient sample available for reanalysis.  
**Z6** Surrogate recovery was below acceptance limits.  
**ZX** Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

## METHOD MODIFICATION NOTES

Nashville Division

## COOLER RECEIPT FORM



BC#

NPH3646

Cooler Received/Opened On 8/26/06 8:00

1. Indicate the Airbill Tracking Number (last 4 digits for FedEx only) and Name of Courier below: 7489

<input checked="" type="checkbox"/> Fed-Ex	<input type="checkbox"/> UPS	<input type="checkbox"/> Velocity	<input type="checkbox"/> DHL	<input type="checkbox"/> Route	<input type="checkbox"/> Off-street	<input type="checkbox"/> Misc.
--	------------------------------	-----------------------------------	------------------------------	--------------------------------	-------------------------------------	--------------------------------

2. Temperature of representative sample or temperature blank when opened: 5.2 Degrees Celsius  
(indicate IR Gun ID#)

NA	A00466	A00750	A01124	100190	101282	<input checked="" type="checkbox"/> 102594
----	--------	--------	--------	--------	--------	--

3. Were custody seals on outside of cooler?.....  YES... NO... NA

a. If yes, how many and where: 2 front

4. Were the seals intact, signed, and dated correctly?.....  YES... NO... NA

5. Were custody papers inside cooler?.....  YES... NO... NA

I certify that I opened the cooler and answered questions 1-5 (initial)..... 3R

6. Were custody seals on containers:	YES <input checked="" type="checkbox"/>	and Intact	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA
--------------------------------------	---	------------	--

were these signed, and dated correctly?.....  YES... NO... NA

7. What kind of packing material used?	Bubblewrap <input checked="" type="checkbox"/>	Peanuts <input type="checkbox"/>	Vermiculite <input type="checkbox"/>	Foam Insert <input type="checkbox"/>
--	--	----------------------------------	--------------------------------------	--------------------------------------

Plastic bag  Paper  Other \_\_\_\_\_ None

8. Cooling process: Ice Ice-pack  Ice (direct contact)  Dry ice  Other  None

9. Did all containers arrive in good condition (unbroken)?.....  YES... NO... NA

10. Were all container labels complete (#, date, signed, pres., etc)?.....  YES... NO... NA

11. Did all container labels and tags agree with custody papers?.....  YES... NO... NA

12. a. Were VOA vials received?.....  YES... NO... NA

b. Was there any observable head space present in any VOA vial?.....  YES... NO... NA

I certify that I unloaded the cooler and answered questions 6-12 (initial)..... 3R

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level?  YES... NO... NA

b. Did the bottle labels indicate that the correct preservatives were used?.....  YES... NO... NA

If preservation in-house was needed, record standard ID of preservative used here \_\_\_\_\_

14. Was residual chlorine present?.....  YES... NO... NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial)..... 3R

15. Were custody papers properly filled out (ink, signed, etc)?.....  YES... NO... NA

16. Did you sign the custody papers in the appropriate place?.....  YES... NO... NA

17. Were correct containers used for the analysis requested?.....  YES... NO... NA

18. Was sufficient amount of sample sent in each container?.....  YES... NO... NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial)..... 3R

I certify that I attached a label with the unique LIMS number to each container (initial)..... 3R

19. Were there Non-Conformance issues at login YES  Was a PIPE generated YES

BIS = Broken in shipment

Cooler Receipt Form

**Nashville Division**  
**COOLER RECEIPT FORM**

BC#

Cooler Received/Opened On 08/26/2006 @ 0800

1. Indicate the Airbill Tracking Number (last 4 digits for FedEx only) and Name of Courier below: 9712

<input checked="" type="checkbox"/> Fed-Ex	UPS	Velocity	DHL	Route	Off-street	Misc.
--	-----	----------	-----	-------	------------	-------

2. Temperature of representative sample or temperature blank when opened: 15 Degrees Celsius  
(indicate IR Gun ID#)

NA	A00466	A00750	A01124	100190	101282	<input checked="" type="checkbox"/> Raynger ST
----	--------	--------	--------	--------	--------	--

3. Were custody seals on outside of cooler?.....  
a. If yes, how many and where: 2 front

4. Were the seals intact, signed, and dated correctly?.....  
 YES...NO...NA

5. Were custody papers inside cooler?.....  
 YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial).....

6. Were custody seals on containers:      YES      NO      and Intact  
were these signed, and dated correctly?.....  
 YES...NO...NA

7. What kind of packing material used?      Bubblewrap      Peanuts      Vermiculite      Foam Insert

Plastic bag	Paper	Other _____	None
-------------	-------	-------------	------

8. Cooling process:      Ice      Ice-pack      Ice (direct contact)      Dry ice      Other      None

9. Did all containers arrive in good condition (unbroken)?.....  
 YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?.....  
 YES...NO...NA

11. Did all container labels and tags agree with custody papers?.....  
 YES...NO...NA

12. a. Were VOA vials received?.....  
 YES...NO...NA

b. Was there any observable head space present in any VOA vial?.....  
 YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial).....

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level?  YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used.....  
 YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here \_\_\_\_\_

14. Was residual chlorine present?.....  
 YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial).....

15. Were custody papers properly filled out (ink, signed, etc)?.....  
 YES...NO...NA

16. Did you sign the custody papers in the appropriate place?.....  
 YES...NO...NA

17. Were correct containers used for the analysis requested?.....  
 YES...NO...NA

18. Was sufficient amount of sample sent in each container?.....  
 YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial).....

I certify that I attached a label with the unique LIMS number to each container (initial).....

19. Were there Non-Conformance issues at login    YES    NO    Was a PIPE generated    YES    NO    # \_\_\_\_\_

# TestAmerica

ANALYTICAL TESTING CORPORATION

**Nashville Division**

**COOLER RECEIPT FORM**

BC#

Cooler Received/Opened On: August 26, 2006 @ 08:00

1. Indicate the Airbill Tracking Number (last 4 digits for FedEx only) and Name of Courier below: 8625

Fed-Ex	UPS	Velocity	DHL	Route	Off-street	Misc.
--------	-----	----------	-----	-------	------------	-------

2. Temperature of representative sample or temperature blank when opened: -0.9 Degrees Celsius  
(indicate IR Gun ID#)

NA	A00466	A00750	A01124	100190	101282	Raynger ST
----	--------	--------	--------	--------	--------	------------

3. Were custody seals on outside of cooler? ..... YES...NO...NA

a. If yes, how many and where: 1 - FRONT

4. Were the seals intact, signed, and dated correctly? ..... YES...NO...NA

5. Were custody papers inside cooler? ..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial)..... 36

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly? ..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag	Paper	Other _____	None
-------------	-------	-------------	------

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition ( unbroken)? ..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)? ..... YES...NO...NA

11. Did all container labels and tags agree with custody papers? ..... YES...NO...NA

12. a. Were VOA vials received? ..... YES...NO...NA

b. Was there any observable head space present in any VOA vial? ..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial)..... SPCG 74/29

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used? ..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here \_\_\_\_\_

14. Was residual chlorine present? ..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial).....

15. Were custody papers properly filled out (ink, signed, etc)? ..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place? ..... YES...NO...NA

17. Were correct containers used for the analysis requested? ..... YES...NO...NA

18. Was sufficient amount of sample sent in each container? ..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial).....

I certify that I attached a label with the unique LIMS number to each container (initial).....

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # \_\_\_\_\_

BIS = Broken in shipment

Cooler Receipt Form

## 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: Denis Brown

 ENVIRONMENTAL SERVICES NETWORK DEV / FE BILL CONSULTANT COMPLIANCE RMT/CRMT CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY)

9 7 5 6 5 9 9 5

PO #

SAP or CRMT #

DATE: 8/24/06

PAGE: 1 of 1

SAMPLING COMPANY LOG CODE

Blaine Tech Services

BTSS

ADDRESS

1680 Rogers Avenue, San Jose, CA 95112

PROJECT CONTACT (Hardcopy or PDF Report to)

Michael Ninokata

TELEPHONE FAX E-MAIL  
408-573-0555 408-573-7771 mminokata@blainetech.comTAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS):  RESULTS NEEDED  
 STD  5 DAY  3 DAY  2 DAY  24 HOURS 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

Run TPHd with Silica Gel Clean up

CC Lee Dooley [ldooley@deltaenv.com](mailto:ldooley@deltaenv.com) and Heather Buckingham  
[hbuckingham@deltaenv.com](mailto:hbuckingham@deltaenv.com) when sending final report.

SITE ADDRESS: Street and City

8999 San Ramon Road, Dublin

State

CA T0600159797

EDF DELIVERABLE TO (Name, Company, Office Location)

Lena Martinez, Delta, San Jose

PHONE NO

(408) 826-1861

E-MAIL

lmartinez@deltaenv.com

CONSULTANT PROJECT NO

BTS# 060824-JR1

SAMPLER NAME(S) (Print)

D. Raym /

LAB USE ONLY

REQUESTER

YSIS

NPH3646  
09/12/06 23:59

FIELD NOTES:

Container/Preservative  
or PID Readings  
or Laboratory Notes

5.2°V

TEMPERATURE ON RECEIPT C°

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.													
		DATE	TIME			TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (80/5M)	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 (80/5M)	Methanol (80/5M)
	MW-1	8/24/06	1355	W	5	X	X	X	X									NPH3646-01
	MW-2		1005	W	5	X	X	X	X									02
	MW-3		901	W	5	X	X	X	X									03
	MW-4		1330	W	5	X	X	X	X									04
	MW-5		1202	W	5	X	X	X	X									05
	MW-6		1340	W	5	X	X	X	X									06
	MW-7		1420	W	5	X	X	X	X									07
	MW-8		1130	W	5	X	X	X	X									08
	MW-9		1040	W	5	X	X	X	X									09
	MW-10		1227	W	5	X	X	X	X									10

Relinquished by (Signature)

Relinquished by (Signature)

Relinquished by (Signature)

Received by (Signature)

Received by (Signature)

Received by (Signature)

Date

8/24/06

Time

1538

Date

8/27/06

Time

1728

Date

8/24/06

Time

1825

JULIE NR. (MTH) 8/25/06 1400

1400

1400

1400

1400

1400

1400

1400

1400

1400

1400

# SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: 8/21  
 REC. BY (PRINT) CJ  
 WORKORDER:

DATE REC'D AT LAB: 8/21/04  
 TIME REC'D AT LAB: 1815  
 DATE LOGGED IN:

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

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / Absent Intact / Broken*			IMN-1	3vials 2 AMBER	HCl	-		8/21	
2. Chain-of-Custody Present / Absent*			-2						
3. Traffic Reports or Packing List: Present / Absent			-3						
4. Airbill: Airbill / Sticker Present / Absent			-4						
5. Airbill #:			-5						
6. Sample Labels: Present / Absent			-6						
7. Sample IDs: Listed / Not Listed on Chain-of-Custody			-7						
8. Sample Condition: Intact / Broken* / Leaking*			-8						
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*			-9	3vials 1AMBER					
10. Sample received within hold time? Yes / No*			-10						
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: Corrected Temp: Is corrected temp 4 +/- 2°C? Yes / No** (Acceptance range for samples requiring thermal pres.)	31°								
**Exception (if any): METALS / DFF ON ICE or Problem COC									

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

# **WELLHEAD INSPECTION CHECKLIST**

Page 1 of 1

Client 97565995 Date 8/24/06

Site Address 8999 Sam Ramon Rd. Dublin CA

Job Number 06C&Z4- DR1 Technician DR

**NOTES:** *See also* [Notes on the Sources](#).

## **WELLHEAD INSPECTION CHECKLIST**

Page 1 of 1

Client Shell Date 8/21/06

Site Address 8999 San Ramon Rd. Dublin CA

Job Number 060821- DR Technician DR

NOTES: MW-11 well is dry

## WELL GAUGING DATA

Project # 066824-DA1 Date 8/24/06 Client 9756 5995

Site 8999 San Ramon Rd. Dublin CA.

