Shell Oil Products US

November 12, 2010

Re: Third Quarter 2010
Groundwater Monitoring Report
Shell-Branded Service Station
4895 Hacienda Drive
Dublin, California

Dear Mr. Jerry Wickham:

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

Sincerely,
Shell Oil Products US

Denis L. Brown
Project Manager

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

November 12, 2010
DELTA Project No. SCA4895H1D
SAP No. 165112

Mr. Jerry Wickham, PG, CEG, CHG
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

DELTA

Re: **THIRD QUARTER 2010**
GROUNDWATER MONITORING REPORT
Shell-branded Service Station
4895 Hacienda Drive
Dublin, California

Dear Mr. Wickham:

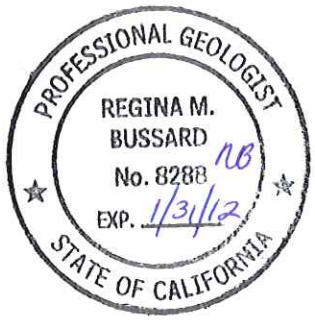
On behalf of Equilon Enterprises LLC *dba* Shell Oil Products US (Shell), Delta Consultants (Delta) has prepared this *Third Quarter 2010 Groundwater Monitoring Report* for the above referenced site. The sampling activities at the site were conducted by Blaine Tech Services, Inc. (Blaine Tech) under direct contract to Shell and included the collection of groundwater samples and static water level measurements. Delta did not provide any oversight of Blaine Tech's work or protocol. A Delta staff member, under the supervision of a California Registered Civil Engineer or a California Professional Geologist, performed evaluation of the data provided to us.

This report represents 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.

312 Piercy Road San Jose, California 95138 USA
Phone +1 408.224.4724 / USA Toll Free 800.477.7411
Fax +1 408.225.8506 www.deltaenv.com

This site is part of a portfolio of sites which have been transitioned to a new consultant, Conestoga-Rovers & Associates (CRA). The CRA project manager for this site is Peter Schaefer; he can be contacted directly at (510) 420-3319. If you have any questions regarding this report, please contact Regina Bussard (Delta Project Manager) at (408) 826-1876 or Denis Brown (Shell Project Manager) at (707) 865-0251.

Sincerely,
Delta Consultants



Regina Bussard, P.G.
Project Manager

Attachment: Third Quarter 2010 Groundwater Monitoring Report

cc: Mr. Denis Brown, Shell Oil Products US, Carson
Mr. Carl Cox, C and J Cox Corporation, Pleasanton
Ms. Cheryl Dizon, Zone 7 Water Agency, Livermore

SHELL MONITORING REPORT

Station Address:	4895 Hacienda Drive, Dublin, California
DELTA Project No.:	SCA4895H1D
SHELL Project Manager / Phone No.:	Denis Brown / (707) 865-0251
DELTA Site Manager / Phone No.:	Regina Bussard / (408) 826-1876
Primary Agency / Regulatory ID No.:	Alameda County Environmental Health / Mr. Jerry Wickham
Other Agencies to Receive Copies:	Zone 7 Water Agency / Ms. Cheryl Dizon

WORK PERFORMED THIS QUARTER (THIRD – 2010):

1. Submitted the 2Q10 quarterly groundwater monitoring report.
2. Performed 3Q10 quarterly groundwater monitoring and sampling on **August 5, 2010**.
3. Completed a sensitive receptor survey and submitted a site assessment work plan dated **September 10, 2010**.

WORK PROPOSED FOR QUARTER (FOURTH – 2010):

1. Submit the 3Q10 quarterly groundwater monitoring report.
2. Perform 4Q10 quarterly groundwater monitoring and sampling.
3. Perform additional site assessment per the September 10, 2010 work plan.

Current Phase of Project:	Groundwater monitoring
Site Use:	Shell-branded Service Station
Frequency of Sampling:	Quarterly
Frequency of Monitoring:	Quarterly
Is Separate Phase Hydrocarbon Present On-site (Well #'s):	☐ Yes ☒ No
Cumulative SPH Recovered to Date:	None
SPH Recovered This Quarter:	None
Cumulative Groundwater Recovered to Date:	1,096.6 gallons since 1Q10
Groundwater Recovered This Quarter:	161.4 gallons recovered during sampling on August 5, 2010.
Sensitive Receptor(s) and Respective Direction(s):	3S/1E-5K1 located 1,750 feet southeast of the site (owned by the Alameda Sugar Company)
General Site Lithology:	Low permeability clay to 20 feet bgs, permeable sandy clay from 20 to 30 ft. Layers of clayey sand and sand were observed at 40 to 43 ft and at 55 ft interbedded with low permeability clay.
Current Remediation Techniques:	None
Permits for Discharge:	None
Approximate Depth to Groundwater:	12.98 to 14.34 feet below top of well casing – groundwater is locally confined
Groundwater Gradient:	South-southeast at 0.002 ft/ft
Current Agency Correspondence:	Alameda County Environmental Health October 15, 2010 (Appendix A)

SHELL MONITORING REPORT (CONT.)

