Shell Oil Products US

August 24, 2006

Re: **Shell-branded Service Station**
11989 Dublin Boulevard
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
Sr. Environmental Engineer

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

Delta
Environmental
Consultants, Inc.

Solving environment-related business problems worldwide

www.deltaenv.com

175 Bernal Road • Suite 200
San Jose, California 95119 USA

800.477.7411
Fax 408.225.8506

August 24, 2006
Project SJ11-989-1
SAP No. 135243

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

Re: Off-Site Well Installation Report
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, California

Dear Mr. Wickham:

Delta Environmental Consultants, Inc. (Delta), on behalf of Shell Oil Products US (Shell), presents the following well installation report for the site referenced above (Figure 1). Delta proposed the installation of two groundwater monitoring wells (MW-6 and MW-7) in the report titled "Initial Site Conceptual Model (February 2006)" dated February 21, 2006. The well installations were subsequently approved by the Alameda County Health Care Services Agency (ACHCSA) in a letter to Shell dated April 11, 2006. The purpose of Well MW-6 is to provide an additional monitoring point downgradient of the site and the purpose of Well MW-7 is to monitor the deeper 60-foot groundwater bearing zone.

BACKGROUND

The subject property is located on the southwest corner of the intersection of Dublin Boulevard and San Ramon Road in Dublin, California (Figure 2). The property is currently the site of an active Shell-branded service station.

The Shell service station has three gasoline underground storage tanks (USTs), one diesel UST, and four fuel dispenser islands (Figure 2). The site is located in a commercial area with retail businesses adjacent to the station.

Site assessment activities began in 1997 and are summarized in the table below.

Date	Activity	Reference Document
May and June 1997	Soil sampling was performed beneath dispensers and piping. TPPH and TEPH were detected at 690 mg/kg and 12,000 mg/kg, respectively, adjacent to southwest dispenser. MTBE was detected at 8.9 mg/kg.	Cambria, *Stockpile, Piping, and Dispenser Soil Sampling Report*, August 4, 1997.
November 1997	Four soil borings (SB-1 through SB-4) were drilled adjacent to pump islands. Depth of borings ranged from 31 to 41 feet bg. Groundwater was encountered in only one boring (SB-2) at 22 feet bg. TPH-G and TPH-D were detected in soil at maximum concentrations of 11 mg/kg and 300 mg/kg, respectively. MTBE was detected in soil at maximum concentration of 0.11 mg/kg. MTBE was detected in the groundwater sample from boring SB-2 at 370 ug/l.	Cambria, *Subsurface Investigation Report*, February 24, 1998.
August 1998	Two soil borings (SB-1 and SB-2) were drilled southwest of fuel USTs. Borings were drilled to 30 feet bg. Groundwater was encountered in both borings at 25 feet bg. TPPH and TEPH were detected in groundwater at 140,000 ug/l and 54,000 ug/l, respectively in the groundwater sample from boring SB-1. MTBE was detected in the groundwater sample from boring SB-1 at 16,000 ug/l.	Cambria, *Secondary Subsurface Investigation Report*, February 3, 1999.
June 1999	Installation of three on-site groundwater monitoring wells (MW-1, MW-2, and MW-3). TPPH, TEPH, and MTBE were detected in groundwater at maximum concentrations of 2,600 ug/l, 699 ug/l, and 9,370 ug/l, respectively (Well MW-2).	Cambria, *Well Installation Report,* February 29, 2000.
January 2000	Quarterly groundwater sampling event. Groundwater flow direction was to the east. MTBE was detected in Well MW-2 at 13,400 ug/l downgradient of site USTs.	Cambria, *First Quarter 2000 Monitoring Report*, March 29, 2000.
October 2000	Potential Receptor Survey and Conduit Study. No municipal water supply wells identified within ½ mile of the site. One domestic water supply well was identified approximately 800 feet west (upgradient) of the site.	Cambria, *Potential Receptor Survey and Conduit Study*, November 8, 2000.
July 2001	Installation of off-site downgradient groundwater monitoring well MW-4. A groundwater sample collected from Well MW-4 on August 13, 2001 contained TPPH at 2,400 ug/l and MTBE at 8,300 ug/l .	Cambria, *Offsite Monitoring Well Installation Report and Site Conceptual Model*, September 26, 2001.

Date	Activity	Reference Document
April 2003	Three off-site soil borings (SB-1 through SB-3) were drilled downgradient (east) of Well MW-4. Borings SB-1 and SB-2 were drilled to 36 bg. Boring SB-3 was drilled to 32 feet bg. Groundwater was encountered in borings at depths ranging from 27 to 31 feet bg. TPH-G and MTBE were detected in the groundwater sample from the farthest downgradient boring (SB-1) at 100 ug/l and 38 ug/l, respectively	Cambria, *Subsurface Investigation and Groundwater Monitoring Report* – Second Quarter 2003, June 19, 2003.
October 2004	UST failed tightness test. UST emptied on October 26, 2004.	Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report dated 11/3/04
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-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.	Delta, *Underground Storage Tank, Product Piping, and Dispenser Removals Report*, October 25, 2005
August 2005	Delta collected soil samples from beneath the four former fuel USTs, beneath former fuel dispensers, and in former product piping trenches. The highest concentrations of petroleum hydrocarbons and TBA were detected in soil samples from the southwest corner of the excavation. MTBE was detected in only one sample (0.013 mg/kg). The maximum concentration of TPH-G and TBA were 4,600 and 21 mg/kg.	Delta, *Underground Storage Tank, Product Piping, and Dispenser Removals Report*, October 25, 2005
August 2005	Approximately 1,000 cubic yards of soil were removed and transported to Forward Landfill in Stockton, California for disposal. The highest concentrations of TPH-G and TBA were detected in a confirmation from the base of the central portion of the UST pit.	Delta, *Underground Storage Tank, Product Piping, and Dispenser Removals Report*, October 25, 2005
November and December 2005	Well MW-5 was installed east of San Ramon Road, downgradient of the methyl tert-butyl ether (MTBE) and tert-butanol (TBA) plume. Delta collected seven groundwater samples from the second groundwater zone below a depth of 60 feet bg using CPT sampling equipment. TPH-G, MTBE, and TBA were not detected in any of the seven samples. Boring GP-3 was advanced to a depth of 24 feet bg at the adjacent property to the south of the site. All analytes were below the laboratory reporting limits in all soil samples collected from GP-3. TPH-D was detected at a concentration of 130 ug/l in the grab groundwater sample, however, the hydrocarbon reported did not match the laboratory's standard pattern.	Delta, *Initial Site Conceptual Model (February 2006)*, February 21, 2006

Notes : bg = below grade
Cambria = Cambria Environmental Technology, Inc.
ug/l = micrograms per liter
mg/kg = milligrams per kilogram
MTBE = methyl tert-butyl ether
TBA = tertiary butyl alcohol
TPPH = total purgeable petroleum hydrocarbons
TEPH = total extractable petroleum hydrocarbons
TPH-G = total petroleum hydrocarbons as gasoline
TPH-D = total petroleum hydrocarbons as diesel

INSTALLATION, DEVELOPMENT, AND SAMPLING – WELLS MW-6 AND MW-7

The following sections describe the installation, development, and sampling of Well MW-6 and MW-7.

WELL INSTALLATION

On June 31 and July 3, 2006, Delta supervised the drilling and installation of Wells MW-6 and MW-7 by Gregg Drilling and Testing, Inc. (Gregg) (C57-485165). The wells were installed under permit from the Alameda County Zone 7 Water Resources Management (Zone 7). Copies of the well permits are provided as Attachment A. The proposed boring locations for Wells MW-6 and MW-7 were surveyed for possible underground utilities by a private locating firm and Underground Service Alert (USA). Prior to drilling, the boring was excavated with air-vac equipment to a depth of approximately 7 feet bg in order to minimize the risk of damaging shallow underground utilities.

Well MW-6 was installed using 8-inch hollow stem augers along the eastern boundary of the property located at 7950 Dublin Boulevard in order to monitor the downgradient extent of the MTBE and TBA in first encountered groundwater (Figure 2). Soil samples for borehole logging were collected at 5-foot intervals between 10 feet and 30 feet bg with a split spoon sampler fitted with three, 6-inch steel rings. A Delta field geologist carefully examined the soil samples as they were collected. Soils were classified based on the Unified Soil Classification System using the American Society for Testing and Materials (ASTM) Method D-2487 published in May 2000. The boring log, including well construction details is included at Attachment B.

The boring for Well MW-6 was converted to a groundwater well by the insertion of 2-inch diameter, schedule 40 polyvinylchloride (PVC) casing. The well was constructed to a depth of 30 feet bg similar to site wells. The well was screened with a 0.020-inch manufactured well screen between 20 feet and 30 feet bg. A 2/12 sand pack was installed from the bottom of the boring to approximately 2 feet above the top of the well screen. Two feet of bentonite was then placed above the sand pack, and a cement grout seal was placed to approximately 1 foot bg. A traffic-rated vault box was constructed flush to the ground surface over the well.

A second sand layer was identified by cone penetration testing (CPT) borings, drilled in November and December 2005, at a depth of approximately 60 feet bg. Well MW-7 was installed in this second sand layer, downgradient of the site. The well was installed using 10-inch hollow stem augers to monitor the groundwater found in the sand located between approximately 60 and 75 feet bg. Soil samples for borehole

logging were collected at 5-foot intervals between 10 feet and 70 feet bg with a split spoon sampler fitted with three, 6-inch steel rings. A Delta field geologist carefully examined the soil samples as they were collected. Soils were classified based on the Unified Soil Classification System using the American Society for Testing and Materials (ASTM) Method D-2487 published in May 2000. The boring log, including well construction details is included at Attachment B.