# SHELL WELL MONITORING DATA SHEET

BTS #: 060821-DR1	Site: 97565995
Sampler: DR	Date: 8/24/06
Well I.D.: MW-1	Well Diameter: 2 3 <input checked="" type="radio"/> 6 8
Total Well Depth (TD): 26.79	Depth to Water (DTW): 23.94
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 24.51	

Purge Method:	Wattera	Sampling Method:	X Bailer
Disposable Bailer	Peristaltic	Disposable Bailer	
Positive Air Displacement	Extraction Pump	Extraction Port	
Electric Submersible	Other _____	Dedicated Tubing	
		Other: _____	

1.9	(Gals.) X	3	=	5.7	Gals.
1 Case Volume	Specified Volumes		Calculated Volume		

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or uS)	Turbidity (NTUs)	Gals. Removed	Observations
1014	70.2	6.6	1072	220	1.9	cloudy
1017	69.7	6.6	1083	272	3.8	"
1020	69.8	6.6	1077	299	5.7	"
						DTW = 25.97

Did well dewater? Yes  Gallons actually evacuated: 5.7

Sampling Date: 8/24/06 Sampling Time: 1355 Depth to Water: 24.90

Sample I.D.: MW-1 Laboratory: STL Other  TA

Analyzed for: TPH-G BTEX MTBE TPH-D Other: Oxy's (E) by 8260

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd): Pre-purge: mg/L Post-purge: mg/L

O.R.P. (if req'd): Pre-purge: mV Post-purge: mV

# SHELL WELL MONITORING DATA SHEET

BTS #: 060821-DRI	Site: 97565995
Sampler: DR	Date: 8/24/06
Well I.D.: MW-2	Well Diameter: 2 3 4 6 8
Total Well Depth (TD): 26.88	Depth to Water (DTW): 24.60
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 25.06	

Purge Method:	<input checked="" type="checkbox"/> Bailer Disposable Bailer Positive Air Displacement Electric Submersible	Waterra Peristaltic Extraction Pump Other _____	Sampling Method:	<input checked="" type="checkbox"/> Bailer Disposable Bailer Extraction Port Dedicated Tubing
Other:				
1 Case Volume	1.5 (Gals.) X 3 Specified Volumes	= 4.5 Calculated Volume	Well Diameter Multiplier Well Diameter Multiplier	1" 0.04 4" 0.65 2" 0.16 6" 1.47 3" 0.37 Other radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
948	68.7	6.6	991	430	1.5	cloudy
951	69.1	6.6	996	361	3.0	"
954	68.9	6.6	1000	301	4.5	"

Did well dewater? Yes  No Gallons actually evacuated: 4.5

Sampling Date: 8/24/06 Sampling Time: 10:05 Depth to Water: 25.00

Sample I.D.: MW-2 Laboratory: STL Other  TA

Analyzed for: TPH-G BTEX MTBE TPH-D Other: Oxy's (S) by 8260

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd): Pre-purge: mg/L Post-purge: mg/L

O.R.P. (if req'd): Pre-purge: mV Post-purge: mV

# SHELL WELL MONITORING DATA SHEET

BTS #: 0608201-DRI	Site: 9756 5995
Sampler: DR	Date: 8/24/06
Well I.D.: MW-3	Well Diameter: 2 3 4 6 8
Total Well Depth (TD): 24.43	Depth to Water (DTW): 21.84
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC	Grade D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 22.36	

Purge Method:	Bailer	Water	Sampling Method:	Bailer																
Disposable Bailer		Peristaltic	Disposable Bailer																	
Positive Air Displacement		Extraction Pump	Extraction Port																	
Electric Submersible	Other _____		Dedicated Tubing																	
			Other:																	
$\frac{1.7 \text{ (Gals.)} \times 3}{\text{1 Case Volume}} = \frac{5.1 \text{ Gals.}}{\text{Specified Volumes}}$		<table border="1"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>			Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier																	
1"	0.04	4"	0.65																	
2"	0.16	6"	1.47																	
3"	0.37	Other	radius <sup>2</sup> * 0.163																	

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
838	68.0	6.5	10413	93	1.7	clear
845	68.4	6.5	976	87	3.4	"
849	68.6	6.5	958	74	5.1	"

Did well dewater? Yes No Gallons actually evacuated: 5.1

Sampling Date: 8/24/06 Sampling Time: 901 Depth to Water: 22.28

Sample I.D.: MW-3 Laboratory: STL Other TA

Analyzed for: TPH-G BTEX MTBE TPH-D Other: Oxy's (S) by 8200

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd): Pre-purge: mg/L Post-purge: mg/L

O.R.P. (if req'd): Pre-purge: mV Post-purge: mV

# SHELL WELL MONITORING DATA SHEET

BTS #: 060824-DRI	Site: 9756 5995	
Sampler: DR	Date: 8/24/06	
Well I.D.: MW-4	Well Diameter: 2 3 4 6 8	
Total Well Depth (TD): 26.60	Depth to Water (DTW): 22.50	
Depth to Free Product:	Thickness of Free Product (feet):	
Referenced to: PVC	Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 23.32		

Purge Method:	Bailer	Waterra	Sampling Method:	X Bailer
Disposable Bailer		Peristaltic	Disposable Bailer	
Positive Air Displacement		Extraction Pump	Extraction Port	
Electric Submersible		Other _____	Dedicated Tubing	
			Other: _____	

2.7	(Gals.) X	3	$= \frac{8.1}{}$	Gals.
1 Case Volume	Specified Volumes			

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or <del>µS</del> )	Turbidity (NTUs)	Gals. Removed	Observations
913	69.1	6.7	945	325	2.7	cloudy / slight odor
917	68.6	6.7	932	>1000	5.4	" "
921	68.9	6.6	917	>1000	8.1	" "
						DTW = 23.08

Did well dewater? Yes  No Gallons actually evacuated: 8.1

Sampling Date: 8/24/06 Sampling Time: 1330 Depth to Water: 23.54

Sample I.D.: MW-4 Laboratory: STL Other  TA

Analyzed for: TPH-G BTEX MTBE TPH-D Other: Oxy's (5) b,8200

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other: ✓

D.O. (if req'd): Pre-purge: mg/L Post-purge: mg/L

O.R.P. (if req'd): Pre-purge: mV Post-purge: mV

# SHELL WELL MONITORING DATA SHEET

BTS #: 060821-DR1	Site: 9756 S995
Sampler: DR	Date: 8/24/06
Well I.D.: MW-5	Well Diameter: 2 3 4 6 8
Total Well Depth (TD): 28.56	Depth to Water (DTW): 25.70
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: CVC Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 26.27	

Purge Method: <input type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input checked="" type="checkbox"/> Electric Submersible	Waterra Peristaltic Extraction Pump Other _____	Sampling Method: <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Extraction Port <input type="checkbox"/> Dedicated Tubing																
$\frac{1.9 \text{ (Gals.)} \times 3}{\text{1 Case Volume}} = 5.7 \text{ Gals.}$		<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td><math>\text{radius}^2 * 0.163</math></td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	$\text{radius}^2 * 0.163$
Well Diameter	Multiplier	Well Diameter	Multiplier															
1"	0.04	4"	0.65															
2"	0.16	6"	1.47															
3"	0.37	Other	$\text{radius}^2 * 0.163$															

Time	Temp (°F)	pH	Cond. (mS or <del>µS</del> )	Turbidity (NTUs)	Gals. Removed	Observations
1153	73.4	6.7	1023	>1000	1.9	cloudy
1153	75.1	6.7	1032	>1000	3.9	"
1154	75.8	6.7	1026	>1000	5.7	"

Did well dewater? Yes  Gallons actually evacuated: 5.7

Sampling Date: 8/24/06 Sampling Time: 1202 Depth to Water: 26.20

Sample I.D.: MW-5 Laboratory: STL Other  TA

Analyzed for: TPH-G BTEX MTBE TPH-D Other: Oxy's (5) b, 8260

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd): Pre-purge: mg/L Post-purge: mg/L

O.R.P. (if req'd): Pre-purge: mV Post-purge: mV

# SHELL WELL MONITORING DATA SHEET

BTS #: 060821-DRI	Site: 9756 5995	
Sampler: DR	Date: 8/24/06	
Well I.D.: MW-6	Well Diameter: 2 3 4 6 8	
Total Well Depth (TD): 28.71	Depth to Water (DTW): 23.69	
Depth to Free Product:	Thickness of Free Product (feet):	
Referenced to: PVC	Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 24.69		

Purge Method:  Bailer  Waterra  Sampling Method:  Bailer  
 Disposable Bailer  Peristaltic  Disposable Bailer  
 Positive Air Displacement  Extraction Pump  Extraction Port  
 Electric Submersible  Other  Dedicated Tubing

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or <del>µS</del> )	Turbidity (NTUs)	Gals. Removed	Observations
931	70.4	6.6	898	812	3.2	cloudy
932	70.6	6.6	897	>1000	6.4	"
933	70.3	6.6	906	>1000	9.6	"
						DTW = 26.01

Did well dewater? Yes  Gallons actually evacuated: 9.6

Sampling Date: 8/24/06 Sampling Time: 1340 Depth to Water: 23.74

Sample I.D.: MW-6 Laboratory: STL Other  TA

Analyzed for: TPH-G BTEX MTBE TPH-D Other: Oxy's (5) by 8260

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd): Pre-purge: mg/L Post-purge: mg/L

O.R.P. (if req'd): Pre-purge: mV Post-purge: mV

# SHELL WELL MONITORING DATA SHEET

BTS #: 060826-DR1	Site: 97565995
Sampler: DR	Date: 8/24/06
Well I.D.: MW-7	Well Diameter: 2 3 (4) 6 8
Total Well Depth (TD): 28.55	Depth to Water (DTW): 26.21
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 26.68	

Purge Method:	<input checked="" type="checkbox"/> Bailer Disposable Bailer Positive Air Displacement Electric Submersible	Waterra Peristaltic Extraction Pump Other _____	Sampling Method:	<input checked="" type="checkbox"/> Bailer Disposable Bailer Extraction Port Dedicated Tubing
			Other: _____	

<u>1.5</u>	(Gals.) X	<u>3</u>	=	<u>4.5</u>	Gals.																
1 Case Volume	Specified Volumes	Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </table>			Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier																		
1"	0.04	4"	0.65																		
2"	0.16	6"	1.47																		
3"	0.37	Other	radius <sup>2</sup> * 0.163																		

Time	Temp (°F)	pH	Cond. (mS or <u>15</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1102	70.1	7.0	1945	>1000	1.5	Disregard Pre-purge sample.
1103	70.1	7.0	1938	>1000	3.0	cloudy / silty
1106	70.1	7.0	1973	>1000	4.5	" "
						DTW = 27.87

Did well dewater? Yes  Gallons actually evacuated: 4.5

Sampling Date: 8/24/06 Sampling Time: Post Purge 1102 Post Purge 12h<sub>2</sub>O Depth to Water: 27.60

Sample I.D.: MW-7 Laboratory: STL Other TA

Analyzed for: TPH-G BTEX MTBE TPH-D Other: Oxy's (5) by 8260

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd): Pre-purge: mg/L Post-purge: mg/L

O.R.P. (if req'd): Pre-purge: mV Post-purge: mV

# SHELL WELL MONITORING DATA SHEET

BTS #: 0608201-DRI	Site: 9756 5995
Sampler: DR	Date: 8/24/06
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8
Total Well Depth (TD): 28.85	Depth to Water (DTW): 23.17
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 24.31	

Purge Method:	Bailer	Waterra	Sampling Method:	<input checked="" type="checkbox"/> Bailer
Disposable Bailer		Peristaltic	Disposable Bailer	
Positive Air Displacement		Extraction Pump	Extraction Port	
<input checked="" type="checkbox"/> Electric Submersible	Other _____	Other _____	Dedicated Tubing	
			Other: _____	

3.7	(Gals.) X	3	$= \frac{11.1}{}$	Gals.
1 Case Volume	Specified Volumes	Calculated Volume		

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or $\mu\text{S}$ )	Turbidity (NTUs)	Gals. Removed	Observations
1119	74.3	6.7	1039	160	3.7	<input checked="" type="checkbox"/> cloudy
1120	73.2	6.7	1045	> 1000	7.4	cloudy
at well dewatered at	7.5 gal.					DTW: 23.47
Fast	recharge rate - Took 10 min. to come up to 80%.					
1130	73.7	6.8	987	> 1000	—	cloudy

Did well dewater?  Yes No Gallons actually evacuated: 7.5

Sampling Date: 8/24/06 Sampling Time: 1130 Depth to Water: 24.30

Sample I.D.: MW-8 Laboratory: STL Other  TA

Analyzed for: TPH-G BTEX MTBE TPH-D Other: Oxy's (E) by 8260

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd): Pre-purge: mg/L Post-purge: mg/L

O.R.P. (if req'd): Pre-purge: mV Post-purge: mV

# SHELL WELL MONITORING DATA SHEET

BTS #: 060826-DR1	Site: 9756 S995
Sampler: DR	Date: 8/24/06
Well I.D.: MW-9	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): 28.93	Depth to Water (DTW): 28.75
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC	Grade D.O. Meter (if req'd): YSI HACH

DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:

Purge Method:	Waterra Disposable Bailer Positive Air Displacement Electric Submersible	Sampling Method:	X Bailer Disposable Bailer Extraction Port Dedicated Tubing
Other:	Other:	Other:	Other:
<input checked="" type="checkbox"/> Bailer			
Disposable Bailer	Peristaltic		Disposable Bailer
Positive Air Displacement	Extraction Pump		Extraction Port
Electric Submersible	Other _____		Dedicated Tubing
<u>0.4</u> 1 Case Volume	<u>3</u> Specified Volumes	<u>1.2</u> Calculated Volumes	<u>0.65</u> radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or <del>µS</del> )	Turbidity (NTUs)	Gals. Removed	Observations
Pre Purge <sup>10:40</sup>	72.9	7.1	2095	>1000	0.25 gal.	cloudy
End	Well dewatered while grabbing pre purge sample. DTW = 28.82					
	Did not get full bottle st. 1 L short.					
* Came back to well 3 1/2 hrs. later and depth was + 28.75						
Not enough water for purge sample.						

Did well dewater? Yes No Gallons actually evacuated: 0.25 gal.

Sampling Date: 8/24/06 Sampling Time: Pre Purge <sup>10:40</sup> Depth to Water:

Sample I.D.: MW-9 Laboratory: STL Other TA

Analyzed for: TPH-G BTEX MTBE TPH-D Other: Oxy's (5) by 8260

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

## SHELL WELL MONITORING DATA SHEET

BTS #: 060826-DR1	Site: 97565995
Sampler: DR	Date: 8/24/06
Well I.D.: MW-10	Well Diameter: 2 3 ④ 6 8
Total Well Depth (TD): 28.75	Depth to Water (DTW): 24.02
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: EVO	Grade D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 24.97	

Purge Method:	Bailer	Waterra	Sampling Method:	<input checked="" type="checkbox"/> Bailer
	Disposable Bailer	Peristaltic		Disposable Bailer
	Positive Air Displacement	Extraction Pump		Extraction Port
<input checked="" type="checkbox"/> Electric Submersible	Other _____			Dedicated Tubing
Other: _____				
<b>3.1</b>	(Gals.) X	<b>3</b>	=	<b>9.3</b> Gals.
1 Case Volume	Specified Volumes	Calculated Volume		

Did well dewater? Yes  No Gallons actually evacuated: 9.3

Sampling Date: 8/24/06 Sampling Time: 1227 Depth to Water: 241.83

Sample I.D.: MW-10 Laboratory: STL Other TA

Analyzed for: ~~TPH-G~~ ~~TPH-X~~ MTBE ~~TPH-D~~ Other: *Oxy's (E) b<sub>4</sub> 8260*

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

Plains Truck Services, Inc. 1680 Powers Ave., San Jose, CA 95112 (800) 545-7559

Blame Tech Services, Inc. 1000 Rogers Ave., San Jose, CA 95112 (800) 545-7558

# SHELL WELL MONITORING DATA SHEET

BTS #: 060821-DRI	Site: 9756 5995	
Sampler: DR	Date: 8/24/06	
Well I.D.: MW-11	Well Diameter: <input checked="" type="radio"/> 3 4 6 8	
Total Well Depth (TD): 28.5'	Depth to Water (DTW): DRY	
Depth to Free Product:	Thickness of Free Product (feet):	
Referenced to: PVC	Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:		

Purge Method:	Bailer	Waterra	Sampling Method:	<input checked="" type="checkbox"/> Bailer
Disposable Bailer		Peristaltic		Disposable Bailer
Positive Air Displacement		Extraction Pump		Extraction Port
Electric Submersible		Other		Dedicated Tubing
			Other:	

(Gals.) X	<u>3</u>	Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
*	Well is dry.	Insufficient water to gauge or purge.				