Date of Most Recent Work Plan Approval:	October 15, 2010
Site History:	
Case Opening	2008
Onsite Assessment	2010
Offsite Assessment	NA
Passive Remediation	NA
Active Remediation	NA
Closure	NA
Summary of Unusual Activity:	None

Comments:

During the quarterly event on August 5, 2010, total petroleum hydrocarbons as gasoline (TPH-g) [reported as total purgeable petroleum hydrocarbons] were detected in Well MW-5 at a concentration of 310 micrograms per liter (µg/L) and in Well MW-6 at a concentration of 53 µg/L. Methyl-tert butyl ether (MTBE) was detected in wells MW-2, MW-3, MW-5 and MW-6 at concentrations ranging from 4.0 µg/L (MW-6) to 250 µg/L (MW-5). Tert-butyl alcohol (TBA) was only detected in well MW-5 at a concentration of 39 µg/L. The fourth quarter analyte concentrations are generally consistent with previous data except in Well MW-2, where MTBE decreased by an order of magnitude from second quarter 2010.

ATTACHMENTS:

Figures:

Figure 1 – Site Location Map

Figure 2 – Groundwater Elevation Contour Map – 8/5/2010

Figure 3 – Hydrocarbon Distribution in Groundwater Map – 8/5/2010

Table:

Table 1 –Well Concentrations

Appendices:

Appendix A – Agency Correspondence

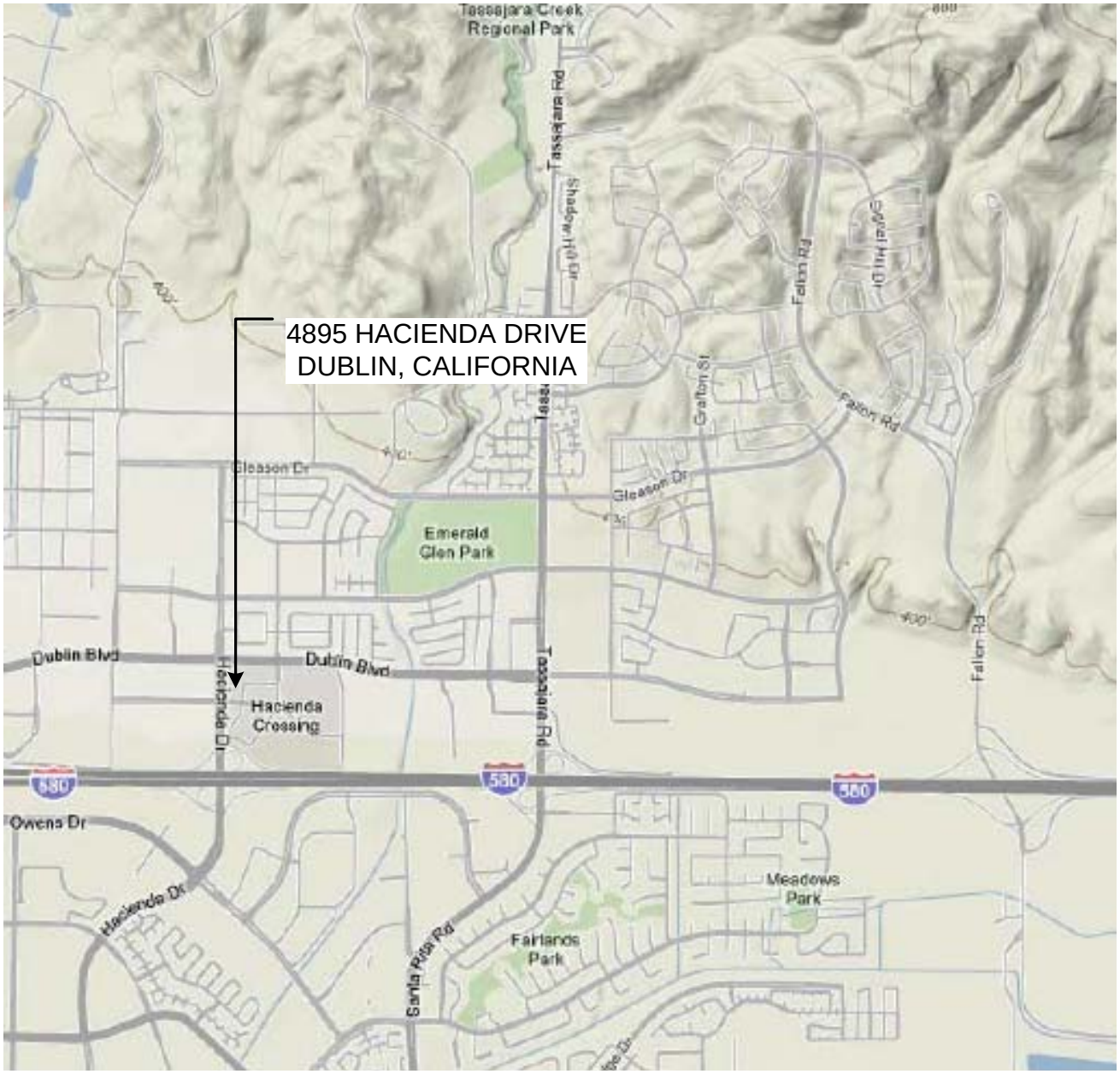
Appendix B – Blaine Tech Services, Inc. Field Data Sheets