The boring for Well MW-7 was converted to a groundwater well by the insertion of 4-inch diameter, schedule 40 polyvinylchloride (PVC) casing. The well was constructed to a depth of 70 feet bg. The well was screened with a 0.020-inch manufactured well screen between 60 feet and 70 feet bg. A 2/12 sand pack was installed from the bottom of the boring to approximately 2 feet above the top of the well screen. Two feet of bentonite was then placed above the sand pack, and a cement grout seal was placed to approximately 1 foot bg. A traffic-rated vault box was constructed flush to the ground surface over the well.

On July 20, 2006, Mid Coast Engineers performed a location and elevation survey of Wells MW-6 and MW-7. The survey results are included as Attachment C and will be uploaded into the California Water Resources Control Board Geotracker data base.

WELL DEVELOPMENT AND SAMPLING

On July 21, 2006, Blaine Tech Services (Blaine) developed the Wells MW-6 and MW-7 utilizing a surge block and positive air displacement pump to remove silt and water from the well. Purge water was transported off site for disposal at the Shell refinery in Martinez, California. Well Development Data Sheets are included in Attachment D.

On July 26, 2006, Blaine gauged depth to water and sampled all site wells as part of the Quarterly Monitoring Program. Groundwater samples were analyzed for total purgeable petroleum hydrocarbons as gasoline (TPH-G); benzene, toluene, ethylbenzene, and total xylenes (BTEX compounds); fuel oxygenates MTBE, di-isporopyl ether (DIPE), ethyl tert-butyl ether (ETBE), tert-amyl methyl ether (TAME), and TBA by US EPA Method 8260B. Blaine's well gauging data sheets, well purge data sheets, laboratory certified analytical reports, and chain of custody documentation are included as part of Attachment D. Delta will prepare a separate Third Quarter 2006 groundwater monitoring report.

RESULTS

The boring for Well MW-6 encountered sandy clay and clays to total depth of 30 feet bg similar to previous site borings. The boring for Well MW-7 encountered clays and silty sand to a depth of approximately 60 feet bg underlain by sand to the total depth of 70 feet bg. First groundwater was detected in both borings at a depth of approximately 25 feet bg. Second groundwater was encountered in Well MW-7 at a depth of approximately 59 feet bg.

On July 26, 2006, depth to groundwater in Wells MW-6 and MW-7 was 25.45 feet and 30.53 feet below the top of casing, respectively. All analytes were below the laboratory reporting limits for the groundwater samples collected on July 26, 2006.

CONCLUSIONS AND RECOMMENDATIONS

Well MW-6 appears to be located beyond the downgradient edge of the MTBE and TBA groundwater plume and provides a sampling point with which to monitor the stability of the plume. Well MW-7 is screened within a deeper groundwater zone and will monitor the vertical stability of the plume. Delta recommends Wells MW-6 and MW-7 to be added to the quarterly groundwater monitoring program for the site. Assessment of the MTBE and TBA plume is deemed complete.

This document and its Attachments will be added to the ACHCSA electronic Site Conceptual Model.

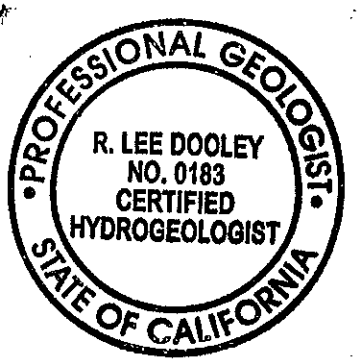
REMARKS

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

If you have any questions or comments regarding this report, please do not hesitate to contact Mr. Lee Dooley (Delta) at (408) 826-1880 or Mr. Denis Brown at (707) 865-0251.

Sincerely,
Delta Environmental Consultants, Inc

Heather Buckingham
Senior Staff Geologist



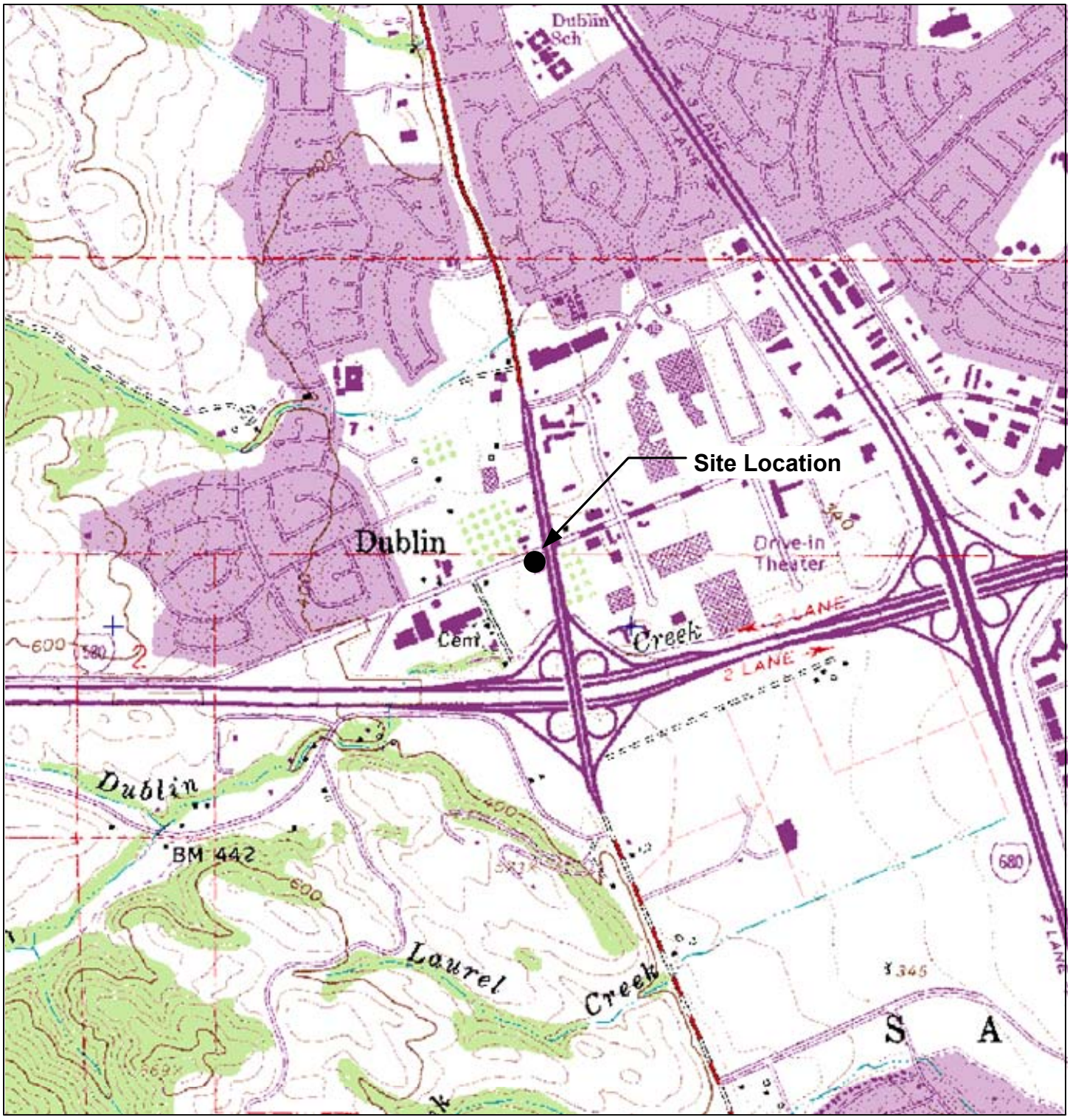
R. Lee Dooley, CHG 183
Senior Hydrogeologist

Attachments:
Table 1 – Summary of Groundwater Analytical Data
Figure 1 – Site Location Map
Figure 2 – Groundwater Monitoring Well Location Map

Attachment A – Zone 7 Well Construction Permits
Attachment B – Boring Logs
Attachment C – Well Location and Elevation Survey Report (Mid Coast Engineers)
Attachment D – Blaine Tech Services Report, Third Quarter 2006

cc: Denis Brown, Shell Oil Products US, Carson CA
Matt Katen, Zone 7 Water District, Livermore

FIGURES



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

North

QUADRANGLE LOCATION

0 1,800 3,600
Scale, Feet

FIGURE 1
SITE LOCATION MAP

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

PROJECT NO. SJ11-989-1.2006	DRAWN BY VF 10/22/03
FILE NO. SJ11-989-1.2006	PREPARED BY VF
REVISION NO.	REVIEWED BY

Delta Environmental Consultants, Inc.

North

Petsmart

Chevron Service Station
7007 San Ramon Road

LEGEND

MW-1	◉	**GROUNDWATER MONITORING WELL**
CPT-1	⊞	**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)**

Dublin Boulevard

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

CPT-5
MW-4
SB-3
CPT-2
Hooters Restaurant
SB-1
MW-5
MW-7
CPT-3
SB-2
CPT-6
Breuner's Furniture
(closed)
Parking
Parking
MW-6
7950 Dublin Blvd
Office Building

San Ramon Road

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 BH 8/21/06
FILE NO. SJ11-989-1.2006	PREPARED BY JL
REVISION NO. 1	REVIEWED BY

Delta Environmental Consultants, Inc.

ATTACHMENT A

ZONE 7 WELL CONSTRUCTION PERMIT

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

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

APPLICANT
Name Delta Environmental Consultants
Attn: Rebecca Wolff Fax (408) 225-8506
Address 175 Bernal Rd, Ste 200 Phone (408) 826-1868
City San Jose Zip 95119

TYPE OF PROJECT:

Well Construction	X	Geotechnical Investigation	☐
Well Destruction	☐	Contamination Investigation	X
Cathodic Protection	☐	Other _____	☐

PROPOSED WELL USE:

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

DRILLING METHOD:

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

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

WELL SPECIFICATIONS:
Drill Hole Diameter 8" in. Maximum Depth 30 ft. ft.
Casing Diameter 2" in.
Surface Seal Depth 20 ft. Number MW-7

SOIL BORINGS:
Number of Borings _____ Maximum
Hole Diameter _____ in. Depth _____ ft.