Did well dewater?	Yes	No	Gallons actually evacuated:		
Sampling Date:	8/24/06	Sampling Time:	Depth to Water:		
Sample I.D.:	MW-11	Laboratory:	STL	Other	<input checked="" type="radio"/> TA
Analyzed for:	TPH-G BTEX MTBE TPH-D	Other:	<u>oys' (F) by 8200</u>		
EB I.D. (if applicable):	@	Time	Duplicate I.D. (if applicable):		
Analyzed for:	TPH-G BTEX MTBE TPH-D	Other:			
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L	
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV	

**Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (800) 545-7558**

## WELL GAUGING DATA

Project # 060821- DR1 Date 8/21/06 Client Shell

Site 8999 San Ramon Rd. Dublin Ca.

# WELL DEVELOPMENT DATA SHEET

Project #: 060821-DR1	Client: Shill 97565995
Developer: DR	Date Developed: 8/21/06
Well I.D. MW-5	Well Diameter: (circle one) 2 3 4 6
Total Well Depth: Before 28.55 After 28.70	Depth to Water: Before 25.25 After 27.49
Reason not developed:	If Free Product, thickness:
Additional Notations: Hard bottom at 1st Permeate	

Volume Conversion Factor (VCF):

$$\{12 \times (d^2/4) \times \pi\} / 231$$

where

12 = in / foot

d = diameter (in.)

$\pi = 3.1416$

231 = in / gal

Well dia. VCF

$$2" = 0.16$$

$$3" = 0.37$$

$$4" = 0.65$$

$$6" = 1.47$$

$$10" = 4.08$$

$$12" = 6.87$$

<u>2.1</u>	X	<u>10</u>	<u>21.0</u>
1 Case Volume	Specified Volumes	=	gallons

Purging Device:

Bailer

Electric Submersible

Suction Pump

Positive Air Displacement

Type of Installed Pump \_\_\_\_\_

Other equipment used Twinie

TIME	TEMP (F)	pH	Cond. (mS or <del>µS</del> )	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:	DW
939	64.2	7.3	2145	>1000	2.1	Brown cloudy / phone call from Miller	26.20
951	65.2	7.1	2177	>1000	4.2	"	26.40
956	65.7	7.1	2165	>1000	6.3	"	27.28
1301	64.1	7.0	1862	>1000	8.4	"	26.08
1308	68.8	7.0	1795	>1000	10.5	"	26.32
1313	69.7	7.0	1743	>1000	12.6	"	26.51
1318	69.3	6.9	1727	>1000	14.7	"	27.83
1323N	69.1	6.9	1500	>1000	15.0	"	
1420	69.1	6.9	1680	>1000	16.8	"	26.31
1426	69.0	6.9	1673	>1000	18.9	"	27.02
1433	69.0	6.8	1668	>1000	21.0	"	27.40
Did Well Dewater? <u>Yes</u>	If yes, note above.			Gallons Actually Evacuated:	<u>21.0</u>		

# WELL DEVELOPMENT DATA SHEET

Project #: 060821-DR1	Client: Sh 1/ 97565995
Developer: DR	Date Developed: 8/21/06
Well I.D. MW - 7	Well Diameter: (circle one) 2 3 <b>4</b> 6
Total Well Depth:	Depth to Water:
Before 28.64 After 28.64	Before 28.84 After 28.33
Reason not developed:	If Free Product, thickness:
Additional Notations: Hard bottom at 1st Perimeter	

Volume Conversion Factor (VCF):

$$\{12 \times (d^2/4) \times \pi\} / 231$$

where

12 = in / foot

d = diameter (in.)

$\pi = 3.1416$

231 = in 3/gal

Well dia.	VCF
2"	= 0.16
3"	= 0.37
4"	= 0.65
6"	= 1.47
10"	= 4.08
12"	= 6.87

<u>1.82</u>	X	<u>10</u>	<u>18.2</u>
1 Case Volume		Specified Volumes	= gallons

Purging Device:

Bailer

Electric Submersible

Suction Pump

Positive Air Displacement

Type of Installed Pump Middletburg → Switched to hand bail

Other equipment used Twine

TIME	TEMP (F)	pH	Cond. (mS or $\mu\text{S}$ )	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
904	64.5	6.9	2202	>1000	1.8	Brown cloudy
909	64.2	7.6	1833	>1000	3.6	" / adjusted pump speed
914	63.2	7.8	1795	>1000	5.4	"
Well dewatered at 5.5 gal.						
1405	69.7	7.7	1618	>1000	6.2	"
Well dewatered at 6.2 gal.						
Stopped development due to very slow recharge and lack of water per client request.						
Did Well Dewater?	Yes	If yes, note above.		Gallons Actually Evacuated:		6.2

76.98 @ 12.55

# WELL DEVELOPMENT DATA SHEET

Project #: 060821-DR1	Client: Sh 11 97565995
Developer: DR	Date Developed: 8/21/08
Well I.D. MW-8	Well Diameter: (circle one) 2 3 <b>4</b> 6
Total Well Depth: Before 28.85 After 28.11	Depth to Water: Before 23.02 After 26.31
Reason not developed:	If Free Product, thickness:

Additional Notations: Hard bottom from 1st Parameter

Volume Conversion Factor (VCF):

$$\{12 \times (d^2/4) \times \pi\} / 231$$

where

12 = in / foot

d = diameter (in.)

$\pi = 3.1416$

231 = in 3/gal

Well dia.	VCF
2"	0.16
3"	0.37
4"	0.65
6"	1.47
10"	4.08
12"	6.87

3.8	X	10	38.0
1 Case Volume		Specified Volumes	= gallons

Purging Device:

Bailer

Electric Submersible

Suction Pump

Positive Air Displacement

Type of Installed Pump Middlebury

Other equipment used

TIME	TEMP (F)	pH	Cond. (mS or $\mu$ S)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:	DRW
1127	68.5	7.1	1045	>1000	3.8	Brown / Adjusted Pump Spec	24.70
1131	68.3	6.9	1059	>1000	7.6	"	25.30
1135	68.6	6.8	1064	>1000	11.4	light cloudy	25.60
1140	68.7	6.8	1069	>1000	15.2	"	25.71
1144	68.8	6.8	1052	>1000	19.0	"	25.97
1148	68.9	6.8	1047	515	22.8	Hazy	26.03
1152	68.5	7.0	1035	263	26.6	/ Adjusted Pump Spec	26.15
1157	68.4	7.0	1030	>1000	30.4	cloudy	26.22
1202	68.5	6.9	1027	312	34.2	light cloudy	26.28
1207	68.4	7.0	1028	435	38.0	"	26.31
Did Well Dewater? <b>No</b>	If yes, note above.			Gallons Actually Evacuated:	38.0		

# WELL DEVELOPMENT DATA SHEET

Project #: 060821-DR1	Client: Shallow 97565995
Developer: DR	Date Developed: 8/21/06
Well I.D. MW - 9	Well Diameter: (circle one) 2 3 <input checked="" type="radio"/> 6
Total Well Depth: Before 28.90 After 28.91	Depth to Water: Before 27.75 After 28.70
Reason not developed:	If Free Product thickness:
Additional Notations: Hard bottom from 1st perametric	

Volume Conversion Factor (VCF):

$$\{12 \times (d^2/4) \times \pi\} / 231$$

where

12 = in / foot

d = diameter (in.)

$\pi = 3.1416$

231 = in 3/gal

Well dia.	VCF
2"	0.16
3"	0.37
4"	0.65
6"	1.47
10"	4.08
12"	6.87

0.7	X	10	7.0
1 Case Volume		Specified Volumes	= gallons

Purging Device:



Bailer



Electric Submersible



Suction Pump



Positive Air Displacement

Type of Installed Pump \_\_\_\_\_

Other equipment used Twine

TIME	TEMP (F)	pH	Cond. (mS or $\mu$ S)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:	DPW
1233	68.8	7.4	2998	>1000	0.7	cloudy	28.00
1237	69.6	7.3	3001	>1000	1.4	"	28.15
1245	70.2	7.2	3121	>1000	2.1	"	28.22
* well dewatered	at 2.5 gal						
1355	70.4	7.3	3087	>1000	2.8	"	28.11
* well dewatered	at 3.0 gal.						28.10
1530	70.5	7.2	3002	>1000	3.7		28.18
Did Well Dewater?	Yes	If yes, note above.		Gallons Actually Evacuated:		3.7	

# WELL DEVELOPMENT DATA SHEET

Project #: 060821-DR1	Client: Shil 97565995
Developer: DR	Date Developed: 8/21/06
Well I.D. MW-10	Well Diameter: (circle one) 2 3 ④ 6
Total Well Depth: Before 28.86 After 28.94*	Depth to Water: Before 23.90 After 26.01
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):

$$\{12 \times (d^2/4) \times \pi\} / 231$$

where

12 = in / foot

d = diameter (in.)

$\pi = 3.1416$

231 = in 3/gal

Well dia.	VCF
2"	0.16
3"	0.37
4"	0.65
6"	1.47
10"	4.08
12"	6.87

3.2	X	10	72.0
1 Case Volume		Specified Volumes	= gallons

Purging Device:

- Bailer  
 Suction Pump

- Electric Submersible  
 Positive Air Displacement

Type of Installed Pump Middlebury

Other equipment used

TIME	TEMP (F)	pH	Cond. (mS or <del>LS</del> )	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1026	65.5	6.9	1383	>1000	3.2	Gray cloudy
1030	66.5	7.4	1186	>1000	6.4	" / Adjusted Pump Speed
1035	67.6	7.3	1090	>1000	9.6	"
1040	68.3	7.3	1062	>1000	12.8	"
1045	67.3	7.3	1058	>1000	16.0	" / Adjusted Pump Speed
1050	67.9	7.3	1053	>1000	19.2	"
1055	67.8	7.2	1048	>1000	22.4	" / Adjusted Pump Speed
1101	68.1	7.3	1031	>1000	25.6	" / odor
1106	68.2	7.4	1022	>1000	28.8	light gray / odor
1111	68.1	7.3	1016	>1000	32.0	light gray / odor

\* Achieved hard bottom on the 5th generator

Did Well Dewater? No If yes, note above. Gallons Actually Evacuated: 32.0



**Attachment G**

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**CERTIFIED ANALYTICAL REPORTS  
AND CHAIN OF CUSTODY DOCUMENTS – SOIL**

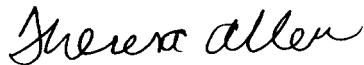
27 September, 2006

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

RE: 8999 San Ramon Rd., Dublin  
Work Order: MPB1032

Enclosed are the results of analyses for samples received by the laboratory on 02/24/06 15:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Theresa Allen  
Project Manager

CA ELAP Certificate # 1210

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

Project: 8999 San Ramon Rd., Dublin  
Project Number: SJ89-99S-1  
Project Manager: Rebecca Wolff

MPB1032  
Reported:  
09/27/06 16:37

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-6 @ 10'	MPB1032-01	Soil	02/23/06 09:30	02/24/06 15:20
MW-6 @ 15'	MPB1032-02	Soil	02/23/06 09:35	02/24/06 15:20
MW-6 @ 20'	MPB1032-03	Soil	02/23/06 09:40	02/24/06 15:20

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

Project: 8999 San Ramon Rd., Dublin  
Project Number: SJ89-99S-1  
Project Manager: Rebecca Wolff

MPB1032  
Reported:  
09/27/06 16:37

### Extractable Hydrocarbons by EPA 8015B

#### TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>MW-6 @ 10' (MPB1032-01) Soil   Sampled: 02/23/06 09:30   Received: 02/24/06 15:20</b>									
Diesel Range Organics (C10-C28)	1.2	1.0	mg/kg	1	6B28028	02/28/06	03/01/06	EPA 8015B-SVOA	SH-3
Surrogate: n-Octacosane		99 %	30-159		"	"	"	"	
<b>MW-6 @ 15' (MPB1032-02) Soil   Sampled: 02/23/06 09:35   Received: 02/24/06 15:20</b>									
Diesel Range Organics (C10-C28)	1.4	1.0	mg/kg	1	6B28028	02/28/06	03/01/06	EPA 8015B-SVOA	SH-3
Surrogate: n-Octacosane		96 %	30-159		"	"	"	"	
<b>MW-6 @ 20' (MPB1032-03) Soil   Sampled: 02/23/06 09:40   Received: 02/24/06 15:20</b>									
Diesel Range Organics (C10-C28)	1.5	1.0	mg/kg	1	6B28028	02/28/06	03/01/06	EPA 8015B-SVOA	SH-3
Surrogate: n-Octacosane		102 %	30-159		"	"	"	"	

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

Project: 8999 San Ramon Rd., Dublin  
Project Number: SJ89-99S-1  
Project Manager: Rebecca Wolff

MPB1032  
Reported:  
09/27/06 16:37

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**MW-6 @ 10' (MPB1032-01RE1) Soil** Sampled: 02/23/06 09:30 Received: 02/24/06 15:20