Appendix C – Blaine Tech Services, Inc. Field Procedures

Appendix D – Certified Analytical Report with Chain-of-Custody Documentation

FIGURES

North



0 1 MILE

APPROX. SCALE

FIGURE 1

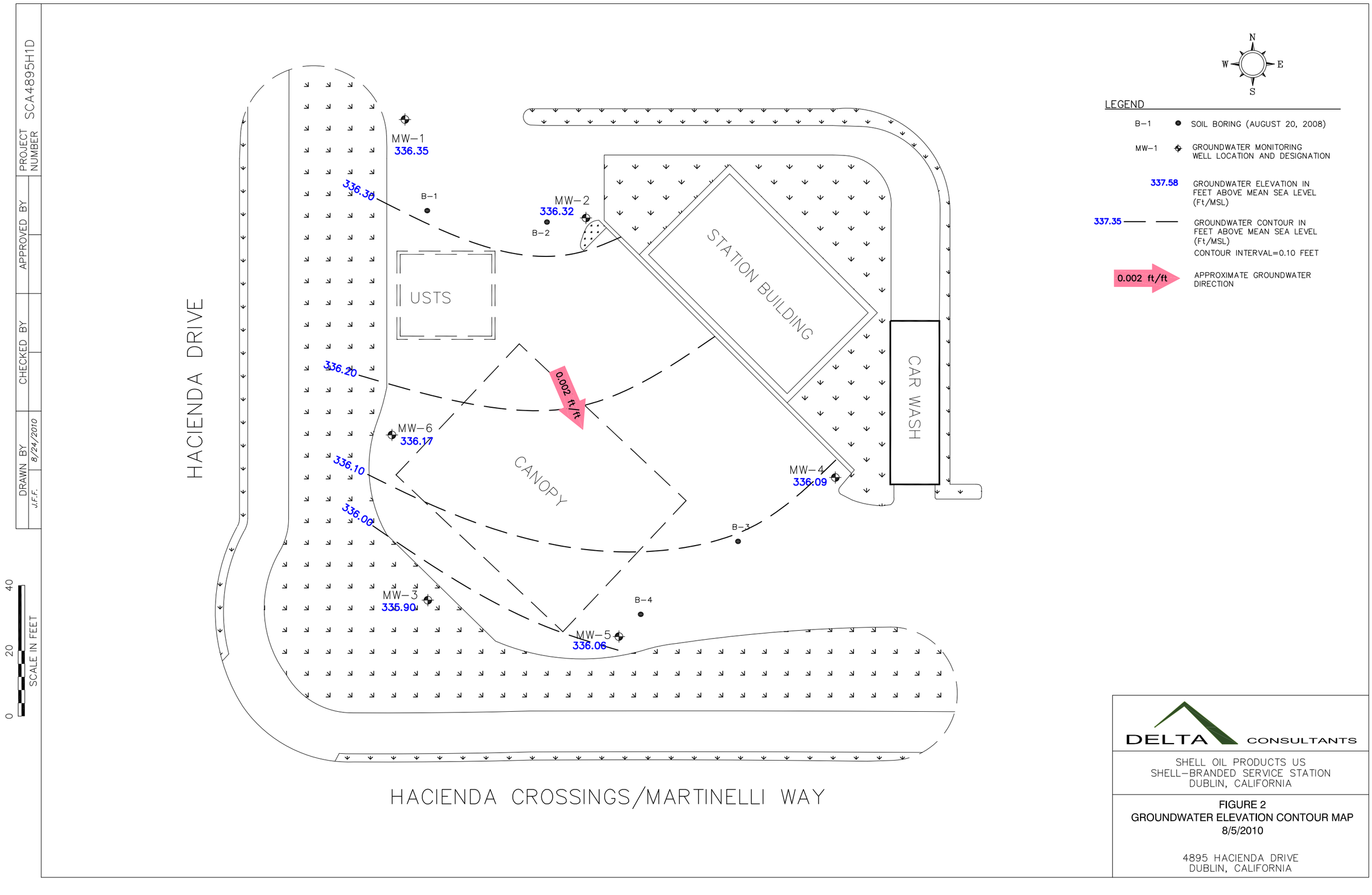
SITE LOCATION MAP

SHELL-BRANDED SERVICE STATION
4895 HACIENDA DRIVE
DUBLIN, CALIFORNIA

PROJECT NO. SCA4895H1	DRAWN BY AD SEPT, 2009
FILE NO.	PREPARED BY AD
REVISION NO. 2	REVIEWED BY

DELTA

PROJECT NUMBER	APPROVED BY	CHECKED BY	DRAWN BY
SCA4895H1D			J.F.F. 8/24/2010



DELTA CONSULTANTS

SHELL OIL PRODUCTS US
SHELL–BRANDED SERVICE STATION
DUBLIN, CALIFORNIA

FIGURE 2
GROUNDWATER ELEVATION CONTOUR MAP
8/5/2010

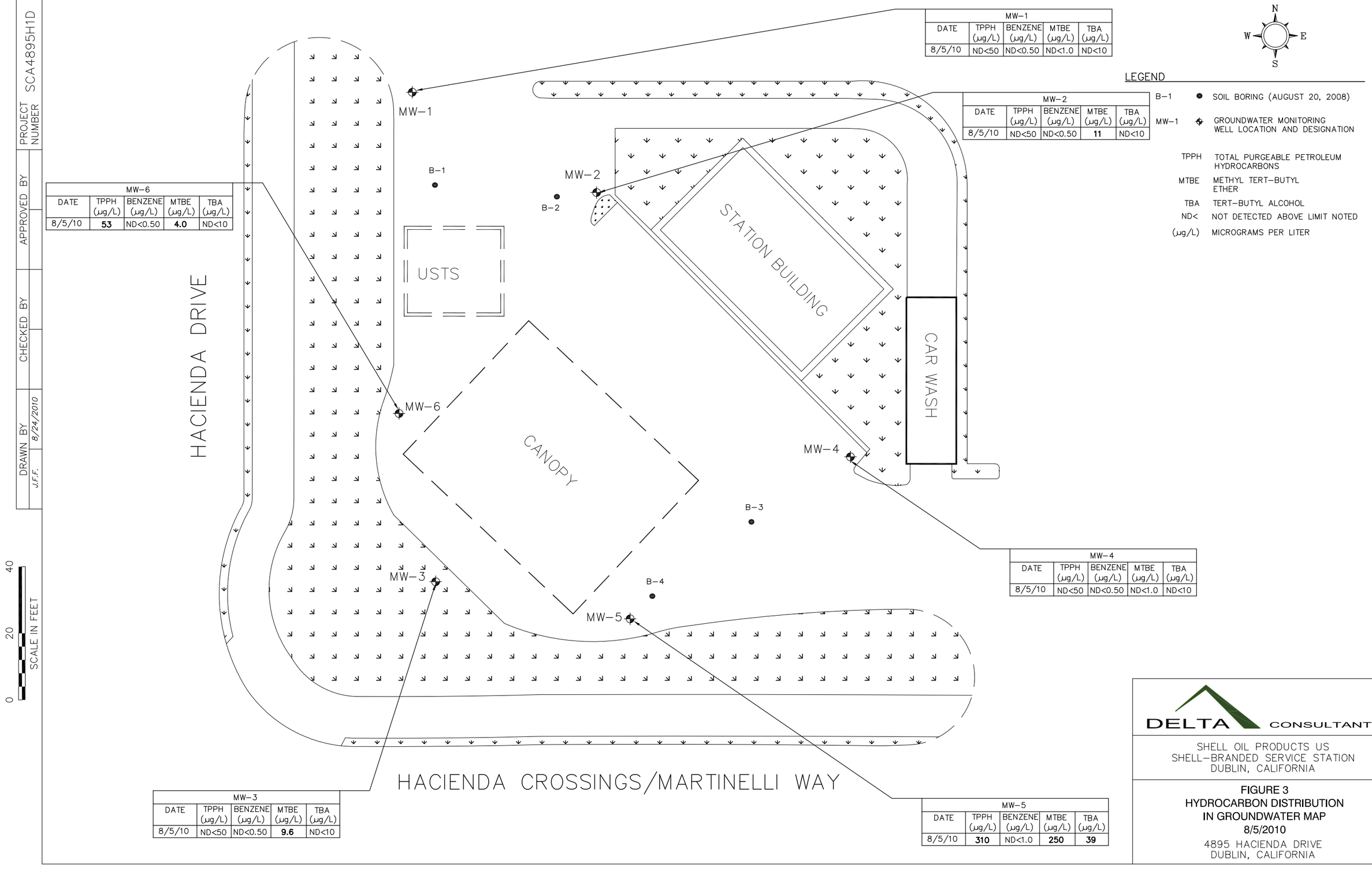
4895 HACIENDA DRIVE
DUBLIN, CALIFORNIA

PROJECT NUMBER SCA4895H1D

APPROVED BY

CHECKED BY

DRAWN BY J.F.F. 8/24/2010



MW-1				
DATE	TPPH (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
8/5/10	ND<50	ND<0.50	ND<1.0	ND<10

MW-2				
DATE	TPPH (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
8/5/10	ND<50	ND<0.50	**11**	ND<10

MW-6				
DATE	TPPH (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
8/5/10	**53**	ND<0.50	**4.0**	ND<10

LEGEND

B-1 ● SOIL BORING (AUGUST 20, 2008)

MW-1 ⊕ GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION

TPPH TOTAL PURGEABLE PETROLEUM HYDROCARBONS

MTBE METHYL TERT-BUTYL ETHER

TBA TERT-BUTYL ALCOHOL

ND< NOT DETECTED ABOVE LIMIT NOTED

(µg/L) MICROGRAMS PER LITER

MW-4				
DATE	TPPH (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
8/5/10	ND<50	ND<0.50	ND<1.0	ND<10

MW-3				
DATE	TPPH (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
8/5/10	ND<50	ND<0.50	**9.6**	ND<10

