Shell Oil Products US

February 21, 2006

Re: **Initial Site Conceptual Model (February 2006)**
Shell-branded Service Station
11989 Dublin Blvd
Dublin, California

Dear Mr. Jerry Wickham:

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Sincerely,
Shell Oil Products US

Denis L. Brown
Project Manager

20945 S. Wilmington Avenue, Carson, CA 90810 P: (559) 645-9306; F: (559) 645-5643

Shell Oil Products US
Initial Site Conceptual Model (February 2006)
Shell-branded Service Station
11989 Dublin Blvd., Dublin, California

Explanation of abbreviations at bottom of table.

	DESCRIPTION	Data Tables	Graphics	Reference	Data Gaps	Work Necessary to fill data gap	Comments
Regional Setting	**Geology/Stratigraphy** The site is near the northwestern edge of the Livermore Valley. A topographic map of the site area is provided. A geologic map covering the site area is also included (California DWR Bulletin 118-2). The site is located on what is mapped as Younger Alluvial Fan Deposits (Qyf). Qyf deposits are described in Bulletin 118-2 as "collovial fill in narrow canyons. Unconsolidated, moderately sorted, permeable fine sand and silt, with gravel becoming more abundant toward fan heads and within canyons." A large number of boring logs and Water Well Drillers Reports for the site area were contained in Cambria Environmental Technology, Inc. (Cambria) report titled Potential Receptor Survey and Conduit Study dated November 8, 2000. The boring logs for environmental investigations show the site area to underlain by clay with lesser amounts of silt, silty sand, and silty gravel to the total depth explored of 30 feet bg. Water Well Drillers Reports show the site area to be underlain to a depth of 30 to 60 feet of clay. A thin gravel and/or sand layer, approximately 10 feet thick was typically encountered beneath the clay layer.		Surficial geology map USGS topographic map	DWR Bulletin 118-2 Cambria Environmental Technology, Inc. (November 8, 200)	None	None	
	Hydrogeology The site located on the western edge of the Dublin subbasin of the Livermore Valley Groundwater Basin. The Dublin subbasin is bounded on the west by non-watering bearing marine sediments. Groundwater in the Dublin subbasin is both confined and unconfined. In the shallower, unconfined aquifers, groundwater is generally about 20 feet below ground surface and has a potentiometric surface which slopes to the southeast. The potentiometric surface of the deeper, confined aquifers is about 80 feet below grade and slopes southward. Logs for borings in the site area indicate that first groundwater is typically encountered at a depth of 15 to 20 feet bg.		Zone 7 groundwater contour map Subbasin Map	Zone 7 DWR Bulletin 118-2 Cambria Environmental Technology, Inc. (November 8, 200)	None	None	
	Groundwater Pumping Groundwater pumping in the site area has been greatly reduced as the result of urbanization. The only remaining wells appear to be a few domestic irrigation wells in a small undeveloped area south of Interstate 580. No municipal groundwater supply wells have been identified within ½-mile of the site. First encountered groundwater is contained within fine-grained clay and silt deposits. Yield from the first encountered groundwater is estimated to be less than 0.5 gallons per minute.			DWR Water Well Drillers Reports (confidential) *Potential Receptor Survey and Conduit Study*, Cambria, November 8, 2000.	None	None	Site not within influence of any pumping wells.
	Preferential Pathways Well Survey – In 2000, Cambria prepared a Area Well Survey Map and accompanying table identifying wells in the site area. No municipal	Table 1, Well Survey	Area Well Survey map (Cambria, 2000)	*Potential Receptor Survey and Conduit Study*, Cambria, 2000	None	None	

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	or other water supply wells were identified within a ½-mile radius of the site. The nearest domestic well was shown to be located approximately 1,000 feet of the site (Number 62 on the Cambria map). The nearest irrigation well was reported to be located approximately 1,400 feet north of the site. Delta Environmental Consultants, Inc. (Delta) requested a Well Location Map from Zone 7 in 2005. No municipal or private water supply wells are identified within ½-mile of the site. The nearest "other designated" water supply well is shown as Well 3S/1W 2K4 located approximately 750 feet southwest of the site. A second well with the same designation (3S/1W 2K8), is shown located approximately 950 feet west the site. Nine additional "other designation" water supply wells (3S/1W 2K5, 2K6, 2K7, 2K11, 2P3, 2Q03, 2Q02, 2Q01, and 2R2) are shown on the map at distances ranging from 1,000 feet to 2,150 feet west/southwest of the site. In September 2005, Delta performed a field verification study in an attempt to confirm the location of water supply identified on the 2005 Zone 7 Well Location Map. Delta was able to only field verify one well within ½-mile of the site. Well 3S/1W 2Q03 appears to be a private domestic irrigation well approximately 1,900 feet southwest of the site. No information is available regarding well construction. The other wells are considered destroyed. Utility Survey – Cambria identified gas, storm drain, water, sanitary sewer, and electric lines in the site area. A site utility map is attached. The map indicates the depth of each utility is buried. The deepest trench appears to be associated with the sanitary sewer located on the north side of Dublin Boulevard, cross-gradient of the site (9.5 feet bg). The deepest utility downgradient of the site is a storm drain of the eastern side of San Ramon Road (48 inches bg). Analysis – There appears to be only one pumping water supply well within ½-mile of the site. The well is cross-gradient of the site and is a low yield private well. The well has a low potential to act as a vertical groundwater conduit. Utility conduits are well above the depth of shallowest groundwater (20 feet) and should not act as horizontal contaminant conduits.		Zone 7 Well Location Map (2005) Map Legend Delta field verification map and table Site Utility Map (Cambria)	Zone 7 Cambria, Groundwater Monitoring Report-Second Quarter 2004, May 28, 2004			
	Nearby Release Sites Chevron, 7007 San Ramon Road, Dublin, California Geotracker identifies an operating Chevron service station located on the northeast corner of San Ramon Road and Dublin Boulevard. The Chevron station appears to be cross gradient of the Shell site. Depth to groundwater beneath the Chevron station on September 16, 2004 ranged from 22.63 to 26.64 feet bg. The predominant groundwater flow direction based on the distribution of monitoring wells appears to be to the east. The predominant groundwater flow direction beneath the Shell site has been to the east. The maximum concentration of MTBE detected in samples collected on 3/23/05 was 1.0 ug/l.	Geotracker Report Depth to Groundwater	Site map (Cambria)	Geotracker	Groundwater elevation contour map(s) to confirm groundwater flow to the east.	Obtain map from Alameda County Environmental Health Agency	

	DESCRIPTION	Data Tables	Graphics	Reference	Data Gaps	Work Necessary to fill data gap	Comments
Site Setting	**Site Geology** Site geologic conditions are consistent with data from other nearby environmental investigation sites. The site is underlain predominantly by clay with lesser amounts of silt and silty fine sand to a depth of approximately 60 feet bg. A hydrogeologic cross section is provided. See Boring and Well Location Map for the location of the cross section A-A'. A thin 5- to 10-foot thick layer of fine sand is found at a depth of 60 to 70 feet bg. Delta's field procedures for collection of soil and groundwater samples are provided (Field Methods).	Boring and Well Location Map	Boring Logs by Cambria SB-1 (Cambria; 11/19/97) SB-2 (Cambria; 11/19/97) SB-3 (Cambria; 11/19/97) SB-4 (Cambria; 11/19/97) SB-1 (Cambria; 8/5/98) SB-2 (Cambria; 8/5/98) SB-1 (Cambria 4/1/03) SB-2 (Cambria 4/1/03) SB-3 (Cambria 4/1/03) MW-1 (Cambria 6/9/99) MW-2 (Cambria 6/8/99) MW-3 (Cambria 6/8/99) MW-4 (Cambria 7/26/01) Drilling permits B-1 (Delta; 7/8/05) B-2 (Delta; 7/8/05) B-3 (Delta; 7/8/05) B-4 (Delta; 7/8/05) B-5 (Delta; 7/8/05) GP-3 (Delta; 11/4/05) MW-5 (Delta; 12/19/05) CPT Logs CPT-01, -04, and -06 (11/1/05) CPT-02, -03, and -05 (12/19/05) Geologic Cross Section A-A'	*Subsurface Investigation Report*; Cambria; February 24, 1998 *Secondary Subsurface Investigation Report*; Cambria; February 3, 1999 *Well Installation Report*; Cambria; February 29, 2000 *Offsite Monitoring Well Installation Report and Site Conceptual Model*; Cambria; September 26, 2001 *Subsurface Investigation and Groundwater Monitoring Report – Second Quarter 2003*; Cambria; June 19, 2003	None	None	
	Groundwater Conditions Groundwater was first encountered in site borings in fine-grained soils at a depth of 20 to 25 feet bg. Water levels in borings typically stabilized at a depth of approximately 20 feet bg. Three groundwater monitoring wells (MW-1 through MW-3) have been installed on site. One well (MW-4) was installed off-site across San Ramon Road. Well MW-5 was located east of San Ramon Road, downgradient of the methyl tert-butyl ether (MTBE) and tert-butanol (TBA) plume. Well construction data is provided on the attached table. Depth to water was most recently measured in the wells on January 6, 2006. On January 6, 2006, depths to groundwater in Wells MW-2 through MW-5 were 18.94, 19.40, 22.55, and 22.77 feet, respectively. A zone of shallow perched groundwater exists in the area of Well MW-1. Depth to groundwater in Well MW-1 has historically ranged from 5 to 6 feet bg. The well has been deleted from the site quarterly	MW Construction Details Historic Groundwater Elevation data	Groundwater Elevation Contour Maps April 14, 2005 July 21, 2005 November 8, 2005 January 6, 2006	*Quarterly Monitoring Report – Second Quarter 2005*; Delta; July 20, 2005 *Quarterly Monitoring Report – Third Quarter 2005*; Delta, October 15, 2005 Quarterly Monitoring Report – Fourth Quarter 2005; Delta, January 12, 2006 Draft Quarterly Monitoring Report,			

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	monitoring program with the permission of Alameda County Environmental Health (ACEH). Groundwater samples from the sand layer below a depth of 60 feet bg were collected using CPT equipment. Delta was often unable to collect a groundwater sample from the overlying clay layer. The groundwater flow direction in the first groundwater encountered beneath the site has consistently been to the east. This flow direction appears consistent with groundwater beneath the adjacent Chevron station. A rose diagram of historic flow directions is provided on the attached groundwater contour map for April 9, 2004 (Cambria). Groundwater elevation contours for the last four monitoring events are attached.		Groundwater Elevation Contour Map, April 9, 2004 (Cambria)	First Quarter 2006 *Groundwater Monitoring Report – Second Quarter 2004*; Cambria; May 28, 2004			
	Source Area The source area of petroleum hydrocarbons, MTBE, and TBA has been defined. In June 1997, Cambria sampled soil beneath removed dispensers and product piping (see attached map). Only one sample from beneath dispensers contained more than 100 mg/kg TPH-G or TPH-D. The soil sample from beneath the northwestern dispenser (P-4) contained 160 mg/kg TPH-D. One soil sample from beneath product piping contained TPH-G and TPH-D above 100 mg/kg. The soil sample from adjacent to the southeastern dispenser (P-3) contained TPH-G and TPH-D at 690 and 12,000 mg/kg, respectively. Analyses for fuel oxygenates were not performed.	Summary of Soil Analytical Data	Soil sampling location	*Stockpile, Piping, and Dispenser Soil Sampling Report*; Cambria; August 4, 1997	None	None	
	Nine borings were drilled on site during the period of 1997 through 1999. Three borings were converted to groundwater monitoring wells. Petroleum hydrocarbons and MTBE were generally not detected in soil samples from a depth of less than 20 feet bg. On October 22, 2004, Shell received a Periodic Test fail alarm for the regular grade fuel UST. On October 25, 2004 the UST was emptied. On November 11, 2004 the tank was washed and triple rinsed. No holes in the tank were observed. An Unauthorized Release Report was submitted to ACEH dated November 3, 2004. Minor repairs were made to the tank and it was placed back in service on December 15, 2004.	Summary of Soil Analytical Data	Boring and well location map	See "Site Geology" above			
	In July 2005, Delta advanced five direct push borings adjacent to the site fuel USTs (B-1 through B-5) in anticipation for their removal. Borings were advanced to a depth of 20 feet bg. TPH-G was below the laboratory reporting limit for all soil samples from the borings. TPH-D was detected in soil samples at a maximum of 2.3 mg/kg. MTBE and TBA were detected at maximum concentrations of 0.47 and 2.5 mg/kg, respectively. Soil analytical results are summarized on the attached table. On August 18, 2005, Delta collected soil samples from beneath the four former fuel USTs, beneath former fuel dispensers, and in former product piping trenches. The results of soil analyses were presented and discussed in Delta's report dated October 25, 2005. The highest	Summary of Soil Analytical Data Summary of Soil Analytical Data	Boring and well location map Laboratory Analytical Reports Soil sampling location map	*See "Site Geology" above* *Underground Storage Tank, Product Piping, and Dispenser Removals Report*; Delta; October 25, 2005			

	DESCRIPTION	Data Tables	Graphics	Reference	Data Gaps	Work Necessary to fill data gap	Comments
	concentrations of petroleum hydrocarbons and TBA were detected in soil samples from the southwest corner of the excavation. MTBE was detected only one sample (0.013 mg/kg). The maximum concentration of TPH-G and TBA were 4,600 and 21 mg/kg (see over excavation discussion below). The only analytes detected in samples from beneath dispensers and product piping trenches were TPH-G and TPH-D at less than 50 mg/kg. MTBE and TBA were not detected in any of the soil samples.						
	Dissolved plume **First encountered groundwater (20 feet bg)** A dissolved TPH-G, TPH-D, MTBE, and TBA plume exists in first encountered groundwater beneath the site. Dissolved MTBE and TBA extend from the area of the site USTs eastward across San Ramon Road and beneath the adjacent restaurant property. In August 1998, a grab groundwater sample was collected from boring SB-1 located immediately downgradient of the site USTs. TPH-G was detected in the water sample at 140,000 ug/l. MTBE was detected at16,000 ug/l. No analysis was performed for TBA. TPH-G remains in the area of SB-1 at 6,650 ug/l (Well MW-2, 1/6/06). MTBE has declined to 9.23 ug/l and TBA is currently detected in Well MW-2 at 1,300 ug/l. Well MW-4 is located in San Ramon Road, approximately 120 feet downgradient of the site. In January 2006, TPH-G was below the laboratory detection limit. MTBE and TBA were detected at 2.75 ug/l and 302 ug/l, respectively. In April 2003, Cambria drilled three soil borings on the restaurant property on the east side of San Ramon Road (SB-1 through SB-3). Boring SB-1 was the furthest downgradient boring, located approximately 315 feet east of the site. TPH-G and MTBE were detected in a grab groundwater sample from boring SB-1 at 100 ug/l and 38 ug/l, respectively. An analysis for TBA was not performed. The most recent monitoring event was performed on January 6, 2006. A graph of historic MTBE and TBA concentrations is attached. The highest concentrations of TPH-G and TBA were detected in the groundwater sample from Well MW-2 at 6,650 ug/l and 1,300 ug/l, respectively. The highest concentration of MTBE was detected the groundwater sample from Well MW-3 at 13.7 ug/l. Well MW-3 is located on the downgradient edge of the station property. TPH-G, MTBE, and TBA were not detected in the groundwater sample from recently installed Well MW-5 located approximately 385 feet downgradient of the site. In general, MTBE and TBA concentrations remain stable or are declining. **Second groundwater zone (60 feet bg)** An approximately 30-foot section of silt and clay separates first encountered groundwater with groundwater in a sandy layer at approximately 60 feet bg. This silt and clay layer appears to act as a barrier to the downward migration of TPH-G, MTBE, and TBA. In November and December 2005, Delta collected seven groundwater	Summary of Groundwater Analytical Data – Borings Summary of Groundwater Analytical Data (GP- and CPT- borings) Summary of Historic Groundwater Analytical Data (1Q06) Lab report for MW-1 Lab report for CPT-1 and -4 Lab report CPT-2,-3, and -5	Maps of Benzene, MTBE, and TBA Concentrations in Groundwater April 17, 2005 July 21, 2005 November 8, 2005 January 6, 2006 Hydrogeologic Cross Section with groundwater analytical data	*Quarterly Monitoring Report – Second Quarter 2005*; Delta; July 20, 2005 *Quarterly Monitoring Report – Third Quarter 2005*; Delta, October 15, 2005 Quarterly Monitoring Report – Fourth Quarter 2005; Delta, January 12, 2006 Draft Quarterly Monitoring Report, First Quarter 2006	Monitoring of Deep Zone	Install one monitoring well downgradient to monitor 60 foot groundwater zone	

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	samples from the second groundwater zone using CPT sampling equipment. TPH-G, MTBE, and TBA were not detected in any of the seven samples.						
	Remediation During the period of August 25 to 30, 2005, Delta directed the over-excavation of the UST pit. The base of the UST pit was lowered to depths ranging from 22 to 24.5 feet bg. A gray clay was encountered beneath most the pit at a depth of approximately 19 to 20 feet bg. Groundwater was encountered at a depth of approximately 23 feet bg. Approximately 1,000 cubic yards of soil were removed and transported to Forward Landfill in Stockton, California for disposal. Delta collected confirmation soil samples from the base of the UST pit for chemical analysis. Results from soil analyses showed that the over-excavation activities had removed the most impacted material. TPH-G concentration in the southwest portion of the excavation was reduced from 4,600 mg/kg (15 feet bg) to <1.0 mg/kg (22 feet bg). In the same portion of the pit, TBA concentration was reduced from 21 mg/kg (15 feet bg) to 0.081 mg/kg (22 feet bg). The highest concentrations of TPH-G and TBA were detected in a confirmation from the base of the central portion of the UST pit. A soil sample (OX-7) contained TPH-G at 420 mg/kg and TBA at 6 mg/kg. The highest concentration of TPH-D was detected in a sample (OX-11 @ 20') from the western portion of the UST pit at 600 mg/kg. Two additional soil samples collected at the same location at 22 and 24.5 feet bg contained TPH-D at 100 and 240 mg/kg, respectively.	Table 1, Summary of Soil Analytical Data	Soil Sampling Map	*Underground Storage Tank, Product Piping, and Dispenser Removals Report*; Delta; October 25, 2005	Select groundwater remediation approach	Evaluate Monitoring and Natural Attenuation as the primary remediation approach.	
	Evaluation of potential impacts to water supply wells The potential for shallow groundwater containing TPH-G, MTBE and TBA to impact a water supply well appears to be low since there are no known municipal groundwater supply wells within ½-mile of the site. Off-site migration appears to be limited to approximately 385 feet east of the site. Site data indicates that silt and clay deposits underlying shallow groundwater have prevented the vertical migration of TPH-G, MTBE, TBA.		Zone 7 Well Location Map (2005)	Zone 7		None	Site outside of well capture zone.
	Recommendations Delta recommends continued monitoring of existing groundwater wells MW-1 through MW-5. Delta recommends the installation of one additional first encountered groundwater monitoring well at the location shown on the attached map. The well (MW-6) will provide an additional monitoring point downgradient of the site. Delta also recommends the installation of one deep downgradient off-site monitoring well (MW-7) to monitor the 60 foot groundwater zone. Delta's field procedures for proposed well installation and proposed well constructions are provided (Field Methods- Well Installations).		Boring and well location map				

Abbreviations
DWR = California Department of Water Resources
Zone 7 = Zone 7 Water District
MTBE = methyl tert-butyl ether
TBA = tert-butanol
bg = below grade
ug/l = micrograms per liter

DESCRIPTION OF UNITS

GRAVEL PITS

Qsc STREAM CHANNEL MATERIAL -- Mainly loose, well-sorted sand and gravel. This material is presently being transported during periods of normal runoff.

Qyf YOUNGER ALLUVIAL FAN DEPOSITS -- Includes colluvial fill in narrow canyons. Unconsolidated, moderately sorted, permeable fine sand and silt, with gravel becoming more abundant toward fan heads and within canyons. Forms well-drained levees which grade headward to stream deposits on terraces cut in Qof. Thickness varies from as much as 50 feet at fan heads and in canyons to about 20 feet where Qyf interfingers with Qyfo and Qb at the outer margins of fans. Locally contains aboriginal artifacts and skeletal remains.

Qyfo YOUNGER FLUVIAL DEPOSITS -- Unconsolidated deposits of fine, but variable grain size--mainly fine sand, silt, and silty clay; intermediate in character and lateral extent between Qb and Qyf. Forms levees and overbank deposits along the San Francisco Bay margin and in Livermore Valley, as well as valley fill in some open canyons. May be in part windblown in the southwestern part of the county. Generally less than 15 feet thick. Overbank deposits locally contain minor amounts of organic matter including fresh-water gastropods and pelecypods.

Qb INTERFLUVIAL BASIN DEPOSITS -- Plastic, poorly sorted, organic-rich clay and silty clay in poorly drained areas marginal to the bay and in Livermore Valley. Interfingers with Qyf, Qyfo, and recent mud of San Francisco Bay. Generally less than 10 feet thick. Locally contains fresh-water gastropods and pelecypods.

Qm MERRITT SAND -- Loose, fine-grained, very well sorted beach and wind-blown sand at Alameda Island and adjacent bay margin near Oakland (Lawson, 1914).

Qof OLDER ALLUVIAL FAN DEPOSITS -- Includes stream terrace deposits in some narrow canyons and on the margins of Livermore Valley. Weathered, weakly consolidated, poorly sorted silt sand and gravel (generally fine grained in northeastern Livermore Valley owing to derivation from friable sandstone bedrock). Less permeable and more poorly drained than younger alluvial fan deposits. Maximum thickness unknown but at least several hundred feet thick near bay margin. Headward portions overlapped by younger deposits on southern bay margin and incised by channels that are partially filled with younger deposits on northern bay margin and in Livermore Valley. Locally contains concentrations of continental vertebrate and invertebrate fossils. Includes the San Antonio Formation of Lawson (1914).

Qom OLDER MUD -- Dark, plastic, semiconsolidated, organic-rich clay and silty clay. Interfingers with Qof. Maximum thickness is unknown but greater than 50 feet near bay margin. Underlies recent mud of San Francisco Bay and locally underlies younger alluvial deposits on bay margin. Locally contains continental vertebrate fossils, fresh-water invertebrate fossils, and plant remains.

QTs DEFORMED OLDER SEDIMENTARY DEPOSITS -- Poorly consolidated to semiconsolidated alluvial deposits of gravel, sand, silt and clay with subordinate fine-grained lacustrine deposits; locally tuffaceous; locally contains abundant remains of continental vertebrate and invertebrate fossils. Maximum thickness unknown but over 5,000 feet in the hills south of Livermore Valley. Includes the Irvington Gravels of Savage (1951) in the Warm Springs and Mission San Jose districts of Fremont, the Livermore Gravels of Clark (1930) south of Livermore Valley, and the Tassajara Formation of Oestereich (1958) north of Livermore Valley.

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Qyfo YOUNGER FLUVIAL DEPOSITS -- Unconsolidated deposits of fine, but variable grain size--mainly fine sand, silt, and silty clay; intermediate in character and lateral extent between Qb and Qyf. Forms levees and overbank deposits along the San Francisco Bay margin and in Livermore Valley, as well as valley fill in some open canyons. May be in part windblown in the southwestern part of the county. Generally less than 15 feet thick. Overbank deposits locally contain minor amounts of organic matter including fresh-water gastropods and pelecypods.

Qb INTERFLUVIAL BASIN DEPOSITS -- Plastic, poorly sorted, organic-rich clay and silty clay in poorly drained areas marginal to the bay and in Livermore Valley. Interfingers with Qyf, Qyfo, and recent mud of San Francisco Bay. Generally less than 10 feet thick. Locally contains fresh-water gastropods and pelecypods.

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

QUADRANGLE LOCATION

Legend

- Domestic Well
- Irrigation Well
- Destroyed/Abandoned Well

North

0 1,800 3,600

Scale, Feet

FIGURE 1

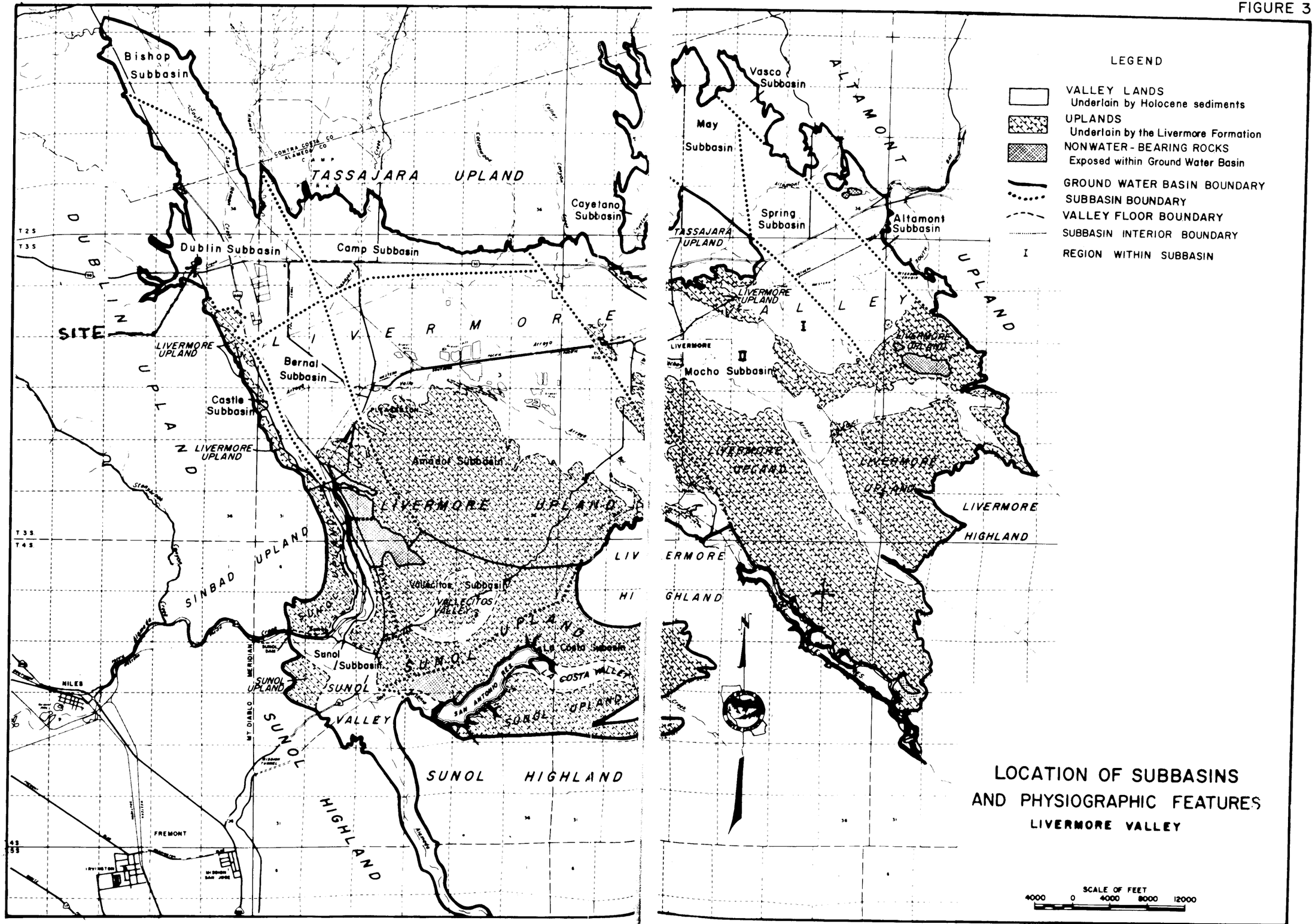
SITE LOCATION MAP

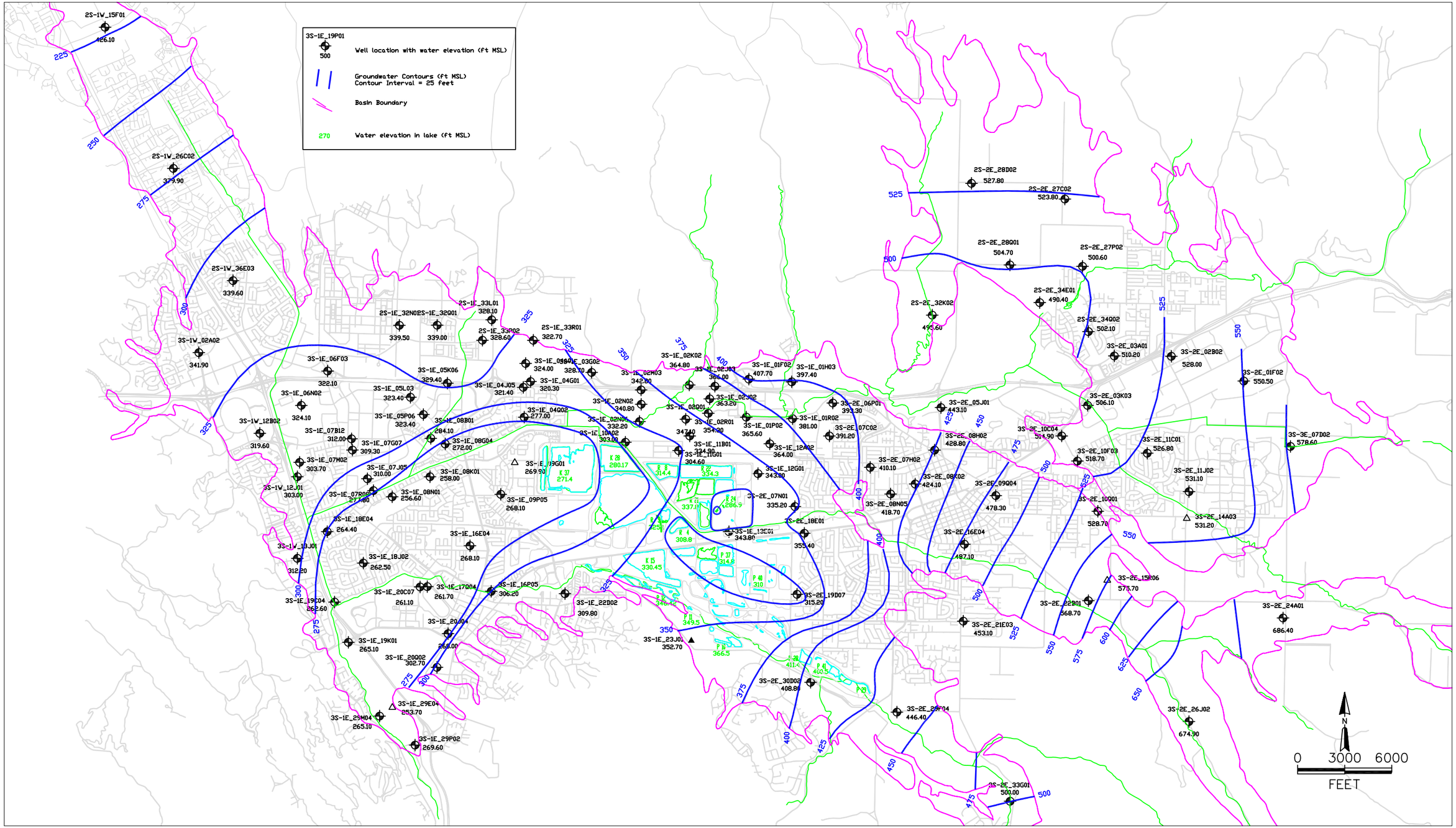
SHELL-BRANDED SERVICE STATION
11989 Dublin Blvd.
Dublin, California

PROJECT NO. SJ11-989-1.2005	DRAWN BY VF 10/22/03
FILE NO. SJ11-989-1.2005	PREPARED BY VF
REVISION NO.	REVIEWED BY

Delta
Environmental
Consultants, Inc.

FIGURE 3


Bishop Subbasin
TASSAJARA UPLAND
Cayetano Subbasin
Dublin Subbasin
Camp Subbasin
T2S
T3S
DUBLIN
SITE
LIVERMORE UPLAND
Bernal Subbasin
LIVERMORE VALLEY
Castle Subbasin
Amador Subbasin
LIVERMORE UPLAND
SINBAD UPLAND
T3S
T4S
Vallecitos Subbasin
VALLECITOS VALLEY
SUNOL UPLAND
Sunol Subbasin
SUNOL VALLEY
La Costa Subbasin
LA COSTA VALLEY
SUNOL UPLAND
SUNOL HIGHLAND
MILES
FREMONT
4S
3S
Vasco Subbasin
ALTAMONT
May Subbasin
Spring Subbasin
Altamont Subbasin
TASSAJARA UPLAND
LIVERMORE UPLAND
ALLEY
LIVERMORE
Mocho Subbasin
LIVERMORE UPLAND
LIVERMORE HIGHLAND
LIVERMORE HIGHLAND
N
LEGEND
VALLEY LANDS
Underlain by Holocene sediments
UPLANDS
Underlain by the Livermore Formation
NONWATER-BEARING ROCKS
Exposed within Ground Water Basin
GROUND WATER BASIN BOUNDARY
SUBBASIN BOUNDARY
VALLEY FLOOR BOUNDARY
SUBBASIN INTERIOR BOUNDARY
I REGION WITHIN SUBBASIN
LOCATION OF SUBBASINS
AND PHYSIOGRAPHIC FEATURES
LIVERMORE VALLEY
SCALE OF FEET
4000 0 4000 8000 12000



ZONE 7 WATER AGENCY 5997 PARKSIDE DRIVE, PLEASANTON, CA 94588	DWN: Tom Rooze DES.: Gerry Gates CHK: APPD:	Semi Annual Groundwater Gradient Map 2003 Water Year, Fall 2003 (September) Upper Aquifer, Livermore Valley Basin, California	FILE: 2003GWUpper.dwg DATE: Aug 5, 2004 FIGURE NUMBER: 4

Table 1. Well Survey Results - Shell-branded Service Station, 11989 Dublin Blvd. Dublin California. Incident # 98995328

LOCATION	Well ID	Installation Date	Owner	Use	Depth (fbg)	Screened Interval (fbg)	Sealed Interval (fbg)
Well Locations provided by the State of California Department of Water Resources							
1	01-488A	February 20, 1991	Target Stores Inc.	MON	20.5	5-20	0-3
2	01-488B	February 20, 1991	Target Stores Inc.	MON	20.5	5-20	0-3
3	01-488C	February 19, 1991	Target Stores Inc.	MON	20.5	5-20	0-3
4	01-488D	February 19, 1991	Target Stores Inc.	MON	23	5-20	0-3
5	01-217M	November 8, 2000	Montgomery Ward	DEST	18		
6	285520	June 13, 1991	Target Stores Inc.	MON	20	5-20	0-3
7	285529	September 19, 1991	Target Stores Inc.	MON	15	4.5-14.5	0-3
8	01-413R	January 11, 1989	Montgomery Ward	MON	21	6-21	0-5
9	01-413S	January 20, 1989	Montgomery Ward	MON	12.5	2-12.5	.1-2
10	01-413T	January 12, 1989	Montgomery Ward	MON	12.5	2-12.5	.1-2
11	01-413U	January 12, 1989	Montgomery Ward	MON	12.5	2-12.5	.1-2
12	01-413V	February 8, 1989	Montgomery Ward	MON	22	6.5-22	0-4
13	01-413W	December 2, 1988	Montgomery Ward	MON	26.5	10.5-26.5	0-9.5
14	01-413X	December 1, 1988	Montgomery Ward	MON	13.5	1-13.5	0-1
15	01-217N	August 15, 1989	Montgomery Ward	MON	23	8-23	0-6
16	01-217O	August 15, 1989	Montgomery Ward	MON	25	10-25	0-8
17	01-555R	December 13, 1993	Enea Plaza	MON	23	8-23	0-8
18	01-490H	May 10, 1991	Stoneridge Chrysler/Plymouth	MON	30	15-30	0-15
19	01-490I	May 10, 1991	Stoneridge Chrysler/Plymouth	MON	30	15-30	0-15
20	01-490J	May 11, 1991	Stoneridge Chrysler/Plymouth	MON	30	15-30	0-15
21	01-490K	May 11, 1991	Stoneridge Chrysler/Plymouth	MON	30	15-30	0-15
22	372623	November 20, 1991	Bedford Properties	MON	30	20-30	0-18
23	3S/1W-2B 1	December 13, 1950	R. Banke	IRR	200		
24	253972D	June 1, 1976	Zone 7 WaterAgency	MON	47	37-42	24-26
25	337044	July 27, 1990	Public Storage Inc.	DEST	80		

Table 1. Well Survey Results - Shell-branded Service Station, 11989 Dublin Blvd. Dublin California. Incident # 98995328

LOCATION	Well ID	Installation Date	Owner	Use	Depth (fbg)	Screened Interval (fbg)	Sealed Interval (fbg)
26	337045	July 27, 1990	Public Storage Inc.	DEST	60		
27	107240	August 7, 1992	Dougherty Regional Fire Authority	DEST	30		
28	107241	August 7, 1992	Dougherty Regional Fire Authority	DEST	30		
29	107242	August 7, 1992	Dougherty Regional Fire Authority	DEST	30		
30	412699A	April 3, 1996	Exxon Company, USA	DEST	25		
31	412699B	April 3, 1996	Exxon Company, USA	DEST	26		
32	412699C	April 3, 1996	Exxon Company, USA	DEST	28		
33	412699D	April 3, 1996	Exxon Company, USA	DEST	26		
34	471514	September 21, 1993	Chevron USA, Inc.	MON	18	3-18	0-2.5
35	425488	September 23, 1993	Dougherty Regional Fire Authority	MON	25	9-24	0-7
36	425486	September 22, 1993	Dougherty Regional Fire Authority	MON	26	10-25	0-8
37	425487	September 24, 1993	Dougherty Regional Fire Authority	MON	26	9-24	0-7
38	340308	March 27, 1990	Chevron USA, Inc.	MON	37	21-36	0-20
39	340307	March 26, 1990	Chevron USA, Inc.	MON	37	22-37	0-20
40	340306	March 26, 1990	Chevron USA, Inc.	MON	37.5	21-36	0-20
41	340305	March 28, 1990	Chevron USA, Inc.	MON	37.5	21-36	0-20
42	364661A	November 7, 1990	Unocal Corp.	MON	20	4-20	0-3
43	364661B	November 6, 1990	Unocal Corp.	MON	24	4-23	0-3
44	364661C	November 6, 1990	Unocal Corp.	MON	20	4-20	0-3
45	364661D	November 6, 1990	Unocal Corp.	MON	20	4-20	0-3
46	33973	July 5, 1979	Dublin Historical Society	DOM	110	60-110	0-30
47	423799	December 6, 1991	Chevron USA, Inc.	MON	35.5	15-35	0-14
48	482155A	November 25, 1992	Chevron USA, Inc.	MON	51.5	22.5-50	0-22
49	482155B	November 24, 1992	Chevron USA, Inc.	MON	31.5	25-30	0-23
50	482155C	November 25, 1992	Chevron USA, Inc.	MON	31.5	25-30	0-23
51	495421A	October 4, 1993	Unocal Corp.	MON	25	10-25	0-8

Table 1. Well Survey Results - Shell-branded Service Station, 11989 Dublin Blvd. Dublin California. Incident # 98995328

LOCATION	Well ID	Installation Date	Owner	Use	Depth (fbg)	Screened Interval (fbg)	Sealed Interval (fbg)
52	495421B	October 4, 1993	Unocal Corp.	MON	25	10-25	0-8
53	405163	September 15, 1992	US Geological Survey	MON	503		0-503
54	11746	November 19, 1948	DeLucci	DOM	72		
55	3S/1W-2B2		C.R. Nisen	UNK	33		
56	3S/1W-2K		C.R. Nisen	UNK	35		
57	107488	December 27, 1978	R.B. Furniture	DEST	57		
58	120078	September 25, 1975	Blank	DOM	150	50-150	0-50
59	3S/1W-2 SE		Joe Martin	UNK	204	84-96	
60	3S/1W-2 SE		Joe Martin	UNK	112	32-108	
61	62404	July 12, 1963	Volk-McLain Communities Inc.	TEST	568		0-568
62	62405	August 29, 1963	Volk-McLain Communities Inc.	DOM	593	189-517	0-82
63	162222	March 30, 1985	Walter Panganiban	DOM	400	40-400	0-20
64	162220	March 25, 1985	Walter Panganiban	TEST	300		
65	3S/1W-2 SW		Jim Nutt	UNK	80	30-50	
66	3S/1W-2	November 7, 1958	Roy Neidt	UNK	76	35-72	
67	24364		Coffee	DOM	44		

Notes and Abbreviations:

Location = Column number refers to map location on Figure 1.

Well ID = California State well identification number as recorded by the Department of Water Resources in Sacramento, California.

MON = Monitoring well

DEST = Destroyed well. (Wells do not have screens or seals)

IRR = Irrigation well.

DOM = Domestic well.