Gasoline Range Organics (C4-C12)	ND	2.5	mg/kg	1	6C09021	03/09/06	03/09/06	EPA 8260B	
Benzene	ND	0.050	"	"	"	"	"	"	"
Toluene	ND	0.050	"	"	"	"	"	"	"
Ethylbenzene	ND	0.050	"	"	"	"	"	"	"
Xylenes (total)	ND	0.050	"	"	"	"	"	"	"
<b>Methyl tert-butyl ether</b>	<b>1.4</b>	0.025	"	"	"	"	"	"	
tert-Butyl alcohol	ND	5.0	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96 %		60-125		"	"	"	"

**MW-6 @ 15' (MPB1032-02) Soil** Sampled: 02/23/06 09:35 Received: 02/24/06 15:20

Gasoline Range Organics (C4-C12)	<b>3.8</b>	2.5	mg/kg	1	6B28022	02/28/06	03/01/06	EPA 8260B	HC-11
Benzene	ND	0.050	"	"	"	"	"	"	"
Toluene	ND	0.050	"	"	"	"	"	"	"
Ethylbenzene	ND	0.050	"	"	"	"	"	"	"
Xylenes (total)	ND	0.050	"	"	"	"	"	"	"
tert-Butyl alcohol	ND	5.0	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %		60-125		"	"	"	"

**MW-6 @ 15' (MPB1032-02RE1) Soil** Sampled: 02/23/06 09:35 Received: 02/24/06 15:20

<b>Methyl tert-butyl ether</b>	<b>2.1</b>	0.050	mg/kg	2	6C09021	03/09/06	03/09/06	EPA 8260B	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		116 %		60-125		"	"	"	"

**MW-6 @ 20' (MPB1032-03) Soil** Sampled: 02/23/06 09:40 Received: 02/24/06 15:20

Gasoline Range Organics (C4-C12)	ND	0.10	mg/kg	1	6B28012	02/28/06	02/28/06	EPA 8260B	
Benzene	ND	0.0050	"	"	"	"	"	"	"
Toluene	ND	0.0050	"	"	"	"	"	"	"
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	"
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	"
<b>Methyl tert-butyl ether</b>	<b>0.0089</b>	0.0050	"	"	"	"	"	"	
tert-Butyl alcohol	ND	0.020	"	"	"	"	"	"	"
<i>Surrogate: 1,2-Dichloroethane-d4</i>		81 %		60-125		"	"	"	"

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

Project: 8999 San Ramon Rd., Dublin  
Project Number: SJ89-99S-1  
Project Manager: Rebecca Wolff

MPB1032  
Reported:  
09/27/06 16:37

### Extractable Hydrocarbons by EPA 8015B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6B28028 - LUFT-DHS / EPA 8015B-SVOA

<b>Blank (6B28028-BLK1)</b>										Prepared: 02/28/06 Analyzed: 03/01/06
Diesel Range Organics (C10-C28)	ND	1.0	mg/kg							
<i>Surrogate: n-Octacosane</i>	1.62	"		1.67		97	30-159			
<b>Laboratory Control Sample (6B28028-BS1)</b>										
Diesel Range Organics (C10-C28)	17.3	1.0	mg/kg	16.7		104	54-139			
<i>Surrogate: n-Octacosane</i>	1.69	"		1.67		101	30-159			
<b>Matrix Spike (6B28028-MS1)</b>	<b>Source: MPB1032-03</b>									Prepared: 02/28/06 Analyzed: 03/01/06
Diesel Range Organics (C10-C28)	15.5	1.0	mg/kg	16.7	1.5	84	54-139			
<i>Surrogate: n-Octacosane</i>	1.51	"		1.67		90	30-159			
<b>Matrix Spike Dup (6B28028-MSD1)</b>	<b>Source: MPB1032-03</b>									Prepared: 02/28/06 Analyzed: 03/02/06
Diesel Range Organics (C10-C28)	17.4	1.0	mg/kg	16.7	1.5	95	54-139	12	29	
<i>Surrogate: n-Octacosane</i>	1.70	"		1.67		102	30-159			

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

Project: 8999 San Ramon Rd., Dublin  
 Project Number: SJ89-99S-1  
 Project Manager: Rebecca Wolff

MPB1032  
**Reported:**  
 09/27/06 16:37

### 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	RPD Limit	Notes
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#### Batch 6B28012 - EPA 5035 / EPA 8260B

<b>Blank (6B28012-BLK1)</b>		Prepared & Analyzed: 02/28/06						
Gasoline Range Organics (C4-C12)	ND	0.10	mg/kg					
Benzene	ND	0.0050	"					
Toluene	ND	0.0050	"					
Ethylbenzene	ND	0.0050	"					
Xylenes (total)	ND	0.0050	"					
Methyl tert-butyl ether	ND	0.0050	"					
Di-isopropyl ether	ND	0.0050	"					
Ethyl tert-butyl ether	ND	0.0050	"					
tert-Amyl methyl ether	ND	0.0050	"					
tert-Butyl alcohol	ND	0.020	"					
1,2-Dichloroethane	ND	0.0050	"					
1,2-Dibromoethane (EDB)	ND	0.0050	"					
Ethanol	ND	0.10	"					
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.00411</i>		"	<i>0.00500</i>		<i>82</i>	<i>60-125</i>	

<b>Laboratory Control Sample (6B28012-BS1)</b>		Prepared & Analyzed: 02/28/06					
Gasoline Range Organics (C4-C12)	0.422	0.10	mg/kg	0.440		96	53-126
Benzene	0.00445	0.0050	"	0.00504		88	65-125
Toluene	0.0327	0.0050	"	0.0380		86	85-125
Ethylbenzene	0.00637	0.0050	"	0.00728		88	80-135
Xylenes (total)	0.0378	0.0050	"	0.0408		93	80-140
Methyl tert-butyl ether	0.00637	0.0050	"	0.00784		81	75-115
Di-isopropyl ether	0.0141	0.0050	"	0.0162		87	85-115
Ethyl tert-butyl ether	0.0142	0.0050	"	0.0164		87	80-125
tert-Amyl methyl ether	0.0145	0.0050	"	0.0163		89	80-130
tert-Butyl alcohol	0.138	0.020	"	0.169		82	80-165
1,2-Dichloroethane	0.0133	0.0050	"	0.0155		86	63-124
1,2-Dibromoethane (EDB)	0.0156	0.0050	"	0.0166		94	85-130
Ethanol	0.156	0.10	"	0.165		95	35-150
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.00413</i>		"	<i>0.00500</i>		<i>83</i>	<i>60-125</i>

TestAmerica - Morgan Hill, CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

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

Project: 8999 San Ramon Rd., Dublin  
Project Number: SJ89-99S-1  
Project Manager: Rebecca Wolff

MPB1032  
Reported:  
09/27/06 16:37

### 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
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#### Batch 6B28012 - EPA 5035 / EPA 8260B

Matrix Spike (6B28012-MS1)	Source: MPB1032-03	Prepared & Analyzed: 02/28/06							
Gasoline Range Organics (C4-C12)	0.458	0.10	mg/kg	0.440	0.015	101	53-126		
Benzene	0.00493	0.0050	"	0.00504	ND	98	65-125		
Toluene	0.0348	0.0050	"	0.0380	0.00026	91	85-125		
Ethylbenzene	0.00663	0.0050	"	0.00728	ND	91	80-135		
Xylenes (total)	0.0389	0.0050	"	0.0408	ND	95	80-140		
Methyl tert-butyl ether	0.0159	0.0050	"	0.00784	0.0089	89	75-115		
Di-isopropyl ether	0.0150	0.0050	"	0.0162	ND	93	85-115		
Ethyl tert-butyl ether	0.0149	0.0050	"	0.0164	ND	91	80-125		
tert-Amyl methyl ether	0.0152	0.0050	"	0.0163	ND	93	80-130		
tert-Butyl alcohol	0.147	0.020	"	0.169	0.0048	84	80-135		
1,2-Dichloroethane	0.0142	0.0050	"	0.0155	ND	92	63-124		
1,2-Dibromoethane (EDB)	0.0156	0.0050	"	0.0166	ND	94	85-130		
Ethanol	0.158	0.10	"	0.165	ND	96	35-150		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.00411</i>		"	<i>0.00500</i>		82	<i>60-125</i>		

Matrix Spike Dup (6B28012-MSD1)	Source: MPB1032-03	Prepared & Analyzed: 02/28/06							
Gasoline Range Organics (C4-C12)	0.442	0.10	mg/kg	0.440	0.015	97	53-126	4	25
Benzene	0.00478	0.0050	"	0.00504	ND	95	65-125	3	20
Toluene	0.0337	0.0050	"	0.0380	0.00026	88	85-125	3	15
Ethylbenzene	0.00645	0.0050	"	0.00728	ND	89	80-135	3	20
Xylenes (total)	0.0379	0.0050	"	0.0408	ND	93	80-140	3	20
Methyl tert-butyl ether	0.0120	0.0050	"	0.00784	0.0089	40	75-115	28	35
Di-isopropyl ether	0.0147	0.0050	"	0.0162	ND	91	85-115	2	20
Ethyl tert-butyl ether	0.0147	0.0050	"	0.0164	ND	90	80-125	1	25
tert-Amyl methyl ether	0.0149	0.0050	"	0.0163	ND	91	80-130	2	25
tert-Butyl alcohol	0.141	0.020	"	0.169	0.0048	81	80-135	4	20
1,2-Dichloroethane	0.0137	0.0050	"	0.0155	ND	88	63-124	4	25
1,2-Dibromoethane (EDB)	0.0155	0.0050	"	0.0166	ND	93	85-130	0.6	15
Ethanol	0.151	0.10	"	0.165	ND	92	35-150	5	40
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.00404</i>		"	<i>0.00500</i>		81	<i>60-125</i>		

TestAmerica - Morgan Hill, CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

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

Project: 8999 San Ramon Rd., Dublin  
Project Number: SJ89-99S-1  
Project Manager: Rebecca Wolff

MPB1032  
Reported:  
09/27/06 16:37

### 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	RPD Limit	Notes
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#### Batch 6B28022 - EPA 5030B/5035A MeOH / EPA 8260B

<b>Blank (6B28022-BLK1)</b>					Prepared: 02/28/06 Analyzed: 03/01/06				
Gasoline Range Organics (C4-C12)	ND	2.5	mg/kg						
Benzene	ND	0.050	"						
Toluene	ND	0.050	"						
Ethylbenzene	ND	0.050	"						
Xylenes (total)	ND	0.050	"						
Methyl tert-butyl ether	ND	0.025	"						
Di-isopropyl ether	ND	0.025	"						
Ethyl tert-butyl ether	ND	0.025	"						
tert-Amyl methyl ether	ND	0.025	"						
tert-Butyl alcohol	ND	5.0	"						
1,2-Dichloroethane	ND	0.025	"						
1,2-Dibromoethane (EDB)	ND	0.025	"						
Ethanol	ND	10	"						

Surrogate: 1,2-Dichloroethane-d4      0.00513      "      0.00500      103      60-125

<b>Laboratory Control Sample (6B28022-BS1)</b>					Prepared: 02/28/06 Analyzed: 03/01/06				
Gasoline Range Organics (C4-C12)	20.0	2.5	mg/kg	16.5		121	60-140		
Benzene	0.207	0.050	"	0.194		107	65-125		
Toluene	1.45	0.050	"	1.39		104	85-125		
Ethylbenzene	0.273	0.050	"	0.283		96	80-135		
Xylenes (total)	1.58	0.050	"	1.55		102	80-140		
Methyl tert-butyl ether	0.346	0.025	"	0.263		132	75-115	QC01	
Di-isopropyl ether	0.693	0.025	"	0.567		122	85-115	QC01	
Ethyl tert-butyl ether	0.651	0.025	"	0.564		115	80-125		
tert-Amyl methyl ether	0.640	0.025	"	0.564		113	80-130		
tert-Butyl alcohol	5.29	5.0	"	5.37		99	80-165		
1,2-Dichloroethane	0.608	0.025	"	0.552		110	63-124		
1,2-Dibromoethane (EDB)	0.654	0.025	"	0.558		117	85-130		
Ethanol	4.38	10	"	5.31		82	35-150		

Surrogate: 1,2-Dichloroethane-d4      0.00496      "      0.00500      99      60-125

TestAmerica - Morgan Hill, CA

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

Project: 8999 San Ramon Rd., Dublin  
 Project Number: SJ89-99S-1  
 Project Manager: Rebecca Wolff

MPB1032  
**Reported:**  
 09/27/06 16:37

### 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
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#### Batch 6B28022 - EPA 5030B/5035A MeOH / EPA 8260B

<b>Laboratory Control Sample Dup (6B28022-BSD1)</b>				Prepared: 02/28/06	Analyzed: 03/01/06				
Gasoline Range Organics (C4-C12)	20.5	2.5	mg/kg	16.5	124	60-140	2	25	
Benzene	0.210	0.050	"	0.194	108	65-125	1	20	
Toluene	1.49	0.050	"	1.39	107	85-125	3	15	
Ethylbenzene	0.281	0.050	"	0.283	99	80-135	3	20	
Xylenes (total)	1.67	0.050	"	1.55	108	80-140	6	20	
Methyl tert-butyl ether	0.352	0.025	"	0.263	134	75-115	2	35	QC01
Di-isopropyl ether	0.698	0.025	"	0.567	123	85-115	0.7	20	QC01
Ethyl tert-butyl ether	0.649	0.025	"	0.564	115	80-125	0.3	25	
tert-Amyl methyl ether	0.645	0.025	"	0.564	114	80-130	0.8	25	
tert-Butyl alcohol	5.50	5.0	"	5.37	102	80-165	4	25	
1,2-Dichloroethane	0.617	0.025	"	0.552	112	63-124	1	25	
1,2-Dibromoethane (EDB)	0.657	0.025	"	0.558	118	85-130	0.5	15	
Ethanol	4.70	10	"	5.31	89	35-150	7	40	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.00509</i>		"	<i>0.00500</i>	<i>102</i>	<i>60-125</i>			