ESTIMATED STARTING DATE 6/28/06
ESTIMATED COMPLETION DATE 7/3/06

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

APPLICANT'S SIGNATURE Rebecca Wolff Date 6-14-06

ATTACH SITE PLAN OR SKETCH

FOR OFFICE USE

PERMIT NUMBER 26105
WELL NUMBER 3S/1W-2J10
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 diameter is four inches greater than the well casing diameter.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.
3. Grout placed by tremie.
4. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
5. A sample port is required on the discharge pipe near the wellhead.

(C.) GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal diameter is four inches greater than the well or piezometer casing diameter.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
3. Grout placed by tremie.

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

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

F. WELL DESTRUCTION. See attached.

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

Approved Wyman Hong Date 6/26/06
Wyman Hong

P:\WRE\WYMAN\drilling permit.wpd

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

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

APPLICANT
Name Delta Environmental Consultants
Attn: Rebecca Wolff Fax (408)225-8506
Address 175 Bernal Rd, Ste 200 Phone (408)826-1868
City San Jose Zip 95119

TYPE OF PROJECT:
Well Construction ☒ Geotechnical Investigation ☐
Well Destruction ☐ Contamination Investigation ☒
Cathodic Protection ☐ Other _____ ☐

PROPOSED WELL USE:
Domestic ☐ Irrigation ☐
Municipal ☐ Remediation ☐
Industrial ☐ Groundwater Monitoring ☒
Dewatering ☐ 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. C57-485165

WELL SPECIFICATIONS:
Drill Hole Diameter 8" in. Maximum
Casing Diameter 2" in. Depth 70 ft.
Surface Seal Depth 60 ft. Number MW-6

SOIL BORINGS:
Number of Borings _____ Maximum
Hole Diameter _____ in. Depth _____ ft.

ESTIMATED STARTING DATE 6-28-06
ESTIMATED COMPLETION DATE 7-3-06

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

APPLICANT'S SIGNATURE Rebecca Wolff Date 6-14-06

ATTACH SITE PLAN OR SKETCH

FOR OFFICE USE

PERMIT NUMBER 26104
WELL NUMBER 3S/1W-2J9
APN 941-1500-036-02

PERMIT CONDITIONS

Circled Permit Requirements Appiy

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

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

(C.) GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal diameter is four inches greater than the well or piezometer casing diameter.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
3. Grout placed by tremie.

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

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

F. WELL DESTRUCTION. See attached.

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

Approved Wyman Hong Date 6/26/06
Wyman Hong

P:\WRE\WYMAN\drilling permit.wpd

Revised: April 27, 2005

ATTACHMENT B

BORING LOGS

Delta

Environmental Consultants, Inc.

Project No: SJ11-989-1	Client: Shell	MW-6	
Logged By: Heather Buckingham	Location: 7950 Dublin Blvd., Dublin, CA	Page 1 of 2	
Driller: Gregg Drilling and Testing	Date Drilled: 06/30/06	Location Map	
Drilling Method: HAS	Hole Diameter: 8"	**See Site Map**	
Sampling Method: Splitspoon	Hole Depth: 30'		
Casing Type: Sch 40 PVC	Well Diameter: 2"		
Slot Size: 0.010	Well Depth: 30'		
Gravel Pack: 2/12 sand	Casing Stickup:		
Elevation	Northing	Easting	

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout					1				**Asphalt.**
		damp	0.1	Air Knife	2			CL	**Sandy Lean CLAY**; dark brown to black; 30-40% medium to fine sand; medium to high plasticity; less than 10% silt.
					3				
					4				As above; brown; medium plasticity.
		damp	0.1		5				
					6				
					7				
					8				
		damp		4 7 7	9				As above; trace coarse sand.
					10				
					11				
					12				
					13				
		damp		7 12 12	14				As above; no trace coarse grained sand.
					15				
Bentonite					16				
					17				
					18				
Sand		damp		6 6 16	19			CL	**Lean CLAY with Sand**; medium brown; 10-20% fine sand; medium plasticity.
					20				
					21				
					22				

Delta

Environmental Consultants, Inc.

Project No: SJ11-989-1	Client: Shell	MW-6	
Logged By: Heather Buckingham	Location: 7950 Dublin Blvd., Dublin, CA	Page 2 of 2	
Driller: Gregg Drilling and Testing	Date Drilled: 06/30/06	Location Map	
Drilling Method: HAS	Hole Diameter: 8"	**See Site Map**	
Sampling Method: Splitspoon	Hole Depth: 30'		
Casing Type: Sch 40 PVC	Well Diameter: 2"		
Slot Size: 0.010	Well Depth: 30'		
Gravel Pack: 2/12 sand	Casing Stickup:		
Elevation	Northing	Easting	

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Sand		moist		5 6 7	23 24 25			CL	**Lean CLAY**; medium brown; medium to high plasticity; trace coarse grained sand.
					26 27 28				.
		wet		10 11 11	29 30			SC CL	**Clayey Sand**; gray; 25-35% clay; 65-75% fine poorly graded sand. **Lean CLAY**; medium brown; medium to high plasticity; trace coarse grained sand.
					31				**Bottom of boring at 30 feet.**

Delta

Environmental Consultants, Inc.

Project No: SJ11-989-1	Client: Shell	MW-7
Logged By: Rebecca Wolff	Location: 7944 Dublin Blvd., Dublin, CA	Page 1 of 4
Driller: Gregg Drilling and Testing	Date Drilled: 07/03/06	Location Map
Drilling Method: HAS	Hole Diameter: 10"	**See Site Map**
Sampling Method: Splitspoon	Hole Depth: 70'	
Casing Type: Sch 40 PVC	Well Diameter: 4"	
Slot Size: 0.010	Well Depth: 70'	
Gravel Pack: 2/12 sand	Casing Stickup:	
Elevation	Northing	Easting

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout					1				**Asphalt.**
					2			CL	**Sandy Lean CLAY**; dark brown to black; 30-40% medium to fine sand.
				Air Knife	3				
					4				As above; brown; medium plasticity.
					5				
					6				
					7				
					8				
		damp	0.1	10 10 10	9			SM	**Silty SAND**; brown; fine and very fine sand; 35-45% silt; abundant root holes; medium dilatancy; medium dense.
					10				
					11				
					12				
	12.7				13				
		damp	0.1	10 11 15	14			SM	As above; 10-20% clay; trace fine gravel.
					15				
					16				
					17				
					18				
		damp	0.2	7 10 15	19			CL	**Lean CLAY**; dark brown; 5-15% fine to medium sand; trace gravel; medium dilantancy; root holes; hard.
					20				
					21				
					22				

Delta

Environmental Consultants, Inc.

Project No: SJ11-989-1	Client: Shell	MW-7	
Logged By: Rebecca Wolff	Location: 7944 Dublin Blvd., Dublin, CA	Page 2 of 4	
Driller: Gregg Drilling and Testing	Date Drilled: 07/03/06	Location Map	
Drilling Method: HAS	Hole Diameter: 10"	**See Site Map**	
Sampling Method: Splitspoon	Hole Depth: 70'		
Casing Type: Sch 40 PVC	Well Diameter: 4"		
Slot Size: 0.010	Well Depth: 70'		
Gravel Pack: 2/12 sand	Casing Stickup:		
Elevation	Northing	Easting	

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout					23			CL	
				4					
		damp	0.1	5	24				As above; stiff; trace silt.
				6					
					25				.
					26				
					27				
					28				
		damp/		7	29				
		moist	477	7					**Sandy Lean CLAY**; brown with gray mottling; 30-40%
				8	30			CL	medium sand; trace gravel; some root holes.
					31				
					32				
					33				**Clayey GRAVEL with SAND**; brown with gray fine gravel;
				5				GC	15-25% coarse sand; 20-30% clay.
		wet/	5.5	7	34				
		moist		8	35			CL	**Lean CLAY**; tan with gray mottling; 30-40% medium sand; trace gravel; some root holes.
					36				
					37				
					38				
				5	39			CL	As above; 0-10% medium sand; caliche;no mottling.
		damp	0.7	5					
				8	40				
					41				
					42				
					43				
				9	44			CL	As above; dark brown; 0-10% medium sand; trace
		damp	0.2	9					gravels; no caliche; some root holes; stiff; medium

Delta

Environmental Consultants, Inc.

Project No: SJ11-989-1	Client: Shell	MW-7	
Logged By: Rebecca Wolff	Location: 7944 Dublin Blvd., Dublin, CA	Page 3 of 4	
Driller: Gregg Drilling and Testing	Date Drilled: 07/03/06	Location Map	
Drilling Method: HAS	Hole Diameter: 10"	**See Site Map**	
Sampling Method: Splitspoon	Hole Depth: 70'		
Casing Type: Sch 40 PVC	Well Diameter: 4"		
Slot Size: 0.010	Well Depth: 70'		
Gravel Pack: 2/12 sand	Casing Stickup:		
Elevation	Northing	Easting	

Well Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
				9	45				plasticity.
					46				
					47				
					48				
				6	49			CL	As above; tan with brown mottling; 5-15% medium
		damp	0.1	6					and fine sand.
				6	50				
					51				
					52				
					53				
				8	54			CL	As above; gray with brown mottling; 0-10% fine
		damp	0.1	8					sand; silty.
				8	55				
					56				
					57				
					58				
				7	59			CL	
		wet	0.3	8					
				9	60			SC	**Clayey SAND with Gravel**; brown; 15-25% fine gravel;
									20-30% clay; medium sand.
					61				
					62				
					63				
				4	64			SW	**Well Graded SAND with Gravel**; medium to very coarse
		wet		4					sand; medium to very coarse gravels at the bottom; less
				4	65				than 10% fines.
					66				

Backfill: Grout; Bentonite
Casing
Sand

Delta

Environmental Consultants, Inc.