TEST = Test well (Wells do not have screens or seals)

UNK = Unknown or unspecified type of well

07/24/00

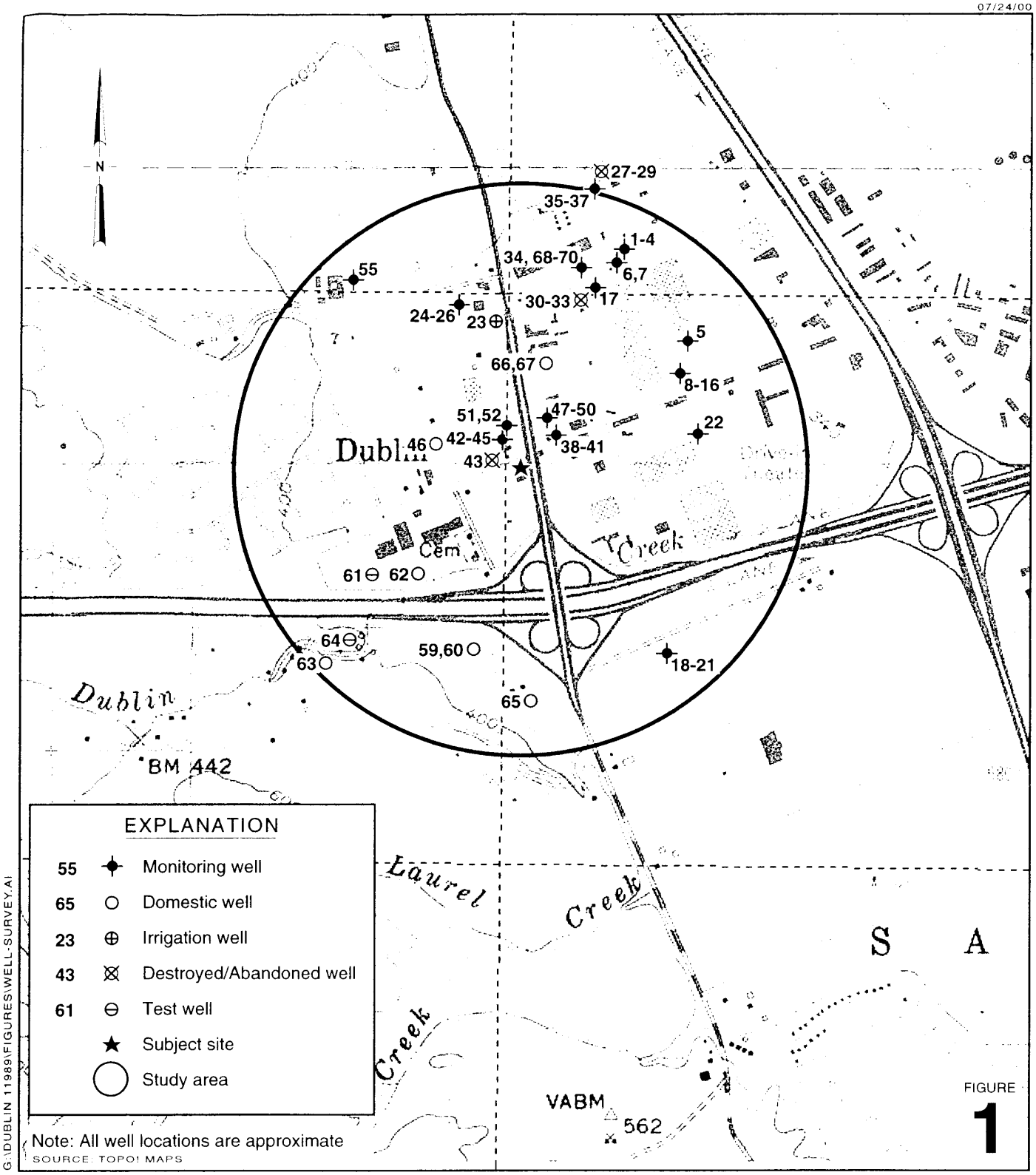


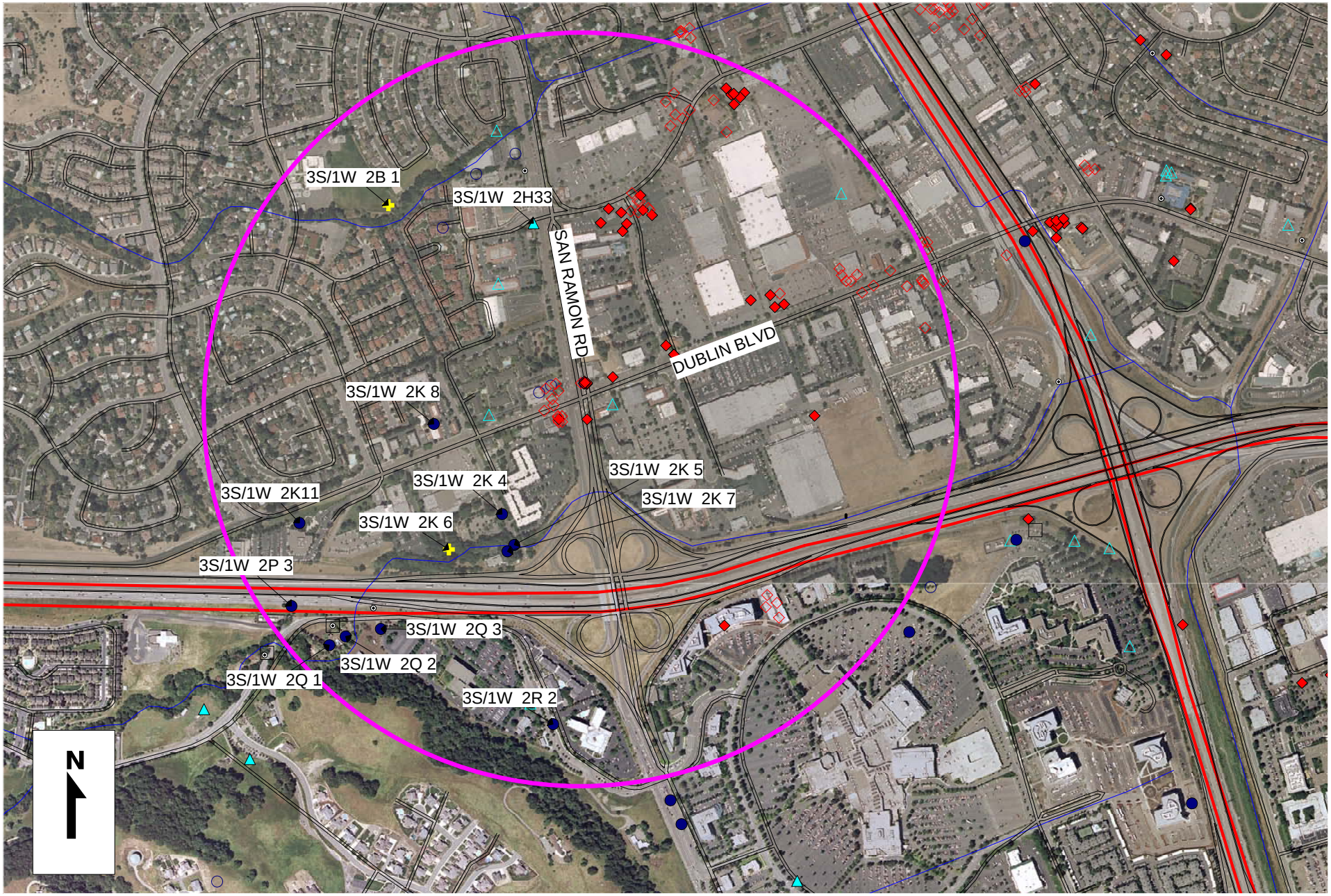
FIGURE
1

Shell-branded Service Station
11989 Dublin Boulevard
Dublin, California
Incident #98995328

CAMBRIA

Area Well Survey

(1/2 Mile Radius)



ZONE 7 WATER AGENCY

100 NORTH CANYONS PARKWAY
LIVERMORE, CA 94551

WELL LOCATION MAP

SCALE: 1 in = 1000 ft

RADIUS = 1/2 mi

11989 DUBLIN BLVD

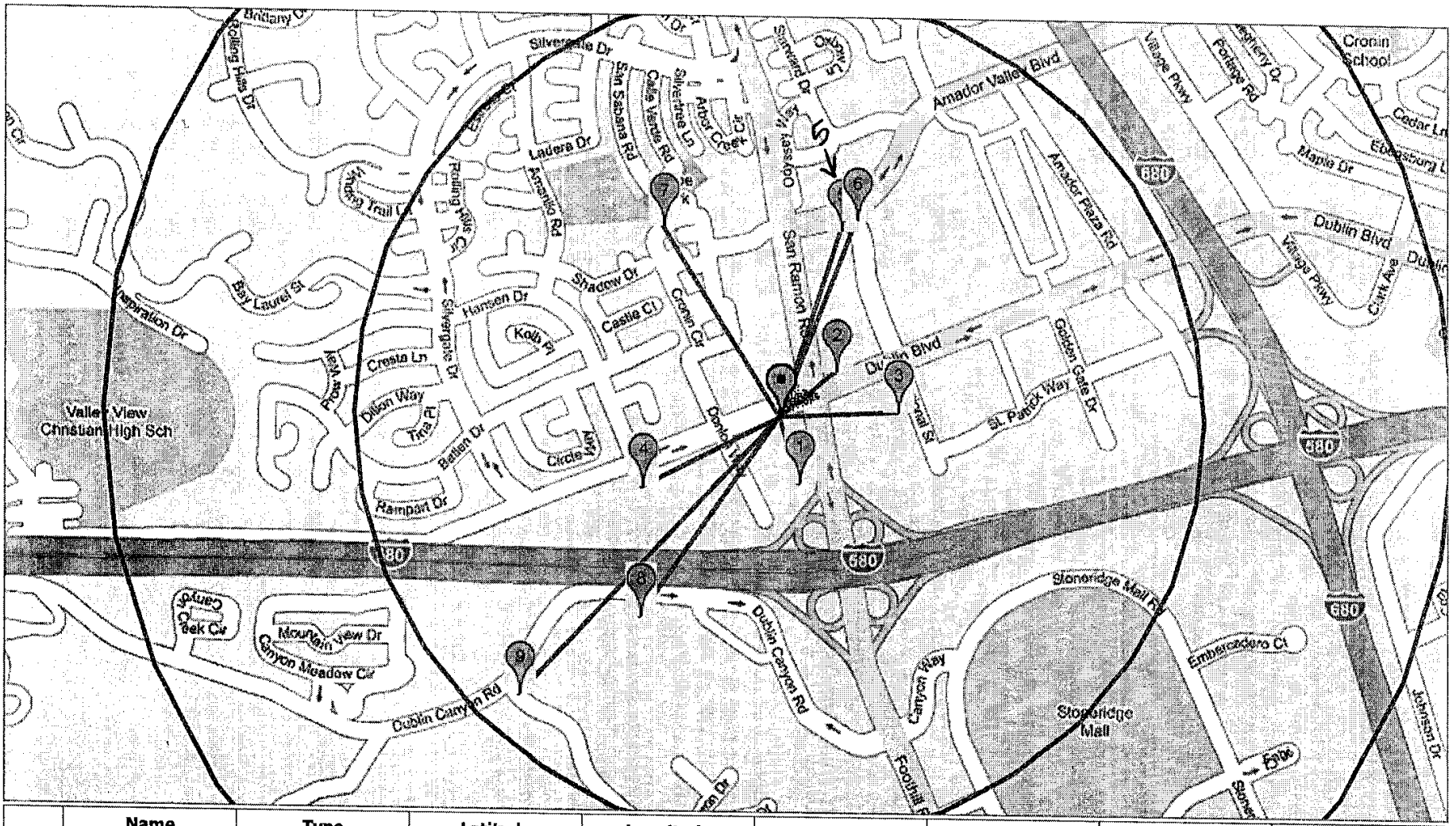
H:\FLOOD\REFERALLS\REFERALLS.WOR

WELLGEOG MAP LEGEND

- Supply Well
- Destroyed Supply Well
- Monitoring Well
- Destroyed Monitoring Well
- Other Designated Well
- Destroyed Other Designated Well
- Injection Well
- Destroyed Injection Well
- Abandoned or Unlocatable Well
- Unknown Use or Undesignated Well
- Destroyed Unknown Use or Undesignated Well
- Borehole
- Stream Gaging Station
- Climatological Station
- Septic Tank Permit

Site #135243

Note:
All distances are approximate
Only the closest 100 receptors are displayed
Receptors without a latitude and longitude will not be displayed



	Name	Type	Latitude	Longitude	Office Identified	Owner Verified	Field Verified	Distance (Approx)

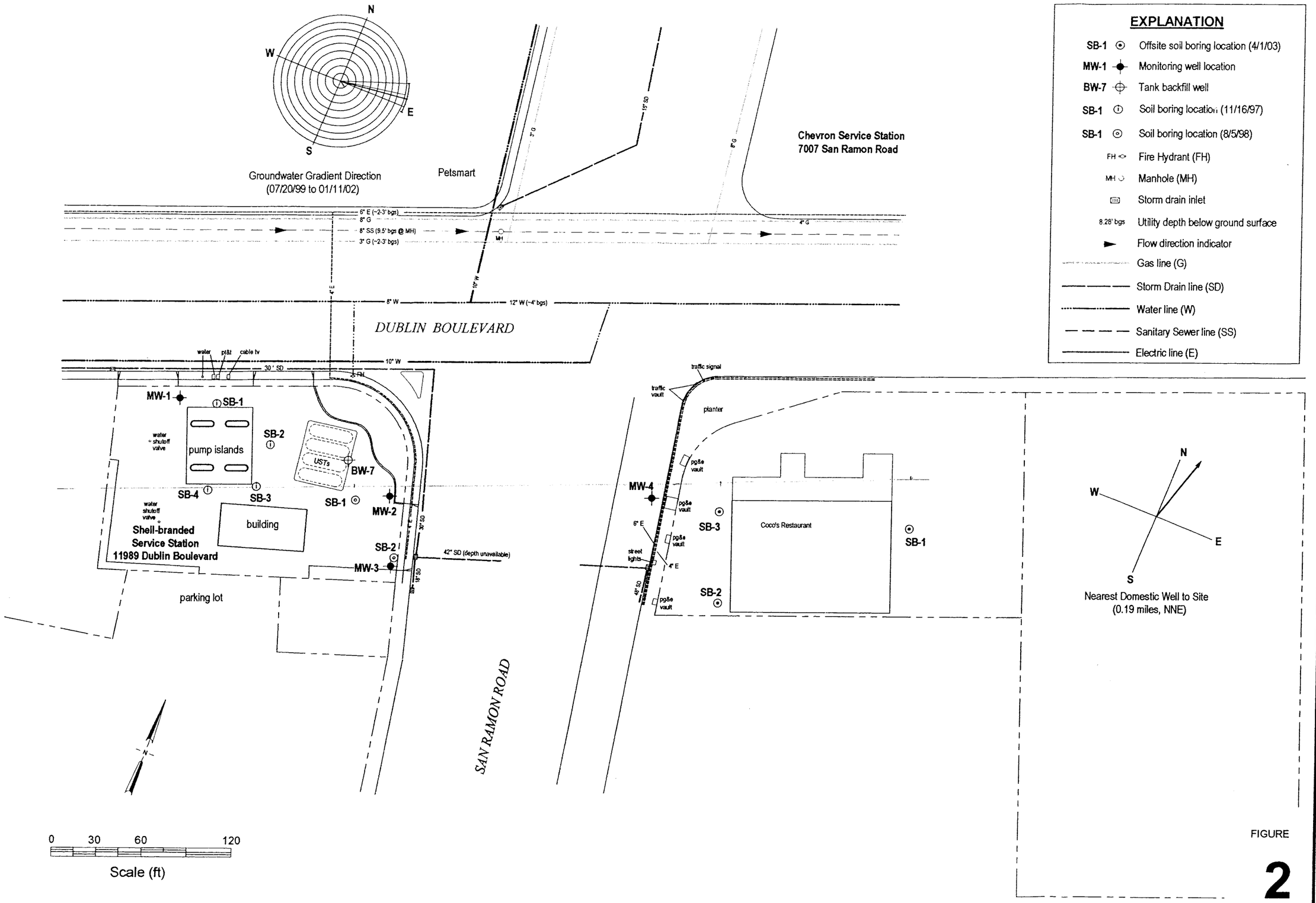
FV-2

1	Dublin Creek	Surface Water Body	37.70014	-121.93631	Yes	No	Verified	538.34 FT
2	LUFT Chevron	Other [internal only]	37.70256	-121.93532	Yes	No	Verified	564.57 FT
3	LUFT Transamerica Title Company	Other [internal only]	37.70171	-121.93361	Yes	No	Verified	926.27 FT
4	LUFT Hexcel Corp	Other [internal only]	37.70003	-121.94053	Yes	No	Verified	1211.47 FT
5	LUFT Unocal	Other [internal only]	37.70552	-121.93517	Yes	No	Verified	1521.86 FT
6	LUFT Exxon	Other [internal only]	37.70578	-121.93475	Yes	No	Verified	1652.11 FT
7	creek	Surface Water Body	37.70559	-121.93998	Yes	No	Verified	1733.52 FT
8	3S/1W 2Q 3	Other Well	37.69726	-121.94060	Yes	No	Verified	1914.54 FT
9	Laurel Creek	Surface Water Body	37.69555	-121.94384	Yes	No	Verified	2990.67 FT

Note: only the closest 100 receptors are displayed

05/09/03

Site Plan



EXPLANATION

- SB-1 — Offsite soil boring location (4/1/03)
- MW-1 — Monitoring well location
- BW-7 — Tank backfill well
- SB-1 — Soil boring location (11/16/97)
- SB-1 — Soil boring location (8/5/98)
- FH — Fire Hydrant (FH)
- MH — Manhole (MH)
- Storm drain inlet
- 8.28' bgs — Utility depth below ground surface
- Flow direction indicator
- Gas line (G)
- Storm Drain line (SD)
- Water line (W)
- Sanitary Sewer line (SS)
- Electric line (E)

Nearest Domestic Well to Site
(0.19 miles, NNE)

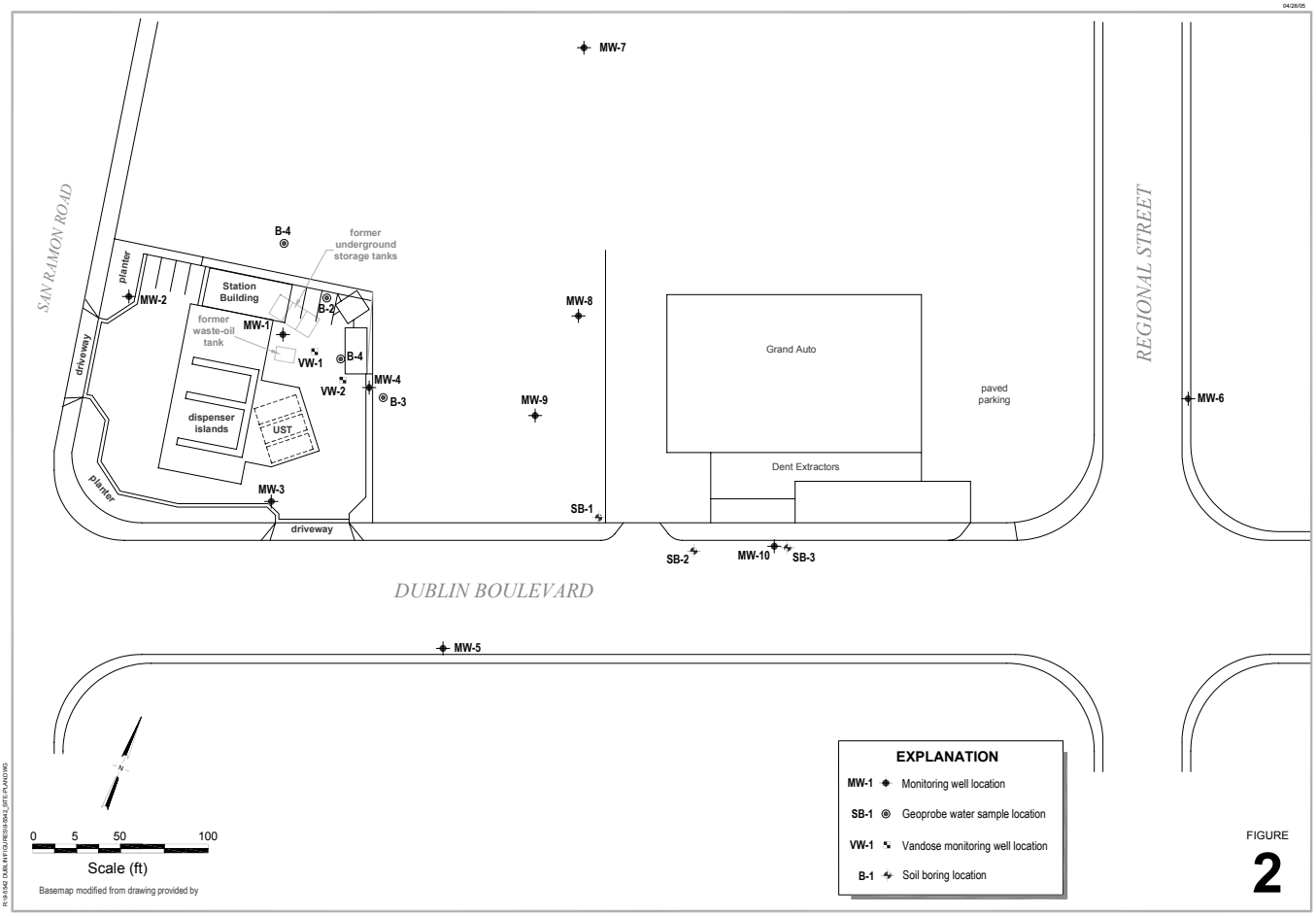
FIGURE

2

CAMBRIA

Shell-branded Service Station
11989 Dublin Boulevard
Dublin, California

0548



Site Plan

CAMBRIA

Cheveron Service Station 9-5542
7007 San Ramon Road
Dublin, California

LEAKING UNDERGROUND FUEL TANK REPORT

CHEVRON (DUBLIN)
7007 SAN RAMON RD
DUBLIN , CA 94568
CASE STATUS: OPEN
SHOW THIS SITE ON MAP
RETURN TO REPORT MAIN MENU

REGIONAL BOARD - CASE #: 01-0385
SAN FRANCISCO BAY RWQCB (REGION 2) - **(BG)**
CONTACT: BETTY GRAHAM - (510) 622-2300

LOCAL AGENCY (LEAD AGENCY) - CASE #: 1940
ALAMEDA COUNTY LOP - **(RWS)**

CHOOSE A REPORT TO VIEW

SITE INFO:
- REGULATORY HISTORY
- LOCATIONAL INFORMATION
- ANALYTICAL DATA
- ELECTRONIC ANALYTICAL DATA
- DEPTH TO WATER INFORMATION
- RISK MANAGEMENT
- LAND USE CONTROLS

LEAK INFO:
- DETAILED RELEASE INFORMATION
- REMEDIATION ON SITE

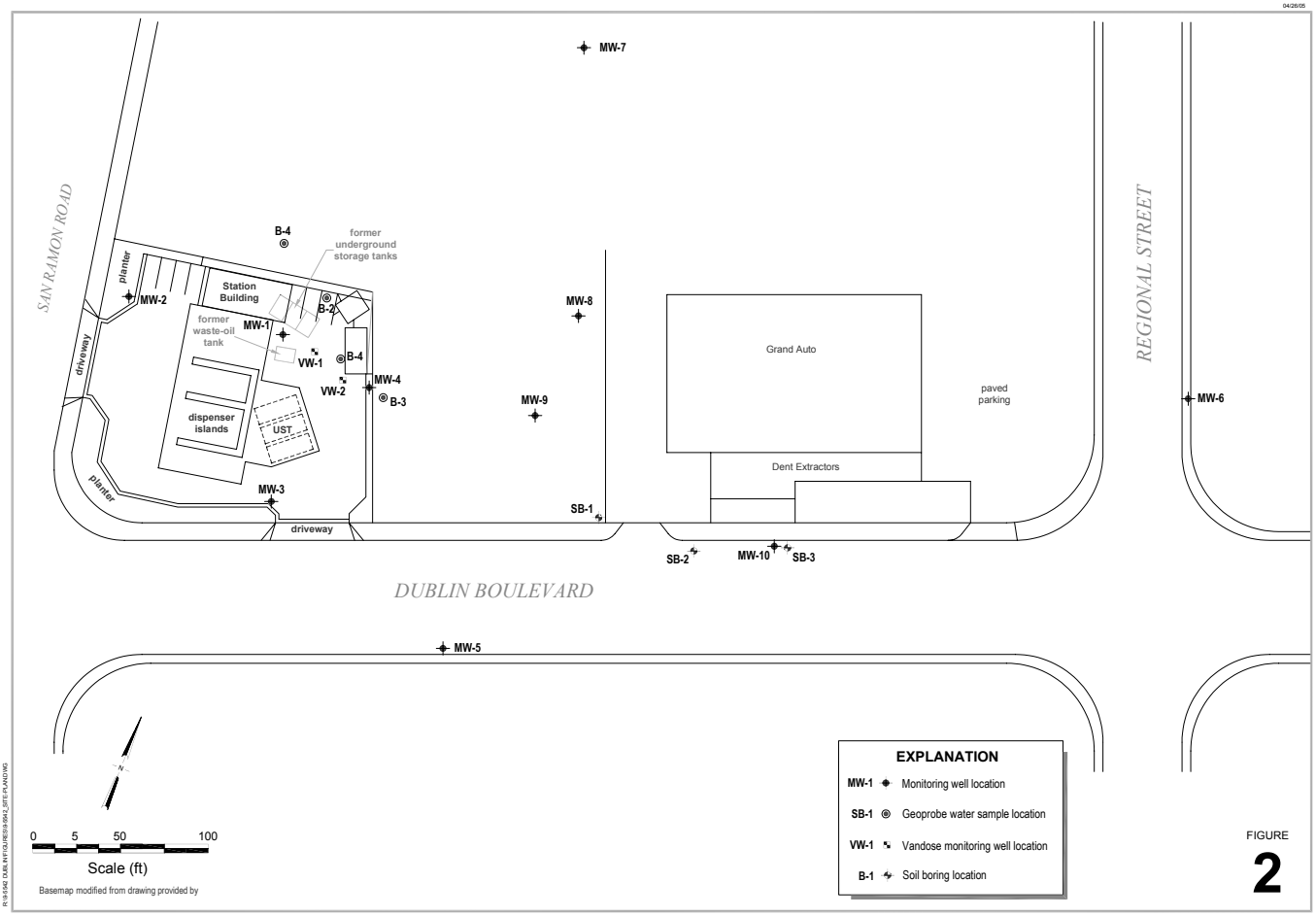
ADDITIONAL INFO:
- 18 FIELD POINTS FOR THIS LUFT SITE
- 0 PUBLIC WATER WELL(S) ESTIMATED TO BE NEARBY THIS LUFT SITE

ELECTRONIC SUBMITTALS:
- ANALYTICAL DATA
- LOCATION DATA (NONE AVAILABLE)
- ELEVATION DATA (NONE AVAILABLE)
- DEPTH TO WATER DATA
- GEO MAP DATA
- GEO REPORT DATA (NONE AVAILABLE)
- GEO BORE DATA (NONE AVAILABLE)
- SITE DOCUMENTS (NONE AVAILABLE)

CUF REIMBURSEMENT AMOUNT:
$0

Geotracker Home | Site/Facility Finder | Case Finder | MTBE/Case Reports

GLOBAL_ID	FIELD_POINT_NAME	STATUS	GW_MEAS_DATE	DTFPROD	DTW	RISER_HT	TOT_DEPTH	GW_MEAS_DESC	SHEEN
T0600100354	MW-1	ACT	9/16/2004		26.64		50.44		U
T0600100354	MW-4	ACT	9/16/2004		25.73		35.8		U
T0600100354	MW-9	ACT	9/16/2004		24.93		33.55		U
T0600100354	MW-10	ACT	9/16/2004		22.63		39.64		U



Site Plan

CAMBRIA

Cheveron Service Station 9-5542
7007 San Ramon Road
Dublin, California

North

Petsmart

Chevron Service Station
7007 San Ramon Road

LEGEND

- MW-1 — **GROUNDWATER MONITORING WELL**
- MW-6 — **PROPOSED GROUNDWATER MONITORING WELL LOCATION**
- CPT-1 — **PROPOSED CPT SAMPLING LOCATION**
- GP-1 — **PROPOSED GEOPROBE SOIL BORING**
- SB-4 — **SOIL BORING LOCATION (11/16/97)**
- SB-2 — **SOIL BORING LOCATION (8/5/98)**
- SB-2 — **SOIL BORING LOCATION (APRIL 2003)**
- B-1 — **SOIL BORING LOCATION (07/11/05)**
- A A' — **GEOLOGIC CROSS SECTION**

Dublin Boulevard

MW-1 SB-1 B-3 B-2 B-1 SB-2 CPT-4 B-4 CPT-1 A SB-4 SB-3 B-5 SB-1 MW-2 Building SB-2 MW-3 Parking Lot GP-3

San Ramon Road

MW-4 CPT-5 A' SB-3 CPT-2 Hooters Restaurant SB-1 MW-5 MW-7 CPT-3 SB-2 CPT-6 Office Building Parking MW-6

Breuner's Furniture
(closed)

Parking

Groundwater
Flow Direction

0 60 FT

APPROX. SCALE

FIGURE 2

BORING AND WELL LOCATION MAP

SHELL-BRANDED SERVICE STATION
11989 Dublin Blvd.
Dublin, California

PROJECT NO. SJ11-989-1.2006	DRAWN BY JL 02/08/06
FILE NO. SJ11-989-1.2006	PREPARED BY JL
REVISION NO. 1	REVIEWED BY

Delta Environmental Consultants, Inc.

FIELD METHODS

11989 Dublin Boulevard
Dublin, California

Soil and Groundwater Sample Collection Methodology

Delta used Geoprobe™ drilling equipment to sample soil and groundwater beneath and adjacent to the site (borings B-1 through B-4 and GP-3). Delta obtained all appropriate permits from the Zone 7 Water District (attached to Site Conceptual Model). The drilling equipment was provided and operated by Gregg Drilling (License C57- 485165). Borings B-1 through B-4 were continuously sampled from 7 feet below grade (bg) to their total depth of 12 feet for boring B-1 and 20 feet for the remainder of the borings. Boring GP-3 was continuously sampled from 7 feet to its total depth of 26 feet bg.

Discrete soil samples were retained in acetate liners. Samples were capped with Teflon tape and a tight fitting cap, and placed in a cooler with ice for transportation to Severn Trent Laboratories, Inc. (STL) in Pleasanton, California. A photo-ionization detector (PID) was used to measure soil hydrocarbon concentrations at 5-foot intervals. The PID soil samples were placed in a sealed plastic bag. After approximately 5-minutes, the PID probe was inserted into the plastic bag and soil gas allowed to pass through the PID until readings stabilized. The resulting concentration reading was recorded on the geologist's field log.

The field geologist carefully examined the soil core samples as they are collected. Soils were classified based on the Unified Soil Classification System using the American Society for Testing and Materials (ASTM) Method D-2487 published in May 2000. In addition to classifying the soils, the geologist examined the core for such features as root-holes, fractures, mineralization, and thin micro-bedding as well as petroleum hydrocarbon discoloration and odor.

Groundwater was not encountered in borings B-1 through B-4. A sample of the groundwater was collected from boring GP-3. The groundwater samples was collected utilizing a stainless steel bailer The groundwater was decanted into laboratory provided 40-milliliter glass vials, and placed in a cooler with ice for transport to STL.

All down-hole drilling tools were decontaminated between holes. The decontamination process consisted of multiple wash and rinse cycles. The first washing involved scrubbing all trace soil or contaminants from the drilling tools, then washing them with a non-phosphate detergent and water. Following the initial washing with detergent, the tools were then dip-rinsed and sprayed with water. A final rinse was performed using clean water that is poured directly over the sampling tools, followed by placement into a clean container for air drying.

Immediately after collecting the soil and groundwater samples, each boring was filled to the surface with a Portland cement/bentonite slurry mixture (5% bentonite). Soil and groundwater samples were logged on to a chain-of-custody form. Samples were shipped to the laboratory in a cooler with ice. Excess soils generated from the drilling activities were placed in sealed containers with proper labeling. After return of soil analytical data, Delta arranged for the proper disposal of the soil.

Soil and groundwater samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-G), total petroleum hydrocarbons as diesel (TPH-D), benzene, toluene, ethylbenzene, and xylene (BTEX compounds), methyl tert-butyl ether (MTBE), and tert-butanol (TBA) by EPA Method 8260.

Installation of Groundwater Monitoring Well

Groundwater monitoring well MW-5 was installed in order to determine the downgradient extent of MTBE and TBA in groundwater at depth of approximately 20 feet bg. The well was installed using hollow-stem auger drilling equipment provided by Gregg Drilling (License C57- 485165).

Soil samples were collected every 5 feet from the ground surface to the total depth of the boring for the well installation (32 feet bg). A PID was used to measure soil hydrocarbon concentrations at 5-foot intervals. The field PID procedure is described above.

WellMW-5 was constructed of 2-inch diameter PVC casing and well screens. The well was screened from 22 to 32 feet bg . The well was developed by cycles of surging followed by pumping until clear water is obtained. The well was initially sampled by Blaine Tech Services (Blaine) on January 6, 2006. The location and top of casing elevation the well will be established by a California licensed surveyor.

Groundwater samples from well MW-5 will be analyzed for TPH-G, TPH-D, BTEX compounds, and fuel oxygenates MTBE and TBA. All analyses, with the exception of TPH-D, will be performed by EPA Method 8260B. Analysis for TPH-D will be performed by EPA Method 8015M.

Collection of Groundwater Samples From Cone Penetration Borings

Delta drill six cone penetration test (CPT) borings (CPT-01 through CPT-06) to define the types of soils underlying the site area, identify potential groundwater migration pathways, and to define the vertical of extent of any petroleum hydrocarbons and fuel oxygenates detected in shallow groundwater. An initial CPT borehole at each location was used for stratigraphic profiling. Soil classification was based on the cone penetration resistance, sleeve friction, and friction ratio. A soil classification graph was generated during drilling of the CPT borehole. Grout was pumped into the borehole behind the cone by using a grout collar (retraction grouting).

A second CPT borehole was drilled at each location for collection of groundwater samples. Sand layers throughout the stratigraphic profile were targeted for sampling. 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. Delta was unable to collect a groundwater sample at certain depths within clay and silt deposits. The field geologist allowed from 0.5 to 1.0 hour for water to collect in push rods. The groundwater samples were transferred to 40-milliliter glass VOA bottles. The bottles were placed on ice for transportation to the laboratory.

After collection of the final groundwater sample, grout was pumped through the push rods as they are extracted from the borehole. Groundwater samples were analyzed for TPH-G, TPH-D, BTEX compounds, MTBE, and TBA.

North

Petsmart

Chevron Service Station
7007 San Ramon Road

LEGEND

- MW-1 — **GROUNDWATER MONITORING WELL**
- MW-6 — **PROPOSED GROUNDWATER MONITORING WELL LOCATION**
- CPT-1 — **PROPOSED CPT SAMPLING LOCATION**
- GP-1 — **PROPOSED GEOPROBE SOIL BORING**
- SB-4 — **SOIL BORING LOCATION (11/16/97)**
- SB-2 — **SOIL BORING LOCATION (8/5/98)**
- SB-2 — **SOIL BORING LOCATION (APRIL 2003)**
- B-1 — **SOIL BORING LOCATION (07/11/05)**
- A A' — **GEOLOGIC CROSS SECTION**

Dublin Boulevard

MW-1 SB-1 B-3 B-2 B-1 SB-2 CPT-4 B-4 CPT-1 A SB-4 SB-3 B-5 SB-1 MW-2 Building SB-2 MW-3 Parking Lot GP-3

San Ramon Road

MW-4 CPT-5 A' SB-3 CPT-2 Hooters Restaurant SB-1 MW-5 MW-7 CPT-3 SB-2 CPT-6 Office Building Parking MW-6

Breuner's Furniture
(closed)

Parking

Groundwater
Flow Direction

0 60 FT

APPROX. SCALE

FIGURE 2

BORING AND WELL LOCATION MAP

SHELL-BRANDED SERVICE STATION
11989 Dublin Blvd.
Dublin, California

PROJECT NO. SJ11-989-1.2006	DRAWN BY JL 02/08/06
FILE NO. SJ11-989-1.2006	PREPARED BY JL
REVISION NO. 1	REVIEWED BY

Delta Environmental Consultants, Inc.

BORING LOG

Client: Shell Oil Products Company

Project No: 24-548 Phase Task 012

Boring ID SB-1

Location 11989 Dublin Blvd, Dublin

Surface Elev. NA ft, Page 1 of 1

Depth (feet)	Blow Count	Sample Interval	Lithologic Description	TPHg (ppm)	Graphic Log	Boring Completion Graphics	Depth (feet)	Additional Comments
0	Ground Surface						0	
			Asphalt					
5			**Sandy, Clayey SILT**; (ML); brown; soft; damp; 20% clay, 60% silt, 15% fine sand, 5% fine gravel; medium plasticity; moderate estimated permeability.				5	
10			**Clayey SILT**; (ML); brown; soft; damp; 30% clay, 70% silt; medium plasticity; moderate estimated permeability.	<1.0			10	
15			grey; 30% clay, 65% silt, 5% fine sand; low estimated permeabililty.				15	
20			**Sandy SILT**; (ML); brown; soft; damp; 10% clay, 65% silt, 20% sand, 5% fine gravel; low to medium plasticity; low to moderate estimated permeability.	<1.0			20	
25			**Clayey SILT**; (ML), brown; stiff; damp; 35% clay, 60% silt, 5% fine sand; low to medium plasticity; low estimated permeability.				25	
30			25% clay, 70% silt, 5% fine sand; low to moderate estimated permeability.				30	
35			**Silty SAND**; (SM); grey; medium dense; wet; 5% clay, 25% silt; 70% fine sand; low plasticity; moderate estimated permeability.	<1.0			35	
			Clayey SILT; (ML); brown; stiff; damp; 30% clay, 65% silt, 5% fine sand; low to medium plasticity; low estimated permeability.					Bottom of boring @ 36 ft.
40							40	

Driller Vironex

Logged By Josh Bergstrom

Water-Bearing Zones NA

Drilling Started 11/19/97

Drilling Completed 11/19/97

Grout Type Portland Type I/II

Notes: Northern edge of property.

BOR 24548 2/13/98

Cambria Environmental Technology, Inc.

BORING LOG

Client: Shell Oil Products Company

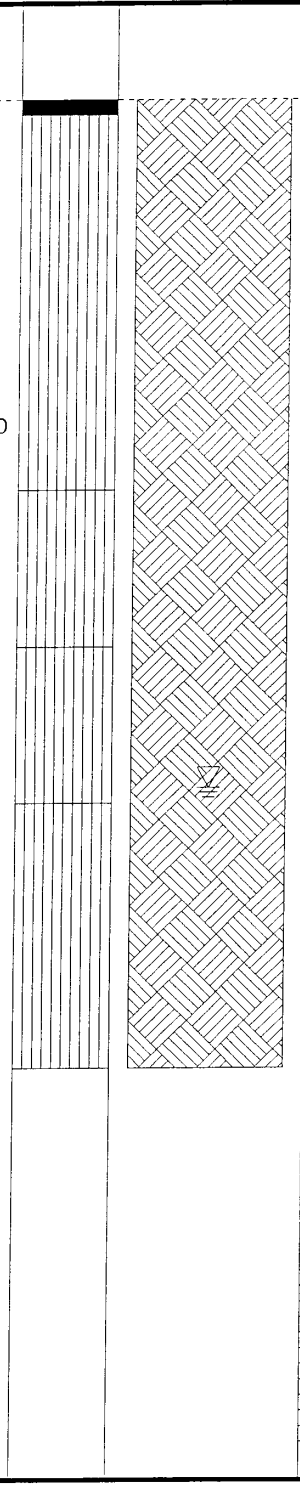
Project No: 24-548 Phase Task 012

Boring ID SB-2

Location 11989 Dublin Blvd, Dublin

Surface Elev. NA ft, Page 1 of 1

Depth (feet)	Blow Count	Sample	Interval	Lithologic Description
0	Ground Surface			
				Asphalt
5				**Clayey, Sandy SILT**; (ML); brown; soft; damp; 15% clay, 60% silt, 20% sand, 5% gravel; low plasticity; moderate estimated permeability.
10				15% clay, 70% silt, 15% sand; low to medium plasticity.
15				**Clayey SILT**; (ML); grey; stiff; damp; 20% clay, 75% silt, 5% sand; low to medium plasticity; low estimated permability.
20				**Sandy, Clayey SILT**; (ML); green; stiff; damp; 20% clay, 65% silt, 15% sand, 2" thick gravel layer; medium plasticity; low to moderate estimated permeability.
25				**Clayey SILT**; (ML); green; stiff; damp; 40% clay, 60% silt; medium plasticity; low estimated permeability.
30				brown to green.
35				
40				



Driller Vironex

Logged By Josh Bergstrom

Water-Bearing Zones NA

Drilling Started 11/19/97

Drilling Completed 11/19/97

Grout Type Portland Type I/II

Notes: Eastern edge of canopy.

BOR 24548 2/13/98

Cambria Environmental Technology, Inc.

BORING LOG

Client: Shell Oil Products Company

Project No: 24-548 Phase Task 012

Boring ID SB-3

Location 11989 Dublin Blvd, Dublin

Surface Elev. NA ft, Page 1 of 1

Depth (feet)	Blow Count	Sample Interval	Lithologic Description
0	Ground Surface		
			Asphalt
5			Clayey SILT; (ML); brown; soft; damp; 20% clay, 70% silt, 10% coarse sand; low to medium plasticity; moderate estimated permeability.
10			20% clay, 75% silt, 5% sand; low to moderate estimated permeability.
15			stiff; 20% clay, 80% silt; low estimated permeability.
20			30% clay, 65% silt, 5% fine sand; medium plasticity.
25			grey; 40% clay, 60% silt.
30			grey to green.
35			brown; 40% clay, 55% silt, 5% sand.
40			40% clay, 60% silt.

TPHg (ppm)	Graphic Log	Boring Completion Graphics	Depth (feet)	Additional Comments
			0	
<1.0			10	
11.0			25	
<1.0			35	
			40	Bottom of boring @ 41 ft.

Driller Vironex

Logged By Josh Bergstrom

Water-Bearing Zones NA

Drilling Started 11/19/97

Drilling Completed 11/19/97

Grout Type Portland Type I/II

Notes: Southeastern edge of canopy.

BOR 24548 2/13/98

BORING LOG

Client: Shell Oil Products Company

Project No: 24-548 Phase Task 012

Boring ID SB-4

Location 11989 Dublin Blvd, Dublin

Surface Elev. NA ft, Page 1 of 1

Depth (feet)	Blow Count	Sample	Interval	Lithologic Description	TPHg (ppm)	Graphic Log	Boring Completion Graphics	Depth (feet)	Additional Comments
0	Ground Surface			Concrete				0	
5				**Clayey SILT**; (ML); brown; soft; damp; 15% clay, 80% silt, 5% sand; low to medium plasticity; moderate estimated permeability.				5	
10				**Clayey, Sandy SILT**; (ML); brown; soft; damp; 15% clay, 55% silt, 30% fine sand; no plasticity; moderate estimated permeability.	<1.0			10	
15				**Clayey SILT**; (ML); brown; soft; damp; 35% clay, 60% silt, 5% sand; medium plasticity; low estimated permeability.				15	
20				**Clayey, Sandy SILT**; (ML); brown; soft; damp; 15% clay, 45% silt, 40% fine sand; low to medium plasticity; low to moderate estimated permeability.				20	
25				**Clayey SILT**; (ML); brown; stiff; damp; 35% clay, 65% silt; medium plasticity; low estimated permeability.	<1.0			25	
30				40% clay, 60% silt.				30	
35				40% clay, 55% silt, 5% fine sand.				35	Bottom of boring @ 36 ft.
40								40	

Driller Vironex

Logged By Josh Bergstrom

Water-Bearing Zones NA

Drilling Started 11/19/97

Drilling Completed 11/19/97

Grout Type Portland Type I/II

Notes: Southern edge of canopy.