MW-5				
DATE	TPPH (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
8/5/10	**310**	ND<1.0	**250**	**39**

DELTA CONSULTANTS

SHELL OIL PRODUCTS US
SHELL-BRANDED SERVICE STATION
DUBLIN, CALIFORNIA

FIGURE 3
HYDROCARBON DISTRIBUTION IN GROUNDWATER MAP
8/5/2010

4895 HACIENDA DRIVE
DUBLIN, CALIFORNIA

TABLE

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
4895 Hacienda Drive
Dublin, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	3/15/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	349.33	11.65	337.68	NA
MW-1	3/19/2010	<50	<50 a	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<10	349.33	11.75	337.58	NA
MW-1	5/6/2010	<50	<50 a	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<10	349.33	11.99	337.34	NA
MW-1	**8/5/2010**	**<50**	**<50 a**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**349.33**	**12.98**	**336.35**	**NA**
MW-2	3/15/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	350.66	12.95	337.71	NA
MW-2	3/19/2010	230	<50 a	<0.50	<1.0	<1.0	<1.0	180	<2.0	<2.0	<2.0	<10	350.66	13.16	337.50	NA
MW-2	5/6/2010	100	<50 a	<0.50	<1.0	<1.0	<1.0	130	<2.0	<2.0	<2.0	<10	350.66	13.32	337.34	NA
MW-2	**8/5/2010**	**<50**	**<50 a**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**11**	**<2.0**	**<2.0**	**<2.0**	**<10**	**350.66**	**14.34**	**336.32**	**NA**
MW-3	3/15/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	350.18	12.62	337.56	NA
MW-3	3/19/2010	<50	<50 a	<0.50	<1.0	<1.0	<1.0	11	<2.0	<2.0	<2.0	<10	350.18	12.84	337.34	NA
MW-3	5/6/2010	<50	<50 a	<0.50	<1.0	<1.0	<1.0	6.9	<2.0	<2.0	<2.0	<10	350.18	13.51	336.67	NA
MW-3	**8/5/2010**	**<50**	**<50 a**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**9.6**	**<2.0**	**<2.0**	**<2.0**	**<10**	**350.18**	**14.28**	**335.90**	**NA**
MW-4	3/15/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	350.32	12.85	337.47	NA
MW-4	3/19/2010	<50	<50 a	<0.50	<1.0	<1.0	<1.0	3.3	<2.0	<2.0	<2.0	<10	350.32	12.98	337.34	NA
MW-4	5/6/2010	<50	<50 a	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<10	350.32	13.35	336.97	NA
MW-4	**8/5/2010**	**<50**	**<50 a**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**350.32**	**14.23**	**336.09**	**NA**
MW-5	3/15/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	350.31	12.80	337.51	NA
MW-5	3/19/2010	410	<50 a	<0.50	<1.0	<1.0	<1.0	310	<2.0	<2.0	<2.0	<10	350.31	12.99	337.32	NA
MW-5	5/6/2010	160	<50 a	<1.0	<2.0	<2.0	<2.0	210	<4.0	<4.0	<4.0	<20	350.31	13.21	337.10	NA
MW-5	**8/5/2010**	**310**	**<50 a**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**250**	**<4.0**	**<4.0**	**<4.0**	**39**	**350.31**	**14.25**	**336.06**	**NA**
MW-6	3/15/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	350.29	12.79	337.50	NA
MW-6	3/19/2010	<50	<50 a	<0.50	<1.0	<1.0	<1.0	18	<2.0	<2.0	<2.0	<10	350.29	12.84	337.45	NA
MW-6	5/6/2010	<50	<50 a	<0.50	<1.0	<1.0	<1.0	7.4	<2.0	<2.0	<2.0	<10	350.29	13.14	337.15	NA
MW-6	**8/5/2010**	**53**	**<50 a**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**4.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**350.29**	**14.12**	**336.17**	**NA**

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
4895 Hacienda Drive
Dublin, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (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
TEPH = Total petroleum hydrocarbons as diesel by EPA Method 8015
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B
MTBE = Methyl tertiary butyl ether by EPA Method 8260B
DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B
ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B
TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B
TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260B
TOC = Top of Casing Elevation
GW = Groundwater
DO = Dissolved Oxygen
ug/L = Parts per billion
ppm = Parts per million
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
n/n = Pre-purge/Post-purge Dissolved Oxygen Reading.
NA = Not applicable
ND = Not detected

Notes:
a = The sample extract was subjected to Silica Gel treatment proior to analysis.
Site surevey dated March 19, 2010 provided by Mid Coast Engineers, CA.

APPENDIX A

AGENCY CORRESPONDENCE

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

October 14, 2010

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

Carl Cox
CJC Hacienda LLC
4431 Stoneridge Drive #100
Pleasanton. CA 94588-8417

Subject: Work Plan Approval for Fuel Leak Case No. RO0002985 and Geotracker Global ID T10000000423, Shell #16-5112, 4895 Hacienda Drive, Dublin, CA 94568

Dear Mr. Brown:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above referenced site including the documents entitled, *"Additional Site Assessment Work Plan,"* dated September 10, 2010 (Work Plan). The Work Plan, which was prepared by Delta Consultants on behalf of Shell Oil Products, presents plans for soil and groundwater sampling and the installation of one groundwater monitoring well.