#### Batch 6C09021 - EPA 5030B/5035A MeOH / EPA 8260B

<b>Blank (6C09021-BLK1)</b>				Prepared & Analyzed: 03/09/06				
Gasoline Range Organics (C4-C12)	ND	2.5	mg/kg					
Benzene	ND	0.050	"					
Toluene	ND	0.050	"					
Ethylbenzene	ND	0.050	"					
Xylenes (total)	ND	0.050	"					
Methyl tert-butyl ether	ND	0.025	"					
Di-isopropyl ether	ND	0.025	"					
Ethyl tert-butyl ether	ND	0.025	"					
tert-Amyl methyl ether	ND	0.025	"					
tert-Butyl alcohol	ND	5.0	"					
1,2-Dichloroethane	ND	0.025	"					
1,2-Dibromoethane (EDB)	ND	0.025	"					
Ethanol	ND	10	"					
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.00484</i>		"	<i>0.00500</i>	<i>97</i>	<i>60-125</i>		

TestAmerica - Morgan Hill, CA

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

Project: 8999 San Ramon Rd., Dublin  
 Project Number: SJ89-99S-1  
 Project Manager: Rebecca Wolff

MPB1032  
**Reported:**  
 09/27/06 16:37

### 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
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#### Batch 6C09021 - EPA 5030B/5035A MeOH / EPA 8260B

<b>Laboratory Control Sample (6C09021-BS1)</b>						Prepared & Analyzed: 03/09/06				
Gasoline Range Organics (C4-C12)	17.0	2.5	mg/kg	13.2		129	60-140			
Benzene	0.176	0.050	"	0.151		117	65-125			
Toluene	1.24	0.050	"	1.14		109	85-125			
Ethylbenzene	0.270	0.050	"	0.218		124	80-135			
Xylenes (total)	1.59	0.050	"	1.22		130	80-140			
Methyl tert-butyl ether	0.288	0.025	"	0.235		123	75-115			QC01
Di-isopropyl ether	0.608	0.025	"	0.487		125	85-115			QC01
Ethyl tert-butyl ether	0.568	0.025	"	0.492		115	80-125			
tert-Amyl methyl ether	0.569	0.025	"	0.490		116	80-130			
tert-Butyl alcohol	5.91	5.0	"	5.06		117	80-165			
1,2-Dichloroethane	0.507	0.025	"	0.466		109	63-124			
1,2-Dibromoethane (EDB)	0.564	0.025	"	0.499		113	85-130			
Ethanol	3.66	10	"	4.94		74	35-150			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.00502</i>		"	<i>0.00500</i>		<i>100</i>	<i>60-125</i>			

<b>Laboratory Control Sample Dup (6C09021-BSD1)</b>						Prepared & Analyzed: 03/09/06				
Gasoline Range Organics (C4-C12)	15.8	2.5	mg/kg	13.2		120	60-140	7	25	
Benzene	0.170	0.050	"	0.151		113	65-125	3	20	
Toluene	1.17	0.050	"	1.14		103	85-125	6	15	
Ethylbenzene	0.262	0.050	"	0.218		120	80-135	3	20	
Xylenes (total)	1.54	0.050	"	1.22		126	80-140	3	20	
Methyl tert-butyl ether	0.269	0.025	"	0.235		114	75-115	7	35	
Di-isopropyl ether	0.571	0.025	"	0.487		117	85-115	6	20	QC01
Ethyl tert-butyl ether	0.533	0.025	"	0.492		108	80-125	6	25	
tert-Amyl methyl ether	0.535	0.025	"	0.490		109	80-130	6	25	
tert-Butyl alcohol	6.09	5.0	"	5.06		120	80-165	3	25	
1,2-Dichloroethane	0.479	0.025	"	0.466		103	63-124	6	25	
1,2-Dibromoethane (EDB)	0.514	0.025	"	0.499		103	85-130	9	15	
Ethanol	3.75	10	"	4.94		76	35-150	2	40	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.00499</i>		"	<i>0.00500</i>		<i>100</i>	<i>60-125</i>			

TestAmerica - Morgan Hill, CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

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

Project: 8999 San Ramon Rd., Dublin  
Project Number: SJ89-99S-1  
Project Manager: Rebecca Wolff

MPB1032  
Reported:  
09/27/06 16:37

### Notes and Definitions

SH-3	Results in the diesel organics range are primarily due to overlap from a heavy (motor?) oil range product.
QM02	The spike recovery was below control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QC01	The percent recovery was above the control limits.
HC-11	The result for this hydrocarbon is elevated due to the presence of single analyte peak(s) in the quantitation range.
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 STL Other \_\_\_\_\_

Lab Identification (if necessary):

- TA - Irvine, California  
 TA - Morgan Hill, California  
 TA - Nashville, Tennessee  
 STL  
 Other (location) \_\_\_\_\_

**SHELL Chain Of Custody Record****Shell Project Manager to be invoiced:**

<input checked="" type="checkbox"/> ENVIRONMENTAL SERVICES
<input type="checkbox"/> TECHNICAL SERVICES
<input type="checkbox"/> CRMT (HOUSTON)

Denis Brown

 NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE**INCIDENT NUMBER (ES ONLY)**

9 7 5 6 5 9 9 5

**SAP or CRMT NUMBER (TS/CRMT)**

DATE: 2/23/06

PAGE: 1 of 1

SAMPLING COMPANY: <b>Delta Environmental Consultants, Inc.</b>		LOG CODE:		SITE ADDRESS: Street and City <b>8999 San Ramon, Dublin</b>		State <b>CA</b>		GLOBAL ID NO: <b>T0600159797</b>													
ADDRESS: <b>175 Bernal Road, Suite 200, San Jose, CA 95119</b>				EDF DELIVERABLE TO (Responsible Party or Designee): <b>Heather Buckingham</b>		PHONE NO.: <b>408-826-1866</b>		E-MAIL: <b>hbuckingham@deltaenv.com</b>													
PROJECT CONTACT (Hardcopy or PDF Report to): <b>Rebecca Wolff</b>				SAMPLER NAME(S) (Print): <b>Andrew Persio</b>		LAB USE ONLY		CONSULTANT PROJECT NO.: <b>SJ89-99S-1</b>													
TELEPHONE: <b>408-826-1868</b>				FAX: <b>408-225-8506</b>		E-MAIL: <b>rwolff@deltaenv.com</b>															
TURNAROUND TIME (STANDARD IS 10 CALENDAR DAYS): <input type="checkbox"/> STD <input checked="" type="checkbox"/> 5 DAY <input type="checkbox"/> 3 DAY <input type="checkbox"/> 2 DAY <input type="checkbox"/> 24 HOURS				<input type="checkbox"/> RESULTS NEEDED ON WEEKEND		REQUESTED ANALYSIS															
						<i>MIB 1032</i>															
GC/MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____																					
SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED <input type="checkbox"/>																					
RECEIPT VERIFICATION REQUESTED <input checked="" type="checkbox"/>																					
LAB USE ONLY	Field Sample Identification		SAMPLING		MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8015M)	Methanol (8015M)	TPH - Diesel, Extractable (8015M)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	DATE	TIME																			
	MW-6 @ 10'	2/23/06	9:30	soil	1	X	X	X	X												TEMPERATURE ON RECEIPT C° <i>4.9°C</i>
	MW-6 @ 15'	2/23/06	9:35	soil	1	X	X	X	X												
	MW-6 @ 20'	2/23/06	9:40	soil	1	X	X	X	X												
Relinquished by: (Signature) <i>C. W.</i>				Received by: (Signature) <i>M. Z.</i>						Date: <i>2/24/06</i>		Time: <i>15:20</i>									
Relinquished by: (Signature)				Received by: (Signature)						Date: <i>2/24/06</i>		Time: <i>15:20</i>									
Received by: (Signature)				Received by: (Signature)						Date: <i>2/24/06</i>		Time: <i>15:20</i>									

# SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: Delta  
 REC. BY (PRINT) MF  
 WORKORDER: MPB 1032

DATE REC'D AT LAB: 2/21/06  
 TIME REC'D AT LAB: 15:20  
 DATE LOGGED IN: 2-25-06

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

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERV ATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS:
									CONDITION (ETC.)
1. Custody Seal(s) Present / Absent	61	1	MW-60@10	metacore	-	-	S	7/23/06	
Intact / Broken*	02	1	15						
2. Chain-of-Custody Present / Absent*	03	1	20						
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: Corrected Temp: Is corrected temp 4 +/-2°C? (Acceptance range for samples requiring thermal pres.) **Exception (if any): METALS / DFF ON ICE or Problem COC	49	49							

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

15 August, 2006

Lee Dooly  
Delta Environmental Consultants - San Jose  
175 Bernal Rd, Suite 200  
San Jose, CA 95119

RE: Shell 8999 San Ramon, Dublin  
Work Order: S608022

Enclosed are the results of analyses for samples received by the laboratory on 08/01/06 10:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Sylvia Krenn  
Project Manager

CA ELAP Certificate # 2630

Delta Environmental Consultants - San Jose  
175 Bernal Rd, Suite 200  
San Jose CA, 95119

Project: Shell 8999 San Ramon, Dublin  
Project Number: 97565995  
Project Manager: Lee Dooly

S608022  
Reported:  
08/15/06 14:17

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-10 @5'	S608022-01	Soil	07/25/06 13:55	08/01/06 10:15
MW-10 @10'	S608022-02	Soil	07/26/06 09:35	08/01/06 10:15
MW-10 @15'	S608022-03	Soil	07/26/06 09:40	08/01/06 10:15
MW-10 @19.5'	S608022-04	Soil	07/26/06 09:50	08/01/06 10:15
MW-10 @25'	S608022-05	Soil	07/26/06 09:55	08/01/06 10:15
MW-10 @28'	S608022-06	Soil	07/26/06 10:00	08/01/06 10:15
MW-8 @15'	S608022-07	Soil	07/26/06 08:40	08/01/06 10:15
MW-8 @20'	S608022-08	Soil	07/26/06 08:45	08/01/06 10:15
MW-11 @5'	S608022-09	Soil	07/25/06 10:30	08/01/06 10:15

Delta Environmental Consultants - San Jose  
175 Bernal Rd, Suite 200  
San Jose CA, 95119

Project: Shell 8999 San Ramon, Dublin  
Project Number: 97565995  
Project Manager: Lee Dooly

S608022  
Reported:  
08/15/06 14:17

### Extractable Hydrocarbons by EPA 8015B

#### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>MW-10 @5' (S608022-01) Soil Sampled: 07/25/06 13:55 Received: 08/01/06 10:15</b>									
Diesel Range Organics (C10-C28)	ND	2.0	mg/kg	1	6080140	08/08/06	08/11/06	EPA 8015B-SVOA	
<i>Surrogate: Octacosane</i>		106 %	47-132	"	"	"	"	"	
<b>MW-10 @10' (S608022-02) Soil Sampled: 07/26/06 09:35 Received: 08/01/06 10:15</b>									
Diesel Range Organics (C10-C28)	ND	2.0	mg/kg	1	6080140	08/08/06	08/11/06	EPA 8015B-SVOA	
<i>Surrogate: Octacosane</i>		101 %	47-132	"	"	"	"	"	
<b>MW-10 @15' (S608022-03) Soil Sampled: 07/26/06 09:40 Received: 08/01/06 10:15</b>									
Diesel Range Organics (C10-C28)	ND	2.0	mg/kg	1	6080140	08/08/06	08/11/06	EPA 8015B-SVOA	
<i>Surrogate: Octacosane</i>		98 %	47-132	"	"	"	"	"	
<b>MW-10 @19.5' (S608022-04) Soil Sampled: 07/26/06 09:50 Received: 08/01/06 10:15</b>									
Diesel Range Organics (C10-C28)	ND	2.0	mg/kg	1	6080140	08/08/06	08/11/06	EPA 8015B-SVOA	
<i>Surrogate: Octacosane</i>		101 %	47-132	"	"	"	"	"	
<b>MW-10 @25' (S608022-05) Soil Sampled: 07/26/06 09:55 Received: 08/01/06 10:15</b>									
Diesel Range Organics (C10-C28)	ND	2.0	mg/kg	1	6080140	08/08/06	08/11/06	EPA 8015B-SVOA	
<i>Surrogate: Octacosane</i>		99 %	47-132	"	"	"	"	"	
<b>MW-10 @28' (S608022-06) Soil Sampled: 07/26/06 10:00 Received: 08/01/06 10:15</b>									
Diesel Range Organics (C10-C28)	ND	2.0	mg/kg	1	6080140	08/08/06	08/11/06	EPA 8015B-SVOA	
<i>Surrogate: Octacosane</i>		105 %	47-132	"	"	"	"	"	
<b>MW-8 @15' (S608022-07) Soil Sampled: 07/26/06 08:40 Received: 08/01/06 10:15</b>									
Diesel Range Organics (C10-C28)	ND	2.0	mg/kg	1	6080140	08/08/06	08/11/06	EPA 8015B-SVOA	
<i>Surrogate: Octacosane</i>		112 %	47-132	"	"	"	"	"	

Delta Environmental Consultants - San Jose  
175 Bernal Rd, Suite 200  
San Jose CA, 95119

Project: Shell 8999 San Ramon, Dublin  
Project Number: 97565995  
Project Manager: Lee Dooly

S608022  
Reported:  
08/15/06 14:17

### Extractable Hydrocarbons by EPA 8015B

#### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**MW-8 @20' (S608022-08) Soil Sampled: 07/26/06 08:45 Received: 08/01/06 10:15**

Diesel Range Organics (C10-C28)	ND	2.0	mg/kg	1	6080140	08/08/06	08/11/06	EPA 8015B-SVOA
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*Surrogate: Octacosane*      94 %      47-132      "      "      "      "

**MW-11 @5' (S608022-09) Soil Sampled: 07/25/06 10:30 Received: 08/01/06 10:15**

Diesel Range Organics (C10-C28)	ND	2.0	mg/kg	1	6080140	08/08/06	08/11/06	EPA 8015B-SVOA
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*Surrogate: Octacosane*      107 %      47-132      "      "      "      "