BOR 24548 2/13/98

Cambria Environmental Technology, Inc.

Cambria Environmental Technology, Inc.
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BORING/WELL LOG

CLIENT NAME	Equilon Enterprises LLC	**BORING/WELL NAME**	SB-1
JOB/SITE NAME	Dublin-11989	**DRILLING STARTED**	05-Aug-98
LOCATION	11989 Dublin Boulevard, Dublin CA	**DRILLING COMPLETED**	05-Aug-98
PROJECT NUMBER	240-0548	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	J. Riggi	**DEPTH TO WATER (First Encountered)**	25.0 ft (05-Aug-98)
REVIEWED BY		**DEPTH TO WATER (Static)**	NA

REMARKS Hand augered to 5' bgs; located 10' SE of SE corner of UST slab.

PID (ppm)	BLOW COUNTS	RECOVERY	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
								ASPHALT.	0.5	
						SW		**Gravelly SAND with Silt**; (SW); brown; moist; 10% clay, 25% silt, 40% sand, 25% gravel; low plasticity; high estimated permeability.		
					5				5.0	
						GM		**Silty Sandy GRAVEL**; (GM); brown; moist; 20% clay, 20% silt, 20% sand, 40% gravel; low plasticity; high estimated permeability.		
									7.5	
						GM		**Sandy GRAVEL with Silt**; (GM); light brown to brown; dry; 5% clay, 25% silt, 30% sand, 40% gravel; no plasticity; high estimated permeability.		
					10					
									12.5	
								Clayey SAND; (SC); light brown; moist; 25% clay, 20% silt, 55% sand; low plasticity; low estimated permeability.		Portland Type I/II
					15	SC				
					20					
									22.5	
								Silty CLAY; (CL); brown; damp; 40% clay, 35% silt, 25% fine sand; high plasticity; low estimated permeability.		
								8/5/98 ▽		
					25	CL				
					30				30.0	Bottom of Boring @ 30 ft

WELL LOG (PID) G:\DUBLIN-1\GINT\DUB11989.GPJ DEFAULT.GDT 1/25/99

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BORING/WELL LOG

CLIENT NAME	Equilon Enterprises LLC	**BORING/WELL NAME**	SB-2
JOB/SITE NAME	Dublin-11989	**DRILLING STARTED**	05-Aug-98
LOCATION	11989 Dublin Boulevard, Dublin CA	**DRILLING COMPLETED**	05-Aug-98
PROJECT NUMBER	240-0548	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	J. Riggi	**DEPTH TO WATER (First Encountered)**	25.0 ft (05-Aug-98)
REVIEWED BY		**DEPTH TO WATER (Static)**	NA

REMARKS Hand augered to 5' bgs; located 50' SE of SE corner of UST slab.

PID (ppm)	BLOW COUNTS	RECOVERY	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
					0			**ASPHALT.**	0.5	
						SW		**Gravelly SAND with Silt**; (SW); light brown to brown; dry; 10% clay, 20% silt, 45% sand, 25% gravel; no plasticity; high estimated permeability.		
					5				5.0	
						SM		**Silty SAND**; (SM); light brown to brown; dry; 20% clay, 25% silt, 35% sand, 20% gravel; low plasticity; high estimated permeability.	7.5	
								Clayey SAND; (SC); light brown to brown; moist; 30% clay, 10% silt, 60% sand; medium plasticity; low estimated permeabilty.		
					10					
					15	SC		@ 14' - 25% clay, 15% silt, 60% sand; low to medium plasticity; moderate estimated permeability.		Portland Type I/II
					20			@ 19' - 35% clay, 25% silt, 40% sand; very low estimated permeability.		
								Silty CLAY; (CL); brown; wet; 35% clay, 30% silt, 35% sand; medium plasticity; very low estimated permeability.	22.5	
								8/5/98 ▽		
					25	CL				
					30				30.0	Bottom of Boring @ 30 ft

WELL LOG (PID) G:\DUBLIN-1\GINT\DUB11989.GPJ DEFAULT.GDT 1/25/99

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BORING/WELL LOG

CLIENT NAME	Equilon Enterprises LLC	**BORING/WELL NAME**	MW-1
JOB/SITE NAME	Dublin-11989	**DRILLING STARTED**	09-Jun-99
LOCATION	11989 Dublin Boulevard, Dublin CA	**DRILLING COMPLETED**	09-Jun-99
PROJECT NUMBER	240-0548	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	10"	**SCREENED INTERVAL**	5 to 20 ft bgs
LOGGED BY	J. Riggi	**DEPTH TO WATER (First Encountered)**	8.5 ft (09-Jun-99) ▽
REVIEWED BY	A. Le May, RG	**DEPTH TO WATER (Static)**	6.24ft (20-Jul-99) ▼

REMARKS Hand augered to 5' bgs., well is 12' NW of dispenser island.

TPHg (mg/kg)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
							FILL.		Portland Type I/II
							Silty Clayey SAND; (SC); brown; loose; damp; 25% clay, 15% silt, 60% fine grained sand; low plasticity; low estimated permeability.	2.0	Bentonite Seal
<0.40	8 10 11	MW-1 -5.0		5					Monterey Sand #3
<0.40	10 11 12	MW-1 -10.0		10	SC		@ 10' - medium dense.		4"-diam., 0.010" Slotted Schedule 40 PVC
<0.40	11 12 10	MW-1 -15.0		15			@ 15' - medium dense.		
<0.40	9 11 10	MW-1 -20.0		20			@ 20' - loose.	20.5	Bottom of Boring @ 20.5 ft

WELL LOG (TPH-G) G:\DUBLIN-1\GINT\DUB11989.GPJ DEFAULT GDT 11/18/99

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BORING/WELL LOG

CLIENT NAME	Equilon Enterprises LLC	**BORING/WELL NAME**	MW-2
JOB/SITE NAME	Dublin-11989	**DRILLING STARTED**	08-Jun-99
LOCATION	11989 Dublin Boulevard, Dublin CA	**DRILLING COMPLETED**	08-Jun-99
PROJECT NUMBER	240-0548	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	10"	**SCREENED INTERVAL**	13 to 33 ft bgs
LOGGED BY	J. Riggi	**DEPTH TO WATER (First Encountered)**	23.0 ft (08-Jun-99)
REVIEWED BY	A. Le May, RG	**DEPTH TO WATER (Static)**	20.31ft (20-Jul-99)

REMARKS Hand augered to 5' bgs., well is 35' East of existing Underground Storage Tank slab.

TPHg (mg/kg)	BLOW COUNTS	SAMPLE ID	DEPTH (ft bgs)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)
			0		**FILL**; (FILL); brown; dry; 30% clay, 10% silt, 25% sand, 35% gravel; low plasticity; low estimated permeability.	
					Silty Clayey SAND; (SC); brown; damp; 25% clay, 25% silt, 50% fine grained sand; low plasticity; low estimated permeability.	2.0
			5			
<0.80	5 7 10	MW-2 -10.0	10	SC	@ 10' -loose; 25% clay, 20% silt, 55% fine grained sand.	
<0.80	6 7 12	MW-2 -15.0	15			
					Clayey SAND; brown to grey; damp to wet; medium dense; 25% clay, 15% silt, 40% fine to medium grained sand, 20% gravel; low plasticity; moderate estimated permeability.	17.5
<0.80	10 15 7	MW-2 -20.0	20	SC		
					Clayey SAND; (SC); brown; medium dense; wet; 25% clay, 10% silt, 65% fine grained sand; low plasticity; low estimated permeability.	22.5
<0.80	8 11 15	MW-2 -25.5	25	SC		
<0.80	10 11 14	MW-2 -30.0	30			33.0

WELL DIAGRAM: Portland Type I/II; 4" diam., Schedule 40 PVC; Bentonite Seal; Monterey Sand #3; 4"-diam., 0.010" Slotted Schedule 40 PVC; Bottom of Boring @ 33 ft

WELL LOG (TPH-G) G:\DUBLIN-1\GINT\DUB11989.GPJ DEFAULT.GDT 11/18/99

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BORING/WELL LOG

CLIENT NAME	Equilon Enterprises LLC	**BORING/WELL NAME**	MW-3
JOB/SITE NAME	Dublin-11989	**DRILLING STARTED**	08-Jun-99
LOCATION	11989 Dublin Boulevard, Dublin CA	**DRILLING COMPLETED**	08-Jun-99
PROJECT NUMBER	240-0548	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	10"	**SCREENED INTERVAL**	13 to 33 ft bgs
LOGGED BY	J. Riggi	**DEPTH TO WATER (First Encountered)**	23.0 ft (08-Jun-99) ▽
REVIEWED BY	A. Le May, RG	**DEPTH TO WATER (Static)**	24.23ft (20-Jul-99) ▼
REMARKS	Hand augered to 5' bgs. Well is located in SE corner of station		

TPHg (mg/kg)	BLOW COUNTS	SAMPLE ID	DEPTH (ft bgs)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)
			0		**FILL**.	
						2.0
			5		**Clayey SAND**; (SC); brown; damp; 25% clay, 10% silt, 65% fine to medium grained sand; low plasticity; low estimated permeability.	
<0.80	7 11 11	MW-3 -10.0	10		@ 10' -medium dense.	
<0.80	6 8 10	MW-3 -15.0	15	SC	@ 15' -loose.	
<0.80	7 13 20	MW-3 -20 0	20		@ 20' -medium dense.	
4.1	10 12 15	MW-3 -25 0	25		@ 25' -wet.	
1.39	9 8 12	MW-3 -30.0	30			33.0

WELL DIAGRAM

- Portland Type I/II
- 4" diam., Schedule 40 PVC
- Bentonite Seal
- Monterey Sand #3
- 4"-diam., 0.010" Slotted Schedule 40 PVC
- Bottom of Boring @ 33 ft

WELL LOG (TPH-G) G:\DUBLIN-1\GINT\DUB11989.GPJ DEFAULT.GDT 11/18/99

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BORING/WELL LOG

CLIENT NAME	Equiva Services LLC	**BORING/WELL NAME**	MW-4
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	26-Jul-01
LOCATION	11989 Dublin Boulevard, Dublin CA	**DRILLING COMPLETED**	26-Jul-01
PROJECT NUMBER	243-0548	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	364.24 ft above msl (rim)
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	364.01 ft above msl
BORING DIAMETER	8"	**SCREENED INTERVAL**	20 to 34.9 ft bgs
LOGGED BY	S. Couch	**DEPTH TO WATER (First Encountered)**	24.0 ft (26-Jul-01) ▽
REVIEWED BY	S. Bork, RG# 5620	**DEPTH TO WATER (Static)**	26.32 ft (17-Aug-01) ▼

REMARKS Hand augered to 5' bgs; located on east side of San Ramon Rd approximately 80' south of San Ramon/Dublin intersection.

TPHg (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
							ASPHALT	0.3	
							FILL; grayish brown; 5% silt, 80% fine to medium sand, 15% medium subangular to subrounded gravel; no plasticity; dry.		
				5			**Clayey SILT**; brown; 30% clay, 50% silt, 20% fine to medium sand; medium plasticity; dry.	4.5	
				10	ML		@10 ft bgs - 35% clay, 50% silt, 10% fine sand, 5% fine subrounded gravel.		Portland Type I/II
				15			@ 15 ft bgs - 45% clay, 50% silt, 5% sand.		
							Silty CLAY; brown; 50% clay, 45% silt, 5% fine sand; medium plasticity; moist.	17.5	Bentonite Seal
				20					Monterey Sand #2/12
		MW-4-25.5		25	CL				
				30			@ 35 ft bgs - 65% clay, 30% silt, 5% fine sand; medium to high plasticity; wet.		4"-diam., 0.010" Slotted Schedule 40 PVC
				35				35.0	Bottom of Boring @ 35 ft

WELL LOG (SHELL) G:\DUBLIN-1\GINT\DUB11989.GPJ DEFAULT.GDT 9/25/01

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SB-1
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	01-Apr-03
LOCATION	11989 Dublin Boulevard, Dublin CA	**DRILLING COMPLETED**	01-Apr-03
PROJECT NUMBER	245-0548-007	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	3"	**SCREENED INTERVAL**	NA
LOGGED BY	S. Dalie	**DEPTH TO WATER (First Encountered)**	31.0 ft (01-Apr-03) ▽
REVIEWED BY	M. Derby, PE# 55475	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Hand augered to 5 fbg in the southeastern parking lot of CoCo's Restaurant.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT	0.6	
							Clayey SILT; (ML); Black; soft; dry; 5% Clay, 95% Silt.		
0		SB-1- 5'		5	ML		Brown; medium dense; dry; 10% Clay, 90% Silt.		
0		SB-1- 10'		10					
0		SB-1- 15'		15			Dark brown; soft; dry; 25% Clay, 75% Silt; low plasticity.	15.5	
					CL		**Silty CLAY**; (CL); Brown; medium dense; damp; 75% Clay, 25% Silt; medium plasticity.		
0		SB-1- 20'		20				22.0	
					GM		**Silty GRAVEL**; (GM); Brown; loose; damp; 5% Clay, 30% Silt, 5% Sand; 60% Gravel.	22.8	
					CL		**Silty CLAY**; (CL); Brown; soft; damp; 80% Clay, 15% Silt, 5% very fine Sand.		
0		SB-1- 25'		25					
								28.5	
					ML		**Clayey SILT**; (ML); Brown; soft; damp to wet; 10% Clay, 85% Silt, 5% Sand; medium plasticity.		
1.5		SB-1- 30'		30			Olive gray; slight hydrocarbon odor. Grab groundwater sample collected. ▽		
								34.3	
				35			**Silty CLAY**; (CL); Olive gray; medium dense; wet; 75%		

Continued Next Page

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SB-1
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	01-Apr-03
LOCATION	11989 Dublin Boulevard, Dublin CA	**DRILLING COMPLETED**	01-Apr-03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
4.5		SB-1- 35'			CL		Clay, 25% Silt; low plasticity.	36.0	
							Second grab groundwater sample attempted via hydropunch; no water collected.		
				40				40.0	Bottom of Boring @ 40 ft

WELL LOG (PID) G:\DUBLIN 11989 DUBLIN\GINT\DUB11989.GPJ DEFAULT.GDT 4/3/03

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SB-2
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	01-Apr-03
LOCATION	11989 Dublin Boulevard, Dublin CA	**DRILLING COMPLETED**	01-Apr-03
PROJECT NUMBER	245-0548-007	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	3"	**SCREENED INTERVAL**	NA
LOGGED BY	S. Dalie	**DEPTH TO WATER (First Encountered)**	31.0 ft (01-Apr-03) ▽
REVIEWED BY	M. Derby, PE# 55475	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Hand augered to 5 fbg in the northwestern parking lot of CoCo's Resaurant.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT	0.6	
					ML		**Clayey SILT**; (ML); Black;l medium dense; dry; 45% Clay, 50% Silt, 5% Gravel; low plasticity.		
		SB-2- 5'		5			SILT with Sand and Gravel; (ML); Gray; loose; dry; 60% Clay, 20% Sand, 20% Gravel.	6.5	
					CL		**Silty CLAY**; (CL); Brown; medium dense; dry; 51% Clay, 49% Silt; high plasticity.	8.8	
		SB-2- 10'		10	ML		**Clayey SILT**; (ML); Gray to Brown; medium dense; dry; 15% Clay, 80% Silt, 5% Gravel; medium plasticity.		
		SB-2- 15'		15				17.5	
		SB-2- 20'		20	CL		**Silty CLAY**; (CL); Brown; soft to dense; damp; 75% Clay, 25% Silt; high plasticity.		
		SB-2- 25'		25	ML		CLAY with Gravel; Brown; very dense; dry; 70% Clay, 20% Silt; 10% Gravel; medium plasticity. **Clayey SILT**; (ML); Dry; 30% Clay; 60% Silt; 10% Gravel; low plasticity.	25.0 27.0	
		SB-2- 30'		30	CL		**Silty CLAY**; (CL); Olive Gray; medium dense; damp to dry; 75% Clay, 25% Silt; high plasticity. ▽ Grab groundwater sample collected.	33.0	
				35	ML		**Clayey SILTwith some very fine Sand**; (ML); Olive gray; soft; wet; 90% Silt, 10% very fine SAND.		

Continued Next Page

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SB-2
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	01-Apr-03
LOCATION	11989 Dublin Boulevard, Dublin CA	**DRILLING COMPLETED**	01-Apr-03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
		SB-2- 35'						36.0	Bottom of Boring @ 36 ft
							SILT; very dense; hydrocarbono odor. Second grab groundwater sample attempted via hydropunch; no water collected.	40.0	

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SB-3
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	01-Apr-03
LOCATION	11989 Dublin Boulevard, Dublin CA	**DRILLING COMPLETED**	01-Apr-03
PROJECT NUMBER	245-0548-007	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	3"	**SCREENED INTERVAL**	NA
LOGGED BY	S. Dalie	**DEPTH TO WATER (First Encountered)**	27.0 ft (01-Apr-03) ▽
REVIEWED BY	M. Derby, PE# 55475	**DEPTH TO WATER (Static)**	NA ▼

REMARKS Hand augered to 5 fbg in the northwestern parking lot of CoCo's Resaurant.

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT	0.4	
							Clayey SILT; (ML); Black; loose; dry; 15% Clay, 80% Silt, 5% Gravel.		
		SB-3- 5'		5	ML				
							Sandy SILT; Brown; loose; dry; 5% Clay, 70% Silt, 25% Sand.		
		SB-3- 10'		10				11.0	
							Silty CLAY; (CL); Brown; very dense to hard; dry; 80% Clay, 20% Silt; medium plasticity.		
		SB-3- 15'		15	CL				
		SB-3- 20'		20				21.0	
					GM		**Silty GRAVEL**; (GM); Brown; loose; damp; 15% Silt, 5% Sand, 80% Gravel.	23.0	
							Sandy SILT with Clay; (ML); Brown; soft; damp to wet; 5% Clay, 75% Silt; 20% Sand; low plasticity.		
		SB-3- 25'		25	ML				
							▽	27.0	
					CL		**CLAY**; (CL); Olive gray; very dense; dry; 100% Clay; high plasticity.		
							First grab groundwater sample collected.	28.5	
					ML		**Clayey SILT**; (CL); Olive gray; soft; wet; 30% Clay, 70% Silt; high plasticity; hydrocarbon odor.		
		SB-3- 30'		30			Sandy SILT with Gravel and Clay; Olive gray; loose; wet; 10% Clay, 70% Silt, 10% Sand, 10% Gravel; medium plasticity.	30.5	
					SC			32.0	
							Clayey SAND; (SC); Olive gray; soft; wet; 35% Clay, 5% Silt; 60% fine Sand; hydrocarbon odor. Second grab groundwater sample collected via hydropunch method.		
				35					

WELL LOG (PID) G:\DUBLIN\11989 DUBLIN\GINT\DUB11989.GPJ DEFAULT.GDT 4/3/03

Continued Next Page

Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: (510) 420-0700
Fax: (510) 420-9170

BORING/WELL LOG

CLIENT NAME Shell Oil Products US
JOB/SITE NAME Shell-branded service station
LOCATION 11989 Dublin Boulevard, Dublin CA

BORING/WELL NAME SB-3
DRILLING STARTED 01-Apr-03
DRILLING COMPLETED 01-Apr-03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
								36.0	Bottom of Boring @ 36 ft

WELL LOG (PID) G:\DUBLIN 11989 DUBLIN\GINT\DUB11989.GPJ DEFAULT.GDT 5/21/03

Zone 7
Alameda County Flood Control
&
Water Conservation District

100 North Canyons Parkway ⊓ Livermore, California 94551 ⊔ Phone (925) 454-5000 ⊓ Fax (925) 454-5728

Telefax Transmittal

Date:	10/28/05
Deliver To:	Heather Buckingham
Name of Firm:	Delta Environmental
Fax Number:	(408) 225-8506
From:	Wyman Hong
Number of Pages:	5 (Including Cover Page)

For Direct Contact Call: (925) 454-5056

For Return Fax: (925) 454-5728

Remarks:

Drilling permits 25176 to 25179 for contamination investigations at 11887, 7944, 7950 and 11989 Dublin Boulevard in Dublin for Shell Oil Products.

P:\WRE\Wyman\Fax Transmittal Form.wpd

ZONE 7 WATER AGENCY

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

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 11887 Dublin Blvd. Dublin, CA

California Coordinates Source _____ ft. Accuracy± _____ ft.
CCN _____ ft. CCE _____ ft.
APN 941-1550-5-2

CLIENT
Name Shell Oil Products U.S.
Address 20945 S. Wilmington Ave Phone 707.865.0251
City Carson, CA Zip 90810

APPLICANT
Name Delta Environmental Consultants, Inc Fax 408.225.8506
Address 175 Bernal Rd., St. 70 Phone 408.224.4724
City San Jose, CA Zip 95119

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection	☐	General	☐
Water Supply	☐	Contamination	☐
Monitoring	☐	Well Destruction	☐

PROPOSED WELL USE

New Domestic	☐	Irrigation	☐
Municipal	☐	Remediation	☐
Industrial	☐	Groundwater Monitoring	☒
Dewatering	☐	Other _____	☐

DRILLING METHOD:

Mud Rotary	☐	Air Rotary	☐	Hollow Stem Auger	☐
Cable Tool	☐	Direct Push	☒	Other _____	☐

DRILLING COMPANY Gregg Drilling and Testing
DRILLER'S LICENSE NO. 485165

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

SOIL BORINGS
Number of Borings 1 Maximum
Hole Diameter ~2-3 in. Depth 25 ft.

ESTIMATED STARTING DATE 10/28/05
ESTIMATED COMPLETION DATE 11/4/05

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

APPLICANT'S SIGNATURE Heather Buckingham Date 10/14/05

ATTACH SITE PLAN OR SKETCH

FOR OFFICE USE

PERMIT NUMBER 25176
WELL NUMBER _____
APN 941-1550-005-02

PERMIT CONDITIONS

(Circled Permit Requirements Apply)

(A.) GENERAL
1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.
3. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
4. A sample port is required on the discharge pipe near the wellhead.

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

(D.) GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

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

F. WELL DESTRUCTION. See attached.

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

Approved Wyman Hong Date 10/26/05
Wyman Hong

Revised: April 27, 2005

ZONE 7 WATER AGENCY

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

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 7944 Dublin Blvd. Dublin, CA

California Coordinates Source _____ ft. Accuracy± _____ ft.
CCN _____ ft. CCE _____ ft.
APN 941-1500-36-2

CLIENT
Name Shell Oil Products U.S.
Address 2455 Willmington Ave. Phone 707.865.0251
City Carson, CA Zip 90810

APPLICANT
Name Delta Environmental Consultants Inc.
Fax 408.725.8506
Address 175 Bernal Rd. St. 200 Phone 408.826.1866
City San Jose, CA Zip 95119

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection	☐	General	☐
Water Supply	☐	Contamination	☒
Monitoring	☐	Well Destruction	☐

PROPOSED WELL USE

New Domestic	☐	Irrigation	☐
Municipal	☐	Remediation	☐
Industrial	☐	Groundwater Monitoring	☒
Dewatering	☐	Other _____	☐

DRILLING METHOD:
Mud Rotary ☐ Air Rotary ☐ Hollow Stem Augers ☒
Cable Tool ☐ Direct Push ☐ Other CPT

DRILLING COMPANY Gregg Drilling & Testing
DRILLER'S LICENSE NO. C57 656403 will install-485165

WELL PROJECTS
Drill Hole Diameter 10 in. Maximum
Casing Diameter 4 in. Depth 30 ft.
Surface Seal Depth 20 ft. Number MW-5

SOIL BORINGS
Number of Borings 6 Maximum
Hole Diameter N2-3 in. Depth 75 ft.

ESTIMATED STARTING DATE 10/28/05
ESTIMATED COMPLETION DATE 11/4/05

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

APPLICANT'S SIGNATURE Heather Buckingham Date 10/10/05

ATTACH SITE PLAN OR SKETCH

FOR OFFICE USE

PERMIT NUMBER 25177
WELL NUMBER 3S/1W-2H34
APN 941-1500-036-02

PERMIT CONDITIONS

(Circled Permit Requirements Apply)

(A.) GENERAL
1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.
3. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
4. A sample port is required on the discharge pipe near the wellhead.

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

(D.) GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

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

F. WELL DESTRUCTION. See attached.

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

Approved Wyman Hong Date 10/27/05
Wyman Hong

Revised: April 27, 2005

ZONE 7 WATER AGENCY

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

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 7950 Dublin Blvd. Dublin, CA

California Coordinates Source _____ ft. Accuracy± _____ ft.
CCN _____ ft. CCE _____ ft.
APN 941-1500-37

CLIENT
Name Shell Oil Products U.S.
Address 20945 S. Wilmington Ave Phone 707.865.0251
City Carson, CA Zip 90810

APPLICANT
Name Delta Environmental Consultants Inc.
Fax 409.225-8506
Address 185 Berndl Rd. St. 205 Phone 408.826.1866
City San Jose, CA Zip 95119

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection	☐	General	☐
Water Supply	☐	Contamination	☒
Monitoring	☐	Well Destruction	☐

PROPOSED WELL USE

New Domestic	☐	Irrigation	☐
Municipal	☐	Remediation	☐
Industrial	☐	Groundwater Monitoring	☐
Dewatering	☐	Other _____	☐

DRILLING METHOD:
Mud Rotary ☐ Air Rotary ☐ Hollow Stem Auger ☐
Cable Tool ☐ Direct Push ☒ Other CPT ☒

DRILLING COMPANY Gregg Drilling & Testing
DRILLER'S LICENSE NO. 656407

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

SOIL BORINGS
Number of Borings 2 Maximum
Hole Diameter 2 to 3 in. Depth 30 ft.

ESTIMATED STARTING DATE 10/20/05
ESTIMATED COMPLETION DATE 11/4/05

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.
APPLICANT'S SIGNATURE Heather Buchanan Date 10/18/05

ATTACH SITE PLAN OR SKETCH

FOR OFFICE USE

PERMIT NUMBER 25178
WELL NUMBER _____
APN 941-1500-037-00

PERMIT CONDITIONS

(Circled Permit Requirements Apply)

(A.) GENERAL
1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.
3. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
4. A sample port is required on the discharge pipe near the wellhead.

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

(D.) GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

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

F. WELL DESTRUCTION. See attached.

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

Approved Wyman Hong Date 10/27/05
Wyman Hong

Revised: April 27, 2005

Delta

Environmental Consultants, Inc.

Project No:	SJ11-989-T	Client:	Shell Oil Products US	Boring No: B-1
Logged By:	Heather Buckingham	Location:	11989 Dublin Blvd., Dublin	Page 1 of 1
Driller:	Gregg	Date Drilled:	7/8/2005	
Drilling Method:	Direct Push	Hole Diameter:	3"	
Sampling Method:	GeoProbe	Hole Depth:	12 ft	
Casing Type:		Well Diameter:		
Slot Size:		Well Depth:		
Gravel Pack:		Casing Stickup:		

Location Map

Please see site map

Elevation	Northing	Easting

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
								AF	Concrete 6"
					1			CL	**Lean CLAY**: medium brown; trace fine grained sand; moderate plasticity
					2				
					3				
					4				
					5				
Grout		dry	0	air knifed & hand augered	6				(same as above, dark brown mottled with medium brown)
					7				
					8				
					9				
		dry	0.8		10				
					11				
					12				Boring terminated at 12 feet below ground surface
									Boring remained dry after approximately 1.5 hr
					13				
					14				
					15				
					16				
					17				
					18				
					19				
					20				
					21				
					22				

Delta

Environmental Consultants, Inc.

Project No:	SJ11-989-T	Client:	Shell Oil Products US	Boring No: B-2
Logged By:	Heather Buckingham	Location:	11989 Dublin Blvd., Dublin	Page 1 of 1
Driller:	Gregg	Date Drilled:	7/8/2005	
Drilling Method:	Direct Push	Hole Diameter:	3"	
Sampling Method:	GeoProbe	Hole Depth:	20 ft	
Casing Type:		Well Diameter:		
Slot Size:		Well Depth:		
Gravel Pack:		Casing Stickup:		
Elevation		Northing		Easting

Location Map

Please see site map

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
								AF	Concrete 4"
					1			CL	**Lean CLAY**: dark brown mottled with medium brown; trace fine grained sand; low to moderate plasticity
					2				
					3				
					4				
					5				
Grout		damp	0.2	air knifed & hand augered	6				
					7				
					8				
					9			SP	**Clayey SAND with Gravels**: moderate brown mottled with orange; 60-70% poorly graded fine grained sand; 10-15% gravels up to 0.4 mm in length; 20-25% fines
		dry	0		10				
					11			CL	**Lean CLAY**: medium gray; trace gravels up to 0.5 cm in length
					12				
					13				
					14				
					15				
		moist	2		16				
					17				
					18				
					19				
		moist	3.1		20				Boring terminated 20 feet below grade
					21				
					22				

Delta

Environmental Consultants, Inc.

Project No:	SJ11-989-T	Client:	Shell Oil Products US	Boring No: B-3
Logged By:	Heather Buckingham	Location:	11989 Dublin Blvd., Dublin	Page 1 of 1
Driller:	Gregg	Date Drilled:	7/8/2005	
Drilling Method:	Direct Push	Hole Diameter:	3"	
Sampling Method:	GeoProbe	Hole Depth:	20 ft	
Casing Type:		Well Diameter:		
Slot Size:		Well Depth:		
Gravel Pack:		Casing Stickup:		
Elevation		Northing		Easting

Location Map

Please see site map

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
								AF	Concrete 4"
					1			CL	**Lean CLAY**: dark brown mottled with medium brown; 5-10% fine to medium grained sand; moderate plasticity
					2				
					3				
					4				
					5				
Grout		damp	0.3	air knifed & hand augered	6				
					7				
					8				
					9				
					10				
		dry	0		11			CL	**Sandy CLAY**: medium brown; 55-60% fines; 40-45% medium grained sand; low plasticity
					12			SW	**Clayey Well Graded SANDS with gravels**: brown with orange mottling; 35-45% well graded sands; 25-30% fines; 10-15% gravels up to 0.5 cm in length
					13				
					14			CL	**Lean CLAY**: medium gray; trace fine grained sands; moderate plasticity
		moist	2		15				
					16				
					17				
					18				
					19				
		moist	3.1		20				Boring terminated 20 feet below grade
					21				
					22				

Delta

Environmental Consultants, Inc.

Project No:	SJ11-989-T	Client:	Shell Oil Products US	Boring No: B-4
Logged By:	Heather Buckingham	Location:	11989 Dublin Blvd., Dublin	Page 1 of 1
Driller:	Gregg	Date Drilled:	7/8/2005	
Drilling Method:	Direct Push	Hole Diameter:	3"	
Sampling Method:	GeoProbe	Hole Depth:	20 ft	
Casing Type:		Well Diameter:		
Slot Size:		Well Depth:		
Gravel Pack:		Casing Stickup:		
Elevation		Northing		Easting

Location Map

Please see site map

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout		slighty damp	0.1	air knifed & hand augered	1			AF	Asphalt ~3" - 4"
								AF	Gravel (tank pit backfill)
					2			CL	**Lean CLAY**: dark brown ; ~5% fine grained sand, low plasticity
					3				
					4				
					5				
					6				
					7				
					8				
					9				
					10				
					11			CL	**Sandy Lean CLAY with Gravel**: medium brown with orange mottling; 20-30% well graded sand, 15% gravel ~0.5 cm
					12			CL	**Lean CLAY with Sand**: medium grey, 10-15% fine grained sand, moderate plasticity
					13				
					14				
			2.8		15				
					16				
					17				
		moist			18				
					19				
			2.0		20				Boring terminated 20 feet below grade
					21				
					22				

Delta

Environmental Consultants, Inc.

Project No:	SJ11-989-T	Client:	Shell Oil Products US	Boring No: B-5
Logged By:	Heather Buckingham	Location:	11989 Dublin Blvd., Dublin	Page 1 of 1
Driller:	Gregg	Date Drilled:	7/8/2005	
Drilling Method:	Direct Push	Hole Diameter:	3"	
Sampling Method:	GeoProbe	Hole Depth:	20 ft	
Casing Type:		Well Diameter:		
Slot Size:		Well Depth:		
Gravel Pack:		Casing Stickup:		

Location Map

Please see site map

Elevation	Northing	Easting

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout		dry	0.1	air knifed & hand augered	1			AF	Asphalt ~3" - 4"
								AF	Gravel with Rocks 1-2"(tank pit backfill)
					2			CL	**Lean CLAY**: dark brown ; roots, trace gravels <0.5 cm; 10-15% fine grained sand, low plasticity
					3				
					4				
					5				
					6				
					7				
		damp			8				(as above, orange mottling)
					9				
					10				(as above, 10-15% gravels 0.5 cm in length)
					11				
					12				
					13				
					14			CL	**Lean CLAY**; grey, trace fine grained sand, moderate plasticity
			15.6		15				
					16				
					17				
		moist			18				
					19				
			7.6		20				Boring terminated 20 feet below grade
					21				
					22				

Delta

Environmental Consultants, Inc.

Project No:	SJ11-989-1	Client:	Shell Oil Products US	Boring: GP-3
Logged By:	RW	Location:	11887 Dublin Blvd	Page 1 of 2
Driller:	Gregg	Date Drilled:	11/4/2005	
Drilling Method:	Geoprobe	Hole Diameter:	2.5"	
Sampling Method:	Direct Push	Hole Depth:	26 ft	
Casing Type:	-	Well Diameter:	-	
Slot Size:	-	Well Depth:	-	
Gravel Pack:	-	Casing Stickup:	-	

Location Map

Please See Site Map

Elevation	Northing	Easting

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
				Air Knife & Hand Auger				AF	Asphalt and base rock
					1			CL	**Lean CLAY**; black, medium plasticity
		dry			2			CL	**Sandy Lean CLAY**, brown, ~5% gravel
		damp			3			SP	**Poorly Graded SAND**; brown, 5-10% gravels, loose
					4				
					5			CL	**Sandy Lean CLAY;** brown, 25-35% medium grained sand, trace gravels
					6				(cobbles, 4" in diameter)
					7				
Grout					8				(5-10% gravels)
		dry	0.1		9				
					10				
					11				
					12				
					13				
		dry	0.1		14				
					15			CL	**Sandy Lean CLAY with Gravel**; brown, 25-35% fine to medium grained sand, 10-15% gravel
			0.1		16			CL	**Lean CLAY**; dark brown, 5-10% sand and gravels, roots and root holes
		damp			17				
					18				
					19				
					20				(1" sand layer)
		damp			21				
			0.1		22			CL	**Lean Clay with SAND**; dark brown, 15-20% medium to coarse sand and gravel, roots and root holes
		damp							

Delta

Environmental Consultants, Inc.

Project No:	SJ11-989-1	Client:	Shell Oil Products US	Boring: GP-3	
Logged By:	RW	Location:	11887 Dublin Blvd	Page 2 of 2	
Driller:	Gregg	Date Drilled:	11/4/2005	Location Map	
Drilling Method:	Geoprobe	Hole Diameter:	2.5"	Please See Site Map	
Sampling Method:	Direct Push	Hole Depth:	26 ft		
Casing Type:	-	Well Diameter:	-		
Slot Size:	-	Well Depth:	-		
Gravel Pack:	-	Casing Stickup:	-		
Elevation		Northing		Easting	

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout	▼	moist			23			CL	**Sandy Lean Clay with Gravel**; tan, 15-20% 1/2 inch gravel
		moist			24			CL	**Sandy Lean CLAY**; tan, medium plasticity, 25-35% very fine sand, roots and root holes
		moist	0.1		25				
					26				Bottom of Boring at 26 ft
					27				
					28				
					29				
					30				
					31				
					32				
					33				
					34				
					35				
					36				
					37				
					38				
					39				
					40				
					41				
					42				
					43				
					44				

Delta

Environmental Consultants, Inc.

Project No:	SJ11-989-1	Client:	Shell Oil Products US	Well No: MW-5
Logged By:	Rebecca Wolff	Location:	11989 Dublin Blvd, Dublin	Page 1 of 2
Driller:	Gregg Drilling	Date Drilled:	12/19/2005	
Drilling Method:	HSA	Hole Diameter:	8"	
Sampling Method:	Split Spoon	Hole Depth:	32'	
Casing Type:	Sch 40 PVC	Well Diameter:	2"	
Slot Size:	0.01	Well Depth:	32'	
Gravel Pack:	2/12 Sand	Casing Stickup:	N/A	
Elevation		Northing		Easting

Location Map

Please see site map

Well Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill / Casing									
								AF	< 6" of asphalt
					1				
					2				
		dry moist	0.1	Air Knife & Hand Auger				CL	**Lean CLAY**; dark brown, 5-15% sand, slight plasticity, presence of small roots
					3				
					4			CL	(air knife had trouble penetrating soil as the clay grew more dense; water knife was also used) (sweet smelling odors detected ~4.5')
		dry	0.1		5			SC	**Clayey SAND**; medium brown, 20-30% clay, fine to very fine grained sand, no plasticity, presence of larger roots
					6				
					7				
					8				
Cement				6	9			CL	**Lean CLAY with sand**; brown, 15-25% fine grained sand, trace small gravels and roots, silty
		dry damp	0.1	12 14	10				
					11				
					12				
					13				
				6	14				
		dry	0.1	12 21	15				(same as above, abundant root holes) (increase in siltyness)
					16				
					17				
					18				
				7	19				
Bentonite		dry	0.1	13 18	20			ML	**Sandy SILT**; brown, 35-45% fine sand, trace clay, trace gravels roots and root holes; 1/4" root holes and voids
					21				
Sand					22				

Delta

Environmental Consultants, Inc.

Project No:	SJ11-989-1	Client:	Shell Oil Products US	Well No: MW-5
Logged By:	Rebecca Wolff	Location:	11989 Dublin Blvd, Dublin	Page 2 of 2
Driller:	Gregg Drilling	Date Drilled:	12/19/2005	
Drilling Method:	HSA	Hole Diameter:	8"	
Sampling Method:	Split Spoon	Hole Depth:	32'	
Casing Type:	Sch 40 PVC	Well Diameter:	2"	
Slot Size:	0.01	Well Depth:	32'	
Gravel Pack:	2/12 Sand	Casing Stickup:	N/A	
Elevation		Northing		Easting

Location Map

Please see site map

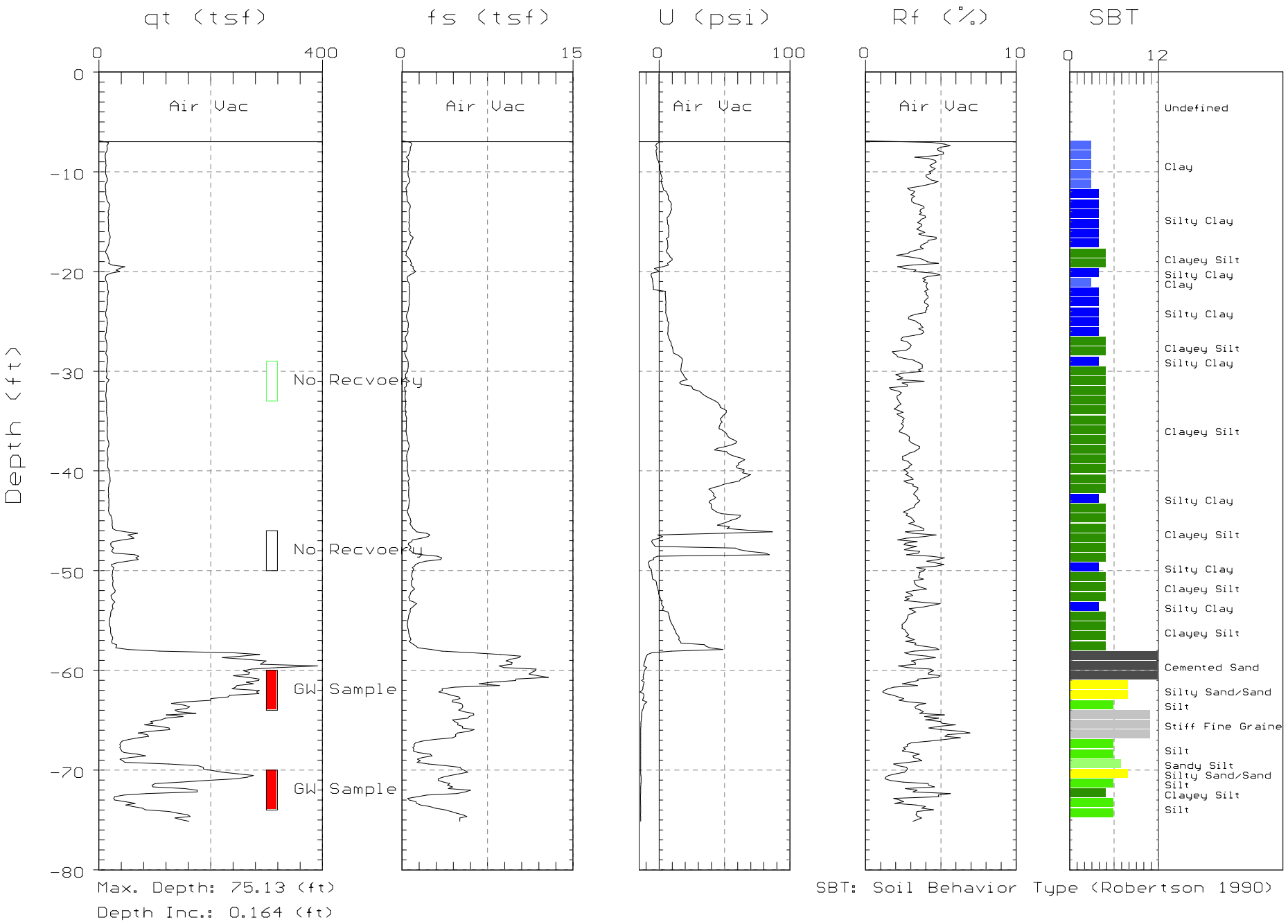
Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Sand	▼	dry	0.1	4 8 13	24			CL	**Lean CLAY**; dark brown, 5-15% fine to medium grained sand, trace small gravels, root holes
	▽	moist wet		4 7 10	29			CL	**Lean CLAY**; grey, high plasticity, trace sand, trace caliche, root holes
					32				Bottom of boring @ 32 feet

GREGG

DELTA ENV.