The proposed scope of work is acceptable and may be implemented as proposed. We request that you perform the proposed work and send us the reports described below.

TECHNICAL REPORT REQUEST

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

- **November 13, 2010** – Third Quarter 2010 Groundwater Monitoring Report
- **February 18, 2011** – Site Investigation Report

If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

Sincerely,

Jerry Wickham

Digitally signed by Jerry Wickham
DN: cn=Jerry Wickham, o=Alameda County Environmental Health, ou, email=Jerry.wickham@acgov.org, c=US
Date: 2010.10.14 18:21:01 -07'00'

Jerry Wickham, California PG 3766, CEG 1177, and CHG 297
Senior Hazardous Materials Specialist

Attachment: Responsible Party(ies) Legal Requirements/Obligations
Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Cheryl Dizon (QIC 8021), Zone 7 Water Agency, 100 North Canyons Pkwy, Livermore, CA 94551
(*Sent via E-mail to: cdizon@zone7water.com*)

Regina Bussard, Delta Environmental Consultants, Inc., 312 Piercy Road, San Jose, CA 95138
(*Sent via E-mail to: RBussard@deltaenv.com*)

Suzanne McClurkin-Nelson, Delta Environmental Consultants, Inc., 312 Piercy Road, San Jose, CA 95138 (*Sent via E-mail to: SMcClurkin-Nelson@deltaenv.com*)

Donna Drogos, ACEH (*Sent via E-mail to: donna.drogos@acgov.org*)
Jerry Wickham, ACEH (*Sent via E-mail to: jerry.wickham@acgov.org*)
Geotracker, File

Attachment 1

Responsible Party(ies) Legal Requirements/Obligations

REPORT REQUESTS

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) GeoTracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the GeoTracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in GeoTracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/electronic_submittal/report_rqmts.shtml.

PERJURY STATEMENT

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

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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

UNDERGROUND STORAGE TANK CLEANUP FUND

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

AGENCY OVERSIGHT

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

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	**ISSUE DATE:** July 5, 2005
	REVISION DATE: July 8, 2010
	PREVIOUS REVISIONS: December 16, 2005, October 31, 2005
SECTION: Miscellaneous Administrative Topics & Procedures	**SUBJECT:** Electronic Report Upload (ftp) Instructions

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

REQUIREMENTS

- Entire report including cover letter must be submitted to the ftp site as **a single portable document format (PDF) with no password protection**. (Please do not submit reports as attachments to electronic mail.)
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements **must** be included and have either original or electronic signature.
- **Do not password protect the document**. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted**.
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:
  RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Additional Recommendations

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

Submission Instructions

1) Obtain User Name and Password:
   a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
      i) Send an e-mail to dehloptoxic@acgov.org
         Or
      ii) Send a fax on company letterhead to (510) 337-9335, to the attention of Teena Le Khan.
   b) In the subject line of your request, be sure to include **"ftp PASSWORD REQUEST"** and in the body of your request, include the **Contact Information, Site Addresses**, and the **Case Numbers (RO# available in Geotracker) you will be posting for**.

2) Upload Files to the ftp Site
   a) Using Internet Explorer (IE4+), go to ftp://alcoftp1.acgov.org
      (i) Note: Netscape and Firefox browsers will not open the FTP site.
   b) Click on Page on upper right side of browser, and then scroll down to Open FTP Site in Windows Explorer.
   c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
   d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
   e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.

3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
   a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
   b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
   c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO#, use the street address instead.
   d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.

APPENDIX B

BLAINE TECH SERVICES, INC.
FIELD DATA SHEETS

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 4995 Hacienda Dr. Dublin CA Date 8-5-10

Job Number 100805-J2 Technician JO Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Well Box Meets Compliance Requirements *See Below	Water Bailed From Wellbox	Cap Replaced	Lock Replaced	Well Not Inspected (explain in notes)	New Deficiency Identified	Previously Identified Deficiency Persists	Notes
MW-1	X	X							
MW-2	X	X							
MW-3	X	X							
MW-4	X	X							
MW-5	X	X							
MW-6	X	X							

*Well box must meet all three criteria to be compliant: 1) WELL IS SECURABLE BY DESIGN (12"or less) 2) WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12"or less) 3) WELL TAG IS PRESENT, SECURE, AND CORRECT

Notes:

WELL GAUGING DATA

Project # 100805-JJ2 Date 8-5-10 Client Shell

Site 4895 Hacienda Dr. 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-1	0940	4					12.98	30.27		
MW-2	0952	4					14.34	29.92		
MW-3	0946	4					14.28	25.03		
MW-4	0955	4					14.23	27.32		
MW-5	0949	4					14.25	29.63		
MW-6	0943	4					14.12	25.25		

SHE WELL MONITORING DAT HEET

BTS #: 100805-SQ	Site: 4895 Hacienda Dr Dublin
Sampler: LD	Date: 8-5-10
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 30.27	Depth to Water (DTW): 12.98
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]: 16.44	