Delta Environmental Consultants - San Jose  
175 Bernal Rd, Suite 200  
San Jose CA, 95119

Project: Shell 8999 San Ramon, Dublin  
Project Number: 97565995  
Project Manager: Lee Dooly

S608022  
Reported:  
08/15/06 14:17

### Gasoline\BTEX\Oxygenates by EPA method 8260B

#### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**MW-10 @5' (S608022-01) Soil Sampled: 07/25/06 13:55 Received: 08/01/06 10:15**

Tert-butyl alcohol	ND	0.050	mg/kg	1	6080105	08/04/06	08/04/06	EPA 8260B	
<b>Methyl tert-butyl ether</b>	<b>0.017</b>	0.0050	"	"	"	"	"	"	
Benzene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		103 %	60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		106 %	60-140		"	"	"	"	
<i>Surrogate: 4-BFB</i>		97 %	60-140		"	"	"	"	

**MW-10 @10' (S608022-02) Soil Sampled: 07/26/06 09:35 Received: 08/01/06 10:15**

Tert-butyl alcohol	ND	0.050	mg/kg	1	6080105	08/04/06	08/04/06	EPA 8260B	
<b>Methyl tert-butyl ether</b>	<b>0.24</b>	0.0050	"	"	"	"	"	"	E
Benzene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		103 %	60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		106 %	60-140		"	"	"	"	
<i>Surrogate: 4-BFB</i>		96 %	60-140		"	"	"	"	

**MW-10 @10' (S608022-02RE1) Soil Sampled: 07/26/06 09:35 Received: 08/01/06 10:15**

<b>Methyl tert-butyl ether</b>	<b>0.16</b>	0.025	mg/kg	5	6080111	08/06/06	08/06/06	EPA 8260B	
<i>Surrogate: 1,2-DCA-d4</i>		103 %	60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		107 %	60-140		"	"	"	"	
<i>Surrogate: 4-BFB</i>		95 %	60-140		"	"	"	"	

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Project Number: 97565995  
Project Manager: Lee Dooly

S608022  
Reported:  
08/15/06 14:17

**Gasoline\BTEX\Oxygenates by EPA method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**MW-10 @15' (S608022-03) Soil Sampled: 07/26/06 09:40 Received: 08/01/06 10:15**

Tert-butyl alcohol	ND	0.050	mg/kg	1	6080105	08/04/06	08/04/06	EPA 8260B	
<b>Methyl tert-butyl ether</b>	<b>0.044</b>	0.0050	"	"	"	"	"	"	
Benzene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		104 %	60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		105 %	60-140		"	"	"	"	
<i>Surrogate: 4-BFB</i>		98 %	60-140		"	"	"	"	

**MW-10 @19.5' (S608022-04) Soil Sampled: 07/26/06 09:50 Received: 08/01/06 10:15**

Tert-butyl alcohol	ND	0.050	mg/kg	1	6080105	08/04/06	08/04/06	EPA 8260B	
Methyl tert-butyl ether	ND	0.0050	"	"	"	"	"	"	
Benzene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		104 %	60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		107 %	60-140		"	"	"	"	
<i>Surrogate: 4-BFB</i>		95 %	60-140		"	"	"	"	

**MW-10 @25' (S608022-05) Soil Sampled: 07/26/06 09:55 Received: 08/01/06 10:15**

<b>Tert-butyl alcohol</b>	<b>0.20</b>	0.050	mg/kg	1	6080105	08/04/06	08/04/06	EPA 8260B	
Methyl tert-butyl ether	ND	0.0050	"	"	"	"	"	"	
Benzene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		79 %	60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		106 %	60-140		"	"	"	"	
<i>Surrogate: 4-BFB</i>		97 %	60-140		"	"	"	"	

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### Gasoline\BTEX\Oxygenates by EPA method 8260B

#### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**MW-10 @28' (S608022-06) Soil Sampled: 07/26/06 10:00 Received: 08/01/06 10:15**

Tert-butyl alcohol	<b>0.096</b>	0.050	mg/kg	1	6080105	08/04/06	08/04/06	EPA 8260B	
Methyl tert-butyl ether	ND	0.0050	"	"	"	"	"	"	"
Benzene	ND	0.0050	"	"	"	"	"	"	"
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	"
Toluene	ND	0.0050	"	"	"	"	"	"	"
Xylenes (total)	ND	0.010	"	"	"	"	"	"	"
Gasoline Range Organics (C4-C12)	ND	1.0	"	"	"	"	"	"	"
<i>Surrogate: 1,2-DCA-d4</i>		104 %	60-140		"	"	"	"	"
<i>Surrogate: Toluene-d8</i>		105 %	60-140		"	"	"	"	"
<i>Surrogate: 4-BFB</i>		96 %	60-140		"	"	"	"	"

**MW-8 @15' (S608022-07) Soil Sampled: 07/26/06 08:40 Received: 08/01/06 10:15**

Tert-butyl alcohol	ND	0.050	mg/kg	1	6080105	08/04/06	08/04/06	EPA 8260B	
Methyl tert-butyl ether	ND	0.0050	"	"	"	"	"	"	"
Benzene	ND	0.0050	"	"	"	"	"	"	"
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	"
Toluene	ND	0.0050	"	"	"	"	"	"	"
Xylenes (total)	ND	0.010	"	"	"	"	"	"	"
Gasoline Range Organics (C4-C12)	ND	1.0	"	"	"	"	"	"	"
<i>Surrogate: 1,2-DCA-d4</i>		105 %	60-140		"	"	"	"	"
<i>Surrogate: Toluene-d8</i>		106 %	60-140		"	"	"	"	"
<i>Surrogate: 4-BFB</i>		95 %	60-140		"	"	"	"	"

**MW-8 @20' (S608022-08) Soil Sampled: 07/26/06 08:45 Received: 08/01/06 10:15**

Tert-butyl alcohol	ND	0.050	mg/kg	1	6080105	08/04/06	08/04/06	EPA 8260B	
Methyl tert-butyl ether	ND	0.0050	"	"	"	"	"	"	"
Benzene	ND	0.0050	"	"	"	"	"	"	"
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	"
Toluene	ND	0.0050	"	"	"	"	"	"	"
Xylenes (total)	ND	0.010	"	"	"	"	"	"	"
Gasoline Range Organics (C4-C12)	ND	1.0	"	"	"	"	"	"	"
<i>Surrogate: 1,2-DCA-d4</i>		104 %	60-140		"	"	"	"	"
<i>Surrogate: Toluene-d8</i>		102 %	60-140		"	"	"	"	"
<i>Surrogate: 4-BFB</i>		96 %	60-140		"	"	"	"	"

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**Gasoline\BTEX\Oxygenates by EPA method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>MW-11 @5' (S608022-09) Soil   Sampled: 07/25/06 10:30   Received: 08/01/06 10:15</b>									
Tert-butyl alcohol	ND	0.050	mg/kg	1	6080105	08/04/06	08/04/06	EPA 8260B	
Methyl tert-butyl ether	ND	0.0050	"	"	"	"	"	"	
Benzene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		106 %	60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		106 %	60-140		"	"	"	"	
<i>Surrogate: 4-BFB</i>		95 %	60-140		"	"	"	"	

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### Extractable Hydrocarbons by EPA 8015B - Quality Control

TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6080140 - EPA 3550B / EPA 8015B-SVOA

<b>Blank (6080140-BLK1)</b>					Prepared: 08/08/06	Analyzed: 08/09/06			
Diesel Range Organics (C10-C28)	ND	2.0	mg/kg						
<i>Surrogate: Octacosane</i>	0.724	"		0.667	109	47-132			
<b>Laboratory Control Sample (6080140-BS1)</b>					Prepared: 08/08/06	Analyzed: 08/09/06			
Diesel Range Organics (C10-C28)	16.8	2.0	mg/kg	16.7	101	71-116			
<i>Surrogate: Octacosane</i>	0.699	"		0.667	105	47-132			
<b>Matrix Spike (6080140-MS1)</b>	<b>Source: S608107-02</b>				Prepared: 08/08/06	Analyzed: 08/09/06			
Diesel Range Organics (C10-C28)	18.2	2.0	mg/kg	16.7	0.722	105			
<i>Surrogate: Octacosane</i>	0.772	"		0.667	116	47-132			
<b>Matrix Spike Dup (6080140-MSD1)</b>	<b>Source: S608107-02</b>				Prepared: 08/08/06	Analyzed: 08/09/06			
Diesel Range Organics (C10-C28)	17.5	2.0	mg/kg	16.7	0.722	100	71-116	4	28
<i>Surrogate: Octacosane</i>	0.706	"		0.667	106	47-132			

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### Gasoline|BTEX|Oxygenates by EPA method 8260B - Quality Control

#### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Notes
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#### Batch 6080105 - EPA 5030B [P/T] / EPA 8260B

Blank (6080105-BLK1)		Prepared & Analyzed: 08/04/06				
Ethanol	ND	10	mg/kg			
Tert-butyl alcohol	ND	2.5	"			
Methyl tert-butyl ether	ND	0.25	"			
Di-isopropyl ether	ND	0.50	"			
Ethyl tert-butyl ether	ND	0.25	"			
Tert-amyl methyl ether	ND	0.25	"			
1,2-Dichloroethane	ND	0.25	"			
1,2-Dibromoethane (EDB)	ND	0.25	"			
Benzene	ND	0.25	"			
Ethylbenzene	ND	0.25	"			
Toluene	ND	0.25	"			
Xylenes (total)	ND	0.50	"			
Gasoline Range Organics (C4-C12)	ND	50	"			
<i>Surrogate: 1,2-DCA-d4</i>	0.0104	"	0.0100	104	60-140	
<i>Surrogate: Toluene-d8</i>	0.0121	"	0.0100	121	60-140	
<i>Surrogate: 4-BFB</i>	0.00925	"	0.0100	92	60-140	

Blank (6080105-BLK2)		Prepared & Analyzed: 08/06/06				
Ethanol	ND	10	mg/kg			
Tert-butyl alcohol	ND	2.5	"			
Methyl tert-butyl ether	ND	0.25	"			
Di-isopropyl ether	ND	0.50	"			
Ethyl tert-butyl ether	ND	0.25	"			
Tert-amyl methyl ether	ND	0.25	"			
1,2-Dichloroethane	ND	0.25	"			
1,2-Dibromoethane (EDB)	ND	0.25	"			
Benzene	ND	0.25	"			
Ethylbenzene	ND	0.25	"			
Toluene	ND	0.25	"			
Xylenes (total)	ND	0.50	"			
Gasoline Range Organics (C4-C12)	ND	50	"			
<i>Surrogate: 1,2-DCA-d4</i>	0.00990	"	0.0100	99	60-140	
<i>Surrogate: Toluene-d8</i>	0.0129	"	0.0100	129	60-140	
<i>Surrogate: 4-BFB</i>	0.00893	"	0.0100	89	60-140	

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### Gasoline|BTEX|Oxygenates by EPA method 8260B - Quality Control

#### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6080105 - EPA 5030B [P/T] / EPA 8260B

<b>Laboratory Control Sample (6080105-BS1)</b>				Prepared & Analyzed: 08/04/06					
Methyl tert-butyl ether	0.0402	0.0050	mg/kg	0.0500	80	60-140			
Benzene	0.0503	0.0050	"	0.0500	101	70-130			
Toluene	0.0474	0.0050	"	0.0500	95	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	<i>0.00974</i>		"	<i>0.0100</i>	<i>97</i>	<i>60-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0101</i>		"	<i>0.0100</i>	<i>101</i>	<i>60-140</i>			
<i>Surrogate: 4-BFB</i>	<i>0.00976</i>		"	<i>0.0100</i>	<i>98</i>	<i>60-140</i>			
<b>Laboratory Control Sample (6080105-BS2)</b>				Prepared & Analyzed: 08/04/06					
Toluene	0.149	0.0050	mg/kg	0.188	79	70-130			
Gasoline Range Organics (C4-C12)	1.96	1.0	"	2.20	89	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	<i>0.0100</i>		"	<i>0.0100</i>	<i>100</i>	<i>60-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0107</i>		"	<i>0.0100</i>	<i>107</i>	<i>60-140</i>			
<i>Surrogate: 4-BFB</i>	<i>0.0102</i>		"	<i>0.0100</i>	<i>102</i>	<i>60-140</i>			
<b>Laboratory Control Sample Dup (6080105-BSD1)</b>				Prepared & Analyzed: 08/06/06					
Methyl tert-butyl ether	0.0381	0.0050	mg/kg	0.0500	76	60-140	5	25	
Benzene	0.0478	0.0050	"	0.0500	96	70-130	5	25	
Toluene	0.0493	0.0050	"	0.0500	99	70-130	4	25	
<i>Surrogate: 1,2-DCA-d4</i>	<i>0.00994</i>		"	<i>0.0100</i>	<i>99</i>	<i>60-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0104</i>		"	<i>0.0100</i>	<i>104</i>	<i>60-140</i>			
<i>Surrogate: 4-BFB</i>	<i>0.0101</i>		"	<i>0.0100</i>	<i>101</i>	<i>60-140</i>			
<b>Laboratory Control Sample Dup (6080105-BSD2)</b>				Prepared & Analyzed: 08/06/06					
Toluene	0.168	0.0050	mg/kg	0.188	89	70-130	12	25	
Gasoline Range Organics (C4-C12)	2.43	1.0	"	2.20	110	70-130	21	25	
<i>Surrogate: 1,2-DCA-d4</i>	<i>0.0105</i>		"	<i>0.0100</i>	<i>105</i>	<i>60-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0106</i>		"	<i>0.0100</i>	<i>106</i>	<i>60-140</i>			
<i>Surrogate: 4-BFB</i>	<i>0.0101</i>		"	<i>0.0100</i>	<i>101</i>	<i>60-140</i>			