Site: 11989 DUBLIN BLVD.
Location: CPT-01

Engineer: R.WOLFF
Date: 11:01:05 11:35



Max. Depth: 75.13 (ft)
Depth Inc.: 0.164 (ft)

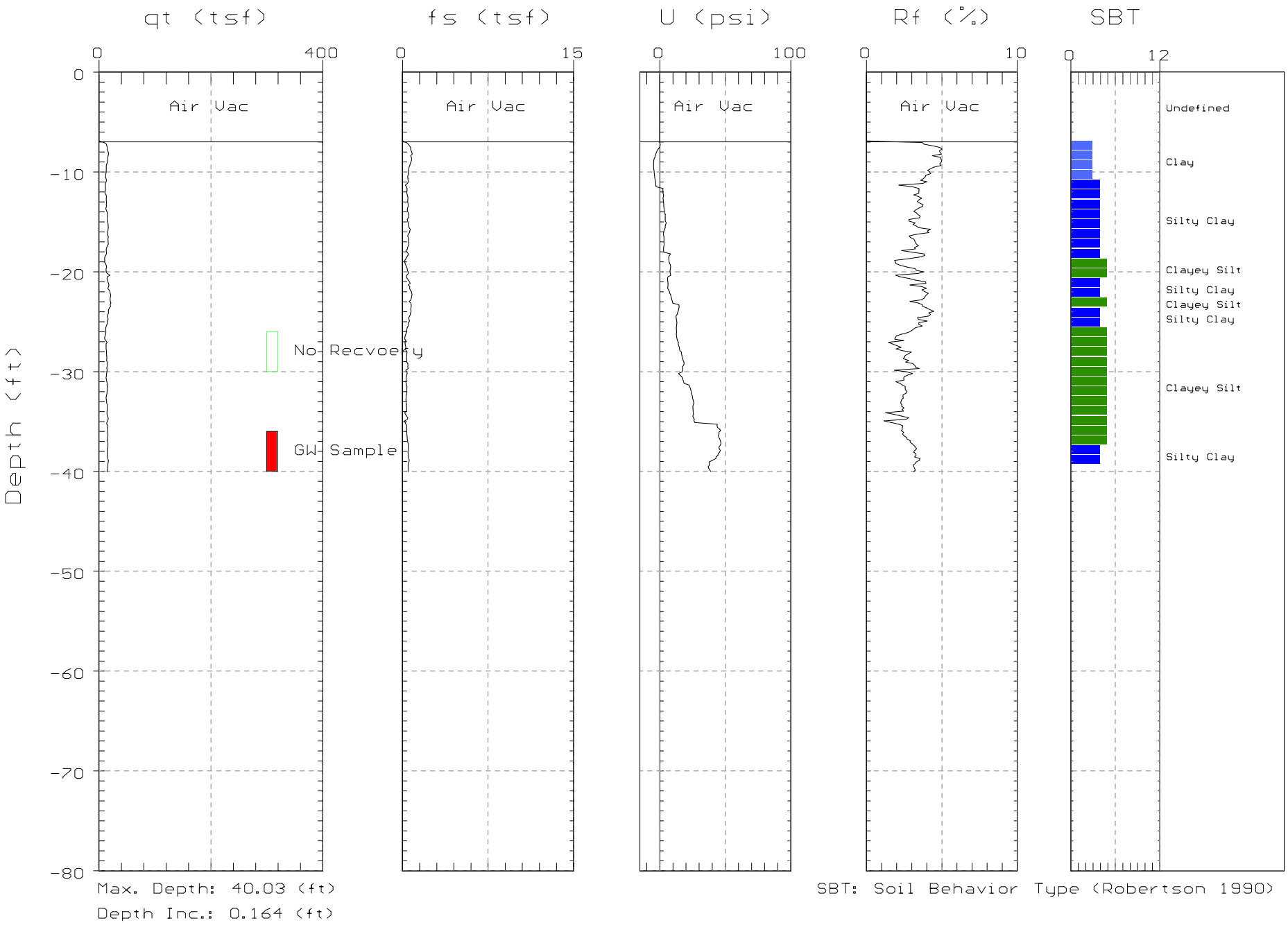
SBT: Soil Behavior Type (Robertson 1990)

GREGG

DELTA ENV.

Site: 11989 DUBLIN BLVD.
Location: CPT-04

Engineer: R.WOLFF
Date: 11:01:05 09:40



Max. Depth: 40.03 (ft)
Depth Inc.: 0.164 (ft)

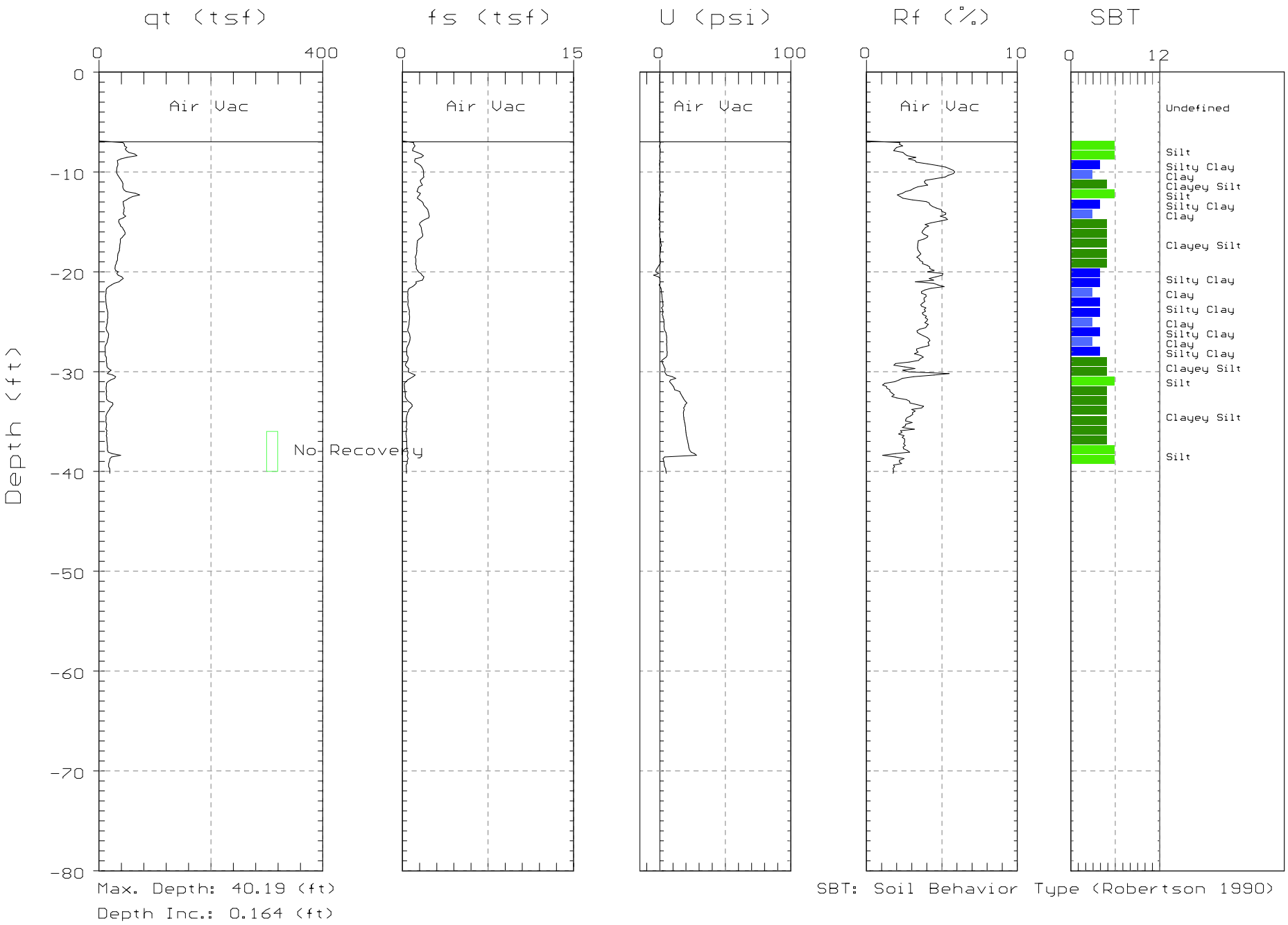
SBT: Soil Behavior Type (Robertson 1990)

GREGG

DELTA ENV.

Site: 11989 DUBLIN BLVD.
Location: CPT-06

Engineer: R.WOLFF
Date: 11:01:05 15:54



Max. Depth: 40.19 (ft)
Depth Inc.: 0.164 (ft)

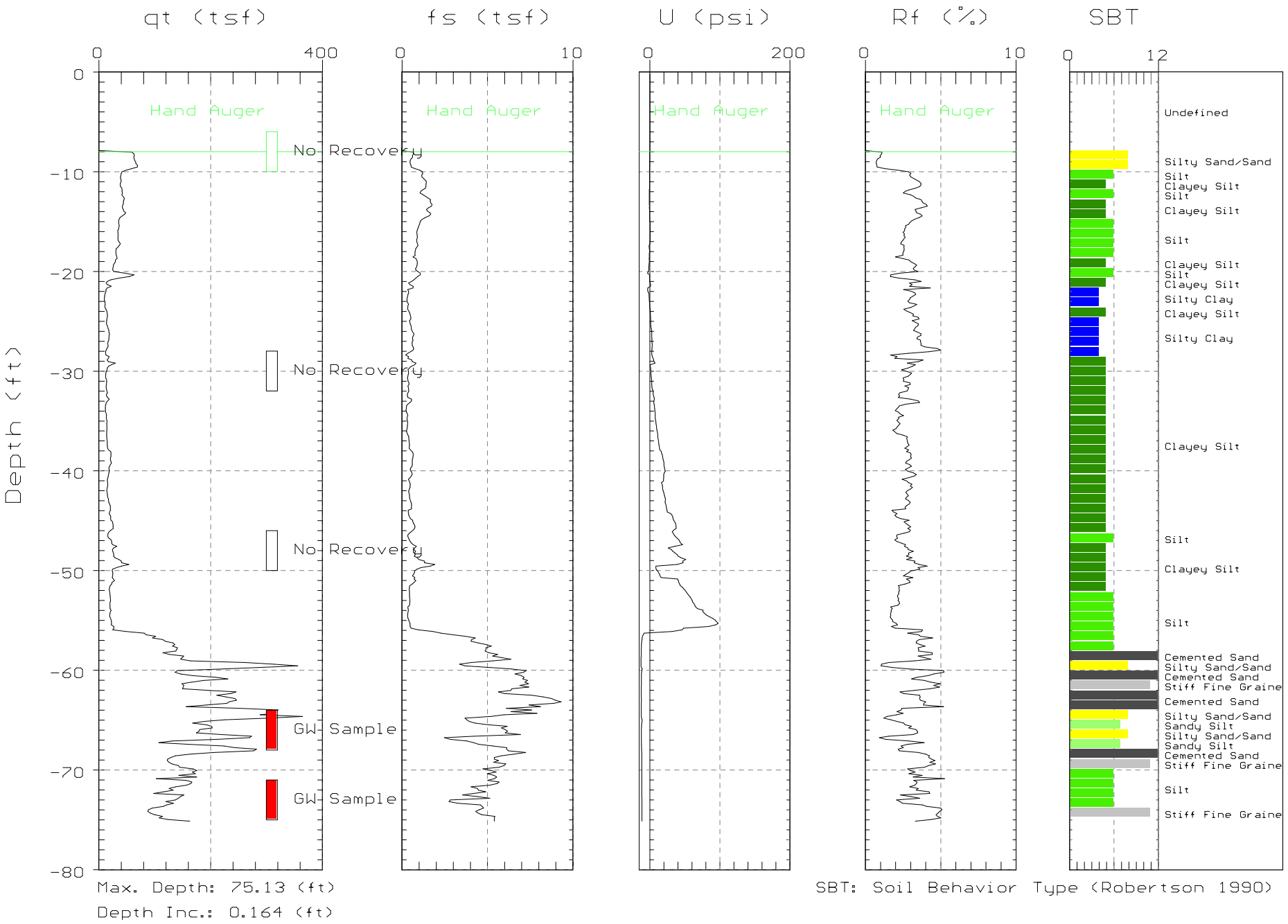
SBT: Soil Behavior Type (Robertson 1990)

GREGG

DELTA ENV.

Site: 7944 DUBLIN BLVD.
Location: CPT-02

Engineer: H.BUCKINGHAM
Date: 12:20:05 15:27

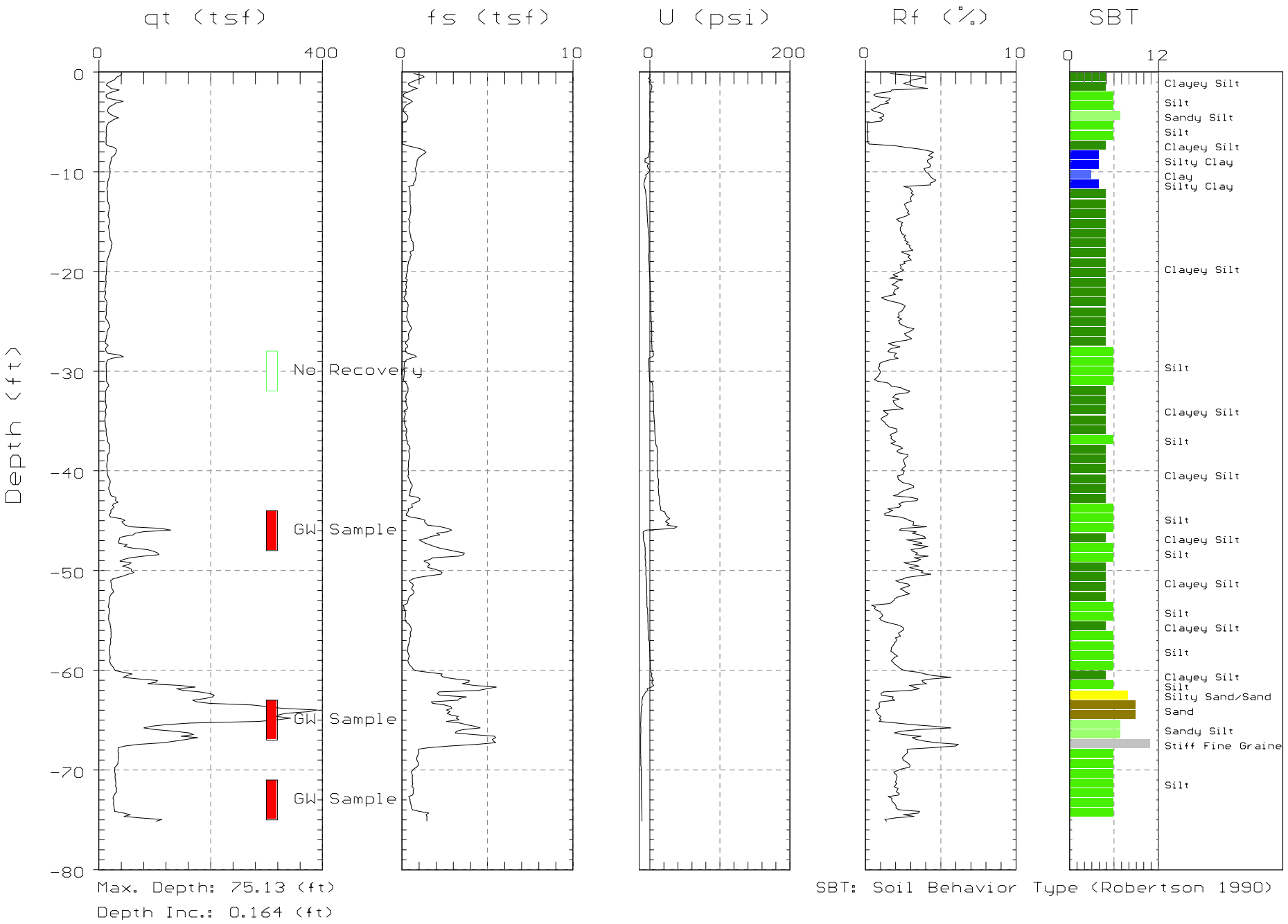


GREGG

DELTA ENV.

Site: 7944 DUBLIN BLVD.
Location: CPT-03

Engineer: H.BUCKINGHAM
Date: 12:19:05 18:51



Max. Depth: 75.13 (ft)
Depth Inc.: 0.164 (ft)

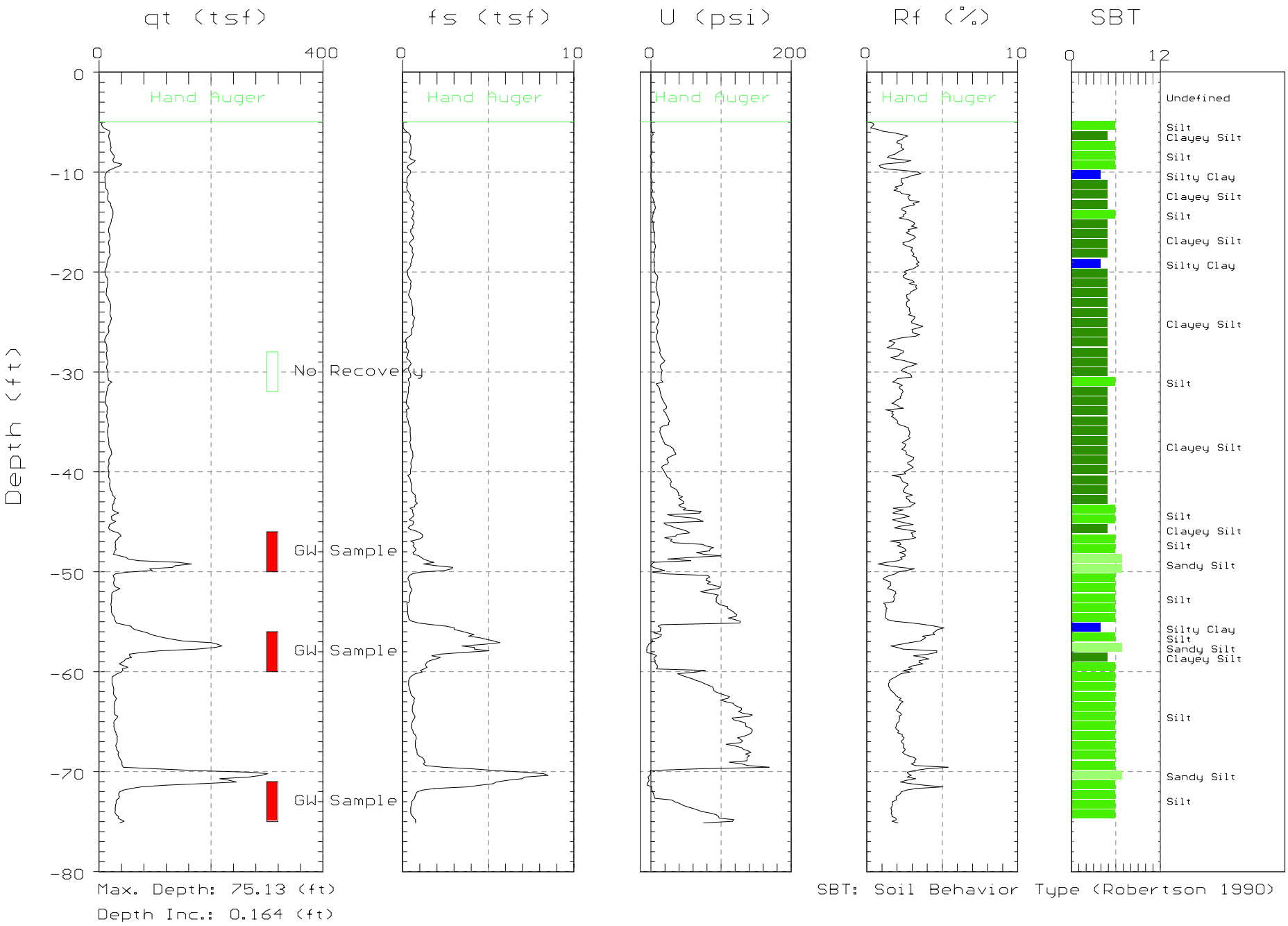
SBT: Soil Behavior Type (Robertson 1990)

GREGG

DELTA ENV.

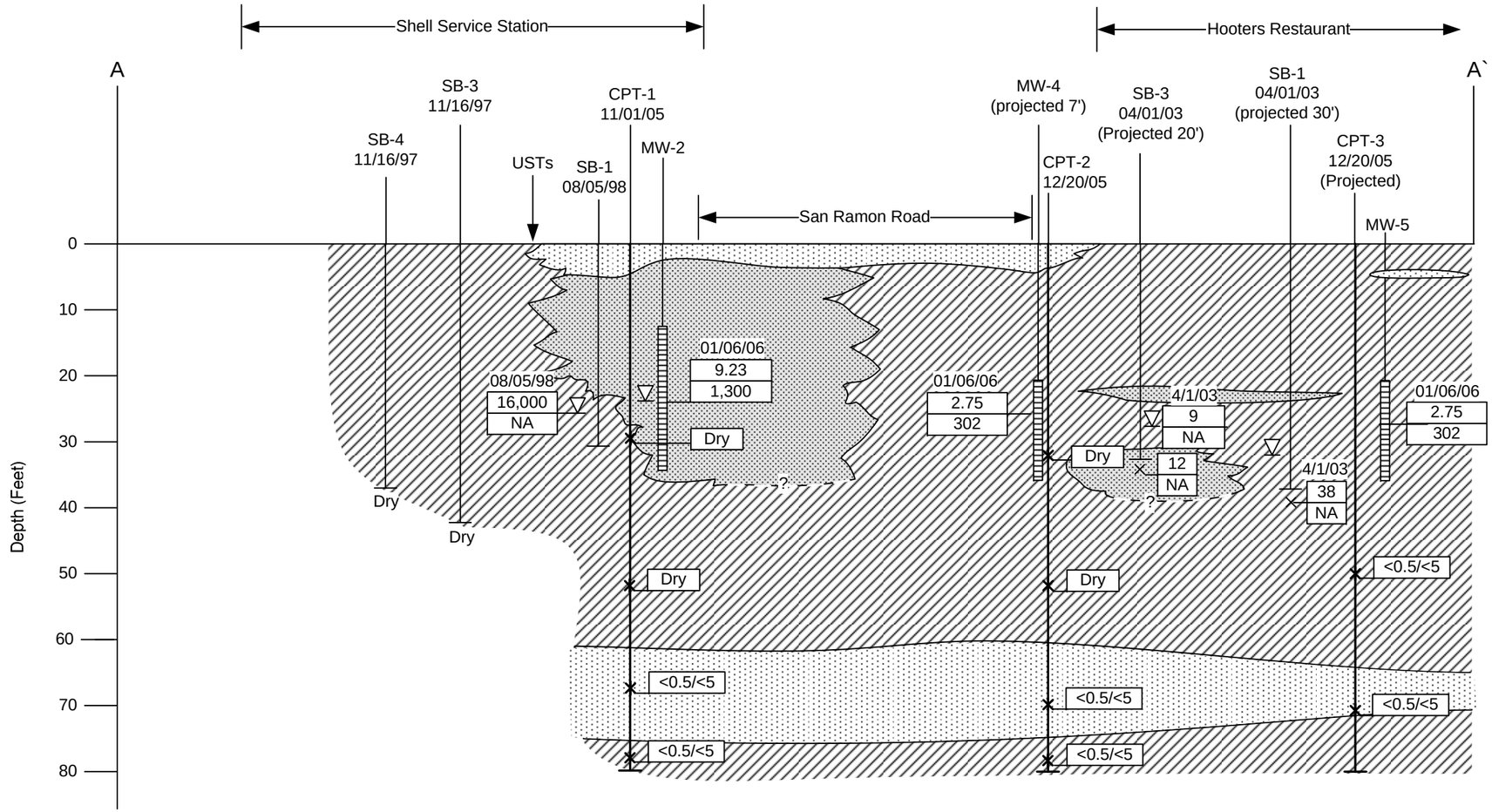
Site: 7944 DUBLIN BLVD.
Location: CPT-05

Engineer: H.BUCKINGHAM
Date: 12:19:05 12:57



Max. Depth: 75.13 (ft)
Depth Inc.: 0.164 (ft)

SBT: Soil Behavior Type (Robertson 1990)



LEGEND

- FILL - SAND AND GRAVEL
- CLAYEY SAND (SC), SILTY SAND (SM), SILTY GRAVEL (SM)
- CLAY (CL) AND SILT (ML)
- MONITORING WELL
- SCREENED INTERVAL
- SOIL BORING
- CPT BORING
- GROUNDWATER SAMPLE

▽ GROUNDWATER LEVEL ENCOUNTERED IN BORINGS

1/27/05 GROUNDWATER SAMPLE DATE

<10 / 3,700 MTBE (UG/L) / TBA (UG/L)

NA NOT ANALYZED

0 60 FT

APPROX. SCALE

FIGURE 3

GEOLOGIC CROSS SECTION A TO A`

SHELL -BRANDED SERVICE STATION
11989 Dublin Blvd.
Dublin, California

PROJECT NO. SJ11-989-1.2006	DRAWN BY JL 02/08/06
FILE NO. SJ11-989-1.2006	PREPARED BY JL.
REVISION NO. 2	REVIEWED BY

Delta Environmental Consultants, Inc.

Well Construction Information
Shell-branded Service Station
11989 Dublin Blvd., Dublin, California

Well	Date of Construction	Total Depth (feet)	Screened Interval (feet)
MW-1	11/8/1999	20.5	5 to 20
MW-2	11/8/1999	33	13 to 33
MW-3	11/8/1999	33	13 to 33
MW-4	7/26/2001	35	20 to 35
MW-5	12/19/2005	32	22 to 32

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

January 27, 2006

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

First Quarter 2006 Groundwater Monitoring at
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, CA

Monitoring performed on January 3 and 6, 2006

Groundwater Monitoring Report **060106-MT-1**

This report covers the routine monitoring of groundwater wells at this Shell-branded 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: Vera Fischer
Delta Environmental
175 Bernal Road, Suite 200
San Jose, CA 95119

WELL CONCENTRATIONS
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	07/20/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	367.99	6.24	361.75	NA
MW-1	10/25/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	367.99	6.36	361.63	NA
MW-1	01/27/2000	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	367.99	5.65	362.34	NA
MW-1	04/03/2000	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	367.99	5.68	362.31	1.2/1.6
MW-1	07/27/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	367.99	5.69	362.30	1.0/1.1
MW-1	10/16/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	367.99	5.74	362.25	1.2/0.8
MW-1	01/16/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	367.99	5.71	362.28	0.59/2.8
MW-1	04/19/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	367.99	5.63	362.36	1.4/1.5
MW-1	07/13/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	367.99	5.70	362.29	2.3/3.1
MW-1	08/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	367.99	5.72	362.27	NA
MW-1	10/26/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	367.99	5.73	362.26	0.4/0.0
MW-1	01/11/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	367.99	5.55	362.44	5.4/2.0
MW-1	05/22/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	367.99	5.55	362.44	NA
MW-1	07/15/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	367.99	5.70	362.29	NA
MW-1	10/11/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	367.99	5.87	362.12	NA
MW-1	01/17/2003	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	367.99	5.79	362.20	NA
MW-1	05/01/2003	52	NA	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	367.99	5.61	362.38	NA
MW-1	08/27/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	5.84	362.15	NA
MW-1	10/03/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	5.95	362.04	NA
MW-1	01/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	5.66	362.33	NA
MW-1	04/09/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	5.55	362.44	NA
MW-1	07/22/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	5.73	362.26	NA
MW-1	11/01/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	5.73	362.26	NA
MW-1	01/26/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	5.50	362.49	NA
MW-1	04/14/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	5.60	362.39	NA
MW-1	07/21/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	6.14	361.85	NA
MW-1	11/08/2005	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	367.99	6.33	361.66	NA

WELL CONCENTRATIONS
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-2	07/20/1999	2,600	699	55.0	<2.50	59.5	<2.50	9,370	NA	NA	NA	NA	NA	NA	365.43	20.31	345.12	NA
MW-2	10/25/1999	4,710	761	61.1	<10.0	74.6	<10.0	22,800	NA	NA	NA	NA	NA	NA	365.43	22.80	342.63	NA
MW-2	01/27/2000	3,820	1490	60.8	<10.0	156	<10.0	13,400	15,000 a	NA	NA	NA	NA	NA	365.43	19.17	346.26	NA
MW-2	04/03/2000	7,130	NA	184	14.9	238	18.8	34,200	28,000	NA	NA	NA	NA	NA	365.43	19.03	346.40	1.6/1.7
MW-2	07/27/2000	311	NA	10.0	<0.500	<0.500	<0.500	280	NA	NA	NA	NA	NA	NA	365.43	19.09	346.34	1.9/1.7
MW-2	10/16/2000	3,970	NA	123	<5.00	68.5	<5.00	14,000	15,600	NA	NA	NA	NA	NA	365.43	23.98	341.45	0.5/0.5
MW-2	01/16/2001	5,780	NA	125	9.71	139	6.93	7,660	7,810	NA	NA	NA	NA	NA	365.43	22.12	343.31	0.90/2.61
MW-2	04/19/2001	4,460	NA	114	7.61	115	4.87	15,200	18,400	NA	NA	NA	NA	NA	365.43	20.95	344.48	1.6/1.5
MW-2	07/13/2001	<5,000	NA	<25	<25	110	<25	NA	15,000	NA	NA	NA	NA	NA	365.43	22.62	342.81	2.7/1.8
MW-2	08/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	365.43	22.33	343.10	NA
MW-2	10/26/2001	3,700	NA	<20	<20	66	<20	NA	9,200	<20	<20	<20	1,800	<500	365.43	22.32	343.11	0.7/0.8
MW-2	01/11/2002	<5,000	NA	<50	<50	54	<50	NA	15,000	NA	NA	NA	NA	NA	365.43	18.72	346.71	5.1/c
MW-2	05/22/2002	<5,000	NA	53	<50	57	<50	NA	20,000	<50	<50	<50	6,300	NA	365.43	20.59	344.84	NA
MW-2	07/15/2002	<5,000	NA	<50	<50	<50	<50	NA	16,000	<50	<50	<50	3,100	NA	365.43	21.90	343.53	NA
MW-2	10/11/2002	3,600	NA	<20	<20	48	<20	NA	8,200	<20	<20	<20	1,600	NA	365.43	22.45	342.98	NA
MW-2	01/17/2003	4,700	NA	<25	<25	87	<25	NA	13,000	<25	<25	<25	7,700	NA	365.43	19.27	346.16	NA
MW-2	05/01/2003	6,000	NA	<50	<50	110	<100	NA	12,000	<200	<200	<200	6,700	NA	365.43	19.09	346.34	NA
MW-2	08/27/2003	2,500	NA	32	<25	100	<50	NA	4,800	<100	<100	<100	9,100	NA	365.43	22.53	342.90	NA
MW-2	10/03/2003	5,500 d	NA	32	<13	86	<25	NA	2,200	<50	<50	<50	9,900	NA	365.43	23.02	342.41	NA
MW-2	01/05/2004	6,500	NA	22	<13	58	<25	NA	1,200	<50	<50	<50	7,400	NA	365.43	19.08	346.35	NA
MW-2	04/09/2004	6,500	NA	72	<13	30	<25	NA	1,600	<50	<50	<50	11,000	NA	365.43	20.22	345.21	NA
MW-2	07/22/2004	4,900	NA	32	<13	19	<25	NA	180	<50	<50	<50	7,100	NA	365.43	22.14	343.29	NA
MW-2	11/01/2004	5,700	NA	42	<13	13	<25	NA	190	<50	<50	<50	6,100	NA	365.43	20.72	344.71	NA
MW-2	01/26/2005	6,600	NA	94	<13	13	<25	NA	1,700	<50	<50	<50	16,000	NA	365.43	17.95	347.48	NA
MW-2	04/14/2005	8,200	NA	170	<10	92	<20	NA	1,300	<40	<40	<40	15,000	NA	365.43	18.10	347.33	NA
MW-2	07/21/2005	4,100	NA	23	<10	13	<20	NA	96	<40	<40	<40	4,600	NA	365.43	22.72	342.71	NA
MW-2	11/08/2005	1,290	NA	1.66	0.990	2.56	1.25	NA	11.9	<0.500	<0.500	<0.500	428	NA	365.43	21.77	343.66	NA
MW-2	**01/06/2006**	**6,650**	**NA**	**<0.500**	**<0.500**	**2.69**	**<0.500**	**NA**	**9.23 g**	**<0.500**	**<0.500**	**<0.500**	**1,300 g**	**NA**	**365.43**	**18.94**	**346.49**	**NA**

WELL CONCENTRATIONS
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-3	07/20/1999	208	177	4.69	<0.500	<0.500	<0.500	664	NA	NA	NA	NA	NA	NA	364.97	24.23	340.74	NA
MW-3	10/25/1999	378	182	9.49	<0.500	<0.500	<0.500	1,410	NA	NA	NA	NA	NA	NA	364.97	23.26	341.71	NA
MW-3	01/27/2000	428	100	29.4	<0.500	<0.500	<0.500	941	NA	NA	NA	NA	NA	NA	364.97	19.53	345.44	NA
MW-3	04/03/2000	<125	NA	11.4	<1.25	<1.25	<1.25	639	NA	NA	NA	NA	NA	NA	364.97	19.13	345.84	1.4/1.9
MW-3	07/27/2000	4,360	NA	78.4	6.95	85.8	2.61	26,600	25,200 b	NA	NA	NA	NA	NA	364.97	19.10	345.87	1.9/2.0
MW-3	10/16/2000	586	NA	21.3	<0.500	<0.500	<0.500	3,310	NA	NA	NA	NA	NA	NA	364.97	24.11	340.86	1.1/0.8
MW-3	01/16/2001	558	NA	14.7	<0.500	<0.500	<0.500	2,210	NA	NA	NA	NA	NA	NA	364.97	22.19	342.78	0.87/3.5
MW-3	04/19/2001	376	NA	9.08	<0.500	<0.500	<0.500	667	NA	NA	NA	NA	NA	NA	364.97	20.96	344.01	1.7/1.4
MW-3	07/13/2001	370	NA	<2.0	<2.0	<2.0	<2.0	NA	670	NA	NA	NA	NA	NA	364.97	22.77	342.20	3.1/4.8
MW-3	08/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	364.97	22.59	342.38	NA
MW-3	10/26/2001	<200	NA	<2.0	<2.0	<2.0	<2.0	NA	680	<2.0	<2.0	<2.0	79	<500	364.97	22.81	342.16	1.0/3.2
MW-3	01/11/2002	480	NA	<2.0	<2.0	<2.0	<2.0	NA	830	NA	NA	NA	NA	NA	364.97	18.88	346.09	1.1/3.2
MW-3	05/22/2002	570	NA	<1.0	<1.0	<1.0	<1.0	NA	680	<2.0	<2.0	<2.0	58	NA	364.97	20.75	344.22	NA
MW-3	07/15/2002	420	NA	1.1	<1.0	<1.0	1.1	NA	520	<2.0	<2.0	<2.0	53	NA	364.97	22.09	342.88	NA
MW-3	10/11/2002	730	NA	<0.50	<0.50	<0.50	<0.50	NA	320	<2.0	<2.0	<2.0	330	NA	364.97	22.68	342.29	NA
MW-3	01/17/2003	740	NA	<0.50	<0.50	<0.50	<0.50	NA	150	<2.0	<2.0	<2.0	440	NA	364.97	19.34	345.63	NA
MW-3	05/01/2003	890	NA	<0.50	<0.50	<0.50	<1.0	NA	78	<2.0	<2.0	<2.0	300	NA	364.97	19.27	345.70	NA
MW-3	08/27/2003	920 d	NA	<0.50	<0.50	<0.50	<1.0	NA	52	<2.0	<2.0	<2.0	330	NA	364.97	22.73	342.24	NA
MW-3	10/03/2003	870 d	NA	<0.50	<0.50	<0.50	<1.0	NA	65	<2.0	<2.0	<2.0	520	NA	364.97	23.15	341.82	NA
MW-3	01/05/2004	860 d	NA	<0.50	<0.50	<0.50	<1.0	NA	40	<2.0	<2.0	<2.0	750	NA	364.97	19.60	345.37	NA
MW-3	04/09/2004	420 d	NA	<0.50	<0.50	<0.50	<1.0	NA	58	<2.0	<2.0	<2.0	280	NA	364.97	20.30	344.67	NA
MW-3	07/22/2004	570 e	NA	<0.50	<0.50	<0.50	<1.0	NA	20	<2.0	<2.0	<2.0	360	NA	364.97	22.42	342.55	NA
MW-3	11/01/2004	430	NA	<0.50	<0.50	<0.50	<1.0	NA	28	<2.0	<2.0	<2.0	680	NA	364.97	21.00	343.97	NA
MW-3	01/26/2005	1000	NA	0.53	<0.50	<0.50	<1.0	NA	20	<2.0	<2.0	<2.0	820	NA	364.97	17.92	347.05	NA
MW-3	04/14/2005	1,100	NA	1.3	<0.50	<0.50	<1.0	NA	16	<2.0	<2.0	<2.0	580	NA	364.97	18.11	346.86	NA
MW-3	07/21/2005	490	NA	<0.50	<0.50	<0.50	<1.0	NA	4.2	<2.0	<2.0	<2.0	400	NA	364.97	22.95	342.02	NA
MW-3	11/08/2005	349	NA	<0.500	<0.500	<0.500	<0.500	NA	10.1	<0.500	<0.500	<0.500	418	NA	364.97	22.18	342.79	NA
MW-3	**01/06/2006**	**<50.0**	**NA**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**13.7**	**<0.500**	**<0.500**	**<0.500**	**1,060**	**NA**	**364.97**	**19.40**	**345.57**	**NA**

WELL CONCENTRATIONS
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-4	08/10/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	364.01	25.63	338.38	NA
MW-4	08/13/2001	2,400	NA	<10	<10	<10	<10	NA	8,300	NA	NA	NA	NA	NA	364.01	26.32	337.69	4.2/2.7
MW-4	10/26/2001	<2,000	NA	<20	<20	<20	<20	NA	8,600	NA	NA	NA	NA	NA	364.01	26.02	337.99	3.1/2.8
MW-4	01/11/2002	<2,000	NA	<20	<20	<20	<20	NA	5,100	NA	NA	NA	NA	NA	364.01	22.25	341.76	7.9/3.0
MW-4	05/22/2002	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	3,200	<5.0	<5.0	<5.0	2,500	NA	364.01	23.96	340.05	NA
MW-4	07/15/2002	<2,500	NA	<20	<20	<20	<20	NA	7,000	<20	<20	<20	2,000	NA	363.97	25.18	338.79	NA
MW-4	10/11/2002	1,900	NA	<5.0	<5.0	<5.0	<5.0	NA	2,900	<5.0	<5.0	<5.0	5,100	NA	363.97	25.91	338.06	NA
MW-4	01/17/2003	580	NA	<2.5	<2.5	<2.5	<2.5	NA	59	<2.5	<2.5	<2.5	7,000	NA	363.97	22.38	341.59	NA
MW-4	05/01/2003	770	NA	<5.0	<5.0	<5.0	<10	NA	73	<20	<20	<20	4,300	NA	363.97	21.92	342.05	NA
MW-4	08/27/2003	<1,000	NA	<10	<10	<10	<20	NA	370	<40	<40	<40	11,000	NA	363.97	25.31	338.66	NA
MW-4	10/03/2003	<1,000	NA	<10	<10	<10	<20	NA	190	<40	<40	<40	11,000	NA	363.97	26.00	337.97	NA
MW-4	01/05/2004	<1,000	NA	<10	<10	<10	<20	NA	<10	<40	<40	<40	7,400	NA	363.97	23.48	340.49	NA
MW-4	04/09/2004	<1,000	NA	<10	<10	<10	<20	NA	<10	<40	<40	<40	5,700	NA	363.97	23.45	340.52	NA
MW-4	07/22/2004	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	363.97	NA	NA	NA
MW-4	11/01/2004	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	363.97	NA	NA	NA
MW-4	01/26/2005	1200 f	NA	<10	<10	<10	<20	NA	<10	<40	<40	<40	3700	NA	363.97	21.44	342.53	NA
MW-4	04/14/2005	1,000 f	NA	<0.50	<0.50	<0.50	<1.0	NA	6.2	<2.0	<2.0	<2.0	5,800	NA	363.97	20.69	343.28	NA
MW-4	07/21/2005	390	NA	<2.5	<2.5	<2.5	<5.0	NA	<2.5	<10	<10	<10	2,400	NA	363.97	25.55	338.42	NA
MW-4	11/08/2005	489	NA	<0.500	<0.500	<0.500	<0.500	NA	3.23	<0.500	<0.500	<0.500	1,710	NA	363.97	25.46	338.51	NA
MW-4	**01/06/2006**	**<50.0**	**NA**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**2.75 g**	**<0.500**	**<0.500**	**<0.500**	**302**	**NA**	**363.97**	**22.55**	**341.42**	**NA**
MW-5	**01/03/2006**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**22.95**	**NA**	**NA**
MW-5	**01/06/2006**	**<50.0**	**280**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**<10.0**	**NA**	**NA**	**22.77**	**NA**	**NA**

WELL CONCENTRATIONS
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to July 13, 2001, analyzed by EPA Method 8015.

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

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to July 13, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary butyl ether

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

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

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

TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260

TOC = Top of Casing Elevation

GW = Groundwater

DO = Dissolved Oxygen

n/n = Pre-purge/Post-purge DO Readings

ug/L = Parts per billion

ppm = Parts per million

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

NA = Not applicable

WELL CONCENTRATIONS
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)

Notes:

a = Sample was analyzed outside the EPA recommended holding time.

b = Concentration is an estimate.

c = DO meter malfunctioning.

d = Hydrocarbon does not match pattern of laboratory's standard.

e = Sample contains discrete peak in addition to gasoline.