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:_____

11.2 (Gals.) X	3	=	33.6 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	radius^2 * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1002	66.6	7.64	1250	225	11.2	cloudy
1004	66.7	7.62	1254	182	22.4	" "
1006	66.3	7.59	1253	177	33.6	" "

Did well dewater? Yes (No) Gallons actually evacuated: 33.6

Sampling Date: 8-5-10 Sampling Time: 1010 Depth to Water: 13.92

Sample I.D.: MW-1 Laboratory: (CalScience) Columbia Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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

SHEET WELL MONITORING DATA SHEET

BTS #: 100805-SD2	Site: 4895 Hacienda Dr Dublin
Sampler: LD	Date: 8-5-10
Well I.D.: MW-2 ~~24.42~~ (D)	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 29.42	Depth to Water (DTW): 14.34
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]: 17.46	

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:_____

10.1 (Gals.) X 3 = 30.3 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	radius^2 * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1131	68.1	7.61	2506	331	10.1	cloudy
1133	67.9	7.51	2510	327	20.2	" "
1135	67.9	7.45	2503	316	30.3	" "

Did well dewater? Yes (No) Gallons actually evacuated: 30.3

Sampling Date: 8-5-10 Sampling Time: 1140 Depth to Water: 15.17

Sample I.D.: MW-2 Laboratory: (CalScience) Columbia Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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

SHEET WELL MONITORING DATA SHEET

BTS #: 100805-SJ2	Site: 4895 Hacienda Dr Dublin
Sampler: LD	Date: 8-5-16
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 25.03	Depth to Water (DTW): 14.28
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]: 16.43	

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: _____

6.9 (Gals.) X 3 = 20.7 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1050	64.7	7.41	3522	2.9	6.9	
1051	64.8	7.36	3527	33	13.8	
1053	64.9	7.34	3522	87	20.7	

Did well dewater? Yes (No) Gallons actually evacuated: 20.7

Sampling Date: 8-5-16 Sampling Time: 1100 Depth to Water: 15.9

Sample I.D.: MW-3 Laboratory: (CalScience) Columbia Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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

SHE WELL MONITORING DAT HEET

BTS #: 100805 SR2	Site: 4895 Hacienda Dr Dublin
Sampler: LD	Date: 8-5-10
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 27.32	Depth to Water (DTW): 14.23
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]: 16.85	

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: _____

8.5 (Gals.) X 3 = 25.5 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
1107	67.2	7.63	2362	629	8.5	cloudy
1109	67.3	7.28	2360	582	17.0	" "
1111	67.3	7.25	2361	524	25.5	" "
						25.5

Did well dewater? Yes (No) Gallons actually evacuated: 25.5

Sampling Date: 8-5-10 Sampling Time: 1115 Depth to Water: 15.29

Sample I.D.: MW-4 Laboratory: (CalScience) Columbia Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: see COC

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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

SHE. WELL MONITORING DAT. HEET

BTS #: 100805 · SRZ	Site: 4895 Hacienda Dr Dublin
Sampler: LD	Date: 8-5-16
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 29.63	Depth to Water (DTW): 14.25
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]: 17.33	

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: _____

9.9 (Gals.) X	3	= 29.7 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1032	65.9	7.56	1952	43	9.9	
1034	65.7	7.49	1954	39	19.8	
1036	65.7	7.41	1962	33	29.7	

Did well dewater? Yes (No) Gallons actually evacuated: 29.7

Sampling Date: 8-5-16 Sampling Time: 1040 Depth to Water: 15.66

Sample I.D.: MW-5 Laboratory: (CalScience) Columbia Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: see COC

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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

SHE WELL MONITORING DAT HEET

BTS #: 100805-SR2	Site: 4895 Hacienda Dr Dublin
Sampler: SD	Date: 8-5-16
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 25.25	Depth to Water (DTW): 14.12
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]: 16.35	

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: _____

7.2 (Gals.) X	3	=	21.6 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	radius^2 * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1016	64.2	7.53	2563	121	7.2	
1017	64.5	7.52	2567	118	14.4	
1019	64.8	7.47	2569	103	21.6	

Did well dewater? Yes (No) Gallons actually evacuated: 21.6

Sampling Date: 8-5-16 Sampling Time: 1025 Depth to Water: 15.22

Sample I.D.: MW-6 Laboratory: (CalScience) Columbia Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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 SITE INSPECTION CHECKLIST

Client Shell Date 5/7/10

Site Address 4895 Hacienda Dr. Dublin

Job Number 100507-BW2 Technician BW

Site Status Shell Branded Station Vacant Lot Other

Inspected / Labeled / Cleaned - all wells on Scope Of Work	☒	
Inspected / Cleaned Components - all other identifiable wells	☒	N/A
Inspected site for site investigation & site remediation related trip hazards	☒	
Completed all outstanding *BLAINE Wellhead Repair Order(s)*	☒	N/A
Completed *Shell Wellhead Repair Form(s)*	☒	N/A
Inspected treatment / remediation system compound for security, cleanliness and appearance	☐	N/A
Inspected vacant lot for signs of habitation, hazardous materials or terrain, overgrown vegetation and security	☐	N/A
Visually inspected site drums for condition and proper labeling	☐	N/A
Unresolved deficiencies identified - *"Notice of Deficient Condition"* form(s) completed	☒	N/A