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08/15/06 14:17

### Gasoline|BTEX|Oxygenates by EPA method 8260B - Quality Control

#### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
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#### Batch 6080105 - EPA 5030B [P/T] / EPA 8260B

Matrix Spike (6080105-MS1)	Source: S608012-33	Prepared & Analyzed: 08/06/06							
Methyl tert-butyl ether	0.0359	0.0050	mg/kg	0.0520	ND	69	60-140		
Benzene	0.0230	0.0050	"	0.0388	ND	59	60-140		QM02
Toluene	0.163	0.0050	"	0.188	ND	87	60-140		
Gasoline Range Organics (C4-C12)	2.35	1.0	"	2.20	ND	107	60-140		
<i>Surrogate: 1,2-DCA-d4</i>	0.0102		"	0.0100		102	60-140		
<i>Surrogate: Toluene-d8</i>	0.0111		"	0.0100		111	60-140		
<i>Surrogate: 4-BFB</i>	0.0102		"	0.0100		102	60-140		
Matrix Spike Dup (6080105-MSD1)	Source: S608012-33	Prepared & Analyzed: 08/06/06							
Methyl tert-butyl ether	0.0254	0.0050	mg/kg	0.0520	ND	49	60-140	34	25
Benzene	0.0215	0.0050	"	0.0388	ND	55	60-140	7	25
Toluene	0.156	0.0050	"	0.188	ND	83	60-140	4	25
Gasoline Range Organics (C4-C12)	2.24	1.0	"	2.20	ND	102	60-140	5	25
<i>Surrogate: 1,2-DCA-d4</i>	0.0104		"	0.0100		104	60-140		
<i>Surrogate: Toluene-d8</i>	0.0111		"	0.0100		111	60-140		
<i>Surrogate: 4-BFB</i>	0.0103		"	0.0100		103	60-140		

#### Batch 6080111 - EPA 5030B [P/T] / EPA 8260B

Blank (6080111-BLK1)	Prepared & Analyzed: 08/06/06				
Ethanol	ND	10	mg/kg		
Tert-butyl alcohol	ND	2.5	"		
Methyl tert-butyl ether	ND	0.25	"		
Di-isopropyl ether	ND	0.50	"		
Ethyl tert-butyl ether	ND	0.25	"		
Tert-amyl methyl ether	ND	0.25	"		
1,2-Dichloroethane	ND	0.25	"		
1,2-Dibromoethane (EDB)	ND	0.25	"		
Benzene	ND	0.25	"		
Ethylbenzene	ND	0.25	"		
Toluene	ND	0.25	"		
Xylenes (total)	ND	0.50	"		
Gasoline Range Organics (C4-C12)	ND	50	"		
<i>Surrogate: 1,2-DCA-d4</i>	0.00990		"	0.0100	99 60-140
<i>Surrogate: Toluene-d8</i>	0.0129		"	0.0100	129 60-140
<i>Surrogate: 4-BFB</i>	0.00893		"	0.0100	89 60-140

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### Gasoline|BTEX|Oxygenates by EPA method 8260B - Quality Control

#### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Notes
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#### Batch 6080111 - EPA 5030B [P/T] / EPA 8260B

<b>Blank (6080111-BLK2)</b>		Prepared: 08/07/06 Analyzed: 08/08/06				
Ethanol	ND	0.20	mg/kg			
Tert-butyl alcohol	ND	0.050	"			
Methyl tert-butyl ether	ND	0.0050	"			
Di-isopropyl ether	ND	0.010	"			
Ethyl tert-butyl ether	ND	0.0050	"			
Tert-amyl methyl ether	ND	0.0050	"			
1,2-Dichloroethane	ND	0.0050	"			
1,2-Dibromoethane (EDB)	ND	0.0050	"			
Benzene	ND	0.0050	"			
Ethylbenzene	ND	0.0050	"			
Toluene	ND	0.0050	"			
Xylenes (total)	ND	0.010	"			
Gasoline Range Organics (C4-C12)	ND	1.0	"			
<i>Surrogate: 1,2-DCA-d4</i>	0.00957	"	0.0100	96	60-140	
<i>Surrogate: Toluene-d8</i>	0.0106	"	0.0100	106	60-140	
<i>Surrogate: 4-BFB</i>	0.00981	"	0.0100	98	60-140	

<b>Blank (6080111-BLK3)</b>		Prepared & Analyzed: 08/08/06				
Ethanol	ND	0.20	mg/kg			
Tert-butyl alcohol	ND	0.050	"			
Methyl tert-butyl ether	ND	0.0050	"			
Di-isopropyl ether	ND	0.010	"			
Ethyl tert-butyl ether	ND	0.0050	"			
Tert-amyl methyl ether	ND	0.0050	"			
1,2-Dichloroethane	ND	0.0050	"			
1,2-Dibromoethane (EDB)	ND	0.0050	"			
Benzene	ND	0.0050	"			
Ethylbenzene	ND	0.0050	"			
Toluene	ND	0.0050	"			
Xylenes (total)	ND	0.010	"			
Gasoline Range Organics (C4-C12)	ND	1.0	"			
<i>Surrogate: 1,2-DCA-d4</i>	0.0101	"	0.0100	101	60-140	
<i>Surrogate: Toluene-d8</i>	0.0108	"	0.0100	108	60-140	
<i>Surrogate: 4-BFB</i>	0.00964	"	0.0100	96	60-140	

TestAmerica - Sacramento, CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

Delta Environmental Consultants - San Jose  
175 Bernal Rd, Suite 200  
San Jose CA, 95119

Project: Shell 8999 San Ramon, Dublin  
Project Number: 97565995  
Project Manager: Lee Dooly

S608022  
Reported:  
08/15/06 14:17

### Gasoline|BTEX|Oxygenates by EPA method 8260B - Quality Control

#### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6080111 - EPA 5030B [P/T] / EPA 8260B

<b>Laboratory Control Sample (6080111-BS1)</b>						Prepared & Analyzed: 08/06/06				
Methyl tert-butyl ether	0.0381	0.0050	mg/kg	0.0500		76	60-140			
Benzene	0.0478	0.0050	"	0.0500		96	70-130			
Toluene	0.0493	0.0050	"	0.0500		99	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	<i>0.00994</i>		"	<i>0.0100</i>		<i>99</i>	<i>60-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0104</i>		"	<i>0.0100</i>		<i>104</i>	<i>60-140</i>			
<i>Surrogate: 4-BFB</i>	<i>0.0101</i>		"	<i>0.0100</i>		<i>101</i>	<i>60-140</i>			
<b>Laboratory Control Sample (6080111-BS2)</b>						Prepared & Analyzed: 08/06/06				
Methyl tert-butyl ether	0.0371	0.0050	mg/kg	0.0520		71	60-140			
Toluene	0.168	0.0050	"	0.188		89	70-130			
Gasoline Range Organics (C4-C12)	2.43	1.0	"	2.20		110	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	<i>0.0105</i>		"	<i>0.0100</i>		<i>105</i>	<i>60-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0106</i>		"	<i>0.0100</i>		<i>106</i>	<i>60-140</i>			
<i>Surrogate: 4-BFB</i>	<i>0.0101</i>		"	<i>0.0100</i>		<i>101</i>	<i>60-140</i>			
<b>Laboratory Control Sample (6080111-BS3)</b>						Prepared: 08/08/06	Analyzed: 08/09/06			
Methyl tert-butyl ether	0.0401	0.0050	mg/kg	0.0500		80	60-140			
Benzene	0.0489	0.0050	"	0.0500		98	70-130			
Toluene	0.0509	0.0050	"	0.0500		102	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	<i>0.0108</i>		"	<i>0.0100</i>		<i>108</i>	<i>60-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0105</i>		"	<i>0.0100</i>		<i>105</i>	<i>60-140</i>			
<i>Surrogate: 4-BFB</i>	<i>0.00985</i>		"	<i>0.0100</i>		<i>98</i>	<i>60-140</i>			
<b>Laboratory Control Sample (6080111-BS4)</b>						Prepared & Analyzed: 08/08/06				
Methyl tert-butyl ether	0.0374	0.0050	mg/kg	0.0520		72	60-140			
Toluene	0.179	0.0050	"	0.188		95	70-130			
Gasoline Range Organics (C4-C12)	2.51	1.0	"	2.20		114	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	<i>0.0105</i>		"	<i>0.0100</i>		<i>105</i>	<i>60-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0107</i>		"	<i>0.0100</i>		<i>107</i>	<i>60-140</i>			
<i>Surrogate: 4-BFB</i>	<i>0.00933</i>		"	<i>0.0100</i>		<i>93</i>	<i>60-140</i>			

TestAmerica - Sacramento, CA

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Delta Environmental Consultants - San Jose  
175 Bernal Rd, Suite 200  
San Jose CA, 95119

Project: Shell 8999 San Ramon, Dublin  
Project Number: 97565995  
Project Manager: Lee Dooly

S608022  
Reported:  
08/15/06 14:17

### Gasoline|BTEX|Oxygenates by EPA method 8260B - Quality Control

#### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6080111 - EPA 5030B [P/T] / EPA 8260B

<b>Laboratory Control Sample Dup (6080111-BSD1)</b>					Prepared & Analyzed: 08/07/06				
Methyl tert-butyl ether	0.0411	0.0050	mg/kg	0.0500	82	60-140	8	25	
Benzene	0.0477	0.0050	"	0.0500	95	70-130	0.2	25	
Toluene	0.0514	0.0050	"	0.0500	103	70-130	4	25	
<i>Surrogate: 1,2-DCA-d4</i>	<i>0.0102</i>		"	<i>0.0100</i>	<i>102</i>	<i>60-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0103</i>		"	<i>0.0100</i>	<i>103</i>	<i>60-140</i>			
<i>Surrogate: 4-BFB</i>	<i>0.0100</i>		"	<i>0.0100</i>	<i>100</i>	<i>60-140</i>			

<b>Laboratory Control Sample Dup (6080111-BSD2)</b>					Prepared & Analyzed: 08/07/06				
Methyl tert-butyl ether	0.0347	0.0050	mg/kg	0.0520	67	60-140	7	25	
Toluene	0.176	0.0050	"	0.188	94	70-130	5	25	
Gasoline Range Organics (C4-C12)	2.46	1.0	"	2.20	112	70-130	1	25	
<i>Surrogate: 1,2-DCA-d4</i>	<i>0.00987</i>		"	<i>0.0100</i>	<i>99</i>	<i>60-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0110</i>		"	<i>0.0100</i>	<i>110</i>	<i>60-140</i>			
<i>Surrogate: 4-BFB</i>	<i>0.00984</i>		"	<i>0.0100</i>	<i>98</i>	<i>60-140</i>			

<b>Matrix Spike (6080111-MS1)</b>	<b>Source: S608097-06</b>	Prepared: 08/06/06 Analyzed: 08/07/06							
Methyl tert-butyl ether	0.0384	0.0050	mg/kg	0.0500	ND	77	60-140		
Benzene	0.0349	0.0050	"	0.0500	ND	70	60-140		
Toluene	0.0356	0.0050	"	0.0500	ND	71	60-140		
<i>Surrogate: 1,2-DCA-d4</i>	<i>0.00986</i>		"	<i>0.0100</i>	<i>99</i>	<i>60-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0104</i>		"	<i>0.0100</i>	<i>104</i>	<i>60-140</i>			
<i>Surrogate: 4-BFB</i>	<i>0.00974</i>		"	<i>0.0100</i>	<i>97</i>	<i>60-140</i>			

<b>Matrix Spike Dup (6080111-MSD1)</b>	<b>Source: S608097-06</b>	Prepared: 08/06/06 Analyzed: 08/07/06							
Methyl tert-butyl ether	0.0299	0.0050	mg/kg	0.0500	ND	60	60-140	25	25
Benzene	0.0249	0.0050	"	0.0500	ND	50	60-140	33	25
Toluene	0.0257	0.0050	"	0.0500	ND	51	60-140	32	25
<i>Surrogate: 1,2-DCA-d4</i>	<i>0.0107</i>		"	<i>0.0100</i>	<i>107</i>	<i>60-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0104</i>		"	<i>0.0100</i>	<i>104</i>	<i>60-140</i>			
<i>Surrogate: 4-BFB</i>	<i>0.00961</i>		"	<i>0.0100</i>	<i>96</i>	<i>60-140</i>			

Delta Environmental Consultants - San Jose  
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Project: Shell 8999 San Ramon, Dublin  
Project Number: 97565995  
Project Manager: Lee Dooly

S608022  
Reported:  
08/15/06 14:17

#### Notes and Definitions

- QM02 The spike recovery was below control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- E The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
- CC02 The result was reported with a possible low bias due to the continuing calibration verification falling outside the acceptance criteria.
- 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