Project No: SJ11-989-1	Client: Shell	MW-7	
Logged By: Rebecca Wolff	Location: 7944 Dublin Blvd., Dublin, CA	Page 4 of 4	
Driller: Gregg Drilling and Testing	Date Drilled: 07/03/06	Location Map	
Drilling Method: HAS	Hole Diameter: 10"	**See Site Map**	
Sampling Method: Splitspoon	Hole Depth: 70'		
Casing Type: Sch 40 PVC	Well Diameter: 4"		
Slot Size: 0.010	Well Depth: 70'		
Gravel Pack: 2/12 sand	Casing Stickup:		
Elevation	Northing	Easting	

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Sand		wet		12 18 21	67 68 69 70			SW	As above. **Bottom of Boring at 70 feet**
					71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88				

ATTACHMENT C

WELL LOCATION AND ELEVATION SURVEY REPORT (MID COAST ENGINEERS)

Mid Coast Engineers
Civil Engineers and Land Surveyors
70 Penny Lane, Suite A - Watsonville, CA 95076
phone: (831) 724-2580
fax: (831) 724-8025
e-mail: lee@midcoastengineers.com

Richard A. Wadsworth
Civil Engineer
Stanley O. Nielsen
Land Surveyor
Lee D. Vaage
Land Surveyor
Jeff S. Nielsen
Land Surveyor

July 21, 2006

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

Re: **Shell-branded Service Station, 11989 Dublin Boulevard, Dublin, California;** DELTA Project No. SJ11-989-1.2005, MCE Job No. 06038X

Dear Ms. Buckingham,

As you requested, on July 20 we surveyed two new monitoring wells located at the referenced site. Our findings are listed on the attached sheets, expressed in State Plane Coordinates and Latitude/Longitude, and are consistent with our previous survey of March 3, 2006.

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

Measurements were obtained from conventional survey techniques in combination with GPS techniques (Code CGPS), using control points DE8479 (C226) and HS5408 (HPGN CA 04 07), as published by NGS/NOAA and listed on their web site. Latitude and Longitude as shown were determined from the California Coordinate System, Zone 3, NAD 83 Datum. The accuracy range of the reported information is +/- 1cm. GPS equipment is the Trimble 5700/5800 system (Code T57).

The benchmark used for this survey is a standard USC & GS disk, stamped "D 1964", set in concrete under a manhole east of Regional Street in the left turn lane eastbound into Mervyn's. Elevation = 347.662 feet, NGVD 29, 1974 NGS adjustment, as obtained from the City of Dublin Public Works Department.

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

Yours truly,

Lee D. Vaage

LICENSED LAND SURVEYOR
LEE D. VAAGE
No. 5029
RENEWAL 12-31-07
STATE OF CALIFORNIA

SHELL-BRANDED SERVICE STATION
11989 Dublin Boulevard
Dublin, California

DELTA Project No. SJ11-989-1.2005

Project : 06038X
User name MCE Date & Time 10:14:18 AM 7/21/2006
Coordinate System US State Plane 1983 Zone California Zone 3 0403
Project Datum NAD 1983 (Conus)
Vertical Datum NGVD 29
Coordinate Units US survey feet
Distance Units US survey feet
Elevation Units US survey feet

Point Number	Northing	Easting	Elevation	Description
12	2081118.20	6146608.73	361.15	MW-6toc
13	2081117.79	6146609.01	361.70	MW-6tob
15	2081145.16	6146391.72	365.21	MW-7toc
16	2081145.65	6146391.61	365.57	MW-7tob

SHELL-BRANDED SERVICE STATION
11989 Dublin Boulevard
Dublin, California

DELTA Project No. SJ11-989-1.2005

Project : 06038X
User name MCE Date & Time 10:14:18 AM 7/21/2006
Coordinate System US State Plane 1983 Zone California Zone 3 0403
Project Datum NAD 1983 (Conus)
Vertical Datum NGVD 29
Coordinate Units US survey feet
Distance Units US survey feet
Elevation Units US survey feet

Point Number	Latitude	Longitude	Elevation	Description
12	37.701616429°N	121.934719098°W	361.15	MW-6toc
13	37.701615308°N	121.934718137°W	361.70	MW-6tob
15	37.701681330°N	121.935470558°W	365.21	MW-7toc
16	37.701682659°N	121.935470948°W	365.57	MW-7tob

	A	B	C	D	E	F	G	H	I	J	K	L
1	**SHELL-BRANDED SERVICE STATION**											
2	**11989 Dublin Boulevard**											
3	**Dublin, California**											
4												
5	**DELTA Project No. SJ11-989-1.2005**											
6												
7	Project : 06038X											
8	User name MCE			Date & Time	10:14:18 AM 7/21/2006							
9	Coordinate System	US State Plane 1983		Zone	California Zone 3 0403							
10	Project Datum	NAD 1983 (Conus)										
11	Vertical Datum	NGVD 29										
12	Coordinate Units	US survey feet										
13	Distance Units	US survey feet										
14	Elevation Units	US survey feet										
15												
16		MW-6	MW	07/20/2006	37.7016164	-121.9347191	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
17		MW-7	MW	07/20/2006	37.7016813	-121.9354706	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing

	A	B	C	D	E	F	G	H	I	J	K
1	**SHELL-BRANDED SERVICE STATION**										
2	**11989 Dublin Boulevard**										
3	**Dublin, California**										
4											
5	**DELTA Project No. SJ11-989-1.2005**										
6											
7	Project : 06038X										
8	User name MCE Date & Time 10:14:18 AM 7/21/2006										
9	Coordinate System US State Plane 1983 Zone California Zone 3 0403										
10	Project Datum NAD 1983 (Conus)										
11	Vertical Datum NGVD 29										
12	Coordinate Units US survey feet										
13	Distance Units US survey feet										
14	Elevation Units US survey feet										
15											
16		MW-6	07/20/2006	361.15	CGPS	29	0.5		Mid Coast Engineers		top of casing
17		MW-7	07/20/2006	365.21	CGPS	29	0.5		Mid Coast Engineers		top of casing

ATTACHMENT D

BLAINE TECH SERVICES REPORT, THIRD QUARTER 2006

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

August 21, 2006

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

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

Monitoring performed on July 26, 2006

Groundwater Monitoring Report **060726-WC-2**

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/np

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

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

WELL CONCENTRATIONS
Shell-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
MW-2	04/19/2006	5,490	NA	3.58	0.890	4.32	<0.500	NA	19.0	<0.500	<0.500	<0.500	1,040	NA	365.43	18.34	347.09	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	**07/26/2006**	**4,990**	**NA**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**4.66**	**NA**	**NA**	**NA**	**353**	**NA**	**365.43**	**22.53**	**342.90**	**NA**
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

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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	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
MW-3	04/19/2006	376	NA	0.580	<0.500	<0.500	<0.500	NA	4.44	<0.500	<0.500	<0.500	452	NA	364.97	18.62	346.35	NA
MW-3	**07/26/2006**	**<50.0**	**NA**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**5.98**	**NA**	**NA**	**NA**	**72.1**	**NA**	**364.97**	**22.79**	**342.18**	**NA**
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-4	04/19/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	0.630	<0.500	<0.500	<0.500	301	NA	363.97	21.59	342.38	NA
MW-4	**07/26/2006**	**785**	**NA**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**1.47**	**NA**	**NA**	**NA**	**1,810**	**NA**	**363.97**	**25.67**	**338.30**	**NA**
MW-5	01/03/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	361.00	22.95	338.05	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	361.00	22.77	338.23	NA

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MW-5	04/19/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	32.1	NA	361.00	21.06	339.94	NA
MW-5	**07/26/2006**	**<50.0**	**NA**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**<0.500**	**NA**	**NA**	**NA**	**<10.0**	**NA**	**361.00**	**24.68**	**336.32**	**NA**
MW-6	**07/21/2006**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**361.15**	**25.33**	**335.82**	**NA**
MW-6	**07/26/2006**	**<50.0**	**280**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**<10.0**	**NA**	**361.15**	**25.45**	**335.70**	**NA**
MW-7	**07/21/2006**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**365.21**	**25.93**	**339.28**	**NA**
MW-7	**07/26/2006**	**<50.0**	**280**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**<10.0**	**NA**	**365.21**	**30.53**	**334.68**	**NA**

WELL CONCENTRATIONS
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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
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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.

Well MW-5 surveyed on March 3, 2006 by Mid Coast Engineers.

Well MW-6 and MW-7 surveyed data provided by Delta Environmental Consultants, Inc, CA. on August 15, 2006.