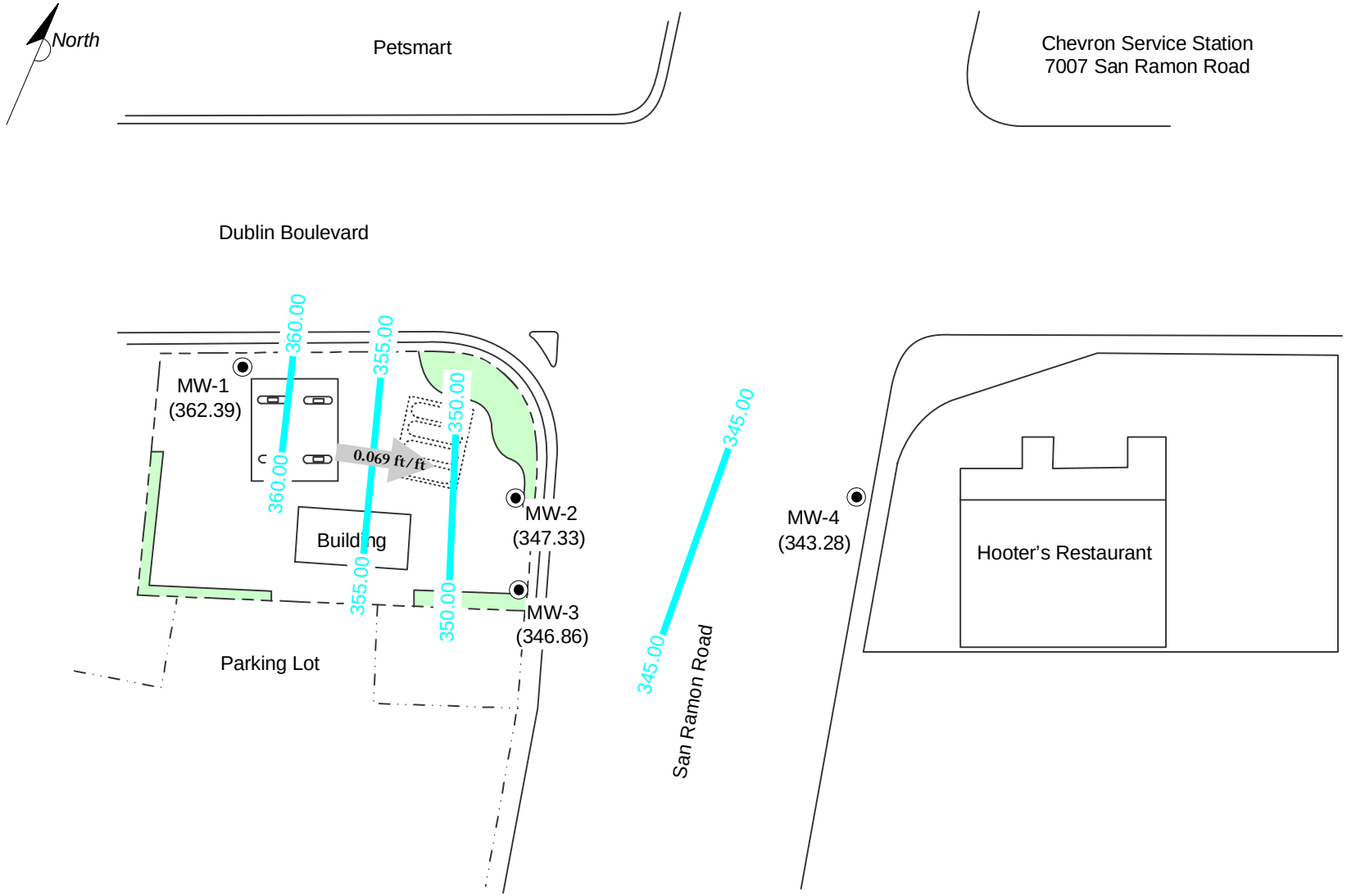
f = Quantity of unknown hydrocarbon(s) in sample based on gasoline.

g = Secondary ion abundances were outside method requirements. Identification based on analytical judgement.

Ethanol analyzed by EPA Method 8260B.

Wells surveyed June 21, 1999 by Virgil Chavez Land Surveying of Vallejo, CA.

Wells surveyed August 23, 2001 and February 18, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.



LEGEND

MW-1 ◉ **GROUNDWATER MONITORING WELL**

(342.52) **GROUNDWATER ELEVATION (FEET-MSL), 4/14/05**

342.00 **GROUNDWATER ELEVATION CONTOUR**

0.13 ft/ft **APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT**

0 80 FT

APPROX. SCALE

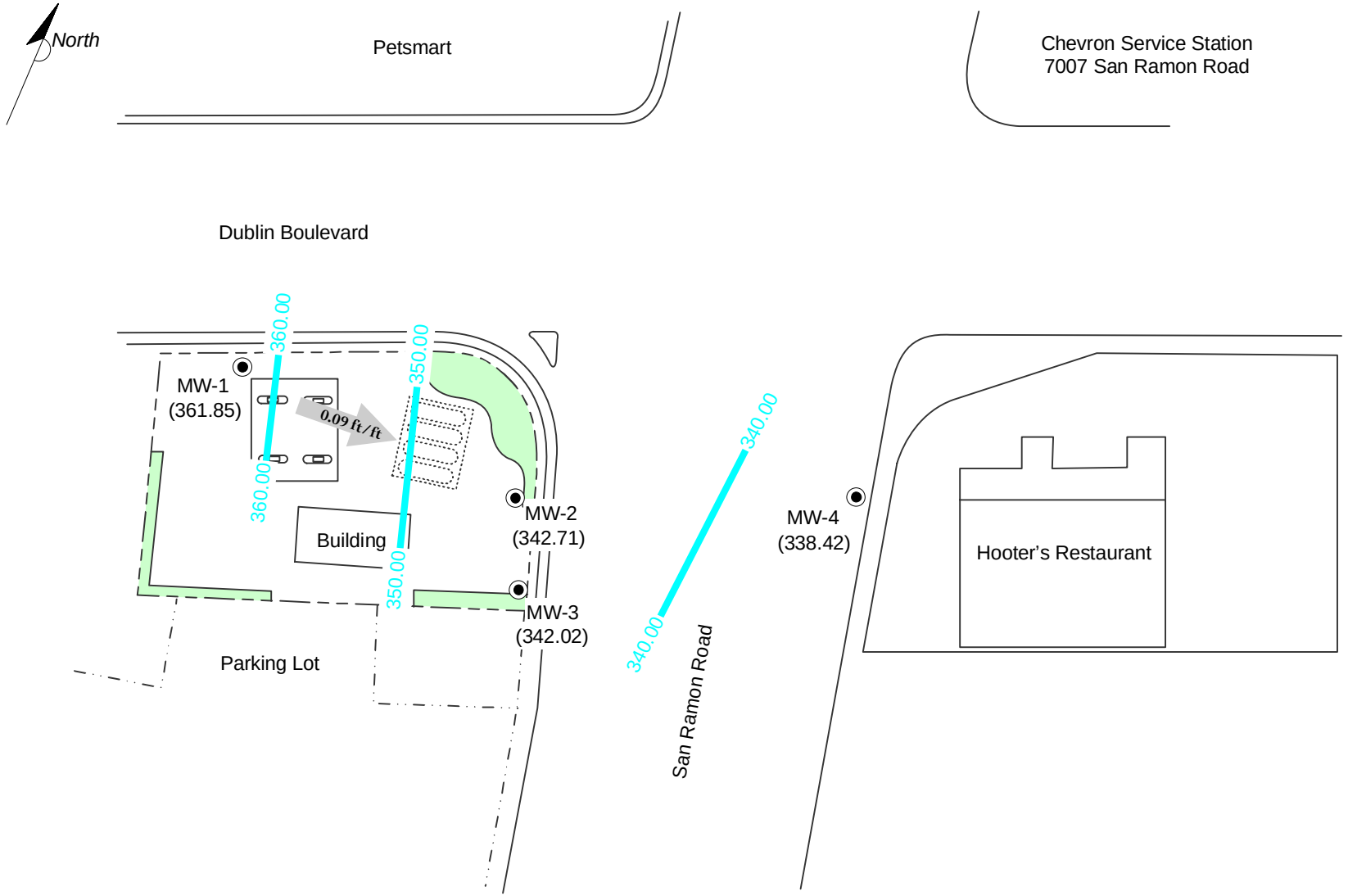
FIGURE 2

GROUNDWATER ELEVATION CONTOUR MAP, APRIL 14, 2005

SHELL-BRANDED SERVICE STATION
11989 Dublin Boulevard
Dublin. California

PROJECT NO. SJ11-989-1.2005	DRAWN BY V. F. 2/11/05
FILE NO. SJ11-989-1.2005	PREPARED BY V. F.
REVISION NO. 2	REVIEWED BY

Delta
Environmental
Consultants, Inc.



LEGEND

MW-1 ◉ **GROUNDWATER MONITORING WELL**

(342.52) **GROUNDWATER ELEVATION (FEET-MSL), 7/21/05**

342.00 **GROUNDWATER ELEVATION CONTOUR**

0.13 ft/ft **APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT**

0 80 FT

APPROX. SCALE

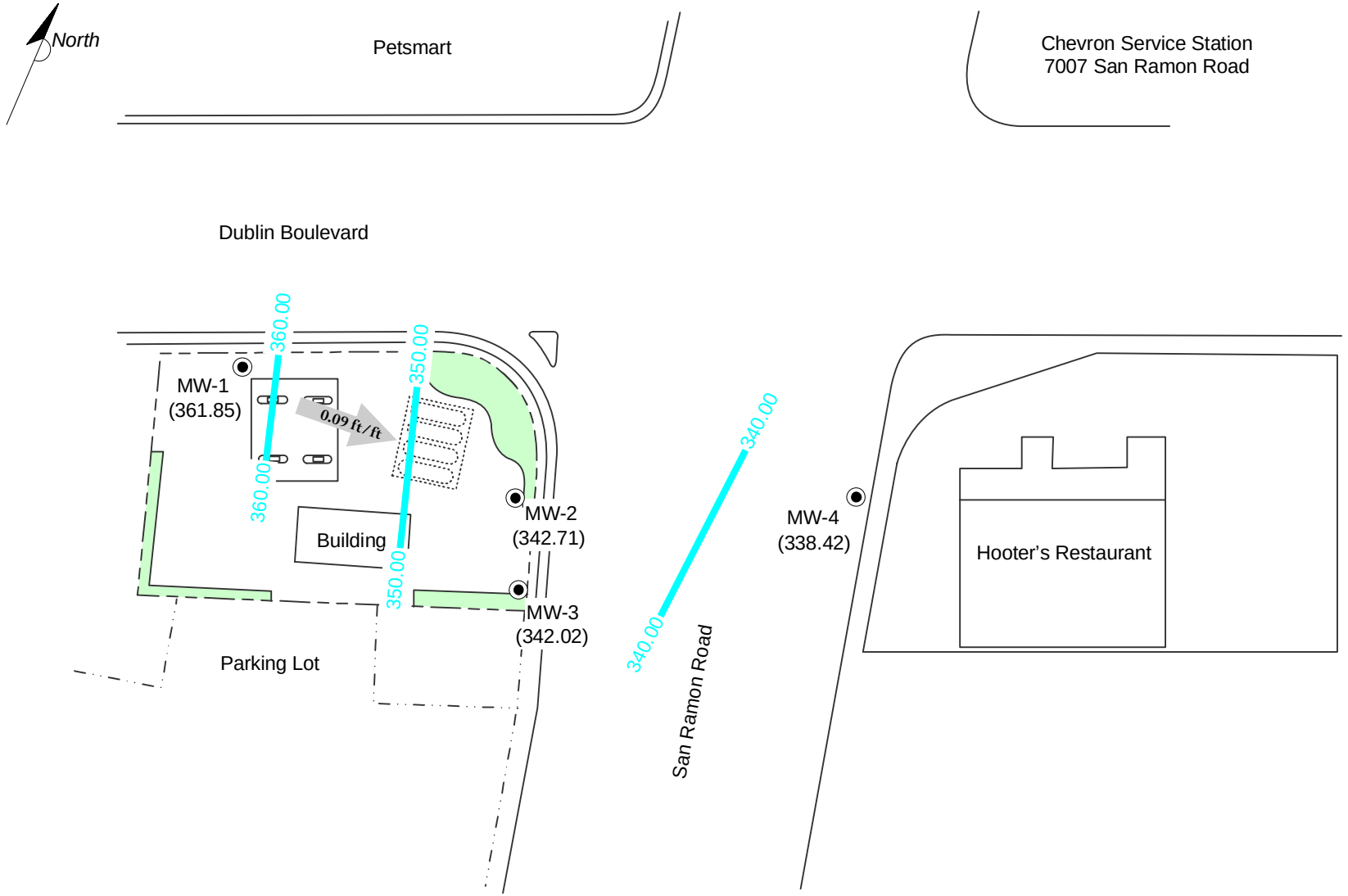
FIGURE 2

GROUNDWATER ELEVATION CONTOUR MAP, JULY 21, 2005

SHELL-BRANDED SERVICE STATION
11989 Dublin Boulevard
Dublin. California

PROJECT NO. SJ11-989-1.2005	DRAWN BY V. F. 2/11/05
FILE NO. SJ11-989-1.2005	PREPARED BY V. F.
REVISION NO. 2	REVIEWED BY

Delta Environmental Consultants, Inc.



LEGEND

MW-1 ◉ **GROUNDWATER MONITORING WELL**

(342.52) **GROUNDWATER ELEVATION (FEET-MSL), 7/21/05**

342.00 **GROUNDWATER ELEVATION CONTOUR**

0.13 ft/ft **APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT**

0 80 FT

APPROX. SCALE

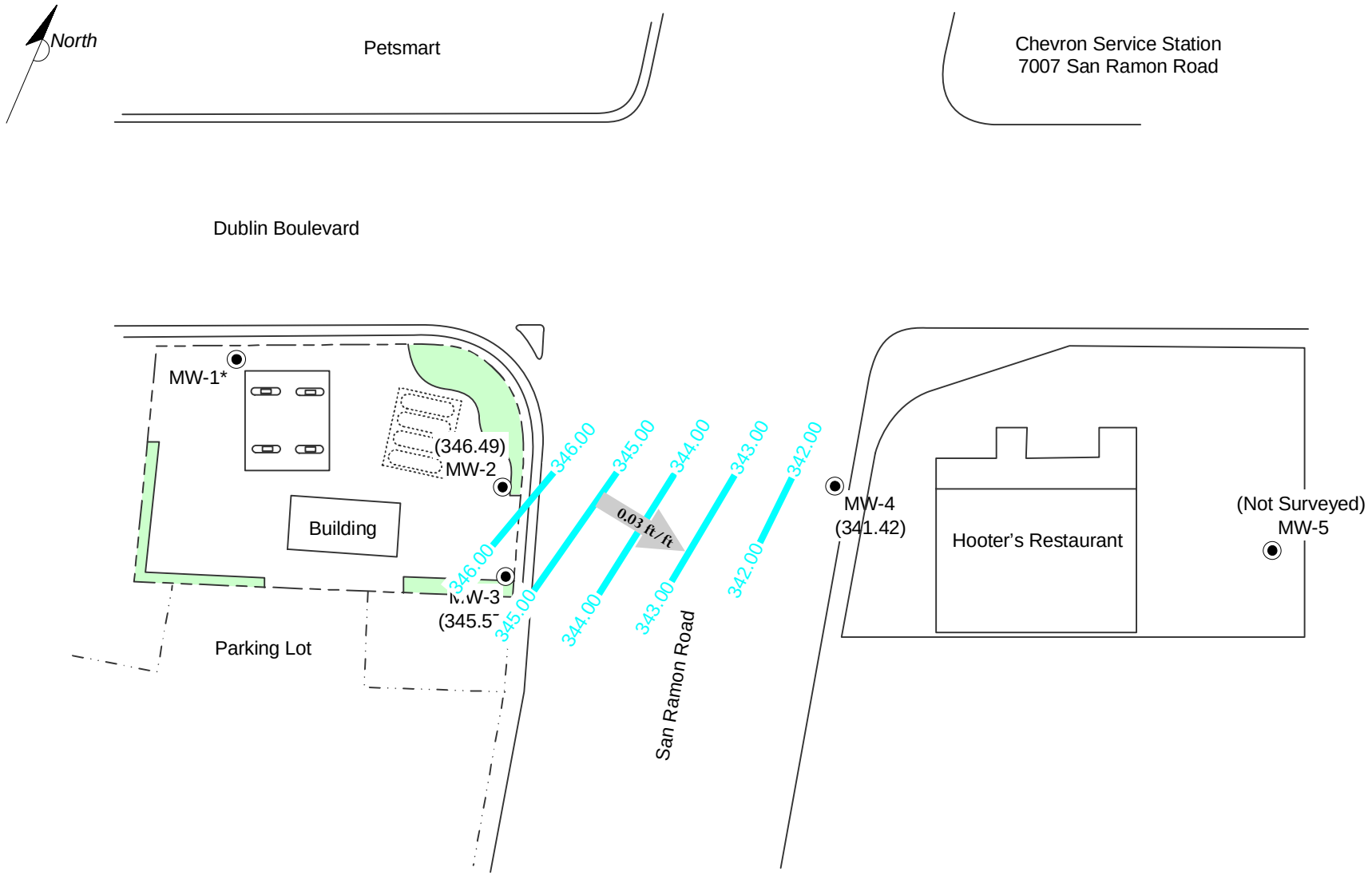
FIGURE 2

GROUNDWATER ELEVATION CONTOUR MAP, JULY 21, 2005

SHELL-BRANDED SERVICE STATION
11989 Dublin Boulevard
Dublin. California

PROJECT NO. SJ11-989-1.2005	DRAWN BY V. F. 2/11/05
FILE NO. SJ11-989-1.2005	PREPARED BY V. F.
REVISION NO. 2	REVIEWED BY

Delta Environmental Consultants, Inc.



LEGEND

MW-1 ◉ **GROUNDWATER MONITORING WELL**

(342.52) **GROUNDWATER ELEVATION (FEET-MSL), 1/6/06**

342.00 **GROUNDWATER ELEVATION CONTOUR**

0.13 ft/ft **APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT**

* **REMOVED FROM SAMPLING PROGRAM**

0 80 FT

APPROX. SCALE

FIGURE 2

GROUNDWATER ELEVATION CONTOUR MAP, JANUARY 6, 2006

SHELL-BRANDED SERVICE STATION
11989 Dublin Boulevard
Dublin. California

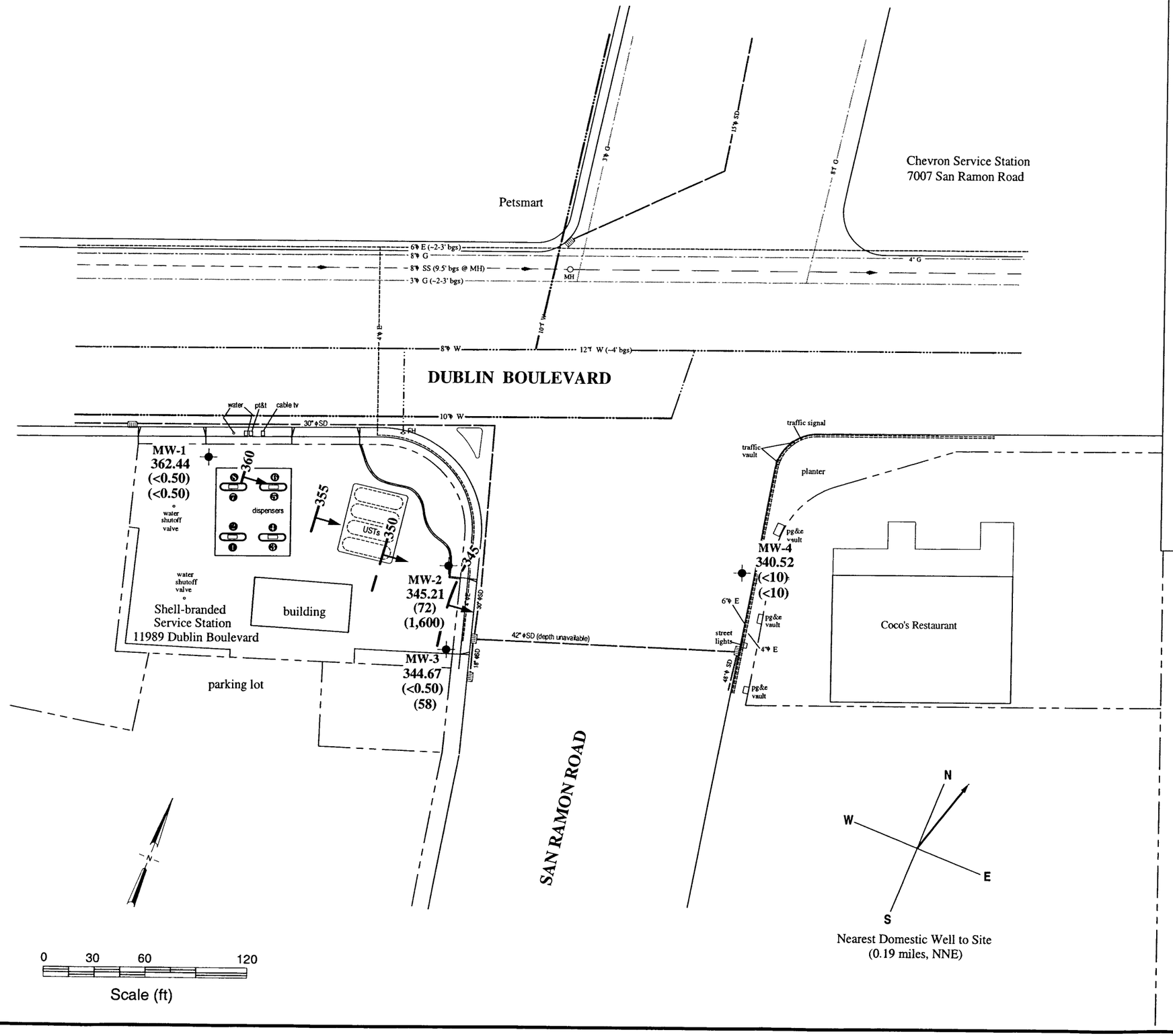
PROJECT NO. SJ11-989-1.2006	DRAWN BY V. F. 2/11/05
FILE NO. SJ11-989-1.2006	PREPARED BY V. F.
REVISION NO. 2	REVIEWED BY

Delta
Environmental Consultants, Inc.

13-May-04

Groundwater Contour/ Chemical Concentration Map

April 9, 2004

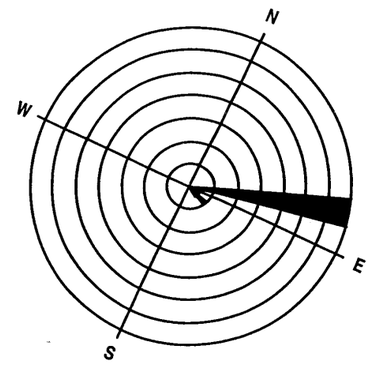


EXPLANATION

- Monitoring well location
- Product dispenser number
- FH — Fire Hydrant (FH)
- MH — Manhole (MH)
- Storm drain inlet
- 8.28' bgs — Utility depth below ground surface
- Flow direction indicator
- Gas line (G)
- Storm Drain line (SD)
- Water line (W)
- Sanitary Sewer line (SS)
- Electric line (E)
- Groundwater elevation contour in feet referenced to mean sea level (ft msl). Arrows indicate approximate groundwater flow direction
- **362.04** — Groundwater elevation in ft msl
- **(<0.050)** — Benzene concentration in parts per billions (ppb)
- **(<0.50)** — MTBE concentration in ppb
- <x — Not detected at reporting limit x

Approximate hydraulic gradient = 0.11

Nearest Domestic Well to Site
(0.19 miles, NNE)



Groundwater Gradient Direction
(07/20/99 to 01/05/04)

FIGURE
2

Shell-branded Service Station
11989 Dublin Boulevard
Dublin, California

CAMBRIA

0548

Table 1
Summary of Soil Analytical Data
Shell Service Station
11989 Dublin Blvd.
Dublin, California

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)
Dispenser and Product Line Soil Samples 1997										
P-1	6/17/97	4 to 5	**24**	**97.0**	<0.025	**0.27**	**0.098**	2.5	6.3	NA
P-2	6/17/97	4 to 5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
P-3	6/17/97	4 to 5	<1.0	**1.4**	<0.005	<0.005	<0.005	<0.005	<0.025	NA
P-4	6/17/97	4 to 5	**2**	**160.0**	<0.005	<0.005	<0.005	**0.015**	**0.027**	NA
D-1	6/17/97	4 to 5	<1.0	**9.9**	<0.005	**0.014**	**0.0062**	**0.068**	**0.060**	NA
D-2	6/17/97	4 to 5	**86**	**20.0**	**0.55**	**3.3**	**0.99**	**7.8**	**8.9**	NA
TS-1	6/20/97	4 to 5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-2	6/20/97	4 to 5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-3	6/20/97	4 to 5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-4	6/20/97	4 to 5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-5	6/20/97	4 to 5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-6	6/20/97	4 to 5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-7	6/20/97	4 to 5	**690**	**12,000**	<0.25	<0.25	<0.25	<0.25	<1.2	NA
TS-8	6/20/97	4 to 5	<1.0	**1.3**	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-9	6/20/97	4 to 5	<1.0	**2.2**	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-10	6/20/97	4 to 5	<1.0	**2.6**	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-11	6/20/97	4 to 5	<1.0	**11.0**	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-12	6/20/97	4 to 5	<1.0	**3.7**	<0.005	<0.005	<0.005	<0.005	<0.025	NA
Borings by Cambria										
SB-1	11/19/97	10	<1.0	**1.3**	<0.005	<0.005	<0.005	<0.005	<0.025	NA
SB-1	11/19/97	20	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
SB-1	11/19/97	35	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
SB-2	11/19/97	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
SB-2	11/19/97	20	**1.8**	**19**	<0.005	<0.005	<0.005	<0.005	**0.11**	NA
SB-3	11/19/97	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
SB-3	11/19/97	25	**11**	**300**	**0.0051**	**0.18**	<0.005	**0.013**	**0.069**	NA
SB-3	11/19/97	35	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
SB-4	11/19/97	10	<1.0	**1.8**	<0.005	<0.005	<0.005	<0.005	**0.031**	NA
SB-4	11/19/97	25	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA

Table 1
Summary of Soil Analytical Data
Shell Service Station
11989 Dublin Blvd.
Dublin, California

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)
Wells by Cambria										
MW-1	11/8/99	5	<0.40	<5	<0.002	<0.002	<0.002	<0.01	<0.002	NA
MW-1	11/8/99	10	<0.40	<5	<0.002	<0.002	<0.002	<0.01	<0.002	NA
MW-1	11/8/99	15	<0.40	<5	<0.002	<0.002	<0.002	<0.01	<0.002	NA
MW-1	11/8/99	20	<0.40	<5	<0.002	<0.002	<0.002	<0.01	<0.002	NA
MW-2	11/8/99	10.5	<0.80	<5	<0.004	<0.004	<0.004	<0.008	<0.002	NA
MW-2	11/8/99	15.5	<0.80	<5	<0.004	<0.004	<0.004	<0.008	<0.002	NA
MW-2	11/8/99	20.5	<0.80	<5	<0.004	<0.004	<0.004	<0.008	<0.002	NA
MW-2	11/8/99	25.5	<0.80	**103**	<0.004	<0.004	<0.004	<0.008	**1.28**	NA
MW-2	11/8/99	30.5	<0.80	<5	<0.004	<0.004	<0.004	<0.008	**1.76**	NA
MW-3	11/8/99	10.5	<0.80	<5	<0.004	<0.004	<0.004	<0.008	<0.002	NA
MW-3	11/8/99	15.5	<0.80	<5	<0.004	<0.004	<0.004	<0.008	<0.002	NA
MW-3	11/8/99	20.5	<0.80	<5	<0.004	<0.004	<0.004	<0.008	<0.002	NA
MW-3	11/8/99	25.5	**4.1**	**35.2**	<0.004	<0.004	<0.004	<0.008	**0.0597**	NA
MW-3	11/8/99	30.5	**1.39**	<5	<0.004	<0.004	<0.004	<0.008	**0.063**	NA
MW-4	7/26/01	25.5	<1.0	NA	<0.005	<0.005	<0.005	<0.005	<0.005	NA
Off-Site Soil Borings by Cambria										
SB-1	4/1/03	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-1	4/2/03	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-1	4/3/03	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-1	4/4/03	20	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-1	4/5/03	25	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-1	4/6/03	30	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-1	4/7/03	35	**7.0**	<1.0	<0.005	<0.005	<0.005	<0.005	**0.0099**	NA
SB-2	4/8/03	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-2	4/9/03	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-2	4/10/03	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-2	4/11/03	20	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-2	4/12/03	25	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-2	4/13/03	30	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-2	4/14/03	35	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	**0.250**	NA
SB-3	4/15/03	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-3	4/16/03	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA

Table 1
Summary of Soil Analytical Data
Shell Service Station
11989 Dublin Blvd.
Dublin, California

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)
SB-3	4/17/03	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-3	4/18/03	20	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-3	4/19/03	25	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-3	4/19/03	30	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
On-Site Borings by Delta - Pre UST Removal										
B-1@10'	7/11/05	10	<1.0	**1.5**	<0.0050	<0.0050	<0.0050	<0.0050	**0.011**	<0.010
B-2@20'	7/11/05	20	<1.0	NA	<0.0050	<0.0050	<0.0050	<0.0050	**0.017**	NA
B-4@5'	7/8/05	5	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
B-4@15'	7/11/05	15	<5.0	**2.3**	<0.025	<0.025	<0.025	<0.025	**0.29**	**0.55**
B-4@20'	7/11/05	20	<1.0	**15**	<0.0050	<0.0050	<0.0050	<0.0050	**0.0052**	**2.5**
B-5@15'	7/11/05	15	<4.8	NA	<0.024	<0.024	<0.024	<0.024	**0.47**	NA
B-5@20'	7/11/05	20	<1.0	NA	<0.0050	<0.0050	<0.0050	<0.0050	**0.017**	NA
Fuel UST Pit Samples										
T-1@15'	8/18/05	15	<5.0	<1.0	<0.025	<0.025	<0.025	<0.025	<0.025	**11**
T-2@15'	8/18/05	15	<5.0	<1.0	<0.025	<0.025	<0.025	<0.025	<0.025	**7.5**
T-3@15'	8/18/05	15	<50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	**3.1**
T-4@15'	8/18/05	15	<50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	**5.9**
T-5@15'	8/18/05	15	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	**0.013**	**1.4**
T-6@15'	8/18/05	15	<50	**7.2**	<0.50	<0.50	<0.50	<0.50	<0.50	**12**
T-7@15'	8/18/05	15	**2,400**	**48**	<2.5	<2.5	**9.3**	**11**	<2.5	**21**
T-8@15'	8/18/05	15	**4,600**	**700**	<2.5	<2.5	**8.8**	**45**	<2.5	**16**
T-2@19'	8/18/05	19	<50	**1.4**	<0.50	<0.50	<0.50	<0.50	<0.50	**3.8**
T-3@17'	8/18/05	17	<50	**21**	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
T-5@17'	8/18/05	17	<50	<1.0	<0.50	<0.50	<0.50	**0.68**	<0.50	<2.5
T-8@20'	8/18/05	20	<50	**5.3**	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
Dispenser Samples										
S-1@3'	8/18/05	3	<1.0	**17**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-2@3'	8/18/05	3	<1.0	**25**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-4@3.5'	8/18/05	3.5	<1.0	**46**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-6@4'	8/18/05	4	<1.0	**28**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010

Table 1
Summary of Soil Analytical Data
Shell Service Station
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Dublin, California

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)
Producting Piping Samples										
S-3@4'	8/18/05	4	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-5@4.5'	8/18/05	4.5	<1.0	**1.3**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-7@3'	8/18/05	3	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-8@4'	8/18/05	4	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-9@4'	9/26/05	4	<1.0	**4.4**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-10@42"	9/27/05	3.5	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-11@39"	9/27/05	3.25	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
Over Excavation Samples										
OX-1@22'	8/25/05	22	<4.7	**41**	<0.024	<0.024	<0.024	<0.024	<0.024	<0.047
OX-2@22'	8/25/05	22.5	**2.2**	**32**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.018**
OX-3@22'	8/25/05	22	**2.3**	**2.3**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.031**
OX-4@22'	8/25/05	22	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.081**
OX-5@20'	8/26/05	20	<6.0	<1.0	<0.023	<0.023	<0.023	<0.023	<0.023	**0.10**
OX-6@20'	8/26/05	20	<4.6	<1.0	<0.023	<0.023	<0.023	<0.023	<0.023	**0.38**
OX-7@20'	8/26/05	20	**420**	**6.9**	<0.50	<0.50	**1.4**	<0.50	**0.59**	**6**
OX-8@20'	8/26/05	20	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	**0.012**	**0.91**
OX-9@20'	8/30/05	20	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.17**
OX-10@20'	8/30/05	20	<50	**12**	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
OX-11@20'	8/30/05	20	<50	**600**	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
OX-11@22'	8/30/05	22	**190**	**100**	<0.50	<0.50	**1**	<0.50	<0.50	<2.5
OX-11@24.5'	8/30/05	24.5	**340**	**240**	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
OX-12@20'	8/30/05	20	<50	**79**	<0.50	<0.50	<0.50	<0.50	<0.50	**2.8**
OX-12@22'	8/30/05	22	<50	**51**	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
Direct Push Boring by Delta										
GP-3	11/4/05	9	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010
GP-3	11/4/05	14	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010
GP-3	11/4/05	19	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010
GP-3	11/4/05	24	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010

Table 1
Summary of Soil Analytical Data
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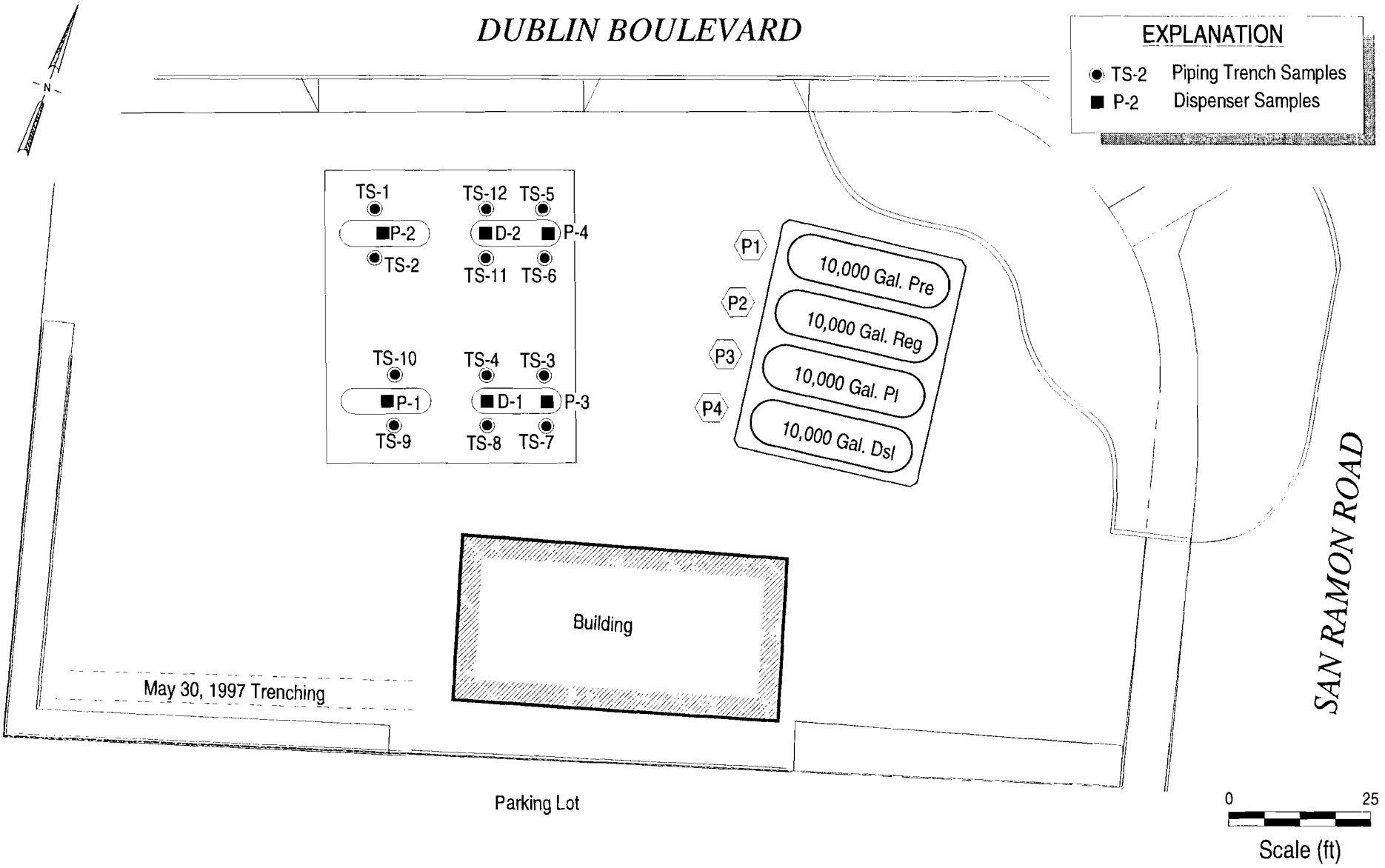
Sample Designation	Date Sampled	Depth (feet)	**TPH-G** (mg/kg)	**TPH-D** (mg/kg)	**Benzene** (mg/kg)	**Toluene** (mg/kg)	**Ethyl-benzene** (mg/kg)	**Xylene** (mg/kg)	**MTBE** (mg/kg)	**TBA** (mg/kg)

Notes:
mg/kg = milligrams per kilogram
TPH-G = Total petroleum hydrocarbons as gasolin
MTBE = Methyl tert-butyl ether
TBA = tert-Butyl alchohol
NA = not analyzed
NM = not measured



CAMBRIA
Environmental Technology, Inc.

Shell Service Station
11989 Dublin Boulevard
Dublin, California

F:\PROJECT\SHELL\DUB11989\FIGURES\DSP-SMPL.DWG

Dispenser and Trench (Piping) Samples

FIGURE
1

07/10/97

North

Petsmart

Chevron Service Station
7007 San Ramon Road

LEGEND

- MW-1 — **GROUNDWATER MONITORING WELL**
- MW-6 — **PROPOSED GROUNDWATER MONITORING WELL LOCATION**
- CPT-1 — **PROPOSED CPT SAMPLING LOCATION**
- GP-1 — **PROPOSED GEOPROBE SOIL BORING**
- SB-4 — **SOIL BORING LOCATION (11/16/97)**
- SB-2 — **SOIL BORING LOCATION (8/5/98)**
- SB-2 — **SOIL BORING LOCATION (APRIL 2003)**
- B-1 — **SOIL BORING LOCATION (07/11/05)**
- A A' — **GEOLOGIC CROSS SECTION**

Dublin Boulevard

MW-1 SB-1 B-3 B-2 B-1 SB-2 CPT-4 B-4 CPT-1 A SB-4 SB-3 B-5 SB-1 MW-2 Building SB-2 MW-3 Parking Lot GP-3

San Ramon Road

MW-4 CPT-5 A' SB-3 CPT-2 Hooters Restaurant SB-1 MW-5 MW-7 CPT-3 SB-2 CPT-6 Office Building Parking MW-6

Breuner's Furniture
(closed)

Parking

Groundwater
Flow Direction

0 60 FT

APPROX. SCALE

FIGURE 2

BORING AND WELL LOCATION MAP

SHELL-BRANDED SERVICE STATION
11989 Dublin Blvd.
Dublin, California

PROJECT NO. SJ11-989-1.2006	DRAWN BY JL 02/08/06
FILE NO. SJ11-989-1.2006	PREPARED BY JL
REVISION NO. 1	REVIEWED BY

Delta Environmental Consultants, Inc.