**Attachment H**

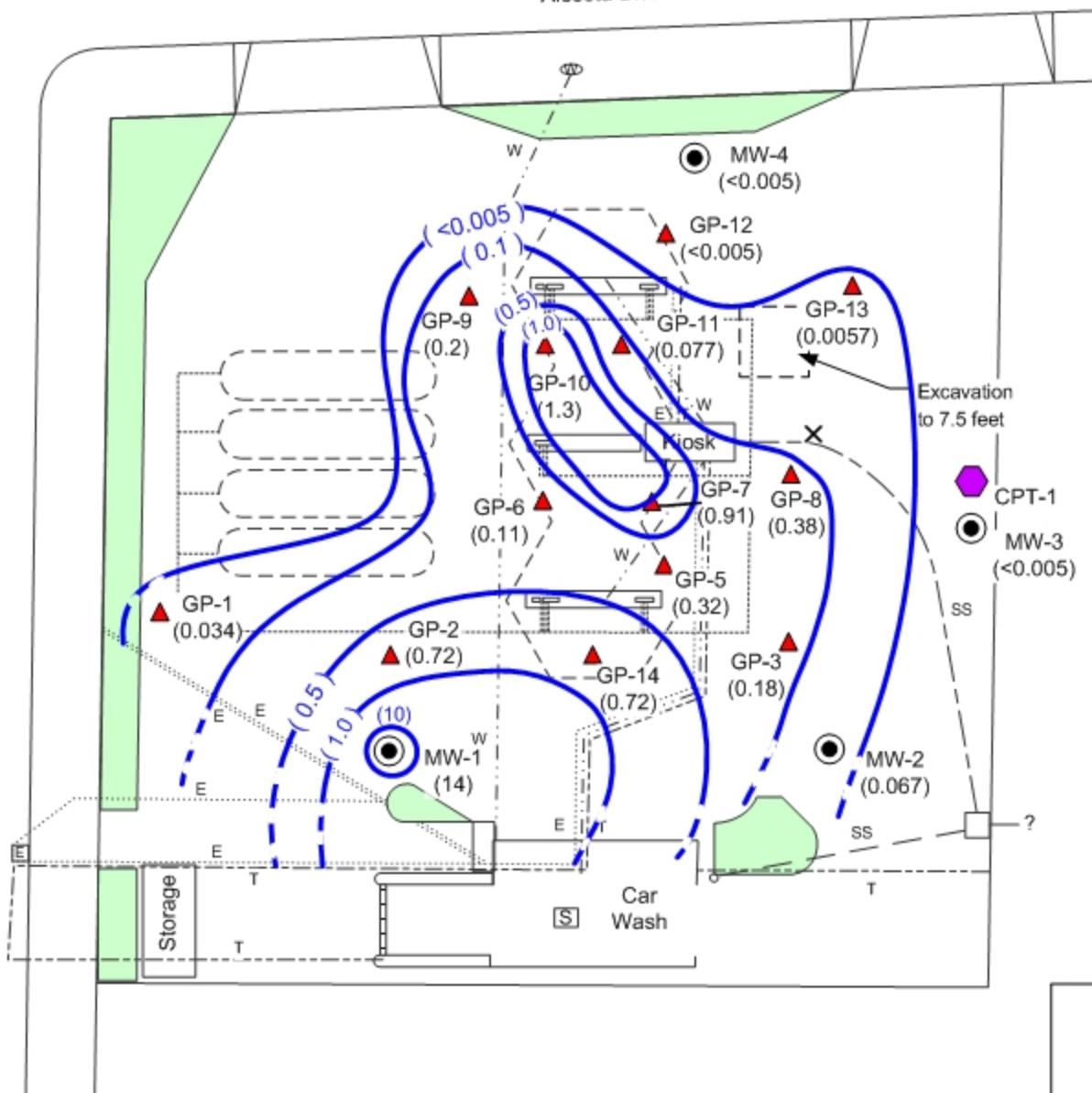
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**HISTORICAL MTBE IN SOIL ISO-CONCENTRATION MAPS**



Alcosta Blvd.

San Ramon Road

LEGEND

- GEOPROBE BORING
- GROUNDWATER MONITORING WELL
- MTBE SOIL CONCENTRATION (MG/KG)  
MAY 2005
- 0.1 MTBE SOIL CONCENTRATION  
CONTOUR
- CONE PENETROMETER TEST BORING
- HAND-AUGURED SAMPLE OF SANITARY  
SEWER BACKFILL
- SANITARY SEWER
- WATER SHUT-OFF
- PRODUCT PIPING AND TRENCH
- ELECTRICAL LINE (E)
- SANITARY SEWER LINE (SS)
- WATER LINE (W)
- TELECOMMUNICATIONS LINE (T)

FIGURE 1

MTBE SOIL CONCENTRATION CONTOURS  
(10 FEET BELOW GRADE)

SHELL-BRANDED SERVICE STATION

8999 San Ramon Road

Dublin, California

0 30 FT  
APPROX. SCALE

PROJECT NO.

SJ89-99S-1.2005

DRAWN BY

JL 06/20/2005

FILE NO.

SJ89-99S-1.2005

PREPARED BY

JL

REVISION NO.

1

REVIEWED BY

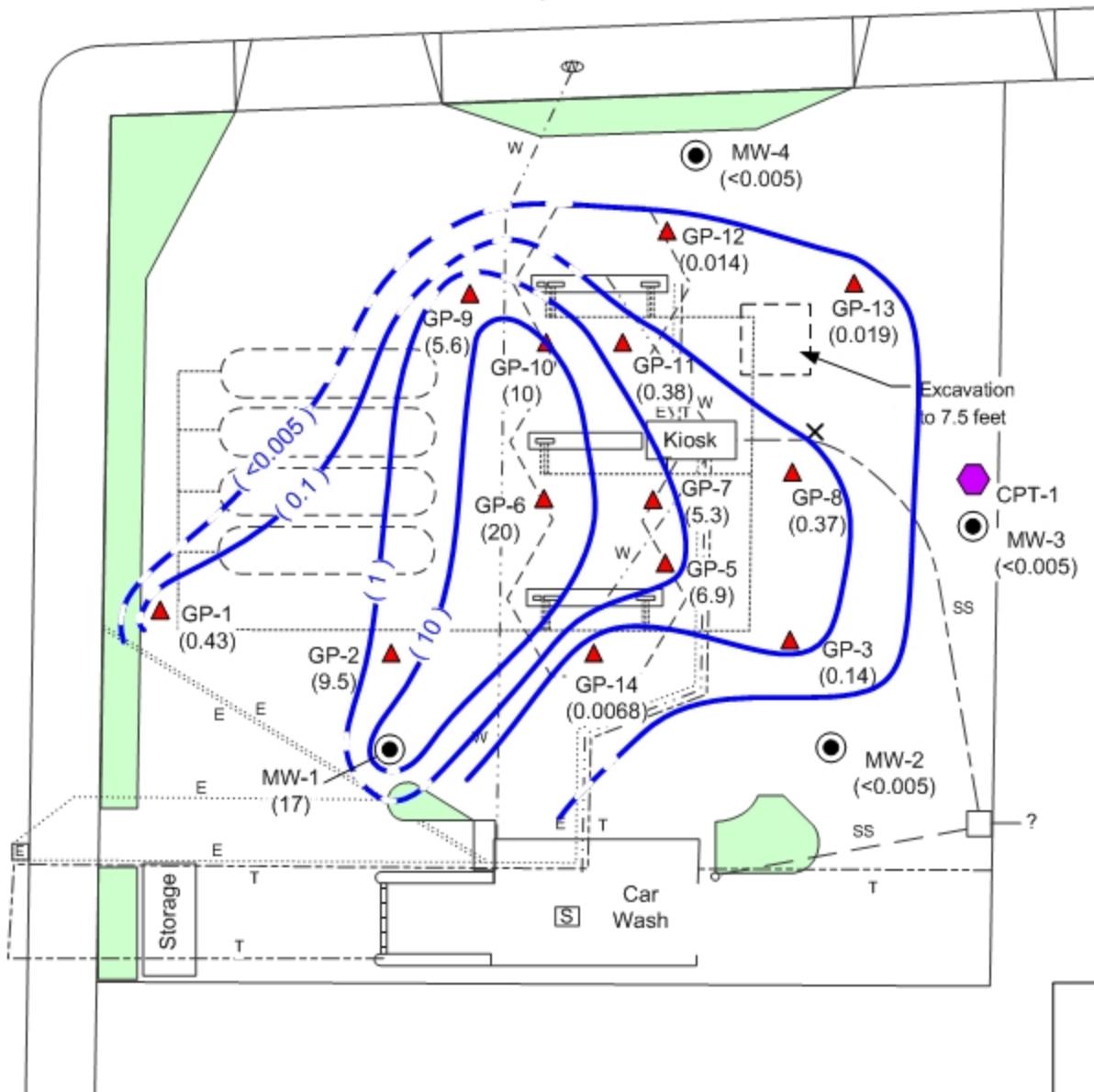
LD





Alcosta Blvd.

San Ramon Road

**LEGEND**

- ▲ **GEOPROBE BORING**
- **GROUNDWATER MONITORING WELL**
- (0.14) **MTBE SOIL CONCENTRATION (MG/KG)  
MAY 2005**
- 0.1 **MTBE SOIL CONCENTRATION  
CONTOUR**
- ◆ **CONE PENETROMETER TEST BORING**
- × **HAND-AUGURED SAMPLE OF SANITARY  
SEWER BACKFILL**
- [S] **SANITARY SEWER**
- ☒ **WATER SHUT-OFF**
- **PRODUCT PIPING AND TRENCH**
- ..... **ELECTRICAL LINE (E)**
- - - **SANITARY SEWER LINE (SS)**
- - - - **WATER LINE (W)**
- - - - - **TELECOMMUNICATIONS LINE (T)**

0 30 FT  
APPROX. SCALE

**FIGURE 2****MTBE SOIL CONCENTRATION CONTOURS  
(15 FEET BELOW GRADE)****SHELL-BRANDED SERVICE STATION**

8999 San Ramon Road

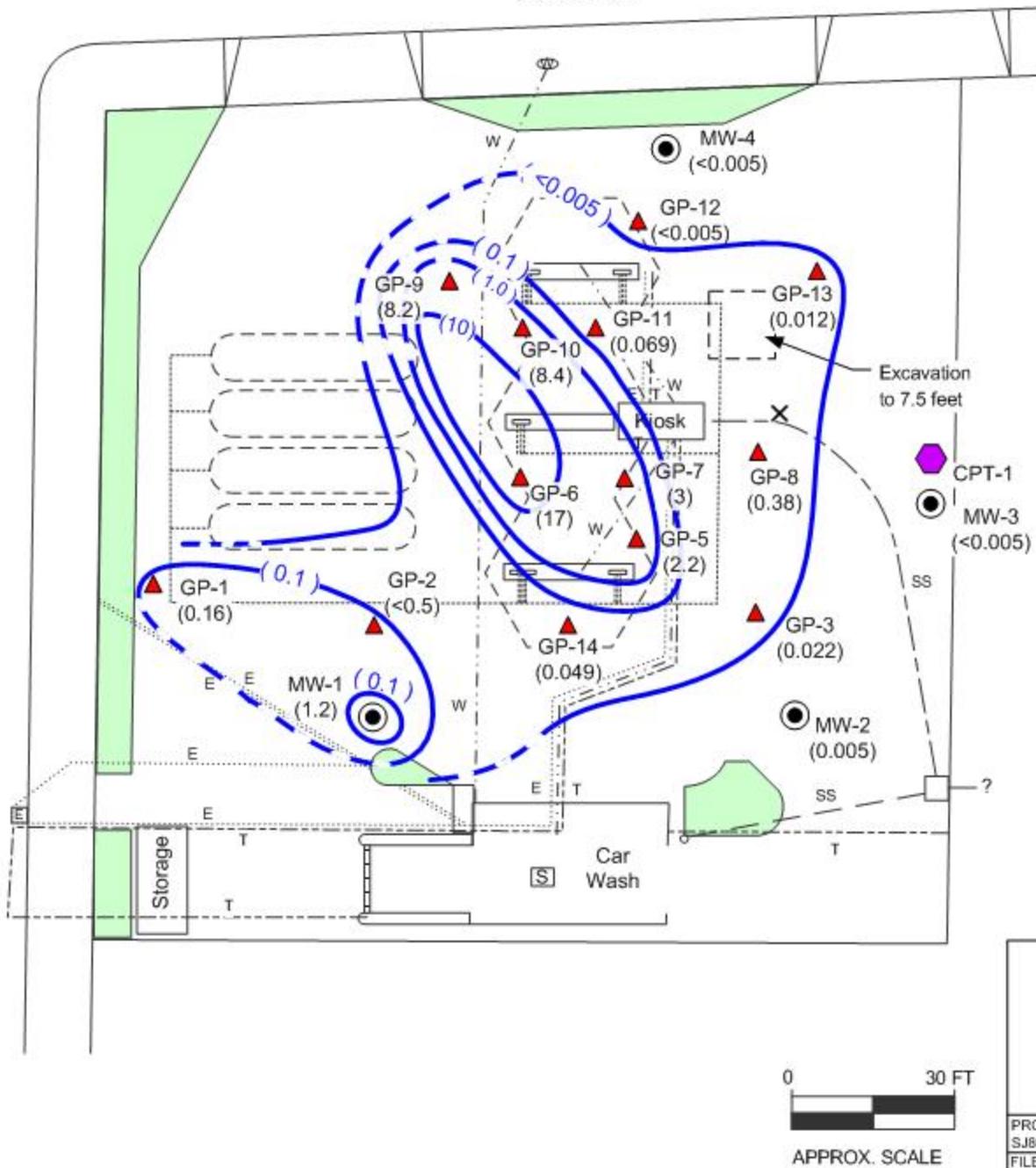
Dublin, California

PROJECT NO. SJ89-99S-1.2005	DRAWN BY JL 06/20/2005	
FILE NO. SJ89-99S-1.2005	PREPARED BY JL	
REVISION NO. 1	REVIEWED BY LD	



Alcosta Blvd.

San Ramon Road

**LEGEND**

- GEOPROBE BORING**
- GROUNDWATER MONITORING WELL**
- MTBE SOIL CONCENTRATION (MG/KG)  
MAY 2005**
- MTBE SOIL CONCENTRATION  
CONTOUR**
- CONE PENETROMETER TEST BORING**
- HAND-AUGURED SAMPLE OF SANITARY  
SEWER BACKFILL**
- SANITARY SEWER**
- WATER SHUT-OFF**
- PRODUCT PIPING AND TRENCH**
- ELECTRICAL LINE (E)**
- SANITARY SEWER LINE (SS)**
- WATER LINE (W)**
- TELECOMMUNICATIONS LINE (T)**

FIGURE 3

MTBE SOIL CONCENTRATION CONTOURS  
(20 FEET BELOW GRADE)

SHELL-BRANDED SERVICE STATION

8999 San Ramon Road

Dublin, California

PROJECT NO. SJ89-99S-1.2005	DRAWN BY JL 06/20/2005	
FILE NO. SJ89-99S-1.2005	PREPARED BY JL	
REVISION NO. 1	REVIEWED BY LD	