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

August 15, 2006

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

Work Order: NPG3827
Project Name: 11989 Dublin Blvd, Dublin, CA
Project Nbr: SAP 135243
P/O Nbr: 98995328
Date Received: 07/29/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-2	NPG3827-01	07/26/06 15:35
MW-3	NPG3827-02	07/26/06 15:13
MW-4	NPG3827-03	07/26/06 12:24
MW-5	NPG3827-04	07/26/06 14:35

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

California Certification Number: 01168CA

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

Report Approved By:

Jim Hatfield
Project Management

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPG3827
	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135243
Attn	Heather Buckingham	Received:	07/29/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG3827-01 (MW-2 - Water) Sampled: 07/26/06 15:35								
Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	08/09/06 06:32	SW846 8260B	6081224
Methyl tert-Butyl Ether	**4.66**		ug/L	0.500	1	08/09/06 06:32	SW846 8260B	6081224
Ethylbenzene	ND		ug/L	0.500	1	08/09/06 06:32	SW846 8260B	6081224
Toluene	ND		ug/L	0.500	1	08/09/06 06:32	SW846 8260B	6081224
Xylenes, total	ND		ug/L	0.500	1	08/09/06 06:32	SW846 8260B	6081224
Tertiary Butyl Alcohol	**353**		ug/L	10.0	1	08/09/06 06:32	SW846 8260B	6081224
Surr: 1,2-Dichloroethane-d4 (70-130%)	*97 %*					*08/09/06 06:32*	*SW846 8260B*	*6081224*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*97 %*					*08/09/06 06:32*	*SW846 8260B*	*6081224*
Surr: Dibromofluoromethane (79-122%)	*93 %*					*08/09/06 06:32*	*SW846 8260B*	*6081224*
Surr: Dibromofluoromethane (79-122%)	*93 %*					*08/09/06 06:32*	*SW846 8260B*	*6081224*
Surr: Toluene-d8 (78-121%)	*102 %*					*08/09/06 06:32*	*SW846 8260B*	*6081224*
Surr: Toluene-d8 (78-121%)	*102 %*					*08/09/06 06:32*	*SW846 8260B*	*6081224*
Surr: 4-Bromofluorobenzene (78-126%)	*96 %*					*08/09/06 06:32*	*SW846 8260B*	*6081224*
Surr: 4-Bromofluorobenzene (78-126%)	*96 %*					*08/09/06 06:32*	*SW846 8260B*	*6081224*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**4990**		ug/L	50.0	1	08/09/06 06:32	CA LUFT GC/MS	6081224
Surr: 1,2-Dichloroethane-d4 (0-200%)	*97 %*					*08/09/06 06:32*	*CA LUFT GC/MS*	*6081224*
Surr: Dibromofluoromethane (0-200%)	*93 %*					*08/09/06 06:32*	*CA LUFT GC/MS*	*6081224*
Surr: Toluene-d8 (0-200%)	*102 %*					*08/09/06 06:32*	*CA LUFT GC/MS*	*6081224*
Surr: 4-Bromofluorobenzene (0-200%)	*96 %*					*08/09/06 06:32*	*CA LUFT GC/MS*	*6081224*
Sample ID: NPG3827-02 (MW-3 - Water) Sampled: 07/26/06 15:13								
Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	08/09/06 06:56	SW846 8260B	6081224
Methyl tert-Butyl Ether	**5.98**		ug/L	0.500	1	08/09/06 06:56	SW846 8260B	6081224
Ethylbenzene	ND		ug/L	0.500	1	08/09/06 06:56	SW846 8260B	6081224
Toluene	ND		ug/L	0.500	1	08/09/06 06:56	SW846 8260B	6081224
Xylenes, total	ND		ug/L	0.500	1	08/09/06 06:56	SW846 8260B	6081224
Tertiary Butyl Alcohol	**72.1**		ug/L	10.0	1	08/09/06 06:56	SW846 8260B	6081224
Surr: 1,2-Dichloroethane-d4 (70-130%)	*105 %*					*08/09/06 06:56*	*SW846 8260B*	*6081224*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*105 %*					*08/09/06 06:56*	*SW846 8260B*	*6081224*
Surr: Dibromofluoromethane (79-122%)	*98 %*					*08/09/06 06:56*	*SW846 8260B*	*6081224*
Surr: Dibromofluoromethane (79-122%)	*98 %*					*08/09/06 06:56*	*SW846 8260B*	*6081224*
Surr: Toluene-d8 (78-121%)	*94 %*					*08/09/06 06:56*	*SW846 8260B*	*6081224*
Surr: Toluene-d8 (78-121%)	*94 %*					*08/09/06 06:56*	*SW846 8260B*	*6081224*
Surr: 4-Bromofluorobenzene (78-126%)	*99 %*					*08/09/06 06:56*	*SW846 8260B*	*6081224*
Surr: 4-Bromofluorobenzene (78-126%)	*99 %*					*08/09/06 06:56*	*SW846 8260B*	*6081224*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	08/09/06 06:56	CA LUFT GC/MS	6081224
Surr: 1,2-Dichloroethane-d4 (0-200%)	*105 %*					*08/09/06 06:56*	*CA LUFT GC/MS*	*6081224*
Surr: Dibromofluoromethane (0-200%)	*98 %*					*08/09/06 06:56*	*CA LUFT GC/MS*	*6081224*
Surr: Toluene-d8 (0-200%)	*94 %*					*08/09/06 06:56*	*CA LUFT GC/MS*	*6081224*
Surr: 4-Bromofluorobenzene (0-200%)	*99 %*					*08/09/06 06:56*	*CA LUFT GC/MS*	*6081224*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPG3827
	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135243
Attn	Heather Buckingham	Received:	07/29/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG3827-03 (MW-4 - Water) Sampled: 07/26/06 12:24								
Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	08/09/06 07:21	SW846 8260B	6081224
Methyl tert-Butyl Ether	**1.47**		ug/L	0.500	1	08/09/06 07:21	SW846 8260B	6081224
Ethylbenzene	ND		ug/L	0.500	1	08/09/06 07:21	SW846 8260B	6081224
Toluene	ND		ug/L	0.500	1	08/09/06 07:21	SW846 8260B	6081224
Xylenes, total	ND		ug/L	0.500	1	08/09/06 07:21	SW846 8260B	6081224
Tertiary Butyl Alcohol	**1810**		ug/L	10.0	1	08/09/06 07:21	SW846 8260B	6081224
Surr: 1,2-Dichloroethane-d4 (70-130%)	*102 %*					*08/09/06 07:21*	*SW846 8260B*	*6081224*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*102 %*					*08/09/06 07:21*	*SW846 8260B*	*6081224*
Surr: Dibromofluoromethane (79-122%)	*95 %*					*08/09/06 07:21*	*SW846 8260B*	*6081224*
Surr: Dibromofluoromethane (79-122%)	*95 %*					*08/09/06 07:21*	*SW846 8260B*	*6081224*
Surr: Toluene-d8 (78-121%)	*97 %*					*08/09/06 07:21*	*SW846 8260B*	*6081224*
Surr: Toluene-d8 (78-121%)	*97 %*					*08/09/06 07:21*	*SW846 8260B*	*6081224*
Surr: 4-Bromofluorobenzene (78-126%)	*96 %*					*08/09/06 07:21*	*SW846 8260B*	*6081224*
Surr: 4-Bromofluorobenzene (78-126%)	*96 %*					*08/09/06 07:21*	*SW846 8260B*	*6081224*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**785**		ug/L	50.0	1	08/09/06 07:21	CA LUFT GC/MS	6081224
Surr: 1,2-Dichloroethane-d4 (0-200%)	*102 %*					*08/09/06 07:21*	*CA LUFT GC/MS*	*6081224*
Surr: Dibromofluoromethane (0-200%)	*95 %*					*08/09/06 07:21*	*CA LUFT GC/MS*	*6081224*
Surr: Toluene-d8 (0-200%)	*97 %*					*08/09/06 07:21*	*CA LUFT GC/MS*	*6081224*
Surr: 4-Bromofluorobenzene (0-200%)	*96 %*					*08/09/06 07:21*	*CA LUFT GC/MS*	*6081224*
Sample ID: NPG3827-04 (MW-5 - Water) Sampled: 07/26/06 14:35								
Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	08/09/06 07:46	SW846 8260B	6081224
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	08/09/06 07:46	SW846 8260B	6081224
Ethylbenzene	ND		ug/L	0.500	1	08/09/06 07:46	SW846 8260B	6081224
Toluene	ND		ug/L	0.500	1	08/09/06 07:46	SW846 8260B	6081224
Xylenes, total	ND		ug/L	0.500	1	08/09/06 07:46	SW846 8260B	6081224
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	08/09/06 07:46	SW846 8260B	6081224
Surr: 1,2-Dichloroethane-d4 (70-130%)	*103 %*					*08/09/06 07:46*	*SW846 8260B*	*6081224*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*103 %*					*08/09/06 07:46*	*SW846 8260B*	*6081224*
Surr: Dibromofluoromethane (79-122%)	*94 %*					*08/09/06 07:46*	*SW846 8260B*	*6081224*
Surr: Dibromofluoromethane (79-122%)	*94 %*					*08/09/06 07:46*	*SW846 8260B*	*6081224*
Surr: Toluene-d8 (78-121%)	*92 %*					*08/09/06 07:46*	*SW846 8260B*	*6081224*
Surr: Toluene-d8 (78-121%)	*92 %*					*08/09/06 07:46*	*SW846 8260B*	*6081224*
Surr: 4-Bromofluorobenzene (78-126%)	*102 %*					*08/09/06 07:46*	*SW846 8260B*	*6081224*
Surr: 4-Bromofluorobenzene (78-126%)	*102 %*					*08/09/06 07:46*	*SW846 8260B*	*6081224*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	08/09/06 07:46	CA LUFT GC/MS	6081224
Surr: 1,2-Dichloroethane-d4 (0-200%)	*103 %*					*08/09/06 07:46*	*CA LUFT GC/MS*	*6081224*
Surr: Dibromofluoromethane (0-200%)	*94 %*					*08/09/06 07:46*	*CA LUFT GC/MS*	*6081224*
Surr: Toluene-d8 (0-200%)	*92 %*					*08/09/06 07:46*	*CA LUFT GC/MS*	*6081224*
Surr: 4-Bromofluorobenzene (0-200%)	*102 %*					*08/09/06 07:46*	*CA LUFT GC/MS*	*6081224*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPG3827
	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135243
Attn	Heather Buckingham	Received:	07/29/06 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6081224-BLK1						
Benzene	<0.200		ug/L	6081224	6081224-BLK1	08/09/06 04:28
Methyl tert-Butyl Ether	<0.200		ug/L	6081224	6081224-BLK1	08/09/06 04:28
Ethylbenzene	<0.200		ug/L	6081224	6081224-BLK1	08/09/06 04:28
Toluene	<0.200		ug/L	6081224	6081224-BLK1	08/09/06 04:28
Xylenes, total	<0.350		ug/L	6081224	6081224-BLK1	08/09/06 04:28
Tertiary Butyl Alcohol	<5.06		ug/L	6081224	6081224-BLK1	08/09/06 04:28
Surrogate: 1,2-Dichloroethane-d4	97%			6081224	6081224-BLK1	08/09/06 04:28
Surrogate: 1,2-Dichloroethane-d4	97%			6081224	6081224-BLK1	08/09/06 04:28
Surrogate: Dibromofluoromethane	92%			6081224	6081224-BLK1	08/09/06 04:28
Surrogate: Dibromofluoromethane	92%			6081224	6081224-BLK1	08/09/06 04:28
Surrogate: Toluene-d8	100%			6081224	6081224-BLK1	08/09/06 04:28
Surrogate: Toluene-d8	100%			6081224	6081224-BLK1	08/09/06 04:28
Surrogate: 4-Bromofluorobenzene	99%			6081224	6081224-BLK1	08/09/06 04:28
Surrogate: 4-Bromofluorobenzene	99%			6081224	6081224-BLK1	08/09/06 04:28
Purgeable Petroleum Hydrocarbons						
6081224-BLK1						
Gasoline Range Organics	<50.0		ug/L	6081224	6081224-BLK1	08/09/06 04:28
Surrogate: 1,2-Dichloroethane-d4	97%			6081224	6081224-BLK1	08/09/06 04:28
Surrogate: Dibromofluoromethane	92%			6081224	6081224-BLK1	08/09/06 04:28
Surrogate: Toluene-d8	100%			6081224	6081224-BLK1	08/09/06 04:28
Surrogate: 4-Bromofluorobenzene	99%			6081224	6081224-BLK1	08/09/06 04:28