Submission#: 2005-07-0300

Delta Env. Consultants San Jose July 26, 2005

175 Bernal Road, Suite 200
San Jose, CA 95119

Attn.: Debbie Arnold

Project#: SJ11-989-T
Project: Shell SAP Number 135243
Site: 11989 Dublin Blvd., Dublin

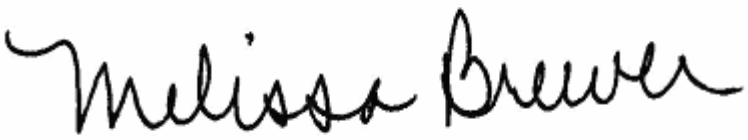
Dear Ms. Arnold:

Attached is our report for your samples received on 07/12/2005 16:20
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 08/26/2005 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions,

You can also contact me via email. My email address is: mbrewer@stl-inc.com

Sincerely,



Melissa Brewer
Project Manager

Total Lead

Delta Env. Consultants San Jose

Attn.: Debbie Arnold

175 Bernal Road, Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
COMPOSITE(B-1,2,3,4,@5`)	07/11/2005	Soil	15
COMPOSITE(B-5@5`,B-5@15`,B-5,2@20`)	07/11/2005	Soil	16

Total Lead

Delta Env. Consultants San Jose

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Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Prep(s):	3050B	Test(s):	6010B
Sample ID:	**COMPOSITE(B-1,2,3,4,@5`)**	Lab ID:	2005-07-0300 - 15
Sampled:	07/11/2005	Extracted:	7/21/2005 18:58
Matrix:	Soil	QC Batch#:	2005/07/21-07.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	7.3	1.0	mg/Kg	1.00	07/22/2005 20:07	

Total Lead

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Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Prep(s):	3050B	Test(s):	6010B
Sample ID:	**COMPOSITE(B-5@5`,B-5@15`,B-5,2@20`)**	Lab ID:	2005-07-0300 - 16
Sampled:	07/11/2005	Extracted:	7/21/2005 18:58
Matrix:	Soil	QC Batch#:	2005/07/21-07.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	7.1	1.0	mg/Kg	1.00	07/22/2005 20:11	

Total Lead

Delta Env. Consultants San Jose

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Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Batch QC Report

Prep(s): 3050B — Test(s): 6010B

Method Blank — **Soil** — **QC Batch # 2005/07/21-07.15**

MB: 2005/07/21-07.15-001 — Date Extracted: 07/21/2005 18:58

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	1.0	mg/Kg	07/22/2005 19:37	

Total Lead

Delta Env. Consultants San Jose

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Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Laboratory Control Spike **Soil** **QC Batch # 2005/07/21-07.15**

LCS 2005/07/21-07.15-002 Extracted: 07/21/2005 Analyzed: 07/22/2005 19:40

LCSD 2005/07/21-07.15-003 Extracted: 07/21/2005 Analyzed: 07/22/2005 19:44

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Lead	102	99.4	100.0	102.0	99.4	2.6	80-120	20		

Diesel (C9-C24)

Delta Env. Consultants San Jose

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Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
B-1 @ 5`	07/08/2005 08:17	Soil	1
B-4 @ 5`	07/08/2005 08:44	Soil	4
B-1 @ 10`	07/11/2005 09:16	Soil	6
B-4 @ 15`	07/11/2005 07:39	Soil	11
B-4 @ 20`	07/11/2005 07:44	Soil	12

Diesel (C9-C24)

Delta Env. Consultants San Jose

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Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**B-1 @ 5`**	Lab ID:	2005-07-0300 - 1
Sampled:	07/08/2005 08:17	Extracted:	7/21/2005 15:16
Matrix:	Soil	QC Batch#:	2005/07/21-07.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	07/22/2005 14:08	
Surrogate(s)						
o-Terphenyl	88.8	60-130	%	1.00	07/22/2005 14:08	

Diesel (C9-C24)

Delta Env. Consultants San Jose

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Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**B-4 @ 5`**	Lab ID:	2005-07-0300 - 4
Sampled:	07/08/2005 08:44	Extracted:	7/21/2005 15:16
Matrix:	Soil	QC Batch#:	2005/07/21-07.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	07/22/2005 13:41	
Surrogate(s)						
o-Terphenyl	86.1	60-130	%	1.00	07/22/2005 13:41	

Diesel (C9-C24)

Delta Env. Consultants San Jose

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San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**B-1 @ 10`**	Lab ID:	2005-07-0300 - 6
Sampled:	07/11/2005 09:16	Extracted:	7/23/2005 14:10
Matrix:	Soil	QC Batch#:	2005/07/23-08.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1.5	1.0	mg/Kg	1.00	07/25/2005 20:20	ndp
Surrogate(s)						
o-Terphenyl	73.2	60-130	%	1.00	07/25/2005 20:20	

Diesel (C9-C24)

Delta Env. Consultants San Jose

Attn.: Debbie Arnold

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San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**B-4 @ 15`**	Lab ID:	2005-07-0300 - 11
Sampled:	07/11/2005 07:39	Extracted:	7/23/2005 14:10
Matrix:	Soil	QC Batch#:	2005/07/23-08.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	2.3	1.0	mg/Kg	1.00	07/25/2005 20:48	ndp
Surrogate(s)						
o-Terphenyl	80.8	60-130	%	1.00	07/25/2005 20:48	

Diesel (C9-C24)

Delta Env. Consultants San Jose

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Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**B-4 @ 20`**	Lab ID:	2005-07-0300 - 12
Sampled:	07/11/2005 07:44	Extracted:	7/23/2005 14:10
Matrix:	Soil	QC Batch#:	2005/07/23-08.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	15	1.0	mg/Kg	1.00	07/25/2005 21:15	ndp
Surrogate(s)						
o-Terphenyl	77.5	60-130	%	1.00	07/25/2005 21:15	

Diesel (C9-C24)

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Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Batch QC Report

Prep(s): 3550/8015M — Test(s): 8015M

Method Blank DIESEL — **Soil** — **QC Batch # 2005/07/21-07.10**

MB: 2005/07/21-07.10-006 — Date Extracted: 07/21/2005 15:16

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	07/22/2005 14:02	
Surrogates(s)					
o-Terphenyl	90.3	60-130	%	07/22/2005 14:02	

Diesel (C9-C24)

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Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Batch QC Report

Prep(s): 3550/8015M
Test(s): 8015M

Method Blank DIESEL
Soil
QC Batch # 2005/07/23-08.10

MB: 2005/07/23-08.10-001
Date Extracted: 07/23/2005 14:10

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	07/25/2005 13:36	
Surrogates(s)					
o-Terphenyl	77.5	60-130	%	07/25/2005 13:36	

Diesel (C9-C24)

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Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike DIESEL **Soil** **QC Batch # 2005/07/21-07.10**

LCS 2005/07/21-07.10-007 Extracted: 07/21/2005 Analyzed: 07/22/2005 12:20

LCSD 2005/07/21-07.10-008 Extracted: 07/21/2005 Analyzed: 07/22/2005 12:47

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	34.3	37.7	41.4	82.9	91.1	9.4	60-130	25		
Surrogates(s)										
o-Terphenyl	18.0	19.6	20.0	90.2	98.0		60-130	0		

Diesel (C9-C24)

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Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike DIESEL **Soil** **QC Batch # 2005/07/23-08.10**

LCS 2005/07/23-08.10-002 Extracted: 07/23/2005 Analyzed: 07/25/2005 15:26

LCSD 2005/07/23-08.10-003 Extracted: 07/23/2005 Analyzed: 07/25/2005 15:53

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	33.5	34.2	41.6	80.5	82.4	2.3	60-130	25		
Surrogates(s)										
o-Terphenyl	18.0	17.7	20.0	89.8	88.6		60-130	0		

Diesel (C9-C24)

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Shell SAP Number 135243

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Site: 11989 Dublin Blvd., Dublin

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Matrix Spike (MS / MSD) **Soil** **QC Batch # 2005/07/23-08.10**

B-1 @ 10` >> MS

Lab ID: 2005-07-0300 - 006

MS: 2005/07/23-08.10-004 Extracted: 07/23/2005 Analyzed: 07/26/2005 01:45

Dilution: 1.00

MSD: 2005/07/23-08.10-005 Extracted: 07/23/2005 Analyzed: 07/26/2005 02:12

Dilution: 1.00

Compound	Conc. mg/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	mg/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Diesel	39.2	34.6	1.54	41.5	90.7	79.7	12.9	60-130	25		
Surrogate(s)											
o-Terphenyl	19.1	19.0		20.0	95.4	95.0		60-130	0		

Diesel (C9-C24)

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Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Legend and Notes

Result Flag

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

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Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
B-1 @ 5`	07/08/2005 08:17	Soil	1
B-4 @ 5`	07/08/2005 08:44	Soil	4
B-1 @ 10`	07/11/2005 09:16	Soil	6
B-2 @ 20`	07/11/2005 08:18	Soil	8
B-4 @ 15`	07/11/2005 07:39	Soil	11
B-4 @ 20`	07/11/2005 07:44	Soil	12
B-5 @ 15`	07/11/2005 08:50	Soil	13
B-5 @ 20`	07/11/2005 08:55	Soil	14
COMPOSITE(B-1,2,3,4,@5`)	07/11/2005	Soil	15
COMPOSITE(B-5@5`,B-5@15`,B-5,2@20`)	07/11/2005	Soil	16

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

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Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**B-1 @ 5`**	Lab ID:	2005-07-0300 - 1
Sampled:	07/08/2005 08:17	Extracted:	7/22/2005 00:57
Matrix:	Soil	QC Batch#:	2005/07/21-3A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	07/22/2005 00:57	
Benzene	ND	0.0050	mg/Kg	1.00	07/22/2005 00:57	
Toluene	ND	0.0050	mg/Kg	1.00	07/22/2005 00:57	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	07/22/2005 00:57	
Total xylenes	ND	0.0050	mg/Kg	1.00	07/22/2005 00:57	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	07/22/2005 00:57	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	07/22/2005 00:57	
Surrogate(s)						
1,2-Dichloroethane-d4	139.5	76-124	%	1.00	07/22/2005 00:57	S7
Toluene-d8	101.1	75-116	%	1.00	07/22/2005 00:57	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

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Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**B-4 @ 5`**	Lab ID:	2005-07-0300 - 4
Sampled:	07/08/2005 08:44	Extracted:	7/22/2005 01:15
Matrix:	Soil	QC Batch#:	2005/07/21-3A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	07/22/2005 01:15	
Benzene	ND	0.0050	mg/Kg	1.00	07/22/2005 01:15	
Toluene	ND	0.0050	mg/Kg	1.00	07/22/2005 01:15	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	07/22/2005 01:15	
Total xylenes	ND	0.0050	mg/Kg	1.00	07/22/2005 01:15	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	07/22/2005 01:15	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	07/22/2005 01:15	
Surrogate(s)						
1,2-Dichloroethane-d4	118.8	76-124	%	1.00	07/22/2005 01:15	
Toluene-d8	79.0	75-116	%	1.00	07/22/2005 01:15	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

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Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**B-1 @ 10`**	Lab ID:	2005-07-0300 - 6
Sampled:	07/11/2005 09:16	Extracted:	7/23/2005 19:17
Matrix:	Soil	QC Batch#:	2005/07/23-2A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	07/23/2005 19:17	
Benzene	ND	0.0050	mg/Kg	1.00	07/23/2005 19:17	
Toluene	ND	0.0050	mg/Kg	1.00	07/23/2005 19:17	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	07/23/2005 19:17	
Total xylenes	ND	0.0050	mg/Kg	1.00	07/23/2005 19:17	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	07/23/2005 19:17	
Methyl tert-butyl ether (MTBE)	0.011	0.0050	mg/Kg	1.00	07/23/2005 19:17	
Surrogate(s)						
1,2-Dichloroethane-d4	114.4	76-124	%	1.00	07/23/2005 19:17	
Toluene-d8	96.5	75-116	%	1.00	07/23/2005 19:17	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

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Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**B-2 @ 20`**	Lab ID:	2005-07-0300 - 8
Sampled:	07/11/2005 08:18	Extracted:	7/23/2005 19:36
Matrix:	Soil	QC Batch#:	2005/07/23-2A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	07/23/2005 19:36	
Benzene	ND	0.0050	mg/Kg	1.00	07/23/2005 19:36	
Toluene	ND	0.0050	mg/Kg	1.00	07/23/2005 19:36	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	07/23/2005 19:36	
Total xylenes	ND	0.0050	mg/Kg	1.00	07/23/2005 19:36	
Methyl tert-butyl ether (MTBE)	0.017	0.0050	mg/Kg	1.00	07/23/2005 19:36	
Surrogate(s)						
1,2-Dichloroethane-d4	100.4	76-124	%	1.00	07/23/2005 19:36	
Toluene-d8	94.1	75-116	%	1.00	07/23/2005 19:36	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

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Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**B-4 @ 15`**	Lab ID:	2005-07-0300 - 11
Sampled:	07/11/2005 07:39	Extracted:	7/25/2005 11:04
Matrix:	Soil	QC Batch#:	2005/07/25-1A.69

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	5.0	mg/Kg	5.00	07/25/2005 11:04	
Benzene	ND	0.025	mg/Kg	5.00	07/25/2005 11:04	
Toluene	ND	0.025	mg/Kg	5.00	07/25/2005 11:04	
Ethyl benzene	ND	0.025	mg/Kg	5.00	07/25/2005 11:04	
Total xylenes	ND	0.025	mg/Kg	5.00	07/25/2005 11:04	
tert-Butyl alcohol (TBA)	0.55	0.050	mg/Kg	5.00	07/25/2005 11:04	
Methyl tert-butyl ether (MTBE)	0.29	0.025	mg/Kg	5.00	07/25/2005 11:04	
Surrogate(s)						
1,2-Dichloroethane-d4	112.8	76-124	%	5.00	07/25/2005 11:04	
Toluene-d8	95.2	75-116	%	5.00	07/25/2005 11:04	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

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Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**B-4 @ 20`**	Lab ID:	2005-07-0300 - 12
Sampled:	07/11/2005 07:44	Extracted:	7/23/2005 20:13
Matrix:	Soil	QC Batch#:	2005/07/23-2A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	07/23/2005 20:13	
Benzene	ND	0.0050	mg/Kg	1.00	07/23/2005 20:13	
Toluene	ND	0.0050	mg/Kg	1.00	07/23/2005 20:13	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	07/23/2005 20:13	
Total xylenes	ND	0.0050	mg/Kg	1.00	07/23/2005 20:13	
tert-Butyl alcohol (TBA)	2.5	0.010	mg/Kg	1.00	07/23/2005 20:13	J3
Methyl tert-butyl ether (MTBE)	0.0052	0.0050	mg/Kg	1.00	07/23/2005 20:13	
Surrogate(s)						
1,2-Dichloroethane-d4	111.5	76-124	%	1.00	07/23/2005 20:13	
Toluene-d8	100.9	75-116	%	1.00	07/23/2005 20:13	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

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Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**B-5 @ 15`**	Lab ID:	2005-07-0300 - 13
Sampled:	07/11/2005 08:50	Extracted:	7/25/2005 14:44
Matrix:	Soil	QC Batch#:	2005/07/25-1A.69

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	4.8	mg/Kg	4.81	07/25/2005 14:44	
Benzene	ND	0.024	mg/Kg	4.81	07/25/2005 14:44	
Toluene	ND	0.024	mg/Kg	4.81	07/25/2005 14:44	
Ethyl benzene	ND	0.024	mg/Kg	4.81	07/25/2005 14:44	
Total xylenes	ND	0.024	mg/Kg	4.81	07/25/2005 14:44	
Methyl tert-butyl ether (MTBE)	0.47	0.024	mg/Kg	4.81	07/25/2005 14:44	
Surrogate(s)						
1,2-Dichloroethane-d4	111.9	76-124	%	4.81	07/25/2005 14:44	
Toluene-d8	93.6	75-116	%	4.81	07/25/2005 14:44	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

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Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**B-5 @ 20`**	Lab ID:	2005-07-0300 - 14
Sampled:	07/11/2005 08:55	Extracted:	7/25/2005 14:26
Matrix:	Soil	QC Batch#:	2005/07/25-1A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	07/25/2005 14:26	
Benzene	ND	0.0050	mg/Kg	1.00	07/25/2005 14:26	
Toluene	ND	0.0050	mg/Kg	1.00	07/25/2005 14:26	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	07/25/2005 14:26	
Total xylenes	ND	0.0050	mg/Kg	1.00	07/25/2005 14:26	
Methyl tert-butyl ether (MTBE)	0.017	0.0050	mg/Kg	1.00	07/25/2005 14:26	
Surrogate(s)						
1,2-Dichloroethane-d4	100.0	76-124	%	1.00	07/25/2005 14:26	
Toluene-d8	91.5	75-116	%	1.00	07/25/2005 14:26	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

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Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**COMPOSITE(B-1,2,3,4,@5`)**	Lab ID:	2005-07-0300 - 15
Sampled:	07/11/2005	Extracted:	7/23/2005 20:31
Matrix:	Soil	QC Batch#:	2005/07/23-2A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	07/23/2005 20:31	
Benzene	ND	0.0050	mg/Kg	1.00	07/23/2005 20:31	
Toluene	ND	0.0050	mg/Kg	1.00	07/23/2005 20:31	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	07/23/2005 20:31	
Total xylenes	ND	0.0050	mg/Kg	1.00	07/23/2005 20:31	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	07/23/2005 20:31	
Surrogate(s)						
1,2-Dichloroethane-d4	105.5	76-124	%	1.00	07/23/2005 20:31	
Toluene-d8	87.7	75-116	%	1.00	07/23/2005 20:31	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

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Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**COMPOSITE(B-5@5`,B-5@15`,B-5,2@20`)**	Lab ID:	2005-07-0300 - 16
Sampled:	07/11/2005	Extracted:	7/25/2005 09:30
Matrix:	Soil	QC Batch#:	2005/07/25-1A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	07/25/2005 09:30	
Benzene	ND	0.0050	mg/Kg	1.00	07/25/2005 09:30	
Toluene	ND	0.0050	mg/Kg	1.00	07/25/2005 09:30	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	07/25/2005 09:30	
Total xylenes	ND	0.0050	mg/Kg	1.00	07/25/2005 09:30	
Methyl tert-butyl ether (MTBE)	0.12	0.0050	mg/Kg	1.00	07/25/2005 09:30	
Surrogate(s)						
1,2-Dichloroethane-d4	105.0	76-124	%	1.00	07/25/2005 09:30	
Toluene-d8	96.6	75-116	%	1.00	07/25/2005 09:30	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

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Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Soil** — **QC Batch # 2005/07/21-3A.69**

MB: 2005/07/21-3A.69-017 — Date Extracted: 07/21/2005 18:17

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	07/21/2005 18:17	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	07/21/2005 18:17	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	07/21/2005 18:17	
Benzene	ND	0.0050	mg/Kg	07/21/2005 18:17	
Toluene	ND	0.0050	mg/Kg	07/21/2005 18:17	
Ethyl benzene	ND	0.0050	mg/Kg	07/21/2005 18:17	
Total xylenes	ND	0.0050	mg/Kg	07/21/2005 18:17	
Surrogates(s)					
1,2-Dichloroethane-d4	111.6	76-124	%	07/21/2005 18:17	
Toluene-d8	102.6	75-116	%	07/21/2005 18:17	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Debbie Arnold

175 Bernal Road, Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Soil** — **QC Batch # 2005/07/23-2A.69**

MB: 2005/07/23-2A.69-035 — Date Extracted: 07/23/2005 17:35

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	07/23/2005 17:35	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	07/23/2005 17:35	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	07/23/2005 17:35	
Benzene	ND	0.0050	mg/Kg	07/23/2005 17:35	
Toluene	ND	0.0050	mg/Kg	07/23/2005 17:35	
Ethyl benzene	ND	0.0050	mg/Kg	07/23/2005 17:35	
Total xylenes	ND	0.0050	mg/Kg	07/23/2005 17:35	
Surrogates(s)					
1,2-Dichloroethane-d4	97.2	76-124	%	07/23/2005 17:35	
Toluene-d8	91.0	75-116	%	07/23/2005 17:35	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Debbie Arnold

175 Bernal Road, Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Soil** — **QC Batch # 2005/07/25-1A.69**

MB: 2005/07/25-1A.69-013 — Date Extracted: 07/25/2005 07:13

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	07/25/2005 07:13	
Benzene	ND	0.0050	mg/Kg	07/25/2005 07:13	
Toluene	ND	0.0050	mg/Kg	07/25/2005 07:13	
Ethyl benzene	ND	0.0050	mg/Kg	07/25/2005 07:13	
Total xylenes	ND	0.0050	mg/Kg	07/25/2005 07:13	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	07/25/2005 07:13	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	07/25/2005 07:13	
Surrogates(s)					
1,2-Dichloroethane-d4	106.4	76-124	%	07/25/2005 07:13	
Toluene-d8	96.0	75-116	%	07/25/2005 07:13	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Debbie Arnold

175 Bernal Road, Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Soil** **QC Batch # 2005/07/21-3A.69**

LCS 2005/07/21-3A.69-059 Extracted: 07/21/2005 Analyzed: 07/21/2005 17:59
LCSD

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	0.0492		0.05	98.4			65-165	20		
Benzene	0.0570		0.05	114.0			69-129	20		
Toluene	0.0539		0.05	107.8			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	518		500	103.6			76-124			
Toluene-d8	510		500	102.0			75-116			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Debbie Arnold

175 Bernal Road, Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Soil** **QC Batch # 2005/07/23-2A.69**

LCS 2005/07/23-2A.69-017 Extracted: 07/23/2005 Analyzed: 07/23/2005 17:17
LCSD

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	0.0609		0.05	121.8			65-165	20		
Benzene	0.0494		0.05	98.8			69-129	20		
Toluene	0.0537		0.05	107.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	468		500	93.6			76-124			
Toluene-d8	471		500	94.2			75-116			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

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San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Soil** **QC Batch # 2005/07/25-1A.69**

LCS 2005/07/25-1A.69-055 Extracted: 07/25/2005 Analyzed: 07/25/2005 06:55

LCSD

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	0.0543		0.05	108.6			65-165	20		
Benzene	0.0522		0.05	104.4			69-129	20		
Toluene	0.0542		0.05	108.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	507		500	101.4			76-124			
Toluene-d8	484		500	96.8			75-116			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose
Attn.: Debbie Arnold

175 Bernal Road, Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Soil** **QC Batch # 2005/07/21-3A.69**

MS/MSD

Lab ID: 2005-07-0186 - 030

MS: 2005/07/21-3A.69-001 Extracted: 07/21/2005 Analyzed: 07/21/2005 21:01

Dilution: 1.00

MSD: 2005/07/21-3A.69-019 Extracted: 07/21/2005 Analyzed: 07/21/2005 21:19

Dilution: 1.00

Compound	Conc. mg/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	mg/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	0.0532	0.0586	0.0104	0.048923	87.5	118.1	29.8	65-165	20		R1
Benzene	0.0530	0.0534	ND	0.048923	108.3	107.7	0.6	69-129	20		
Toluene	0.0521	0.0527	ND	0.048923	106.5	106.2	0.3	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	543	565		500	108.6	113.0		76-124			
Toluene-d8	507	505		500	101.4	101.0		75-116			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Debbie Arnold

175 Bernal Road, Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Soil** **QC Batch # 2005/07/23-2A.69**

MS/MSD

Lab ID: 2005-07-0466 - 011

MS: 2005/07/23-2A.69-040 Extracted: 07/23/2005 Analyzed: 07/23/2005 18:40

Dilution: 1.00

MSD: 2005/07/23-2A.69-059 Extracted: 07/23/2005 Analyzed: 07/23/2005 18:59

Dilution: 1.00

Compound	Conc. mg/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	mg/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	0.0731	0.0775	ND	0.049019	149.2	157.8	5.6	65-165	20		
Benzene	0.0525	0.0492	ND	0.049019	107.1	100.2	6.7	69-129	20		
Toluene	0.0498	0.0448	ND	0.049019	101.6	91.2	10.8	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	583	594		500	116.6	118.8		76-124			
Toluene-d8	466	430		500	93.2	86.0		75-116			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Debbie Arnold

175 Bernal Road, Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Soil** **QC Batch # 2005/07/25-1A.69**

MS/MSD

Lab ID: 2005-07-0315 - 005

MS: 2005/07/25-1A.69-007 Extracted: 07/25/2005 Analyzed: 07/25/2005 10:07
Dilution: 1.00

MSD: 2005/07/25-1A.69-025 Extracted: 07/25/2005 Analyzed: 07/25/2005 10:25
Dilution: 1.00

Compound	Conc. mg/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	mg/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	0.0412	0.0496	ND	0.048355	85.2	101.2	17.2	65-165	20		
Benzene	0.0416	0.0471	ND	0.048355	86.0	96.1	11.1	69-129	20		
Toluene	0.0437	0.0489	ND	0.048355	90.4	99.8	9.9	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	491	520		500	98.2	104.0		76-124			
Toluene-d8	487	498		500	97.4	99.6		75-116			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Debbie Arnold

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San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ11-989-T
Shell SAP Number 135243

Received: 07/12/2005 16:20

Site: 11989 Dublin Blvd., Dublin

Legend and Notes

Report Comment

The reported value for TBA for sample B-4 @ 20` was estimated because it falls above the upper calibration range (2.0 mg/L). It was re-analyzed on 7/25/05 with a resultingTBA value of 4.0 mg/L. There is no client specific Matrix Spike for this batch, therefore there is no quantifiable measure of precision for this batch.

Analysis Flag

L2

Reporting limits were raised due to high level of analyte present in the sample.

Result Flag

J3

Estimated value. The concentration exceeded the calibration of analysis.

R1

Analyte RPD was out of QC limits.

S7

Surrogate recoveries higher than acceptance limits.

STL-San Francisco 2005-07-0300

EQUIVA Services LLC Chain Of Custody Record

115907

1220 Quarry Lane
Pleasanton, CA
(925)484-1919 (925)484-1096 fax

Equiva Project Manager to be invoiced:
☐ SCIENCE & ENGINEERING
☑ TECHNICAL SERVICES
☐ CRMT HOUSTON
~~Carol Campagna~~ Jeff Miller
request PO #

INCIDENT NUMBER (S&E ONLY)

SAP or CRMT NUMBER (TS/CRMT): 135243

DATE: 7/12/05
PAGE: 1 of 2

SAMPLING COMPANY: Delta Environmental Consultants
LOG CODE:
SITE ADDRESS (Street and City): 11989 Dublin Blvd., Dublin
GLOBAL ID NO.:
ADDRESS: 175 Bernal Rd #200, San Jose, CA 95119
EDF DELIVERABLE TO (Responsible Party or Designee): Heather Buckingham
PHONE NO.: 408-224-4724
E-MAIL: hbuckingham@deltaenv.c
CONSULTANT PROJECT NO.: SJ11-989-T
PROJECT CONTACT (Hardcopy or PDF Report to): Debbie Arnold
TELEPHONE: (408) 224-4724
FAX: (408) 225-8506
E-MAIL: darnold@deltaenv.com
SAMPLER NAME(S) (Print): Heather Buckingham
LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS):
☑ 10 DAYS ☐ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

GC/MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES:
Please run discrete analysis, as well as Composite samples (4:1)

CHECK BOX IF EDD IS NEEDED ☑

REQUESTED ANALYSIS

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

4
TEMPERATURE ON RECEIPT C°

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	Ethanol (8260B)	TBA	EDB & 1,2-DCA (8260B)	EPA 5035 Extraction for Volatiles	VOCs Halogenated/Aromatic (8021B)	TRPH (418.1)	Vapor VOCs BTEX / MTBE (TO-15)	Vapor VOCs Full List (TO-15)	Vapor TPH (ASTM 3416m)	Vapor Fixed Gases (ASTM D1946)	Test for Disposal (4B-____)	Total Lead 6010B per Shell's Disp. test	TPH - Diesel, Extractable (8015m)		MTBE (8260B) Confirmation, See Note	
	B-1@5'	7/8/2005	8:17	soil	1	x	x		x																	
	B-2@5'	7/8/2005	7:36	soil	1	x	x		x																	
	B-3@5'	7/8/2005	6:50	soil	1	x	x		x																	
	B-4@5'	7/8/2005	8:44	soil	1	x	x		x																	
	B-5@5'	7/8/2005	9:06	soil	1	x	x		x																	
	B-1@10'	7/11/2005	9:16	soil	1																					HOLD
	B-2@15'	7/11/2005	8:14	soil	1																					HOLD
	B-2@20'	7/11/2005	8:18	soil	1	x	x		x																	
	B-3@15'	7/11/2005	6:58	soil	1																					HOLD
	B-3@20'	7/11/2005	7:05	soil	1																					HOLD
	B-4@15'	7/11/2005	7:39	soil	1																					HOLD

Relinquished by: (Signature) Heather Buckingham	Received by: (Signature)	Date: 7/12/05	Time: 1620
Relinquished by: (Signature)	Received by: (Signature)	Date: 7/12/05	Time: 1840
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

DISTRIBUTION: White with final report, Green to File, Yellow and Pink to Client.

10/15/00 Revision

Q&Q Graphic (714) 898-8702

STL-San Francisco 2005-07-0300

EQUIVA Services LLC Chain Of Custody Record

119907

1220 Quarry Lane
Pleasanton, CA
(925)484-1919 (925)484-1096 fax

Equiva Project Manager to be invoiced:
☐ SCIENCE & ENGINEERING
☑ TECHNICAL SERVICES
☐ CRMT HOUSTON
~~Carol Campagna~~
request PO #

INCIDENT NUMBER (S&E ONLY):

SAP or CRMT NUMBER (TS/CRMT): 1 3 5 2 4 3

DATE: 7/12/05
PAGE: 2 of 2

SAMPLING COMPANY:	LOG CODE:	SITE ADDRESS (Street and City):	GLOBAL ID NO.:
Delta Environmental Consultants		11989 Dublin Blvd., Dublin	

ADDRESS:	EDF DELIVERABLE TO (Responsible Party or Designee):	PHONE NO.:	E-MAIL:	CONSULTANT PROJECT NO.:
175 Bernal Rd #200, San Jose, CA 95119	Heather Buckingham	408-224-4724	hbuckingham@deltaenv.c	SJ11-989-T

PROJECT CONTACT (Hardcopy or PDF Report to):	TELEPHONE:	FAX:	E-MAIL:	SAMPLER NAME(S) (Print):	LAB USE ONLY
Debbie Arnold	(408) 224-4724	(408) 225-8506	darnold@deltaenv.com	Heather Buckingham	

TURNAROUND TIME (BUSINESS DAYS):
☑ 10 DAYS ☐ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

GC/MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES:

CHECK BOX IF EDD IS NEEDED ☑

REQUESTED ANALYSIS

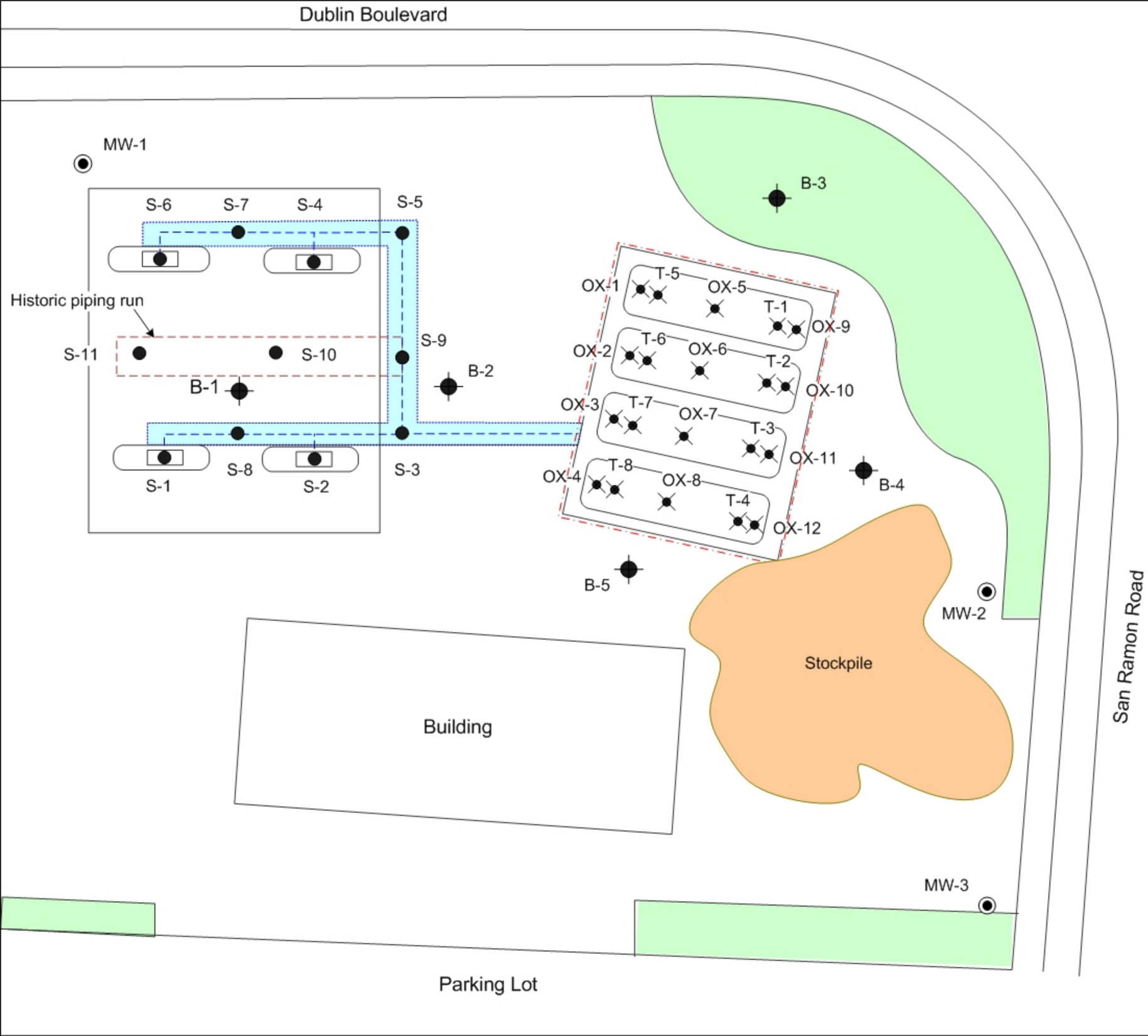
LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	Ethanol (8260B)	TBA	EDB & 1,2-DCA (8260B)	EPA 5035 Extraction for Volatiles	VOCs Halogenated/Aromatic (8021B)	TRPH (418.1)	Vapor VOCs BTEX / MTBE (TO-15)	Vapor VOCs Full List (TO-15)	Vapor TPH (ASTM 3416m)	Vapor Fixed Gases (ASTM D1946)	Test for Disposal (48-___)	Total Lead 6010B per Shell's Disp. tes	TPH - Diesel, Extractable (8015m)		MTBE (8260B) Confirmation, See Note
	B-4@20'	7/11/2005	7:44	soil	1																				
	B-5@15'	7/11/2005	8:50	Soil	1	x	x		x																
	B-5@20'	7/11/2005	8:55	soil	1	x	x		x																
	Composite (B-1@5',B-2@5',B-3@5',B-4@5')			soil	4	x	x																x		
	Composite (B-5@5',B-5@15',B-5@20',B-2@20')			soil	4	x	x																x		

FIELD NOTES:
Container/Preservative or PID Readings or Laboratory Notes
4

TEMPERATURE ON RECEIPT C°: HOLD

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Heather Buckingham		7/12/05	1620
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
7/12/05 1840		7/12/05	1840
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

O&G Graphic (714) 898-9702



LEGEND

- MW-2 — GROUNDWATER MONITORING WELL
- B-3 — SOIL BORING LOCATION
- S-5 — DISPENSER PIPING SOIL SAMPLE LOCATION
- OX-9 — OVER-EXCAVATION SOIL SAMPLE LOCATION
- SHORING
- DISPENSER PIPING AND TRENCHES

SAMPLE ID	PID (ppmv)
OX-2	6.4
OX-3	8.2
OX-4	29.3
OX-5	7.3
OX-6	14.6
OX-7	218
OX-8	6.9
OX-9	3.8
OX-10	60.2
OX-11@20'	539
OX-11@22'	568
OX-11@24.5'	810
OX-12@20'	164
OX-12@22'	155

North

0 — 60 FT

APPROX. SCALE

FIGURE 2

SOIL SAMPLING LOCATION MAP

SHELL-BRANDED SERVICE STATION
11989 Dublin Blvd.
Dublin, California

PROJECT NO. SJ11-989-1.2005	DRAWN BY JL 10/07/05
FILE NO. SJ11-989-1.2005	PREPARED BY JL
REVISION NO. 5	REVIEWED BY

Delta Environmental Consultants, Inc.

MTBE and TBA Concentrations

Shell-branded Service Station
11989 Dublin Road
Dublin, California

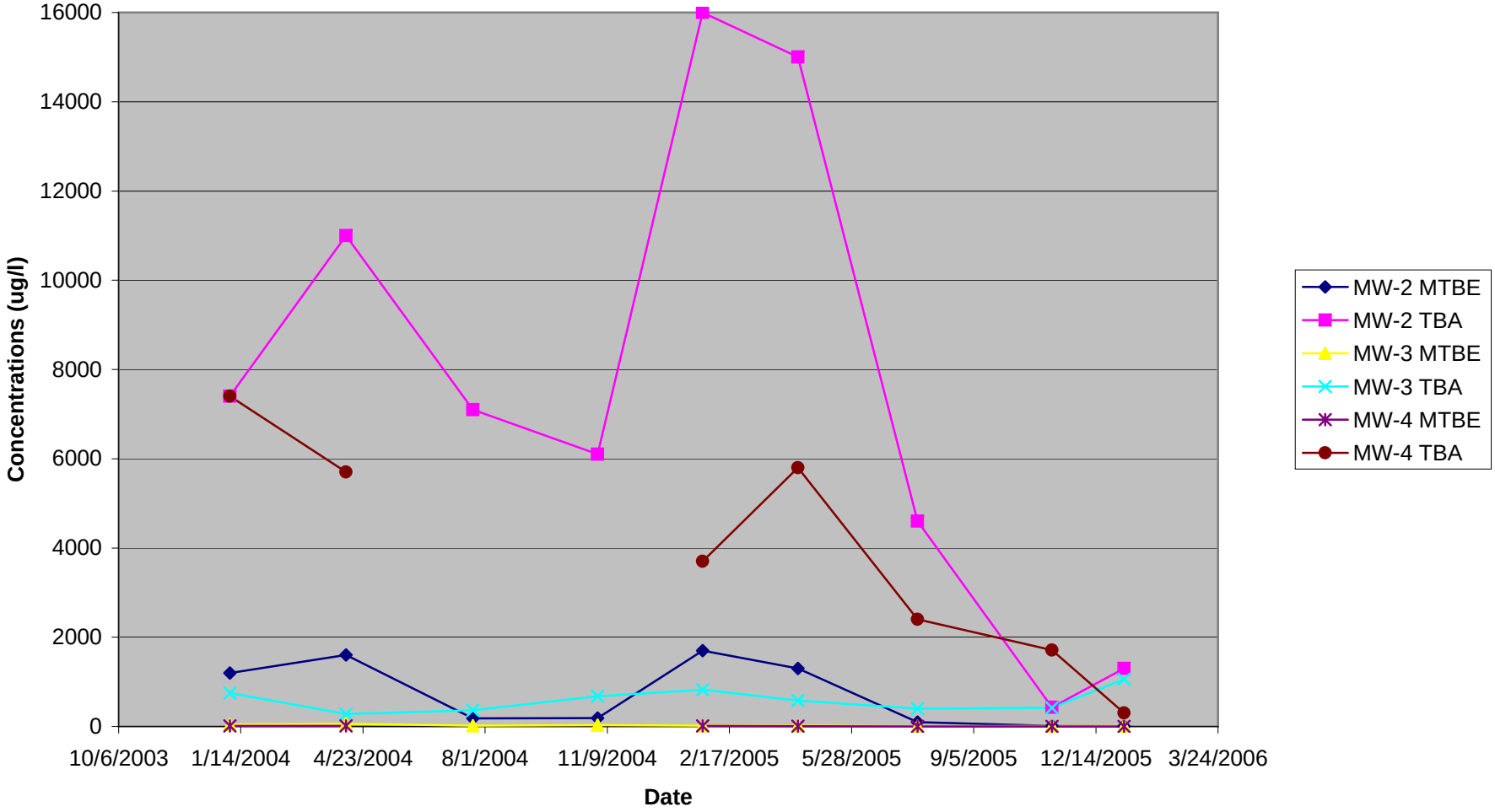


Table 1
Summary of Soil Analytical Data
Shell Service Station
11989 Dublin Blvd.
Dublin, California

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)
Dispenser and Product Line Soil Samples 1997										
P-1	6/17/97	4 to 5	**24**	**97.0**	<0.025	**0.27**	**0.098**	2.5	6.3	NA
P-2	6/17/97	4 to 5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
P-3	6/17/97	4 to 5	<1.0	**1.4**	<0.005	<0.005	<0.005	<0.005	<0.025	NA
P-4	6/17/97	4 to 5	**2**	**160.0**	<0.005	<0.005	<0.005	**0.015**	**0.027**	NA
D-1	6/17/97	4 to 5	<1.0	**9.9**	<0.005	**0.014**	**0.0062**	**0.068**	**0.060**	NA
D-2	6/17/97	4 to 5	**86**	**20.0**	**0.55**	**3.3**	**0.99**	**7.8**	**8.9**	NA
TS-1	6/20/97	4 to 5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-2	6/20/97	4 to 5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-3	6/20/97	4 to 5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-4	6/20/97	4 to 5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-5	6/20/97	4 to 5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-6	6/20/97	4 to 5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-7	6/20/97	4 to 5	**690**	**12,000**	<0.25	<0.25	<0.25	<0.25	<1.2	NA
TS-8	6/20/97	4 to 5	<1.0	**1.3**	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-9	6/20/97	4 to 5	<1.0	**2.2**	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-10	6/20/97	4 to 5	<1.0	**2.6**	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-11	6/20/97	4 to 5	<1.0	**11.0**	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-12	6/20/97	4 to 5	<1.0	**3.7**	<0.005	<0.005	<0.005	<0.005	<0.025	NA
Borings by Cambria										
SB-1	11/19/97	10	<1.0	**1.3**	<0.005	<0.005	<0.005	<0.005	<0.025	NA
SB-1	11/19/97	20	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
SB-1	11/19/97	35	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
SB-2	11/19/97	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
SB-2	11/19/97	20	**1.8**	**19**	<0.005	<0.005	<0.005	<0.005	**0.11**	NA
SB-3	11/19/97	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
SB-3	11/19/97	25	**11**	**300**	**0.0051**	**0.18**	<0.005	**0.013**	**0.069**	NA
SB-3	11/19/97	35	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
SB-4	11/19/97	10	<1.0	**1.8**	<0.005	<0.005	<0.005	<0.005	**0.031**	NA
SB-4	11/19/97	25	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA

Table 1
Summary of Soil Analytical Data
Shell Service Station
11989 Dublin Blvd.
Dublin, California

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)
Wells by Cambria										
MW-1	11/8/99	5	<0.40	<5	<0.002	<0.002	<0.002	<0.01	<0.002	NA
MW-1	11/8/99	10	<0.40	<5	<0.002	<0.002	<0.002	<0.01	<0.002	NA
MW-1	11/8/99	15	<0.40	<5	<0.002	<0.002	<0.002	<0.01	<0.002	NA
MW-1	11/8/99	20	<0.40	<5	<0.002	<0.002	<0.002	<0.01	<0.002	NA
MW-2	11/8/99	10.5	<0.80	<5	<0.004	<0.004	<0.004	<0.008	<0.002	NA
MW-2	11/8/99	15.5	<0.80	<5	<0.004	<0.004	<0.004	<0.008	<0.002	NA
MW-2	11/8/99	20.5	<0.80	<5	<0.004	<0.004	<0.004	<0.008	<0.002	NA
MW-2	11/8/99	25.5	<0.80	**103**	<0.004	<0.004	<0.004	<0.008	**1.28**	NA
MW-2	11/8/99	30.5	<0.80	<5	<0.004	<0.004	<0.004	<0.008	**1.76**	NA
MW-3	11/8/99	10.5	<0.80	<5	<0.004	<0.004	<0.004	<0.008	<0.002	NA
MW-3	11/8/99	15.5	<0.80	<5	<0.004	<0.004	<0.004	<0.008	<0.002	NA
MW-3	11/8/99	20.5	<0.80	<5	<0.004	<0.004	<0.004	<0.008	<0.002	NA
MW-3	11/8/99	25.5	**4.1**	**35.2**	<0.004	<0.004	<0.004	<0.008	**0.0597**	NA
MW-3	11/8/99	30.5	**1.39**	<5	<0.004	<0.004	<0.004	<0.008	**0.063**	NA
MW-4	7/26/01	25.5	<1.0	NA	<0.005	<0.005	<0.005	<0.005	<0.005	NA
Off-Site Soil Borings by Cambria										
SB-1	4/1/03	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-1	4/2/03	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-1	4/3/03	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-1	4/4/03	20	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-1	4/5/03	25	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-1	4/6/03	30	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-1	4/7/03	35	**7.0**	<1.0	<0.005	<0.005	<0.005	<0.005	**0.0099**	NA
SB-2	4/8/03	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-2	4/9/03	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-2	4/10/03	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-2	4/11/03	20	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-2	4/12/03	25	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-2	4/13/03	30	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-2	4/14/03	35	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	**0.250**	NA
SB-3	4/15/03	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-3	4/16/03	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA