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPG3827
	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135243
Attn	Heather Buckingham	Received:	07/29/06 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6081224-BS1								
Benzene	50.0	51.8		ug/L	104%	79 - 123	6081224	08/09/06 03:38
Methyl tert-Butyl Ether	50.0	44.7		ug/L	89%	66 - 142	6081224	08/09/06 03:38
Ethylbenzene	50.0	50.5		ug/L	101%	79 - 125	6081224	08/09/06 03:38
Toluene	50.0	51.0		ug/L	102%	78 - 122	6081224	08/09/06 03:38
Xylenes, total	150	147		ug/L	98%	79 - 130	6081224	08/09/06 03:38
Tertiary Butyl Alcohol	500	436		ug/L	87%	42 - 154	6081224	08/09/06 03:38
Surrogate: 1,2-Dichloroethane-d4	50.0	50.4			101%	70 - 130	6081224	08/09/06 03:38
Surrogate: 1,2-Dichloroethane-d4	50.0	50.4			101%	70 - 130	6081224	08/09/06 03:38
Surrogate: Dibromofluoromethane	50.0	48.6			97%	79 - 122	6081224	08/09/06 03:38
Surrogate: Dibromofluoromethane	50.0	48.6			97%	79 - 122	6081224	08/09/06 03:38
Surrogate: Toluene-d8	50.0	50.4			101%	78 - 121	6081224	08/09/06 03:38
Surrogate: Toluene-d8	50.0	50.4			101%	78 - 121	6081224	08/09/06 03:38
Surrogate: 4-Bromofluorobenzene	50.0	47.0			94%	78 - 126	6081224	08/09/06 03:38
Surrogate: 4-Bromofluorobenzene	50.0	47.0			94%	78 - 126	6081224	08/09/06 03:38
Purgeable Petroleum Hydrocarbons								
6081224-BS1								
Gasoline Range Organics	3050	3000		ug/L	98%	67 - 130	6081224	08/09/06 03:38
Surrogate: 1,2-Dichloroethane-d4	50.0	50.4			101%	70 - 130	6081224	08/09/06 03:38
Surrogate: Dibromofluoromethane	50.0	48.6			97%	70 - 130	6081224	08/09/06 03:38
Surrogate: Toluene-d8	50.0	50.4			101%	70 - 130	6081224	08/09/06 03:38
Surrogate: 4-Bromofluorobenzene	50.0	47.0			94%	70 - 130	6081224	08/09/06 03:38

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPG3827
	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135243
Attn	Heather Buckingham	Received:	07/29/06 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

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

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPG3827
	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135243
Attn	Heather Buckingham	Received:	07/29/06 08:00

NELAC CERTIFICATION SUMMARY

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

Method	Matrix	Analyte
CA LUFT GC/MS	Water	Gasoline Range Organics

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM **BC#** NPG3827

Cooler Received/Opened On: July 29, 2006 @ 08:00

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 9100

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

2. Temperature of representative sample or temperature blank when opened: 0.2 Degrees Celsius
(indicate IR Gun ID#)

NA A00466 A00750 (A01124) 100190 101282 Raynger ST

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

a. If yes, how many and where: 2 - FRONT

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

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

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

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

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

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

(Plastic bag) Paper Other_____ None

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

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

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

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

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

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

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

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

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

If preservation in-house was needed, record standard ID of preservative used here_____

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

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

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

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

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

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

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

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

19. Were there Non-Conformance issues at login YES (NO) Was a PIPE generated YES NO #_____

MW-4
MW-5
1 VOA
BIS

BIS = Broken in shipment

SHELL Chain Of Custody Record

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

NAME OF PERSON TO BILL: Denis Brown

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

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 8 9 9 5 3 2 8

PO #

SAP or CRMT #

DATE: 7/26/06

PAGE: 1 of 1

SAMPLING COMPANY:	LOG CODE:
Blaine Tech Services	BTSS

ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112

PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata

TELEPHONE:	FAX:	E-MAIL:
408-573-0555	408-573-7771	mninokata@blainetech.com

SITE ADDRESS: Street and City	State	GLOBAL ID NO.:
11989 Dublin Blvd., Dublin	CA	T0600102083

EDF DELIVERABLE TO (Name, Company, Office Location):	PHONE NO.:	E-MAIL:	CONSULTANT PROJECT NO.:
Heather Buckingham, Delta, San Jose	(408) 826-1866	hbuckingham@deltaenv.com	060726-WC-2

BTS #

SAMPLER NAME(S) (Print): Will Crow / Chris Garen

LAB USE ONLY

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

SPECIAL INSTRUCTIONS OR NOTES:

NPG3827

08/14/06 23:59

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

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TPH-motor oil (8015M)	TDS (160.1)	Total Iron (6010B)	Total Lead (6010B)		Total Oil and Grease (1664A)		TEMPERATURE ON RECEIPT C°
	MW-2	7/26/06	1535	GW	3 HCl	X		X		X	X		NPG3827-1												
	MW-3		1513			X		X		X	X							2							
	MW-4		1224			X		X		X	X							3							
	MW-5		1435			X		X		X	X							4							
	MW-6		1452			X		X	X				W 7/27												
	MW-7		1412			X		X	X				W 7/27												

Relinquished by: (Signature)	Received by: (Signature)	Date: 7/26/06	Time: 1715
Relinquished by: (Signature)	Received by: (Signature)	Date: 7-27-06	Time: 1015
Relinquished by: (Signature)	Received by: (Signature)	Date: 7-27-06	Time: 1740

Deana Keller 7/28/06 1345

Calla 7.29-06 8:00 -0.2°C

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

Q&Q Graphic (714) 898-9702

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

August 03, 2006

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

Work Order: NPG3829
Project Name: 11989 Dublin Blvd, Dublin, CA
Project Nbr: SAP 135243
P/O Nbr: 98995328
Date Received: 07/29/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-6	NPG3829-01	07/26/06 14:52
MW-7	NPG3829-02	07/26/06 14:12

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

California Certification Number: 01168CA

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

Report Approved By:

Jim Hatfield
Project Management

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPG3829
	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135243
Attn	Heather Buckingham	Received:	07/29/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG3829-01 (MW-6 - Water) Sampled: 07/26/06 14:52								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	08/01/06 09:02	SW846 8260B	6075637
Benzene	ND		ug/L	0.500	1	08/01/06 09:02	SW846 8260B	6075637
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	08/01/06 09:02	SW846 8260B	6075637
Diisopropyl Ether	ND		ug/L	0.500	1	08/01/06 09:02	SW846 8260B	6075637
Ethylbenzene	ND		ug/L	0.500	1	08/01/06 09:02	SW846 8260B	6075637
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	08/01/06 09:02	SW846 8260B	6075637
Toluene	ND		ug/L	0.500	1	08/01/06 09:02	SW846 8260B	6075637
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	08/01/06 09:02	SW846 8260B	6075637
Xylenes, total	ND		ug/L	0.500	1	08/01/06 09:02	SW846 8260B	6075637
Surr: 1,2-Dichloroethane-d4 (70-130%)	*102 %*					*08/01/06 09:02*	*SW846 8260B*	*6075637*
Surr: Dibromofluoromethane (79-122%)	*106 %*					*08/01/06 09:02*	*SW846 8260B*	*6075637*
Surr: Toluene-d8 (78-121%)	*106 %*					*08/01/06 09:02*	*SW846 8260B*	*6075637*
Surr: 4-Bromofluorobenzene (78-126%)	*114 %*					*08/01/06 09:02*	*SW846 8260B*	*6075637*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	08/01/06 09:02	CA LUFT GC/MS	6075637
Surr: 1,2-Dichloroethane-d4 (0-200%)	*102 %*					*08/01/06 09:02*	*CA LUFT GC/MS*	*6075637*
Surr: Dibromofluoromethane (0-200%)	*106 %*					*08/01/06 09:02*	*CA LUFT GC/MS*	*6075637*
Surr: Toluene-d8 (0-200%)	*106 %*					*08/01/06 09:02*	*CA LUFT GC/MS*	*6075637*
Surr: 4-Bromofluorobenzene (0-200%)	*114 %*					*08/01/06 09:02*	*CA LUFT GC/MS*	*6075637*
Sample ID: NPG3829-02 (MW-7 - Water) Sampled: 07/26/06 14:12								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	08/01/06 09:26	SW846 8260B	6075637
Benzene	ND		ug/L	0.500	1	08/01/06 09:26	SW846 8260B	6075637
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	08/01/06 09:26	SW846 8260B	6075637
Diisopropyl Ether	ND		ug/L	0.500	1	08/01/06 09:26	SW846 8260B	6075637
Ethylbenzene	ND		ug/L	0.500	1	08/01/06 09:26	SW846 8260B	6075637
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	08/01/06 09:26	SW846 8260B	6075637
Toluene	ND		ug/L	0.500	1	08/01/06 09:26	SW846 8260B	6075637
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	08/01/06 09:26	SW846 8260B	6075637
Xylenes, total	ND		ug/L	0.500	1	08/01/06 09:26	SW846 8260B	6075637
Surr: 1,2-Dichloroethane-d4 (70-130%)	*104 %*					*08/01/06 09:26*	*SW846 8260B*	*6075637*
Surr: Dibromofluoromethane (79-122%)	*109 %*					*08/01/06 09:26*	*SW846 8260B*	*6075637*
Surr: Toluene-d8 (78-121%)	*105 %*					*08/01/06 09:26*	*SW846 8260B*	*6075637*
Surr: 4-Bromofluorobenzene (78-126%)	*109 %*					*08/01/06 09:26*	*SW846 8260B*	*6075637*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	08/01/06 09:26	CA LUFT GC/MS	6075637
Surr: 1,2-Dichloroethane-d4 (0-200%)	*104 %*					*08/01/06 09:26*	*CA LUFT GC/MS*	*6075637*
Surr: Dibromofluoromethane (0-200%)	*109 %*					*08/01/06 09:26*	*CA LUFT GC/MS*	*6075637*
Surr: Toluene-d8 (0-200%)	*105 %*					*08/01/06 09:26*	*CA LUFT GC/MS*	*6075637*
Surr: 4-Bromofluorobenzene (0-200%)	*109 %*					*08/01/06 09:26*	*CA LUFT GC/MS*	*6075637*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPG3829
	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135243
Attn	Heather Buckingham	Received:	07/29/06 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6075637-BLK1						
Tert-Amyl Methyl Ether	<0.200		ug/L	6075637	6075637-BLK1	08/01/06 07:49
Benzene	<0.200		ug/L	6075637	6075637-BLK1	08/01/06 07:49
Ethyl tert-Butyl Ether	<0.200		ug/L	6075637	6075637-BLK1	08/01/06 07:49
Diisopropyl Ether	<0.200		ug/L	6075637	6075637-BLK1	08/01/06 07:49
Ethylbenzene	<0.200		ug/L	6075637	6075637-BLK1	08/01/06 07:49
Methyl tert-Butyl Ether	<0.200		ug/L	6075637	6075637-BLK1	08/01/06 07:49
Toluene	<0.200		ug/L	6075637	6075637-BLK1	08/01/06 07:49
Tertiary Butyl Alcohol	<5.06		ug/L	6075637	6075637-BLK1	08/01/06 07:49
Xylenes, total	<0.350		ug/L	6075637	6075637-BLK1	08/01/06 07:49
Surrogate: 1,2-Dichloroethane-d4	105%			6075637	6075637-BLK1	08/01/06 07:49
Surrogate: Dibromofluoromethane	106%			6075637	6075637-BLK1	08/01/06 07:49
Surrogate: Toluene-d8	103%			6075637	6075637-BLK1	08/01/06 07:49
Surrogate: 4-Bromofluorobenzene	106%			6075637	6075637-BLK1	08/01/06 07:49
Purgeable Petroleum Hydrocarbons						
6075637-BLK1						
Gasoline Range Organics	<50.0		ug/L	6075637	6075637-BLK1	08/01/06 07:49
Surrogate: 1,2-Dichloroethane-d4	105%			6075637	6075637-BLK1	08/01/06 07:49
Surrogate: Dibromofluoromethane	106%			6075637	6075637-BLK1	08/01/06 07:49
Surrogate: Toluene-d8	103%			6075637	6075637-BLK1	08/01/06 07:49
Surrogate: 4-Bromofluorobenzene	106%			6075637	6075637-BLK1	08/01/06 07:49

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	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135243
Attn	Heather Buckingham	Received:	07/29/06 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6075637-BS1								
Tert-Amyl Methyl Ether	50.0	51.2		ug/L	102%	56 - 145	6075637	08/01/06 06:36
Benzene	50.0	51.5		ug/L	103%	79 - 123	6075637	08/01/06 06:36
Ethyl tert-Butyl Ether	50.0	52.2		ug/L	104%	64 - 141	6075637	08/01/06 06:36
Diisopropyl Ether	50.0	49.2		ug/L	98%	73 - 135	6075637	08/01/06 06:36
Ethylbenzene	50.0	54.4		ug/L	109%	79 - 125	6075637	08/01/06 06:36
Methyl tert-Butyl Ether	50.0	49.9		ug/L	100%	66 - 142	6075637	08/01/06 06:36
Toluene	50.0	50.2		ug/L	100%	78 - 122	6075637	08/01/06 06:36
Tertiary Butyl Alcohol	500	422		ug/L	84%	42 - 154	6075637	08/01/06 06:36
Xylenes, total	150	164		ug/L	109%	79 - 130	6075637	08/01/06 06:36
Surrogate: 1,2-Dichloroethane-d4	50.0	53.6			107%	70 - 130	6075637	08/01/06 06:36
Surrogate: 1,2-Dichloroethane-d4	50.0	53.6			107%	70 - 130	6075637	08/01/06 06:36
Surrogate: Dibromofluoromethane	50.0	51.7			103%	79 - 122	6075637	08/01/06 06:36
Surrogate: Dibromofluoromethane	50.0	51.7			103%	79 - 122	6075637	08/01/06 06:36
Surrogate: Toluene-d8	50.0	53.0			106%	78 - 121	6075637	08/01/06 06:36
Surrogate: Toluene-d8	50.0	53.0			106%	78 - 121	6075637	08/01/06 06:36
Surrogate: 4-Bromofluorobenzene	50.0	51.8			104%	78 - 126	6075637	08/01/06 06:36
Surrogate: 4-Bromofluorobenzene	50.0	51.8			104%	78 - 126	6075637	08/01/06 06:36
Purgeable Petroleum Hydrocarbons								
6075637-BS1								
Gasoline Range Organics	3050	3170		ug/L	104%	67 - 130	6075637	08/01/06 06:36
Surrogate: 1,2-Dichloroethane-d4	50.0	53.6			107%	70 - 130	6075637	08/01/06 06:36
Surrogate: Dibromofluoromethane	50.0	51.7			103%	70 - 130	6075637	08/01/06 06:36
Surrogate: Toluene-d8	50.0	53.0			106%	70 - 130	6075637	08/01/06 06:36
Surrogate: 4-Bromofluorobenzene	50.0	51.8			104%	70 - 130	6075637	08/01/06 06:36

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	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135243
Attn	Heather Buckingham	Received:	07/29/06 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

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

TestAmerica
ANALYTICAL TESTING CORPORATION
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	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135243
Attn	Heather Buckingham	Received:	07/29/06 08:00

NELAC CERTIFICATION SUMMARY

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

Method	Matrix	Analyte
CA LUFT GC/MS	Water	Gasoline Range Organics

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM **BC#** NPG3829

Cooler Received/Opened On: July 29, 2006 @ 08:00

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 9100

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

2. Temperature of representative sample or temperature blank when opened: 0.2 **Degrees Celsius**
(indicate IR Gun ID#)

NA A00466 A00750 (A01124) 100190 101282 Raynger ST

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

a. If yes, how many and where: 2 - FRONT

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

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

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

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

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

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

(Plastic bag) Paper Other_____ None

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

9. Did all containers arrive in good condition (unbroken)?..... YES...(NO)...NA MW-6

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

11. Did all container labels and tags agree with custody papers?..... (YES)...NO...NA 1 VOA BIS

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

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

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

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

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

If preservation in-house was needed, record standard ID of preservative used here_____

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

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

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

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

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

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

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

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

19. Were there Non-Conformance issues at login YES (NO) Was a PIPE generated YES NO #_____

BIS = Broken in shipment

SHELL Chain Of Custody Record

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

NAME OF PERSON TO BILL: Denis Brown

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

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 8 9 9 5 3 2 8

DATE: 7/26/06

PAGE: 1 of 1

PO #

SAP or CRMT #

SAMPLING COMPANY: Blaine Tech Services

LOG CODE: BTSS

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

State: CA

GLOBAL ID NO.: T0600102083

ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112

EDF DELIVERABLE TO (Name, Company, Office Location): Heather Buckingham, Delta, San Jose

PHONE NO.: (408) 826-1866

E-MAIL: hbuckingham@deltaenv.com

CONSULTANT PROJECT NO.: BTS #

PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata

TELEPHONE: 408-573-0555

FAX: 408-573-7771

E-MAIL: mninokata@blainetech.com

SAMPLER NAME(S) (Print): Will Crowl / Chris Green

LAB USE ONLY

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

SPECIAL INSTRUCTIONS OR NOTES:

5 DAY TAT

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

REQUESTED ANALYSIS

NPG3829

08/03/06 23:59

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TPH-motor oil (8015M)	TDS (160.1)	Total Iron (6010B)	Total Lead (6010B)		Total Oil and Grease (1664A)		FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	MW-6	7/26/06	1452	GW	3 HCl	X		X	X	NPG3829-1						1										
	MW-7	7/26/06	1412	"	"	X		X	X							2										
																										TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature)	Date: 7/26/06	Time: 1713
Relinquished by: (Signature)	Received by: (Signature)	Date: 7-27-06	Time: 1015
Relinquished by: (Signature)	Received by: (Signature)	Date: 7-27-06	Time: 1740

Rebecca Kelly (CH2M) 7/28/06 1345 — 7-29-06 8:00 -0.2°C

05/02/06 Revision

Q&Q Graphic (714) 898-9702

WELLHEAD INSPECTION CHECKLIST

Page 1 of 1

Client Shell Date 7/26/06

Site Address 11989 Dublin Blvd Dublin CA

Job Number 060726-WC-2 Technician WC

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12"or less)	WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12"or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW-6	- dolphin lock									
MW-5				X						
MW-4	Rim severed from box (traffic)									
MW-7	dolphin lock									

NOTES:

MW-4 requires new box

WELLHEAD INSPECTION CHECKLIST

Client Shell Date 7/21/06

Site Address 11989 Dublin Blvd, Dublin

Job Number 060721-WC-1 Technician WC

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12"or less)	WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12"or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW-6	X									
MW-7	X									

NOTES: ⊗ Both wells have dolphin locks on them.