Table 1
Summary of Soil Analytical Data
Shell Service Station
11989 Dublin Blvd.
Dublin, California

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)
SB-3	4/17/03	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-3	4/18/03	20	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-3	4/19/03	25	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-3	4/19/03	30	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
On-Site Borings by Delta - Pre UST Removal										
B-1@10'	7/11/05	10	<1.0	**1.5**	<0.0050	<0.0050	<0.0050	<0.0050	**0.011**	<0.010
B-2@20'	7/11/05	20	<1.0	NA	<0.0050	<0.0050	<0.0050	<0.0050	**0.017**	NA
B-4@5'	7/8/05	5	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
B-4@15'	7/11/05	15	<5.0	**2.3**	<0.025	<0.025	<0.025	<0.025	**0.29**	**0.55**
B-4@20'	7/11/05	20	<1.0	**15**	<0.0050	<0.0050	<0.0050	<0.0050	**0.0052**	**2.5**
B-5@15'	7/11/05	15	<4.8	NA	<0.024	<0.024	<0.024	<0.024	**0.47**	NA
B-5@20'	7/11/05	20	<1.0	NA	<0.0050	<0.0050	<0.0050	<0.0050	**0.017**	NA
Fuel UST Pit Samples										
T-1@15'	8/18/05	15	<5.0	<1.0	<0.025	<0.025	<0.025	<0.025	<0.025	**11**
T-2@15'	8/18/05	15	<5.0	<1.0	<0.025	<0.025	<0.025	<0.025	<0.025	**7.5**
T-3@15'	8/18/05	15	<50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	**3.1**
T-4@15'	8/18/05	15	<50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	**5.9**
T-5@15'	8/18/05	15	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	**0.013**	**1.4**
T-6@15'	8/18/05	15	<50	**7.2**	<0.50	<0.50	<0.50	<0.50	<0.50	**12**
T-7@15'	8/18/05	15	**2,400**	**48**	<2.5	<2.5	**9.3**	**11**	<2.5	**21**
T-8@15'	8/18/05	15	**4,600**	**700**	<2.5	<2.5	**8.8**	**45**	<2.5	**16**
T-2@19'	8/18/05	19	<50	**1.4**	<0.50	<0.50	<0.50	<0.50	<0.50	**3.8**
T-3@17'	8/18/05	17	<50	**21**	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
T-5@17'	8/18/05	17	<50	<1.0	<0.50	<0.50	<0.50	**0.68**	<0.50	<2.5
T-8@20'	8/18/05	20	<50	**5.3**	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
Dispenser Samples										
S-1@3'	8/18/05	3	<1.0	**17**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-2@3'	8/18/05	3	<1.0	**25**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-4@3.5'	8/18/05	3.5	<1.0	**46**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-6@4'	8/18/05	4	<1.0	**28**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010

Table 1
Summary of Soil Analytical Data
Shell Service Station
11989 Dublin Blvd.
Dublin, California

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)
Producting Piping Samples										
S-3@4'	8/18/05	4	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-5@4.5'	8/18/05	4.5	<1.0	**1.3**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-7@3'	8/18/05	3	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-8@4'	8/18/05	4	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-9@4'	9/26/05	4	<1.0	**4.4**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-10@42"	9/27/05	3.5	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-11@39"	9/27/05	3.25	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
Over Excavation Samples										
OX-1@22'	8/25/05	22	<4.7	**41**	<0.024	<0.024	<0.024	<0.024	<0.024	<0.047
OX-2@22'	8/25/05	22.5	**2.2**	**32**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.018**
OX-3@22'	8/25/05	22	**2.3**	**2.3**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.031**
OX-4@22'	8/25/05	22	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.081**
OX-5@20'	8/26/05	20	<6.0	<1.0	<0.023	<0.023	<0.023	<0.023	<0.023	**0.10**
OX-6@20'	8/26/05	20	<4.6	<1.0	<0.023	<0.023	<0.023	<0.023	<0.023	**0.38**
OX-7@20'	8/26/05	20	**420**	**6.9**	<0.50	<0.50	**1.4**	<0.50	**0.59**	**6**
OX-8@20'	8/26/05	20	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	**0.012**	**0.91**
OX-9@20'	8/30/05	20	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.17**
OX-10@20'	8/30/05	20	<50	**12**	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
OX-11@20'	8/30/05	20	<50	**600**	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
OX-11@22'	8/30/05	22	**190**	**100**	<0.50	<0.50	**1**	<0.50	<0.50	<2.5
OX-11@24.5'	8/30/05	24.5	**340**	**240**	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
OX-12@20'	8/30/05	20	<50	**79**	<0.50	<0.50	<0.50	<0.50	<0.50	**2.8**
OX-12@22'	8/30/05	22	<50	**51**	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
Direct Push Boring by Delta										
GP-3	11/4/05	9	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010
GP-3	11/4/05	14	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010
GP-3	11/4/05	19	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010
GP-3	11/4/05	24	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010

Table 1
Summary of Soil Analytical Data
Shell Service Station
11989 Dublin Blvd.
Dublin, California

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)

Notes:
mg/kg = milligrams per kilogram
TPH-G = Total petroleum hydrocarbons as gasolin
MTBE = Methyl tert-butyl ether
TBA = tert-Butyl alchohol
NA = not analyzed
NM = not measured

Table 2
Summary of Groundwater Analytical Data
Shell Service Station
11989 Dublin Blvd., 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)
On-Site Soil Borings Groundwater Samples (Cambria)										
SB-2	11/19/1997	22	**470**	**4,900**	**17**	**2.4**	<1.0	**1.1**	**370**	NA
SB-1	8/6/1998	25	**140,000**	**54,000**	<0.5	<0.5	<0.5	<1	**16,000**	NA
SB-2	8/6/1998	25	**10,000**	**7,000**	<0.5	<0.5	<0.5	<1	**8,400**	NA
Off-Site Soil Boring Groundwater Samples (Cambria)										
SB-1-W1	4/1/2003	36 to 40	**100**	NA	<0.5	<0.5	<0.5	<1	**38**	NA
SB-2-W1	4/1/2003	36 to 40	**200**	NA	<0.5	<0.5	<0.5	<1	**17**	NA
SB-3-W1	4/1/2003	27	**120**	NA	<0.5	<0.5	<0.5	<1	**9**	NA
SB-3-W2	4/1/2003	32 to 36	**3,000**	NA	<0.5	<0.5	<0.5	<1	**12**	NA
CPT Groundwater Samples										
CPT-1	11/1/2005	33	Dry							
CPT-1	11/1/2005	50	Dry							
CPT-1	11/1/2005	64	<50	**58** ndp	<0.5	<0.5	<0.5	<1	<0.5	<5
CPT-1	11/1/2005	73	<50	**100** ndp	<0.5	<0.5	<0.5	<1	<0.5	<5
CPT-2	12/20/2005	68	<50	NA	<0.5	<0.5	<0.5	<1	<0.5	<5
CPT-2	12/20/2005	75	<50	NA	<0.5	<0.5	<0.5	<1	<0.5	<5
CPT-3	12/20/2005	48	<50	NA	<0.5	<0.5	<0.5	<1	<0.5	<5
CPT-3	12/20/2005	67	<50	NA	<0.5	<0.5	<0.5	<1	<0.5	<5
CPT-4	11/1/2005	30	Dry							
CPT-4	11/1/2005	38	68	NA	<0.5	<0.5	<0.5	<1	**55**	**330**
CPT-5	12/19/2005	50	<50	NA	<0.5	<0.5	<0.5	<1	<0.5	<5
CPT-5	12/19/2005	60	<50	NA	<0.5	<0.5	<0.5	<1	<0.5	<5
CPT-5	12/19/2005	75	<50	NA	<0.5	<0.5	<0.5	<1	<0.5	<5
CPT-6	11/1/2005	38	Dry							
Direct Push Boring										
GP-3		26	<50	**130** ndp	<0.5	<0.5	<0.5	<1	<0.5	<5

Notes:
ug/l = micrograms per liter
TPH-G = Total petroleum hydrocarbons as gasoline
TPH-D = Total petroleum hydrocarbons as diesel
MTBE = Methyl tert-butyl ether
TBA = tert-Butyl alchohol
ndp = hydrocarbon reported does not match the pattern of our Diesel standard

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

January 27, 2006

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

First Quarter 2006 Groundwater Monitoring at
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, CA

Monitoring performed on January 3 and 6, 2006

Groundwater Monitoring Report **060106-MT-1**

This report covers the routine monitoring of groundwater wells at this Shell-branded 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: Vera Fischer
Delta Environmental
175 Bernal Road, Suite 200
San Jose, CA 95119

WELL CONCENTRATIONS
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	07/20/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	367.99	6.24	361.75	NA
MW-1	10/25/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	367.99	6.36	361.63	NA
MW-1	01/27/2000	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	367.99	5.65	362.34	NA
MW-1	04/03/2000	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	367.99	5.68	362.31	1.2/1.6
MW-1	07/27/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	367.99	5.69	362.30	1.0/1.1
MW-1	10/16/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	367.99	5.74	362.25	1.2/0.8
MW-1	01/16/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	367.99	5.71	362.28	0.59/2.8
MW-1	04/19/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	367.99	5.63	362.36	1.4/1.5
MW-1	07/13/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	367.99	5.70	362.29	2.3/3.1
MW-1	08/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	367.99	5.72	362.27	NA
MW-1	10/26/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	367.99	5.73	362.26	0.4/0.0
MW-1	01/11/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	367.99	5.55	362.44	5.4/2.0
MW-1	05/22/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	367.99	5.55	362.44	NA
MW-1	07/15/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	367.99	5.70	362.29	NA
MW-1	10/11/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	367.99	5.87	362.12	NA
MW-1	01/17/2003	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	367.99	5.79	362.20	NA
MW-1	05/01/2003	52	NA	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	367.99	5.61	362.38	NA
MW-1	08/27/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	5.84	362.15	NA
MW-1	10/03/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	5.95	362.04	NA
MW-1	01/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	5.66	362.33	NA
MW-1	04/09/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	5.55	362.44	NA
MW-1	07/22/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	5.73	362.26	NA
MW-1	11/01/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	5.73	362.26	NA
MW-1	01/26/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	5.50	362.49	NA
MW-1	04/14/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	5.60	362.39	NA
MW-1	07/21/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	6.14	361.85	NA
MW-1	11/08/2005	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	367.99	6.33	361.66	NA

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MW-2	07/20/1999	2,600	699	55.0	<2.50	59.5	<2.50	9,370	NA	NA	NA	NA	NA	NA	365.43	20.31	345.12	NA
MW-2	10/25/1999	4,710	761	61.1	<10.0	74.6	<10.0	22,800	NA	NA	NA	NA	NA	NA	365.43	22.80	342.63	NA
MW-2	01/27/2000	3,820	1490	60.8	<10.0	156	<10.0	13,400	15,000 a	NA	NA	NA	NA	NA	365.43	19.17	346.26	NA
MW-2	04/03/2000	7,130	NA	184	14.9	238	18.8	34,200	28,000	NA	NA	NA	NA	NA	365.43	19.03	346.40	1.6/1.7
MW-2	07/27/2000	311	NA	10.0	<0.500	<0.500	<0.500	280	NA	NA	NA	NA	NA	NA	365.43	19.09	346.34	1.9/1.7
MW-2	10/16/2000	3,970	NA	123	<5.00	68.5	<5.00	14,000	15,600	NA	NA	NA	NA	NA	365.43	23.98	341.45	0.5/0.5
MW-2	01/16/2001	5,780	NA	125	9.71	139	6.93	7,660	7,810	NA	NA	NA	NA	NA	365.43	22.12	343.31	0.90/2.61
MW-2	04/19/2001	4,460	NA	114	7.61	115	4.87	15,200	18,400	NA	NA	NA	NA	NA	365.43	20.95	344.48	1.6/1.5
MW-2	07/13/2001	<5,000	NA	<25	<25	110	<25	NA	15,000	NA	NA	NA	NA	NA	365.43	22.62	342.81	2.7/1.8
MW-2	08/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	365.43	22.33	343.10	NA
MW-2	10/26/2001	3,700	NA	<20	<20	66	<20	NA	9,200	<20	<20	<20	1,800	<500	365.43	22.32	343.11	0.7/0.8
MW-2	01/11/2002	<5,000	NA	<50	<50	54	<50	NA	15,000	NA	NA	NA	NA	NA	365.43	18.72	346.71	5.1/c
MW-2	05/22/2002	<5,000	NA	53	<50	57	<50	NA	20,000	<50	<50	<50	6,300	NA	365.43	20.59	344.84	NA
MW-2	07/15/2002	<5,000	NA	<50	<50	<50	<50	NA	16,000	<50	<50	<50	3,100	NA	365.43	21.90	343.53	NA
MW-2	10/11/2002	3,600	NA	<20	<20	48	<20	NA	8,200	<20	<20	<20	1,600	NA	365.43	22.45	342.98	NA
MW-2	01/17/2003	4,700	NA	<25	<25	87	<25	NA	13,000	<25	<25	<25	7,700	NA	365.43	19.27	346.16	NA
MW-2	05/01/2003	6,000	NA	<50	<50	110	<100	NA	12,000	<200	<200	<200	6,700	NA	365.43	19.09	346.34	NA
MW-2	08/27/2003	2,500	NA	32	<25	100	<50	NA	4,800	<100	<100	<100	9,100	NA	365.43	22.53	342.90	NA
MW-2	10/03/2003	5,500 d	NA	32	<13	86	<25	NA	2,200	<50	<50	<50	9,900	NA	365.43	23.02	342.41	NA
MW-2	01/05/2004	6,500	NA	22	<13	58	<25	NA	1,200	<50	<50	<50	7,400	NA	365.43	19.08	346.35	NA
MW-2	04/09/2004	6,500	NA	72	<13	30	<25	NA	1,600	<50	<50	<50	11,000	NA	365.43	20.22	345.21	NA
MW-2	07/22/2004	4,900	NA	32	<13	19	<25	NA	180	<50	<50	<50	7,100	NA	365.43	22.14	343.29	NA
MW-2	11/01/2004	5,700	NA	42	<13	13	<25	NA	190	<50	<50	<50	6,100	NA	365.43	20.72	344.71	NA
MW-2	01/26/2005	6,600	NA	94	<13	13	<25	NA	1,700	<50	<50	<50	16,000	NA	365.43	17.95	347.48	NA
MW-2	04/14/2005	8,200	NA	170	<10	92	<20	NA	1,300	<40	<40	<40	15,000	NA	365.43	18.10	347.33	NA
MW-2	07/21/2005	4,100	NA	23	<10	13	<20	NA	96	<40	<40	<40	4,600	NA	365.43	22.72	342.71	NA
MW-2	11/08/2005	1,290	NA	1.66	0.990	2.56	1.25	NA	11.9	<0.500	<0.500	<0.500	428	NA	365.43	21.77	343.66	NA
MW-2	**01/06/2006**	**6,650**	**NA**	**<0.500**	**<0.500**	**2.69**	**<0.500**	**NA**	**9.23 g**	**<0.500**	**<0.500**	**<0.500**	**1,300 g**	**NA**	**365.43**	**18.94**	**346.49**	**NA**

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MW-3	07/20/1999	208	177	4.69	<0.500	<0.500	<0.500	664	NA	NA	NA	NA	NA	NA	364.97	24.23	340.74	NA
MW-3	10/25/1999	378	182	9.49	<0.500	<0.500	<0.500	1,410	NA	NA	NA	NA	NA	NA	364.97	23.26	341.71	NA
MW-3	01/27/2000	428	100	29.4	<0.500	<0.500	<0.500	941	NA	NA	NA	NA	NA	NA	364.97	19.53	345.44	NA
MW-3	04/03/2000	<125	NA	11.4	<1.25	<1.25	<1.25	639	NA	NA	NA	NA	NA	NA	364.97	19.13	345.84	1.4/1.9
MW-3	07/27/2000	4,360	NA	78.4	6.95	85.8	2.61	26,600	25,200 b	NA	NA	NA	NA	NA	364.97	19.10	345.87	1.9/2.0
MW-3	10/16/2000	586	NA	21.3	<0.500	<0.500	<0.500	3,310	NA	NA	NA	NA	NA	NA	364.97	24.11	340.86	1.1/0.8
MW-3	01/16/2001	558	NA	14.7	<0.500	<0.500	<0.500	2,210	NA	NA	NA	NA	NA	NA	364.97	22.19	342.78	0.87/3.5
MW-3	04/19/2001	376	NA	9.08	<0.500	<0.500	<0.500	667	NA	NA	NA	NA	NA	NA	364.97	20.96	344.01	1.7/1.4
MW-3	07/13/2001	370	NA	<2.0	<2.0	<2.0	<2.0	NA	670	NA	NA	NA	NA	NA	364.97	22.77	342.20	3.1/4.8
MW-3	08/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	364.97	22.59	342.38	NA
MW-3	10/26/2001	<200	NA	<2.0	<2.0	<2.0	<2.0	NA	680	<2.0	<2.0	<2.0	79	<500	364.97	22.81	342.16	1.0/3.2
MW-3	01/11/2002	480	NA	<2.0	<2.0	<2.0	<2.0	NA	830	NA	NA	NA	NA	NA	364.97	18.88	346.09	1.1/3.2
MW-3	05/22/2002	570	NA	<1.0	<1.0	<1.0	<1.0	NA	680	<2.0	<2.0	<2.0	58	NA	364.97	20.75	344.22	NA
MW-3	07/15/2002	420	NA	1.1	<1.0	<1.0	1.1	NA	520	<2.0	<2.0	<2.0	53	NA	364.97	22.09	342.88	NA
MW-3	10/11/2002	730	NA	<0.50	<0.50	<0.50	<0.50	NA	320	<2.0	<2.0	<2.0	330	NA	364.97	22.68	342.29	NA
MW-3	01/17/2003	740	NA	<0.50	<0.50	<0.50	<0.50	NA	150	<2.0	<2.0	<2.0	440	NA	364.97	19.34	345.63	NA
MW-3	05/01/2003	890	NA	<0.50	<0.50	<0.50	<1.0	NA	78	<2.0	<2.0	<2.0	300	NA	364.97	19.27	345.70	NA
MW-3	08/27/2003	920 d	NA	<0.50	<0.50	<0.50	<1.0	NA	52	<2.0	<2.0	<2.0	330	NA	364.97	22.73	342.24	NA
MW-3	10/03/2003	870 d	NA	<0.50	<0.50	<0.50	<1.0	NA	65	<2.0	<2.0	<2.0	520	NA	364.97	23.15	341.82	NA
MW-3	01/05/2004	860 d	NA	<0.50	<0.50	<0.50	<1.0	NA	40	<2.0	<2.0	<2.0	750	NA	364.97	19.60	345.37	NA
MW-3	04/09/2004	420 d	NA	<0.50	<0.50	<0.50	<1.0	NA	58	<2.0	<2.0	<2.0	280	NA	364.97	20.30	344.67	NA
MW-3	07/22/2004	570 e	NA	<0.50	<0.50	<0.50	<1.0	NA	20	<2.0	<2.0	<2.0	360	NA	364.97	22.42	342.55	NA
MW-3	11/01/2004	430	NA	<0.50	<0.50	<0.50	<1.0	NA	28	<2.0	<2.0	<2.0	680	NA	364.97	21.00	343.97	NA
MW-3	01/26/2005	1000	NA	0.53	<0.50	<0.50	<1.0	NA	20	<2.0	<2.0	<2.0	820	NA	364.97	17.92	347.05	NA
MW-3	04/14/2005	1,100	NA	1.3	<0.50	<0.50	<1.0	NA	16	<2.0	<2.0	<2.0	580	NA	364.97	18.11	346.86	NA
MW-3	07/21/2005	490	NA	<0.50	<0.50	<0.50	<1.0	NA	4.2	<2.0	<2.0	<2.0	400	NA	364.97	22.95	342.02	NA
MW-3	11/08/2005	349	NA	<0.500	<0.500	<0.500	<0.500	NA	10.1	<0.500	<0.500	<0.500	418	NA	364.97	22.18	342.79	NA
MW-3	**01/06/2006**	**<50.0**	**NA**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**13.7**	**<0.500**	**<0.500**	**<0.500**	**1,060**	**NA**	**364.97**	**19.40**	**345.57**	**NA**

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MW-4	08/10/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	364.01	25.63	338.38	NA
MW-4	08/13/2001	2,400	NA	<10	<10	<10	<10	NA	8,300	NA	NA	NA	NA	NA	364.01	26.32	337.69	4.2/2.7
MW-4	10/26/2001	<2,000	NA	<20	<20	<20	<20	NA	8,600	NA	NA	NA	NA	NA	364.01	26.02	337.99	3.1/2.8
MW-4	01/11/2002	<2,000	NA	<20	<20	<20	<20	NA	5,100	NA	NA	NA	NA	NA	364.01	22.25	341.76	7.9/3.0
MW-4	05/22/2002	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	3,200	<5.0	<5.0	<5.0	2,500	NA	364.01	23.96	340.05	NA
MW-4	07/15/2002	<2,500	NA	<20	<20	<20	<20	NA	7,000	<20	<20	<20	2,000	NA	363.97	25.18	338.79	NA
MW-4	10/11/2002	1,900	NA	<5.0	<5.0	<5.0	<5.0	NA	2,900	<5.0	<5.0	<5.0	5,100	NA	363.97	25.91	338.06	NA
MW-4	01/17/2003	580	NA	<2.5	<2.5	<2.5	<2.5	NA	59	<2.5	<2.5	<2.5	7,000	NA	363.97	22.38	341.59	NA
MW-4	05/01/2003	770	NA	<5.0	<5.0	<5.0	<10	NA	73	<20	<20	<20	4,300	NA	363.97	21.92	342.05	NA
MW-4	08/27/2003	<1,000	NA	<10	<10	<10	<20	NA	370	<40	<40	<40	11,000	NA	363.97	25.31	338.66	NA
MW-4	10/03/2003	<1,000	NA	<10	<10	<10	<20	NA	190	<40	<40	<40	11,000	NA	363.97	26.00	337.97	NA
MW-4	01/05/2004	<1,000	NA	<10	<10	<10	<20	NA	<10	<40	<40	<40	7,400	NA	363.97	23.48	340.49	NA
MW-4	04/09/2004	<1,000	NA	<10	<10	<10	<20	NA	<10	<40	<40	<40	5,700	NA	363.97	23.45	340.52	NA
MW-4	07/22/2004	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	363.97	NA	NA	NA
MW-4	11/01/2004	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	363.97	NA	NA	NA
MW-4	01/26/2005	1200 f	NA	<10	<10	<10	<20	NA	<10	<40	<40	<40	3700	NA	363.97	21.44	342.53	NA
MW-4	04/14/2005	1,000 f	NA	<0.50	<0.50	<0.50	<1.0	NA	6.2	<2.0	<2.0	<2.0	5,800	NA	363.97	20.69	343.28	NA
MW-4	07/21/2005	390	NA	<2.5	<2.5	<2.5	<5.0	NA	<2.5	<10	<10	<10	2,400	NA	363.97	25.55	338.42	NA
MW-4	11/08/2005	489	NA	<0.500	<0.500	<0.500	<0.500	NA	3.23	<0.500	<0.500	<0.500	1,710	NA	363.97	25.46	338.51	NA
MW-4	**01/06/2006**	**<50.0**	**NA**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**2.75 g**	**<0.500**	**<0.500**	**<0.500**	**302**	**NA**	**363.97**	**22.55**	**341.42**	**NA**
MW-5	**01/03/2006**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**22.95**	**NA**	**NA**
MW-5	**01/06/2006**	**<50.0**	**280**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**<10.0**	**NA**	**NA**	**22.77**	**NA**	**NA**

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Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to July 13, 2001, analyzed by EPA Method 8015.

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

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to July 13, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary butyl ether

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

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

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

TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260

TOC = Top of Casing Elevation

GW = Groundwater

DO = Dissolved Oxygen

n/n = Pre-purge/Post-purge DO Readings

ug/L = Parts per billion

ppm = Parts per million

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

NA = Not applicable

WELL CONCENTRATIONS
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)

Notes:

a = Sample was analyzed outside the EPA recommended holding time.

b = Concentration is an estimate.

c = DO meter malfunctioning.

d = Hydrocarbon does not match pattern of laboratory's standard.

e = Sample contains discrete peak in addition to gasoline.

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

g = Secondary ion abundances were outside method requirements. Identification based on analytical judgement.

Ethanol analyzed by EPA Method 8260B.

Wells surveyed June 21, 1999 by Virgil Chavez Land Surveying of Vallejo, CA.

Wells surveyed August 23, 2001 and February 18, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

SEVERN TRENT STL

Submission#: 2005-07-0382

Delta Env. Consultants San Jose

August 01, 2005

175 Bernal Rd., Suite 200
San Jose, CA 95119

Attn.: Lee Dooley

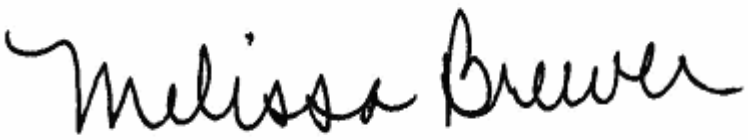
Project#: SJ11-989-1
Project: 98995328
Site: 11989 Dublin Blvd., Dublin

Attached is our report for your samples received on 07/14/2005 14:04
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 08/28/2005 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions,

You can also contact me via email. My email address is: mbrewer@stl-inc.com

Sincerely,



Melissa Brewer
Project Manager

ANALYTICAL REPORT

Job Number: 680-6008-1

Job Description: San Francisco 98995328

For:

Severn Trent Laboratories, Inc.
1220 Quarry Lane
Pleasanton, CA 94566

Attention: Melissa Brewer

Gloria D. Fulwood

Gloria Fulwood
Project Manager I
gfulwood@stl-inc.com
07/29/2005

METHOD SUMMARY

Client: Severn Trent Laboratories, Inc. Job Number: 680-6008-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Total Trihalomethane Calculation	STL-SAV	STL-SAV	TTHM_Calc

LAB REFERENCES:

STL-SAV = STL-Savannah

METHOD REFERENCES:

STL-SAV - Severn Trent Laboratories, Savannah, Facility Standard Operating Procedure.

SAMPLE SUMMARY

Client: Severn Trent Laboratories, Inc.

Job Number: 680-6008-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-6008-1	MW-1	Water	07/11/2005 1000	07/16/2005 0930

SAMPLE RESULTS

Client: Severn Trent Laboratories, Inc.

Job Number: 680-6008-1

Client Sample ID: MW-1

Lab Sample ID: 680-6008-1
Client Matrix: Water

Date Sampled: 07/11/2005 1000
Date Received: 07/16/2005 0930

TTHM_Calc Total Trihalomethane Calculation

Method: TTHM_Calc
Preparation: N/A
Dilution: 1.0
Date Analyzed: 07/19/2005 1540
Date Prepared: N/A

Analysis Batch: 680-16717

Instrument ID: GC/MS Volatiles - S
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Bromoform	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
Chloroform	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Trihalomethanes, Total	<1.0		1.0

QUALITY CONTROL RESULTS

SEVERN TRENT STL

Chain of Custody

Date Shipped: 7/15/2005

2005-07-0382 - 1

From:

STL San Francisco (CL)
1220 Quarry Lane
Pleasanton, CA 94566-4756

Project Manager: Melissa Brewer
Phone: Ext:
Fax: (925) 484-1096
Email: mbrewer@stl-inc.com

To:

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404-6019

Phone: (912) 354-7858 Ext:
Fax: (912) 351-3673
Contact: Gloria Fwlwood
Phone: (912) 354-7858 Ext:

CL Submission #: 2005-07-0382
CL PO #:

Project #: SJ11-989-1
Project Name: 98995328

Client Sample ID / Analysis	CL#	Sampled	Matrix / Method	TAT
MW-1	1	7/11/2005 10:00:00AM	Water	
Subcontract - Others /* Trihalomethanes */ /* SHELL */				5 Day

PLEASE INCLUDE QC WITH FAXED AND HARD-COPY RESULTS

TEMP. 3.4°C

680-6008

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: [signature] Time: 15:30	Signature: Time:	Signature: Time:
Printed Name: J Bullock Date: 7/15/05	Printed Name: Date:	Printed Name: Date:
Company: STL SF	Company:	Company:

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: 3.
Signature: [signature] Time: 0930	Signature: Time:	Signature: Time:
Printed Name: Sass Hornsby Date: 7/16/05	Printed Name: Date:	Printed Name: Date:
Company: STL - SAV	Company:	Company:

EQUIVA Services LLC Chain Of Custody Record

116005

STL-San Francisco

1220 Quarry Lane
Pleasanton, CA
(925)484-1919 (925)484-1096 fax

Equiva Project Manager to be invoiced:

☑ SCIENCE & ENGINEERING
☐ TECHNICAL SERVICES
☐ CRMT HOUSTON

Denis Brown

2005-07-0382

INCIDENT NUMBER (S&E ONLY): 9 8 9 9 5 3 2 8

SAP or CRMT NUMBER (TS/CRMT):

DATE: 7/13/05

PAGE: 1 of 1

BILLING COMPANY: Delta Environmental Consultants

LOG CODE:

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

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

TELEPHONE: (408) 224-4724 FAX: (408) 225-8506 E-MAIL: ldooley@deltaenv.com

SITE ADDRESS (Street and City): 11989 Dublin Blvd., Dublin

GLOBAL ID NO:

EDF DELIVERABLE TO (Responsible Party or Designee): Heather Buckingham

PHONE NO: 408-224-4724

E-MAIL: hbuckingham@deltaenv.c

CONSULTANT PROJECT NO: SJ11-989-1

SAMPLER NAME(S) (Print): Heather Buckingham

LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS):
☑ 10 DAYS ☐ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

GC/MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES:

CHECK BOX IF EDD IS NEEDED ☑

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	Ethanol (8260B)	TBA	EDB & 1,2-DCA (8260B)	EPA 5035 Extraction for Volatiles	VOCs Halogenated/Aromatic (8021B)	TRPH (418.1)	Vapor VOCs BTEX / MTBE (TO-15)	Vapor VOCs Full List (TO-15)	Vapor TPH (ASTM 3416m)	Vapor Fixed Gases (ASTM D1946)	Test for Disposal (4B- _____)	Total Lead 6010B per Shell's Disp. test	TPH - Diesel, Extractable (8015m)	Trihalomethanes	MTBE (8260B) Confirmation, See Note
	MW-1	7/11/2005	10:00	water	3																			x	

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

5.0

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
Heather Buckingham		7/14/05	1404
Relinquished by: (Signature)	Received by: (Signature)	Date	Time
7/14/05 1742		7/14/05	1740
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

DISTRIBUTION: White with final report, Green to File, Yellow and Pink to Client

10/16/00 Revision

Q&D Graphic (714) 898-9702

Submission#: 2005-11-0044

Delta Env. Consultants San Jose

November 09, 2005

175 Bernal Road
San Jose, CA 95119

Attn.: Rebecca Wolff

Project#: SJ11-989-1
Project: 98995328
Site: 11989 Dublin Blvd, Dublin

Attached is our report for your samples received on 11/02/2005 10:41
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 12/17/2005 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions,

You can also contact me via email. My email address is: mbrewer@stl-inc.com

Sincerely,

Melissa Brewer
Project Manager

Diesel (C9-C24)

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 826-1868 Fax: (408) 225-8506

Project: SJ11-989-1
98995328

Received: 11/02/2005 10:41

Site: 11989 Dublin Blvd, Dublin

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
CPT-1 @ 64`	11/01/2005 13:35	Water	1
CPT-1 @ 73`	11/01/2005 13:55	Water	2

Diesel (C9-C24)

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 826-1868 Fax: (408) 225-8506

Project: SJ11-989-1
98995328

Received: 11/02/2005 10:41

Site: 11989 Dublin Blvd, Dublin

Prep(s):	3511	Test(s):	8015M
Sample ID:	**CPT-1 @ 64`**	Lab ID:	2005-11-0044 - 1
Sampled:	11/01/2005 13:35	Extracted:	11/7/2005 08:54
Matrix:	Water	QC Batch#:	2005/11/07-02.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	58	50	ug/L	1.00	11/07/2005 21:31	ndp
Surrogate(s)						
o-Terphenyl	110.2	64-127	%	1.00	11/07/2005 21:31	

Diesel (C9-C24)

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 826-1868 Fax: (408) 225-8506

Project: SJ11-989-1
98995328

Received: 11/02/2005 10:41

Site: 11989 Dublin Blvd, Dublin

Prep(s):	3511	Test(s):	8015M
Sample ID:	**CPT-1 @ 73`**	Lab ID:	2005-11-0044 - 2
Sampled:	11/01/2005 13:55	Extracted:	11/7/2005 08:54
Matrix:	Water	QC Batch#:	2005/11/07-02.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	100	50	ug/L	1.00	11/07/2005 23:05	ndp
Surrogate(s)						
o-Terphenyl	105.8	64-127	%	1.00	11/07/2005 23:05	

Diesel (C9-C24)

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 826-1868 Fax: (408) 225-8506

Project: SJ11-989-1
98995328

Received: 11/02/2005 10:41

Site: 11989 Dublin Blvd, Dublin

Batch QC Report

Prep(s): 3511 Test(s): 8015M

Method Blank **Water** **QC Batch # 2005/11/07-02.10**

MB: 2005/11/07-02.10-001 Date Extracted: 11/07/2005 08:54

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	11/07/2005 21:00	
Surrogates(s)					
o-Terphenyl	114.0	64-127	%	11/07/2005 21:00	

Diesel (C9-C24)

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 826-1868 Fax: (408) 225-8506

Project: SJ11-989-1
98995328

Received: 11/02/2005 10:41

Site: 11989 Dublin Blvd, Dublin

Batch QC Report

Prep(s): 3511

Test(s): 8015M

Laboratory Control Spike **Water** **QC Batch # 2005/11/07-02.10**

LCS 2005/11/07-02.10-002 Extracted: 11/07/2005 Analyzed: 11/07/2005 19:59

LCSD 2005/11/07-02.10-003 Extracted: 11/07/2005 Analyzed: 11/07/2005 21:29

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	537	555	714	75.2	77.7	3.3	60-150	25		
Surrogates(s)										
o-Terphenyl	1.46	1.50	1.25	117.1	119.7		64-127	0		

Diesel (C9-C24)

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 826-1868 Fax: (408) 225-8506

Project: SJ11-989-1
98995328

Received: 11/02/2005 10:41

Site: 11989 Dublin Blvd, Dublin

Legend and Notes

Result Flag

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 826-1868 Fax: (408) 225-8506

Project: SJ11-989-1
98995328

Received: 11/02/2005 10:41

Site: 11989 Dublin Blvd, Dublin

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
CPT-1 @ 64`	11/01/2005 13:35	Water	1
CPT-1 @ 73`	11/01/2005 13:55	Water	2
CPT-4 @ 38`	11/01/2005 16:30	Water	3

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 826-1868 Fax: (408) 225-8506

Project: SJ11-989-1
98995328

Received: 11/02/2005 10:41

Site: 11989 Dublin Blvd, Dublin

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**CPT-1 @ 64`**	Lab ID:	2005-11-0044 - 1
Sampled:	11/01/2005 13:35	Extracted:	11/7/2005 20:37
Matrix:	Water	QC Batch#:	2005/11/07-3A.69
pH: <2			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	11/07/2005 20:37	
Benzene	ND	0.50	ug/L	1.00	11/07/2005 20:37	
Toluene	ND	0.50	ug/L	1.00	11/07/2005 20:37	
Ethylbenzene	ND	0.50	ug/L	1.00	11/07/2005 20:37	
Total xylenes	ND	1.0	ug/L	1.00	11/07/2005 20:37	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	11/07/2005 20:37	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	11/07/2005 20:37	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	11/07/2005 20:37	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	11/07/2005 20:37	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	11/07/2005 20:37	
Surrogate(s)						
1,2-Dichloroethane-d4	119.5	73-130	%	1.00	11/07/2005 20:37	
Toluene-d8	93.8	81-114	%	1.00	11/07/2005 20:37	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 826-1868 Fax: (408) 225-8506

Project: SJ11-989-1
98995328

Received: 11/02/2005 10:41

Site: 11989 Dublin Blvd, Dublin

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**CPT-1 @ 73`**	Lab ID:	2005-11-0044 - 2
Sampled:	11/01/2005 13:55	Extracted:	11/7/2005 23:27
Matrix:	Water	QC Batch#:	2005/11/07-3A.69
pH: <2			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	11/07/2005 23:27	
Benzene	ND	0.50	ug/L	1.00	11/07/2005 23:27	
Toluene	ND	0.50	ug/L	1.00	11/07/2005 23:27	
Ethylbenzene	ND	0.50	ug/L	1.00	11/07/2005 23:27	
Total xylenes	ND	1.0	ug/L	1.00	11/07/2005 23:27	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	11/07/2005 23:27	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	11/07/2005 23:27	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	11/07/2005 23:27	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	11/07/2005 23:27	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	11/07/2005 23:27	
Surrogate(s)						
1,2-Dichloroethane-d4	115.7	73-130	%	1.00	11/07/2005 23:27	
Toluene-d8	96.2	81-114	%	1.00	11/07/2005 23:27	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 826-1868 Fax: (408) 225-8506

Project: SJ11-989-1
98995328

Received: 11/02/2005 10:41

Site: 11989 Dublin Blvd, Dublin

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**CPT-4 @ 38`**	Lab ID:	2005-11-0044 - 3
Sampled:	11/01/2005 16:30	Extracted:	11/7/2005 23:48
Matrix:	Water	QC Batch#:	2005/11/07-3A.69
pH: <2			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	68	50	ug/L	1.00	11/07/2005 23:48	
Benzene	ND	0.50	ug/L	1.00	11/07/2005 23:48	
Toluene	ND	0.50	ug/L	1.00	11/07/2005 23:48	
Ethylbenzene	ND	0.50	ug/L	1.00	11/07/2005 23:48	
Total xylenes	ND	1.0	ug/L	1.00	11/07/2005 23:48	
tert-Butyl alcohol (TBA)	330	5.0	ug/L	1.00	11/07/2005 23:48	
Methyl tert-butyl ether (MTBE)	55	0.50	ug/L	1.00	11/07/2005 23:48	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	11/07/2005 23:48	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	11/07/2005 23:48	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	11/07/2005 23:48	
Surrogate(s)						
1,2-Dichloroethane-d4	108.1	73-130	%	1.00	11/07/2005 23:48	
Toluene-d8	98.9	81-114	%	1.00	11/07/2005 23:48	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 826-1868 Fax: (408) 225-8506

Project: SJ11-989-1
98995328

Received: 11/02/2005 10:41

Site: 11989 Dublin Blvd, Dublin

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2005/11/07-3A.69**

MB: 2005/11/07-3A.69-023 — Date Extracted: 11/07/2005 19:23

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	11/07/2005 19:23	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	11/07/2005 19:23	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	11/07/2005 19:23	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	11/07/2005 19:23	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	11/07/2005 19:23	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	11/07/2005 19:23	
Benzene	ND	0.5	ug/L	11/07/2005 19:23	
Toluene	ND	0.5	ug/L	11/07/2005 19:23	
Ethylbenzene	ND	0.5	ug/L	11/07/2005 19:23	
Total xylenes	ND	1.0	ug/L	11/07/2005 19:23	
Surrogates(s)					
1,2-Dichloroethane-d4	99.0	73-130	%	11/07/2005 19:23	
Toluene-d8	96.0	81-114	%	11/07/2005 19:23	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 826-1868 Fax: (408) 225-8506

Project: SJ11-989-1
98995328

Received: 11/02/2005 10:41

Site: 11989 Dublin Blvd, Dublin

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/11/07-3A.69**

LCS 2005/11/07-3A.69-001 Extracted: 11/07/2005 Analyzed: 11/07/2005 19:01

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	22.2		25	88.8			65-165	20		
Benzene	18.0		25	72.0			69-129	20		
Toluene	19.0		25	76.0			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	476		500	95.2			73-130			
Toluene-d8	479		500	95.8			81-114			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 826-1868 Fax: (408) 225-8506

Project: SJ11-989-1
98995328

Received: 11/02/2005 10:41

Site: 11989 Dublin Blvd, Dublin

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/11/07-3A.69**

CPT-1 @ 64` >> MS

Lab ID: 2005-11-0044 - 001

MS: 2005/11/07-3A.69-054 Extracted: 11/07/2005 Analyzed: 11/07/2005 19:54

Dilution: 1.00

MSD: 2005/11/07-3A.69-016 Extracted: 11/07/2005 Analyzed: 11/07/2005 20:16

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	30.1	26.3	ND	25	120.4	105.2	13.5	65-165	20		
Benzene	22.2	18.6	ND	25	88.8	74.4	17.6	69-129	20		
Toluene	22.5	19.3	ND	25	90.0	77.2	15.3	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	539	557		500	107.8	111.4		73-130			
Toluene-d8	477	480		500	95.4	96.0		81-114			

2005-11-0044

SHELL Chain Of Custody Record

98817

STL-San Francisco

1220 Quarry Lane

Pleasanton, CA 94566

(925) 484-1919 (925) 484-1096 fax

Shell Project Manager to be invoiced: Denis Brown Global Compliance

☒ SCIENCE & ENGINEERING ☐ TECHNICAL SERVICES ☐ CRMT HOUSTON

INCIDENT NUMBER (S&E ONLY): 9 8 9 9 5 3 2 8

SAP or CRMT NUMBER (TS/CRMT):

DATE: 11-2-05

PAGE: 1 of 1

SAMPLING COMPANY:	LOG CODE:	SITE ADDRESS (Street and City):	GLOBAL ID NO.:
Delta Environmental Consultants, Inc.		11989 Dublin Blvd, Dublin	T0600102083

ADDRESS:	EDF DELIVERABLE TO (Responsible Party or Designee):	PHONE NO.:	E-MAIL:	CONSULTANT PROJECT NO.:
175 Bernal Rd, Suite 200, San Jose CA, 95119	Justin Link	(408) 826-1865	jlink@deltaenv.com	5511-969-1

PROJECT CONTACT (Hardcopy or PDF Report to):	TELEPHONE:	FAX:	E-MAIL:	SAMPLER NAME(S) (Print):
Rebecca Wolff	(408) 826-1868	(408) 225-8506	rwolff@deltaenv.com	Rebecca Wolff

LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS): ☐ 10 DAYS ☒ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

GC/MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED ☐

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	TPH - Extractable (8015m)	BTEX	MTBE	tBA	Oxygenates (5) by (8260B)	1,2 DCA and EDB	Ethanol	Methanol	VOCs by 8260B	Semi-Volatiles by 8270C	Lead ☐ Total ☐ STLC ☐ TCLP	LUFT5 ☐ Total ☐ STLC ☐ TCLP	CAM17 ☐ Total ☐ STLC ☐ TCLP	Test for Disposal
	CPT-1 @ ~~71~~ 64'	11-1-05	13:35	water	8	X	X	X			X									
	CPT-1 @ 73'	11-1-05	13:55	water	8	X	X	X			X									
	CPT-4 @ 38'	11-1-05	16:30	water	8	X		X	X		X									

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

TEMPERATURE ON RECEIPT C° 2

Hcl

Hcl

MTBE is Priority only 1 VOA

Hcl

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Rebecca Wolff		11/2/05	1041
Relinquished by: (Signature) 11/4/05	Received by: (Signature)	Date: 11/02/05	Time: 1700
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

DISTRIBUTION: White with final report, Green to File, Yellow and Pink to Client.

10/16/00 Revision

Q&Q Graphic (714) 899-9702

Submission#: 2005-12-0146

Delta Env. Consultants San Jose January 06, 2006

175 Bernal Rd., Suite 200
San Jose, CA 95119

Attn.: Lee Dooley

Project#: Consultant Project #SJ11-989-1
Project: 98995328
Site: 11989 Dublin Blvd., Dublin

Attached is our report for your samples received on 12/21/2005 11:17
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 02/04/2006 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions,

You can also contact me via email. My email address is: mbrewer@stl-inc.com

Sincerely,

Melissa Brewer
Project Manager

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Lee Dooley

175 Bernal Rd., Suite 200
San Jose, CA 95119
Phone: (408) 826-1880 Fax: (408) 225-8506

Project: Consultant Project #SJ11-989-1
98995328

Received: 12/21/2005 11:17

Site: 11989 Dublin Blvd., Dublin

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
CPT-2@68`	12/20/2005 14:20	Water	1
CPT-2@75`	12/20/2005 15:00	Water	2
CPT-3@48`	12/20/2005 08:30	Water	3
CPT-3@67`	12/20/2005 09:30	Water	4
CPT-5@50`	12/19/2005 11:00	Water	5
CPT-5@60`	12/19/2005 11:40	Water	6
CPT-5@75`	12/19/2005 12:10	Water	7

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Lee Dooley

175 Bernal Rd., Suite 200
San Jose, CA 95119
Phone: (408) 826-1880 Fax: (408) 225-8506

Project: Consultant Project #SJ11-989-1
98995328

Received: 12/21/2005 11:17

Site: 11989 Dublin Blvd., Dublin

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**CPT-2@68`**	Lab ID:	2005-12-0146 - 1
Sampled:	12/20/2005 14:20	Extracted:	1/3/2006 15:16
Matrix:	Water	QC Batch#:	2006/01/03-1A.65
pH: <2			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	01/03/2006 15:16	.
Benzene	ND	0.50	ug/L	1.00	01/03/2006 15:16	
Toluene	ND	0.50	ug/L	1.00	01/03/2006 15:16	
Ethylbenzene	ND	0.50	ug/L	1.00	01/03/2006 15:16	
Total xylenes	ND	1.0	ug/L	1.00	01/03/2006 15:16	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/03/2006 15:16	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	01/03/2006 15:16	
Surrogate(s)						
1,2-Dichloroethane-d4	102.5	72-130	%	1.00	01/03/2006 15:16	
Toluene-d8	88.3	81-114	%	1.00	01/03/2006 15:16	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Lee Dooley

175 Bernal Rd., Suite 200
San Jose, CA 95119
Phone: (408) 826-1880 Fax: (408) 225-8506

Project: Consultant Project #SJ11-989-1
98995328

Received: 12/21/2005 11:17

Site: 11989 Dublin Blvd., Dublin

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**CPT-2@75`**	Lab ID:	2005-12-0146 - 2
Sampled:	12/20/2005 15:00	Extracted:	1/3/2006 16:33
Matrix:	Water	QC Batch#:	2006/01/03-1A.65
pH: <2			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	01/03/2006 16:33	
Benzene	ND	0.50	ug/L	1.00	01/03/2006 16:33	
Toluene	ND	0.50	ug/L	1.00	01/03/2006 16:33	
Ethylbenzene	ND	0.50	ug/L	1.00	01/03/2006 16:33	
Total xylenes	ND	1.0	ug/L	1.00	01/03/2006 16:33	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/03/2006 16:33	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	01/03/2006 16:33	
Surrogate(s)						
1,2-Dichloroethane-d4	101.4	72-130	%	1.00	01/03/2006 16:33	
Toluene-d8	89.3	81-114	%	1.00	01/03/2006 16:33	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

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Project: Consultant Project #SJ11-989-1
98995328

Received: 12/21/2005 11:17

Site: 11989 Dublin Blvd., Dublin

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**CPT-3@48`**	Lab ID:	2005-12-0146 - 3
Sampled:	12/20/2005 08:30	Extracted:	1/3/2006 16:59
Matrix:	Water	QC Batch#:	2006/01/03-1A.65
pH: <2			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	01/03/2006 16:59	
Benzene	ND	0.50	ug/L	1.00	01/03/2006 16:59	
Toluene	ND	0.50	ug/L	1.00	01/03/2006 16:59	
Ethylbenzene	ND	0.50	ug/L	1.00	01/03/2006 16:59	
Total xylenes	ND	1.0	ug/L	1.00	01/03/2006 16:59	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/03/2006 16:59	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	01/03/2006 16:59	
Surrogate(s)						
1,2-Dichloroethane-d4	102.0	72-130	%	1.00	01/03/2006 16:59	
Toluene-d8	89.4	81-114	%	1.00	01/03/2006 16:59	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

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San Jose, CA 95119
Phone: (408) 826-1880 Fax: (408) 225-8506

Project: Consultant Project #SJ11-989-1
98995328

Received: 12/21/2005 11:17

Site: 11989 Dublin Blvd., Dublin

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**CPT-3@67`**	Lab ID:	2005-12-0146 - 4
Sampled:	12/20/2005 09:30	Extracted:	1/3/2006 17:25
Matrix:	Water	QC Batch#:	2006/01/03-1A.65
pH: <2			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	01/03/2006 17:25	
Benzene	ND	0.50	ug/L	1.00	01/03/2006 17:25	
Toluene	ND	0.50	ug/L	1.00	01/03/2006 17:25	
Ethylbenzene	ND	0.50	ug/L	1.00	01/03/2006 17:25	
Total xylenes	ND	1.0	ug/L	1.00	01/03/2006 17:25	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/03/2006 17:25	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	01/03/2006 17:25	
Surrogate(s)						
1,2-Dichloroethane-d4	101.8	72-130	%	1.00	01/03/2006 17:25	
Toluene-d8	90.9	81-114	%	1.00	01/03/2006 17:25	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

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175 Bernal Rd., Suite 200
San Jose, CA 95119
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Project: Consultant Project #SJ11-989-1
98995328

Received: 12/21/2005 11:17

Site: 11989 Dublin Blvd., Dublin

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**CPT-5@50`**	Lab ID:	2005-12-0146 - 5
Sampled:	12/19/2005 11:00	Extracted:	12/31/2005 23:52
Matrix:	Water	QC Batch#:	2005/12/31-1A.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	12/31/2005 23:52	
Benzene	ND	0.50	ug/L	1.00	12/31/2005 23:52	
Toluene	ND	0.50	ug/L	1.00	12/31/2005 23:52	
Ethylbenzene	ND	0.50	ug/L	1.00	12/31/2005 23:52	
Total xylenes	ND	1.0	ug/L	1.00	12/31/2005 23:52	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	12/31/2005 23:52	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	12/31/2005 23:52	
Surrogate(s)						
1,2-Dichloroethane-d4	114.7	72-130	%	1.00	12/31/2005 23:52	
Toluene-d8	91.3	81-114	%	1.00	12/31/2005 23:52	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

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Phone: (408) 826-1880 Fax: (408) 225-8506

Project: Consultant Project #SJ11-989-1
98995328

Received: 12/21/2005 11:17

Site: 11989 Dublin Blvd., Dublin

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**CPT-5@60`**	Lab ID:	2005-12-0146 - 6
Sampled:	12/19/2005 11:40	Extracted:	1/1/2006 00:18
Matrix:	Water	QC Batch#:	2005/12/31-1A.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	01/01/2006 00:18	
Benzene	ND	0.50	ug/L	1.00	01/01/2006 00:18	
Toluene	ND	0.50	ug/L	1.00	01/01/2006 00:18	
Ethylbenzene	ND	0.50	ug/L	1.00	01/01/2006 00:18	
Total xylenes	ND	1.0	ug/L	1.00	01/01/2006 00:18	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/01/2006 00:18	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	01/01/2006 00:18	
Surrogate(s)						
1,2-Dichloroethane-d4	117.2	72-130	%	1.00	01/01/2006 00:18	
Toluene-d8	91.9	81-114	%	1.00	01/01/2006 00:18	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

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San Jose, CA 95119
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Project: Consultant Project #SJ11-989-1
98995328

Received: 12/21/2005 11:17

Site: 11989 Dublin Blvd., Dublin

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**CPT-5@75`**	Lab ID:	2005-12-0146 - 7
Sampled:	12/19/2005 12:10	Extracted:	1/1/2006 00:44
Matrix:	Water	QC Batch#:	2005/12/31-1A.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	01/01/2006 00:44	
Benzene	ND	0.50	ug/L	1.00	01/01/2006 00:44	
Toluene	ND	0.50	ug/L	1.00	01/01/2006 00:44	
Ethylbenzene	ND	0.50	ug/L	1.00	01/01/2006 00:44	
Total xylenes	ND	1.0	ug/L	1.00	01/01/2006 00:44	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/01/2006 00:44	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	01/01/2006 00:44	
Surrogate(s)						
1,2-Dichloroethane-d4	119.3	72-130	%	1.00	01/01/2006 00:44	
Toluene-d8	88.9	81-114	%	1.00	01/01/2006 00:44	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

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San Jose, CA 95119
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Project: Consultant Project #SJ11-989-1
98995328

Received: 12/21/2005 11:17

Site: 11989 Dublin Blvd., Dublin

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2005/12/31-1A.65**

MB: 2005/12/31-1A.65-058 — Date Extracted: 12/31/2005 15:58

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	12/31/2005 15:58	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	12/31/2005 15:58	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	12/31/2005 15:58	
Benzene	ND	0.5	ug/L	12/31/2005 15:58	
Toluene	ND	0.5	ug/L	12/31/2005 15:58	
Ethylbenzene	ND	0.5	ug/L	12/31/2005 15:58	
Total xylenes	ND	1.0	ug/L	12/31/2005 15:58	
Surrogates(s)					
1,2-Dichloroethane-d4	100.1	72-130	%	12/31/2005 15:58	
Toluene-d8	89.6	81-114	%	12/31/2005 15:58	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Lee Dooley

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San Jose, CA 95119
Phone: (408) 826-1880 Fax: (408) 225-8506

Project: Consultant Project #SJ11-989-1
98995328

Received: 12/21/2005 11:17

Site: 11989 Dublin Blvd., Dublin

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2006/01/03-1A.65**

MB: 2006/01/03-1A.65-057 — Date Extracted: 01/03/2006 09:57

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	01/03/2006 09:57	
Gasoline [Shell]	ND	50	ug/L	01/03/2006 09:57	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	01/03/2006 09:57	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	01/03/2006 09:57	
Benzene	ND	0.5	ug/L	01/03/2006 09:57	
Toluene	ND	0.5	ug/L	01/03/2006 09:57	
Ethylbenzene	ND	0.5	ug/L	01/03/2006 09:57	
Total xylenes	ND	1.0	ug/L	01/03/2006 09:57	
Surrogates(s)					
1,2-Dichloroethane-d4	105.6	72-130	%	01/03/2006 09:57	
Toluene-d8	90.8	81-114	%	01/03/2006 09:57	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

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Project: Consultant Project #SJ11-989-1
98995328

Received: 12/21/2005 11:17

Site: 11989 Dublin Blvd., Dublin

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/12/31-1A.65**

LCS 2005/12/31-1A.65-006 Extracted: 12/31/2005 Analyzed: 12/31/2005 15:06

LCSD 2005/12/31-1A.65-032 Extracted: 12/31/2005 Analyzed: 12/31/2005 15:32

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	21.1	18.8	25	84.8	75.2	12.0	65-165	20		
Benzene	22.5	20.8	25	90.0	83.2	7.9	69-129	20		
Toluene	23.7	22.0	25	94.8	88.0	7.4	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	493	479	500	98.6	95.8		72-130			
Toluene-d8	446	449	500	89.2	89.8		81-114			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

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San Jose, CA 95119
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Project: Consultant Project #SJ11-989-1
98995328

Received: 12/21/2005 11:17

Site: 11989 Dublin Blvd., Dublin

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2006/01/03-1A.65**

LCS 2006/01/03-1A.65-005 Extracted: 01/03/2006 Analyzed: 01/03/2006 09:05

LCSD 2006/01/03-1A.65-031 Extracted: 01/03/2006 Analyzed: 01/03/2006 09:31

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	24.2	25.3	25	96.8	101.2	4.4	65-165	20		
Benzene	26.2	26.6	25	104.8	106.4	1.5	69-129	20		
Toluene	26.9	27.1	25	107.6	108.4	0.7	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	468	469	500	93.6	93.8		72-130			
Toluene-d8	448	450	500	89.6	90.0		81-114			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Lee Dooley

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San Jose, CA 95119
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Project: Consultant Project #SJ11-989-1
98995328

Received: 12/21/2005 11:17

Site: 11989 Dublin Blvd., Dublin

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/12/31-1A.65**

MS/MSD

Lab ID: 2005-12-0154 - 001

MS: 2005/12/31-1A.65-034 Extracted: 12/31/2005 Analyzed: 12/31/2005 16:34

Dilution: 1.00

MSD: 2005/12/31-1A.65-026 Extracted: 12/31/2005 Analyzed: 12/31/2005 17:00

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	22.5	18.2	ND	25	90.0	72.8	21.1	65-165	20		R1
Benzene	21.1	19.9	ND	25	84.4	79.6	5.9	69-129	20		
Toluene	21.8	20.1	ND	25	87.2	80.4	8.1	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	524	495		500	104.8	99.0		72-130			
Toluene-d8	430	425		500	86.0	85.0		81-114			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Lee Dooley

175 Bernal Rd., Suite 200
San Jose, CA 95119
Phone: (408) 826-1880 Fax: (408) 225-8506

Project: Consultant Project #SJ11-989-1
98995328

Received: 12/21/2005 11:17

Site: 11989 Dublin Blvd., Dublin

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2006/01/03-1A.65**

MS/MSD

Lab ID: 2005-12-0156 - 002

MS: 2006/01/03-1A.65-015 Extracted: 01/03/2006 Analyzed: 01/03/2006 12:15

Dilution: 1.00

MSD: 2006/01/03-1A.65-041 Extracted: 01/03/2006 Analyzed: 01/03/2006 12:41

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	26.7	25.7	1.83	25	99.5	95.5	4.1	65-165	20		
Benzene	27.0	26.3	ND	25	108.0	105.2	2.6	69-129	20		
Toluene	27.0	26.7	ND	25	108.0	106.8	1.1	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	495	470		500	99.0	94.0		72-130			
Toluene-d8	457	440		500	91.4	88.0		81-114			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Lee Dooley

175 Bernal Rd., Suite 200
San Jose, CA 95119
Phone: (408) 826-1880 Fax: (408) 225-8506

Project: Consultant Project #SJ11-989-1
98995328

Received: 12/21/2005 11:17

Site: 11989 Dublin Blvd., Dublin

Legend and Notes

Result Flag

.

-

R1

Analyte RPD was out of QC limits.

STL-San Francisco

EQUIVA Services LLC Chain Of Custody Record

114595

1220 Quarry Lane
Pleasanton, CA
(925)484-1919 (925)484-1096 fax

Equiva Project Manager to be invoiced:
☑ SCIENCE & ENGINEERING ☐ TECHNICAL SERVICES ☐ CRMT HOUSTON
Denis Brown

2005-12-0146

INCIDENT NUMBER (S&E ONLY): 9 8 9 9 5 3 2 8
SAP or CRMT NUMBER (TS/CRMT):

DATE: 12/21/05
PAGE: 1 of 1

SAMPLING COMPANY:	LOG CODE:	SITE ADDRESS (Street and City):	GLOBAL ID NO.:
Delta Environmental Consultants		11989 Dublin Blvd., Dublin	T0600102083

ADDRESS:	EDF DELIVERABLE TO (Responsible Party or Designee)	PHONE NO.:	E-MAIL:	CONSULTANT PROJECT NO.:
175 Bernal Rd #200, San Jose, CA 95119	Justin Link	408-826-1865	jlink@deltaenv.com	SJ11-989-1

PROJECT CONTACT (Hardcopy or PDF Report to):	TELEPHONE:	FAX:	E-MAIL:	SAMPLER NAME(S) (Print):	LAB USE ONLY
Lee Dooley	(408) 224-4724	(408) 225-8506	ldooley@deltaenv.com	Heather Buckingham	

TURNAROUND TIME (BUSINESS DAYS):
☑ 10 DAYS ☐ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

GC/MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES:

CHECK BOX IF EDD IS NEEDED ☑

REQUESTED ANALYSIS

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

TEMPERATURE ON RECEIPT C°: 3°C

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 6ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	Ethanol (8260B)	TBA	EDB & 1,2-DCA (8260B)	EPA 8035 Extraction for Volatiles	VOCs Halogenated/Aromatic (8021B)	TRPH (418.1)	Vapor VOCs BTEX / MTBE (TO-15)	Vapor VOCs Full List (TO-15)	Vapor TPH (ASTM 3416m)	Vapor Fixed Gases (ASTM D1946)	Test for Disposal (4B- _____)	Total Lead 6010B per Shell's Disp. test	TPH - Diesel, Extractable (8015m)	Trihalomethanes	MTBE (8260B) Confirmation, See Note
	CPT-2@68'	12/20/2005	2:20	water	6	X	X		X			X													
	CPT-2@75'	12/20/2005	3:00	water	6	X	X		X			X													
	CPT-3@48'	12/20/2005	8:30	water	5	X	X		X			X													
	CPT-3@67'	12/20/2005	9:30	water	6	X	X		X			X													
	CPT-5@50'	12/19/2005	11:00	water	6	X	X		X			X													
	CPT-5@60'	12/19/2005	11:40	water	6	X	X		X			X													
	CPT-5@75'	12/19/2005	12:10	water	6	X	X		X			X													

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
Heather Buckingham		12/21/05	1117
Relinquished by: (Signature)	Received by: (Signature)	Date	Time
12/21/05		12/21/05	19:00
Relinquished by: (Signature)	Received for: (Signature)	Date	Time

DISTRIBUTION: White with final report, Green to File, Yellow and Pink to Client

10/15/03 Revision

Q&Q Graphic (714) 898-9702

Table 1
Summary of Soil Analytical Data
Shell Service Station
11989 Dublin Blvd.
Dublin, California

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)
Dispenser and Product Line Soil Samples 1997										
P-1	6/17/97	4 to 5	**24**	**97.0**	<0.025	**0.27**	**0.098**	2.5	6.3	NA
P-2	6/17/97	4 to 5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
P-3	6/17/97	4 to 5	<1.0	**1.4**	<0.005	<0.005	<0.005	<0.005	<0.025	NA
P-4	6/17/97	4 to 5	**2**	**160.0**	<0.005	<0.005	<0.005	**0.015**	**0.027**	NA
D-1	6/17/97	4 to 5	<1.0	**9.9**	<0.005	**0.014**	**0.0062**	**0.068**	**0.060**	NA
D-2	6/17/97	4 to 5	**86**	**20.0**	**0.55**	**3.3**	**0.99**	**7.8**	**8.9**	NA
TS-1	6/20/97	4 to 5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-2	6/20/97	4 to 5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-3	6/20/97	4 to 5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-4	6/20/97	4 to 5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-5	6/20/97	4 to 5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-6	6/20/97	4 to 5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-7	6/20/97	4 to 5	**690**	**12,000**	<0.25	<0.25	<0.25	<0.25	<1.2	NA
TS-8	6/20/97	4 to 5	<1.0	**1.3**	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-9	6/20/97	4 to 5	<1.0	**2.2**	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-10	6/20/97	4 to 5	<1.0	**2.6**	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-11	6/20/97	4 to 5	<1.0	**11.0**	<0.005	<0.005	<0.005	<0.005	<0.025	NA
TS-12	6/20/97	4 to 5	<1.0	**3.7**	<0.005	<0.005	<0.005	<0.005	<0.025	NA
Borings by Cambria										
SB-1	11/19/97	10	<1.0	**1.3**	<0.005	<0.005	<0.005	<0.005	<0.025	NA
SB-1	11/19/97	20	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
SB-1	11/19/97	35	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
SB-2	11/19/97	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
SB-2	11/19/97	20	**1.8**	**19**	<0.005	<0.005	<0.005	<0.005	**0.11**	NA
SB-3	11/19/97	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
SB-3	11/19/97	25	**11**	**300**	**0.0051**	**0.18**	<0.005	**0.013**	**0.069**	NA
SB-3	11/19/97	35	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA
SB-4	11/19/97	10	<1.0	**1.8**	<0.005	<0.005	<0.005	<0.005	**0.031**	NA
SB-4	11/19/97	25	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.025	NA

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Shell Service Station
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Dublin, California

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)
Wells by Cambria										
MW-1	11/8/99	5	<0.40	<5	<0.002	<0.002	<0.002	<0.01	<0.002	NA
MW-1	11/8/99	10	<0.40	<5	<0.002	<0.002	<0.002	<0.01	<0.002	NA
MW-1	11/8/99	15	<0.40	<5	<0.002	<0.002	<0.002	<0.01	<0.002	NA
MW-1	11/8/99	20	<0.40	<5	<0.002	<0.002	<0.002	<0.01	<0.002	NA
MW-2	11/8/99	10.5	<0.80	<5	<0.004	<0.004	<0.004	<0.008	<0.002	NA
MW-2	11/8/99	15.5	<0.80	<5	<0.004	<0.004	<0.004	<0.008	<0.002	NA
MW-2	11/8/99	20.5	<0.80	<5	<0.004	<0.004	<0.004	<0.008	<0.002	NA
MW-2	11/8/99	25.5	<0.80	**103**	<0.004	<0.004	<0.004	<0.008	**1.28**	NA
MW-2	11/8/99	30.5	<0.80	<5	<0.004	<0.004	<0.004	<0.008	**1.76**	NA
MW-3	11/8/99	10.5	<0.80	<5	<0.004	<0.004	<0.004	<0.008	<0.002	NA
MW-3	11/8/99	15.5	<0.80	<5	<0.004	<0.004	<0.004	<0.008	<0.002	NA
MW-3	11/8/99	20.5	<0.80	<5	<0.004	<0.004	<0.004	<0.008	<0.002	NA
MW-3	11/8/99	25.5	**4.1**	**35.2**	<0.004	<0.004	<0.004	<0.008	**0.0597**	NA
MW-3	11/8/99	30.5	**1.39**	<5	<0.004	<0.004	<0.004	<0.008	**0.063**	NA
MW-4	7/26/01	25.5	<1.0	NA	<0.005	<0.005	<0.005	<0.005	<0.005	NA
Off-Site Soil Borings by Cambria										
SB-1	4/1/03	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-1	4/2/03	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-1	4/3/03	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-1	4/4/03	20	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-1	4/5/03	25	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-1	4/6/03	30	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-1	4/7/03	35	**7.0**	<1.0	<0.005	<0.005	<0.005	<0.005	**0.0099**	NA
SB-2	4/8/03	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-2	4/9/03	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-2	4/10/03	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-2	4/11/03	20	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-2	4/12/03	25	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-2	4/13/03	30	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-2	4/14/03	35	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	**0.250**	NA
SB-3	4/15/03	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-3	4/16/03	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA

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Shell Service Station
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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)
SB-3	4/17/03	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-3	4/18/03	20	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-3	4/19/03	25	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
SB-3	4/19/03	30	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	NA
On-Site Borings by Delta - Pre UST Removal										
B-1@10'	7/11/05	10	<1.0	**1.5**	<0.0050	<0.0050	<0.0050	<0.0050	**0.011**	<0.010
B-2@20'	7/11/05	20	<1.0	NA	<0.0050	<0.0050	<0.0050	<0.0050	**0.017**	NA
B-4@5'	7/8/05	5	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
B-4@15'	7/11/05	15	<5.0	**2.3**	<0.025	<0.025	<0.025	<0.025	**0.29**	**0.55**
B-4@20'	7/11/05	20	<1.0	**15**	<0.0050	<0.0050	<0.0050	<0.0050	**0.0052**	**2.5**
B-5@15'	7/11/05	15	<4.8	NA	<0.024	<0.024	<0.024	<0.024	**0.47**	NA
B-5@20'	7/11/05	20	<1.0	NA	<0.0050	<0.0050	<0.0050	<0.0050	**0.017**	NA
Fuel UST Pit Samples										
T-1@15'	8/18/05	15	<5.0	<1.0	<0.025	<0.025	<0.025	<0.025	<0.025	**11**
T-2@15'	8/18/05	15	<5.0	<1.0	<0.025	<0.025	<0.025	<0.025	<0.025	**7.5**
T-3@15'	8/18/05	15	<50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	**3.1**
T-4@15'	8/18/05	15	<50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	**5.9**
T-5@15'	8/18/05	15	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	**0.013**	**1.4**
T-6@15'	8/18/05	15	<50	**7.2**	<0.50	<0.50	<0.50	<0.50	<0.50	**12**
T-7@15'	8/18/05	15	**2,400**	**48**	<2.5	<2.5	**9.3**	**11**	<2.5	**21**
T-8@15'	8/18/05	15	**4,600**	**700**	<2.5	<2.5	**8.8**	**45**	<2.5	**16**
T-2@19'	8/18/05	19	<50	**1.4**	<0.50	<0.50	<0.50	<0.50	<0.50	**3.8**
T-3@17'	8/18/05	17	<50	**21**	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
T-5@17'	8/18/05	17	<50	<1.0	<0.50	<0.50	<0.50	**0.68**	<0.50	<2.5
T-8@20'	8/18/05	20	<50	**5.3**	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
Dispenser Samples										
S-1@3'	8/18/05	3	<1.0	**17**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-2@3'	8/18/05	3	<1.0	**25**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-4@3.5'	8/18/05	3.5	<1.0	**46**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-6@4'	8/18/05	4	<1.0	**28**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010

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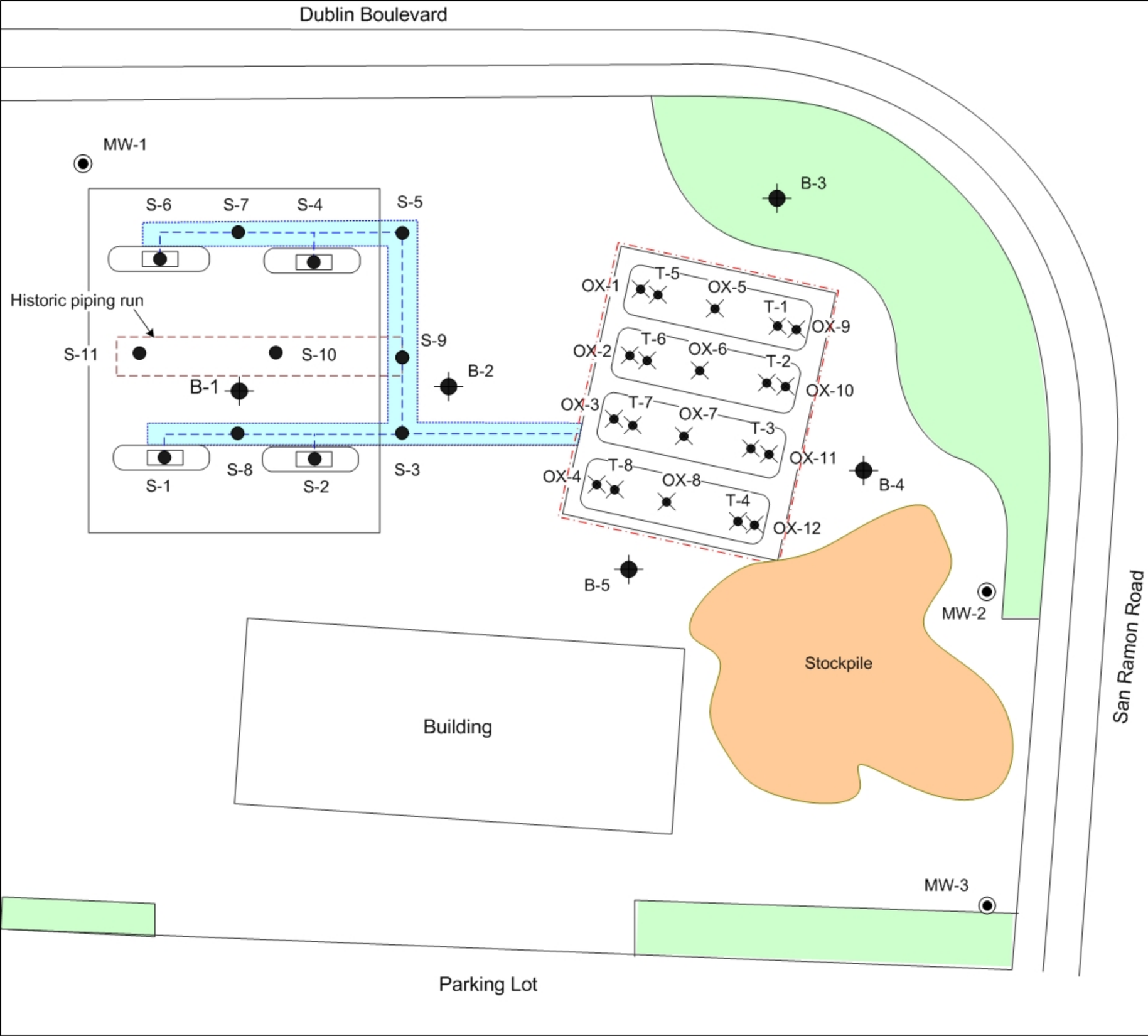
Producting Piping Samples										
S-3@4'	8/18/05	4	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-5@4.5'	8/18/05	4.5	<1.0	**1.3**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-7@3'	8/18/05	3	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-8@4'	8/18/05	4	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-9@4'	9/26/05	4	<1.0	**4.4**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-10@42"	9/27/05	3.5	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
S-11@39"	9/27/05	3.25	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010
Over Excavation Samples										
OX-1@22'	8/25/05	22	<4.7	**41**	<0.024	<0.024	<0.024	<0.024	<0.024	<0.047
OX-2@22'	8/25/05	22.5	**2.2**	**32**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.018**
OX-3@22'	8/25/05	22	**2.3**	**2.3**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.031**
OX-4@22'	8/25/05	22	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.081**
OX-5@20'	8/26/05	20	<6.0	<1.0	<0.023	<0.023	<0.023	<0.023	<0.023	**0.10**
OX-6@20'	8/26/05	20	<4.6	<1.0	<0.023	<0.023	<0.023	<0.023	<0.023	**0.38**
OX-7@20'	8/26/05	20	**420**	**6.9**	<0.50	<0.50	**1.4**	<0.50	**0.59**	**6**
OX-8@20'	8/26/05	20	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	**0.012**	**0.91**
OX-9@20'	8/30/05	20	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.17**
OX-10@20'	8/30/05	20	<50	**12**	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
OX-11@20'	8/30/05	20	<50	**600**	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
OX-11@22'	8/30/05	22	**190**	**100**	<0.50	<0.50	**1**	<0.50	<0.50	<2.5
OX-11@24.5'	8/30/05	24.5	**340**	**240**	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
OX-12@20'	8/30/05	20	<50	**79**	<0.50	<0.50	<0.50	<0.50	<0.50	**2.8**
OX-12@22'	8/30/05	22	<50	**51**	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
Direct Push Boring by Delta										
GP-3	11/4/05	9	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010
GP-3	11/4/05	14	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010
GP-3	11/4/05	19	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010
GP-3	11/4/05	24	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010

Table 1
Summary of Soil Analytical Data
Shell Service Station
11989 Dublin Blvd.
Dublin, California

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)

Notes:
mg/kg = milligrams per kilogram
TPH-G = Total petroleum hydrocarbons as gasolin
MTBE = Methyl tert-butyl ether
TBA = tert-Butyl alchohol
NA = not analyzed
NM = not measured



LEGEND

- MW-2 — GROUNDWATER MONITORING WELL
- B-3 — SOIL BORING LOCATION
- S-5 — DISPENSER PIPING SOIL SAMPLE LOCATION
- OX-9 — OVER-EXCAVATION SOIL SAMPLE LOCATION
- SHORING
- DISPENSER PIPING AND TRENCHES

SAMPLE ID	PID (ppmv)
OX-2	6.4
OX-3	8.2
OX-4	29.3
OX-5	7.3
OX-6	14.6
OX-7	218
OX-8	6.9
OX-9	3.8
OX-10	60.2
OX-11@20'	539
OX-11@22'	568
OX-11@24.5'	810
OX-12@20'	164
OX-12@22'	155

North

0 — 60 FT

APPROX. SCALE

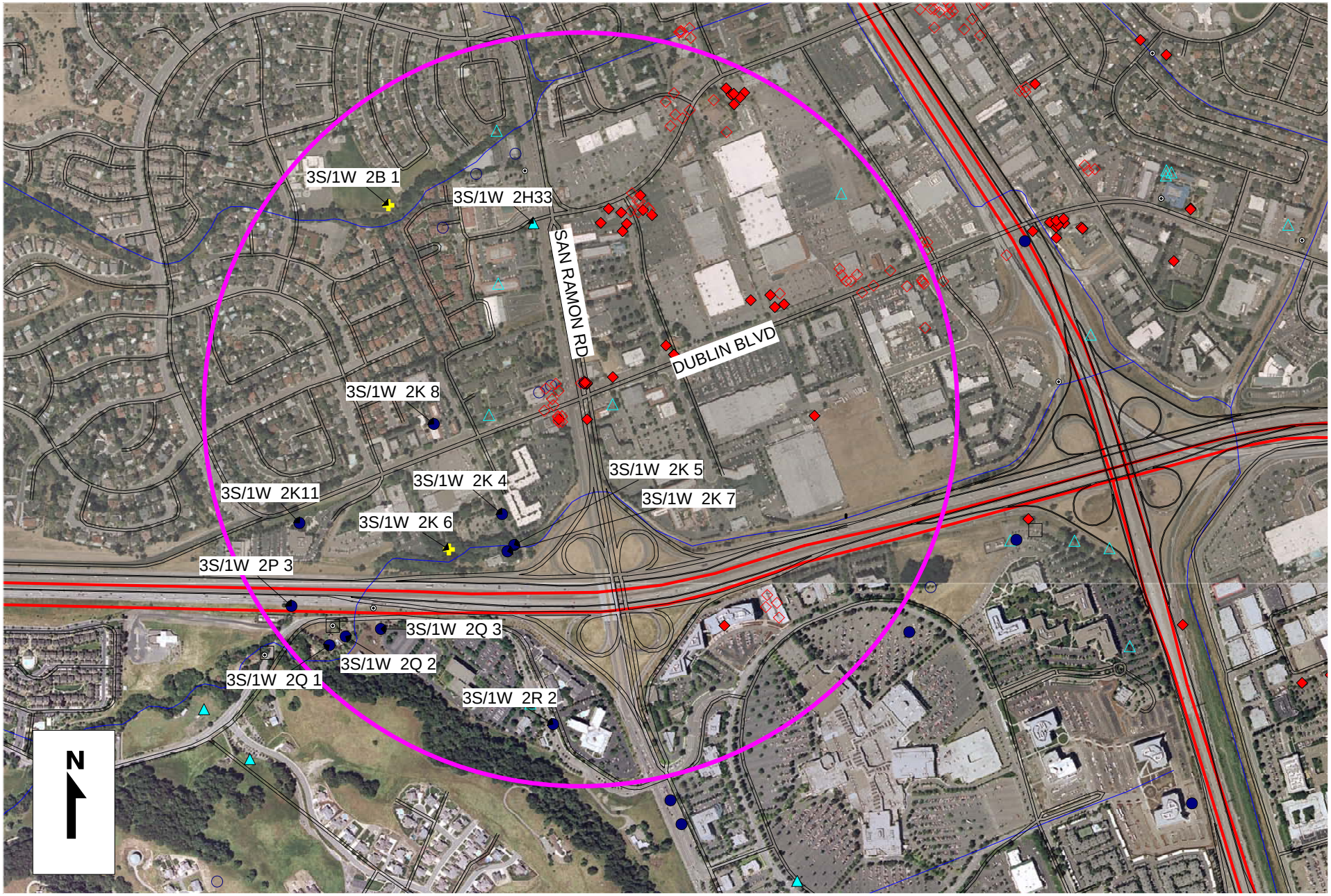
FIGURE 2

SOIL SAMPLING LOCATION MAP

SHELL-BRANDED SERVICE STATION
11989 Dublin Blvd.
Dublin, California

PROJECT NO. SJ11-989-1.2005	DRAWN BY JL 10/07/05
FILE NO. SJ11-989-1.2005	PREPARED BY JL
REVISION NO. 5	REVIEWED BY

Delta Environmental Consultants, Inc.



ZONE 7 WATER AGENCY

100 NORTH CANYONS PARKWAY
LIVERMORE, CA 94551

WELL LOCATION MAP

SCALE: 1 in = 1000 ft

RADIUS = 1/2 mi

11989 DUBLIN BLVD

H:\FLOOD\REFERALLS\REFERALLS.WOR

North

Petsmart

Chevron Service Station
7007 San Ramon Road

LEGEND

- MW-1 — **GROUNDWATER MONITORING WELL**
- MW-6 — **PROPOSED GROUNDWATER MONITORING WELL LOCATION**
- CPT-1 — **PROPOSED CPT SAMPLING LOCATION**
- GP-1 — **PROPOSED GEOPROBE SOIL BORING**
- SB-4 — **SOIL BORING LOCATION (11/16/97)**
- SB-2 — **SOIL BORING LOCATION (8/5/98)**
- SB-2 — **SOIL BORING LOCATION (APRIL 2003)**
- B-1 — **SOIL BORING LOCATION (07/11/05)**
- A A' — **GEOLOGIC CROSS SECTION**

Dublin Boulevard

MW-1 SB-1 B-3 B-2 B-1 SB-2 CPT-4 B-4 CPT-1 A SB-4 SB-3 B-5 SB-1 MW-2 Building SB-2 MW-3 Parking Lot GP-3

San Ramon Road

MW-4 CPT-5 A' SB-3 CPT-2 Hooters Restaurant SB-1 MW-5 MW-7 CPT-3 SB-2 CPT-6 Office Building Parking MW-6

Breuner's Furniture
(closed)

Parking

Groundwater
Flow Direction

0 60 FT

APPROX. SCALE

FIGURE 2

BORING AND WELL LOCATION MAP

SHELL-BRANDED SERVICE STATION
11989 Dublin Blvd.
Dublin, California

PROJECT NO. SJ11-989-1.2006	DRAWN BY JL 02/08/06
FILE NO. SJ11-989-1.2006	PREPARED BY JL
REVISION NO. 1	REVIEWED BY

Delta Environmental Consultants, Inc.

FIELD METHODS

11989 Dublin Boulevard
Dublin, California

Proposed Installation of Groundwater Monitoring Wells MW-6 and MW-7

Delta proposes to install an additional groundwater well in order to monitor the downgradient extent of the MTBE and TBA in first encountered groundwater. The new well (MW-6) will be installed along the eastern boundary of the property located at 7950 Dublin Boulevard. The well will be installed using hollow-stem auger drilling equipment provided by Gregg Drilling (License C57- 485165). Soil samples will be collected every 5 feet from the ground surface to the total depth of the boring for the well installation (approximately 30 feet bg) for soil classification. The well will be constructed of 2-inch diameter PVC casing and well screens. Delta anticipates constructing the well with screens from 20 to 30 feet bg.

Delta proposes to install Well MW-7 in order to monitor the groundwater found in the sand zone located between approximately 60 and 75 feet bg. Well MW-7 will be installed along the western boundary of the Hooters Restaurant property. The well will be installed using hollow-stem auger drilling equipment provided by Gregg Drilling (License C57- 485165). Soil samples will be collected every 5 feet from the ground surface to the total depth of the boring for the well installation (approximately 70 feet bg) for soil classification. The well will be constructed of 2-inch diameter PVC casing and well screens. Delta anticipates constructing the well with screens from 60 to 70 feet bg.

The wells will be developed by cycles of surging followed by pumping until clear water is obtained. The well will be sampled by Blaine Tech Services (Blaine) a minimum of 24 hours after development. The location and top of casing elevation of the well will be established by a California licensed surveyor. The groundwater sample from the wells will be analyzed for TPH-G, TPH-D, BTEX compounds, and fuel oxygenates MTBE and TBA. All analyses, with the exception of TPH-D, will be performed by EPA Method 8260B. Analysis for TPH-D will be performed by EPA Method 8015M. After initial sampling, the new wells will be added to the quarterly groundwater monitoring program that is already in place.