WELL GAUGING DATA

Project # 060726-WC-2 Date 7/26/06 Client Shell

Site 11989 Dublin Blvd, Dublin, CA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-2	1128	4					22.53	32.46		
MW-3	1121	4					22.79	32.66		
MW-4	@1210	2					25.67	35.41		
MW-5	1141	2					24.68	31.85		
MW-6	1137	2					25.45	29.60		
MW-7	1145	2					30.53	69.30	↓	

SHELL WELL MONITORING DATA SHEET

BTS #: 060726-WC-2	Site: 11999 Dublin Blvd, Dublin, CA
Sampler: WC	Date: 7/26/06
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 32.66	Depth to Water (DTW): 22.75
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 24.80	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other ____

Sampling Method: (Bailer); Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ____

6.4 (Gals.) X	3	=	25.6 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1528	72.0	7.1	959	216	6.4	clear
1529	70.9	6.8	954	113	19.2	↓
1530	70.3	6.8	947	23	25.6	↓

Did well dewater? Yes (No) Gallons actually evacuated: 26

Sampling Date: 7/26/06 Sampling Time: 1535 Depth to Water: 24.80

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 060726-WC-2	Site: 11989 Dublin Blvd, Dublin CA
Sampler: WC	Date: 7/26/06
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 32.66	Depth to Water (DTW): 22.79
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 24.80	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other ____

Sampling Method: (Bailer); Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ____

6.4 (Gals.) X 3 = 19.2 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1505	72.7	6.9	1156	27	6.4	Clear
1506	70.7	6.8	1168	7	12.8	↓
1507	71.9	6.8	1162	14	19.2	↓

Did well dewater? Yes (No) Gallons actually evacuated: 19.2

Sampling Date: 7/26/06 Sampling Time: 1513 Depth to Water: 24.80

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

Analyzed for: TPH-G (6) BTEX (6) MTBE (8) TPH-D Other: TBA

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 060726-WC-2	Site: 11989
Sampler: WC	Date: 7/26/06
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 35.41	Depth to Water (DTW): 25.67
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 27.62	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

1.6 (Gals.) X	3	=	4.8 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1214	71.6	6.6	1004	69	1.6	Clear
1217	71.4	6.9	1066	118	3.2	↓
1220	70.4	6.7	1108	324	4.8	

Did well dewater? Yes (No) Gallons actually evacuated: 4.8

Sampling Date: 7/26 Sampling Time: 1224 Depth to Water: 29.40 traffic

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 060726-WC-2	Site: 11989 Dublin Blvd, Dublin CA
Sampler: WC	Date: 7/26/06
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 31.85	Depth to Water (DTW): 24.68
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 26.11	

Purge Method: (Bailer) / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other ____

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Dedicated Tubing / Other: ____

1.1 (Gals.) X	3	= 3.3 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1426	71.5	7.0	1177	>1000	1.1	Brown
1429	69.4	6.7	1181	>1000	2.2	"
1436	68.7	6.6	1181	>1000	3.3	"

Did well dewater? Yes (No) Gallons actually evacuated: 3.3

Sampling Date: 7/26/06 Sampling Time: 1435 Depth to Water: 24.73

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

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: TBA

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 060726-WC-2	Site: 11989 Dublin Blvd, Dublin CA
Sampler: WC	Date: 7/26/06
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 29.60	Depth to Water (DTW): 25.45
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 26.28	

Purge Method: Bailer, (Disposable Bailer), Positive Air Displacement, Electric Submersible, Waterra, Peristaltic, Extraction Pump, Other_____

Sampling Method: Bailer, (Disposable Bailer), Extraction Port, Dedicated Tubing, Other:_____

0.7 (Gals.) X	3	= 2.1 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1443	68.6	6.8	1189	>1000	.7	Brown
1445	67.3	6.7	1191	>1000	1.4	↓
1447	67.4	6.6	1197	>1000	2.1	↓

Did well dewater? Yes (No) Gallons actually evacuated: 2.1

Sampling Date: 7/26/06 Sampling Time: 1452 Depth to Water: 25.51

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

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxys

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 060726-WC-2	Site: 11989 Dublin Blvd., Dublin
Sampler: NV	Date: 7/26/06
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 69.30	Depth to Water (DTW): 30.53
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 38.24	

Purge Method: Bailer, Disposable Bailer, Positive ~~Air Displacement~~, Electric Submersible, Waterra, Peristaltic, Extraction Pump, Other_____

Sampling Method: (Bailer), Disposable Bailer, Extraction Port, Dedicated Tubing, Other:

6.2 (Gals.) X 3 = 18.9 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1352	73.3	7.2	962	>1000	6.2	BROWN
1400	71.9	7.1	946	>1000	12.3	↓
1408	~~72~~.1	7.3	930	>1000	18.9	↓

Did well dewater? Yes (No) Gallons actually evacuated: 18.9

Sampling Date: 7/26/06 Sampling Time: 1412 Depth to Water: 30.78

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

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

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

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

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

WELL GAUGING DATA

Project # 060721-WC1 Date 7/21/06 Client SHELL

Site 11989 Dublin Blvd., Dublin

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Final OTB ~~Notes~~
MW-6	0926	2					25.33	29.59		29.60
MW-7	0748	2					25.93	68.20		69.37

WELL DEVELOPMENT DATA SHEET

Project #: 060721-we-SL1	Client: SLL
Developer: we	Date Developed: 7/21/06
Well I.D. MW-6	Well Diameter: (circle one) ② 3 4 6 __
Total Well Depth: Before 29.59 After 29.60	Depth to Water: Before 25.33 After 25.33
Reason not developed:	If Free Product, thickness:
Additional Notations: Surged well for 10 min prior to purge	

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

0.7	X	10	=	7
1 Case Volume		Specified Volumes		gallons

Purging Device: ☒ Bailer ☐ Suction Pump ☐ Electric Submersible we ☐ ~~Positive~~ Air Displacement

Type of Installed Pump ____

Other equipment used 2" surge block

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
0941	69.0	7.0	1240	>1000	0.7	Hard bottom detected.
0943	68.0	6.8	1231	>1000	1.4	Brown / silty
0945	67.4	6.9	1229	>1000	2.1	no change noticeable
0947	67.3	6.8	1233	>1000	2.8	Brown / w/ silt
0950	67.2	6.8	1231	>1000	3.5	no noticeable change
0952	67.3	6.7	1236	>1000	4.2	slightly lighter Brown / w silt
0955	67.1	6.7	1227	>1000	4.9	Brown w/ silt
0957	67.1	6.7	1223	>1000	5.6	"
0959	67.4	6.7	1218	>1000	6.3	"
1001	67.3	6.7	1210	>1000	7.0	"

Did Well Dewater? NO If yes, note above. Gallons Actually Evacuated: 7

WELL DEVELOPMENT DATA SHEET

Project #: 060721-WC-1	Client: Shell @ 11989 Dublin Blvd., Dublin
Developer: WC	Date Developed: 7/21/06
Well I.D. MW-7	Well Diameter: (circle one) 2 3 4 6
Total Well Depth: Before 68.20 After 69.37	Depth to Water: Before 25.93 After 31.59
Reason not developed:	If Free Product, thickness:
Additional Notations: Surged well for 10 min prior to purge	

Volume Conversion Factor (VCF): {12 x (d^2/4) x π} /231

where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

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

1 Case Volume		Specified Volumes		gallons
6.8	X	10	=	68

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☒ Positive Air Displacement

Type of Installed Pump
Other equipment used 2" surge block

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
0804	70.4	6.9	919	>1000	6.8	Dark Brown/Very silty
0817	68.9	6.9	935	>1000	13.6	hard bottom detected
0825	68.8	6.9	936	>1000	20.4	Brown/v silty
0833	68.7	7.0	935	>1000	27.2	clearing/Brown silty
0841	68.8	7.0	928	>1000	34.0	Brown/w/ silt
0849	68.8	7.0	922	>1000	40.8	clearing, but quickly becomes dark when surged w/ pump
0858	68.8	7.0	920	>1000	47.6	Brown/w/ silt
0906	68.8	7.0	920	>1000	54.4	" / " "
0914	68.6	7.0	917	>1000	61.2	clearing, but quickly becomes dark when surged w/ pump
0922	68.7	7.0	915	>1000	68.0	Light brown/w/ silt

Did Well Dewater? NO | If yes, note above. | Gallons Actually Evacuated: 68 gal