Notes

PROJECT MANAGER ONLY

Checklist Reviewed _____ Initial/Date Notes

SHELL WELLHEAD REPAIR FORM
(FOR REPAIR TECHNICIAN)

Site Address 4895 Hacienda Dr. Dublin Date 5/7/10

Job Number 100507-BW2 Technician BW Page 1 of 1

Inspection Point (Well ID or description of location)	Well Inspected, Cleaned, Labeled - No Further Corrective Action Required	Replaced Cap	Replaced Lock	Replaced Lid Seal	Check Indicates deficiency: Casing	Annular Seal	Tabs / Bolts	Box Structure	Apron	Trip Hazard	Below Grade	Not Securable by Design (12" diameter or less)	Lid not marked with words "MONITORING WELL"	Other Deficiency	Not Securable by Design (greater than 12" diameter)	Well Not Inspected (explain in notes)	All Repairs Completed	Remaining Deficiencies Logged onto *BLAINE Repair Order*	Remaining Deficiencies Logged onto *Notice of Deficient Condition* - BLAINE Unable to Repair
MW-1							X										X		
	Notes: Retapped 2/2 Tabs - Tagged																		
	Well box type / size: 12" Morrison											Materials used: 2 bolts							
MW-2							X										X		
	Notes: Retapped 2/2 Tabs - Tagged																		
	Well box type / size: 12" Morrison											Materials used: 2 bolts							
MW-3							X										X		
	Notes: Retapped 2/2 Tabs - Tagged																		
	Well box type / size: 12" Morrison											Materials used: 2 bolts							
MW-4							X										X		
	Notes: Retapped 2/2 Tabs - Tagged																		
	Well box type / size: 12" Morrison											Materials used: 2 bolts							
MW-5							X				X						X		
	Notes: Retapped 2/2 Tabs - Tagged																		
	Well box type / size: 12" Morrison											Materials used: 2 bolts							
MW-6							X										X		
	Notes: Retapped 2/2 Tabs - Tagged																		
	Well box type / size: 12" Morrison											Materials used: 2 bolts							
	Notes:																		
	Well box type / size:											Materials used:							

APPENDIX C

BLAINE TECH SERVICES, INC.
FIELD PROCEDURES

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

August 20, 2010

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

Third Quarter 2010 Groundwater Monitoring at
Shell-Branded Service Station
4895 Hacienda Drive
Dublin, CA

Monitoring performed on August 5, 2010

Groundwater Monitoring Report **100805-JR-2**

This report covers the routine monitoring of groundwater wells at this Shell-branded service station. 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 Manager

MN/np

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

cc: Regina Bussard
Delta Environmental
175 Bernal Rd., Suite 200
San Jose, CA 95119

BLAINE TECH SERVICES, INC.
METHODS AND PROCEDURES
FOR THE ROUTINE MONITORING OF
GROUNDWATER WELLS AT SHELL SITES

Blaine Tech Services, Inc. performs environmental sampling and documentation as an independent third party. We specialize in groundwater monitoring assignments and intentionally limit the scope of our services to those centered on the generation of objective information.

To avoid conflicts of interest, Blaine Tech Services, Inc. personnel do not evaluate or interpret the information we collect. As a state licensed contractor (C-57 well drilling –water – 746684) performing strictly technical services, we do not make any professional recommendations and perform no consulting of any kind.

SAMPLING PROCEDURES OVERVIEW

SAFETY

All groundwater monitoring assignments performed for Shell comply with Shell's safety guidelines, 29 CFR 1910.120 and SB-198 Injury and Illness Prevention Program (IIPP). All Field Technicians receive the full 40-hour 29CFR 1910.120 OSHA SARA HAZWOPER course, medical clearance and on-the-job training prior to commencing any work on any Shell site.

INSPECTION AND GAUGING

Wells are inspected prior to evacuation and sampling. The condition of the wellhead is checked and noted according to a wellhead inspection checklist.

Standard measurements include the depth to water (DTW) and the total well depth (TD) obtained with industry standard electronic water level indicators that are graduated in increments of hundredths of a foot.

The water in each well is inspected for the presence of immiscibles. When free product is suspected, its presence is confirmed using an electronic interface probe (e.g. MMC). No samples are collected from a well containing over two-hundredths of a foot (0.02') of product.

EVACUATION

Depth to water measurements are collected by our personnel prior to purging and minimum purge volumes are calculated anew for each well based on the height of the water column and the diameter of the well. Expected purge volumes are never less than three case volumes and are set at no less than four case volumes in some jurisdictions.

Well purging devices are selected on the basis of the well diameter and the total volume to be evacuated. In most cases the well will be purged using an electric submersible pump (i.e. Grundfos) suspended near (but not touching) the bottom of the well.

PARAMETER STABILIZATION

Well purging completion standards include minimum purge volumes, but additionally require stabilization of specific groundwater parameters prior to sample collection. Typical groundwater parameters used to measure stability are electrical conductivity, pH, and temperature. Instrument readings are obtained at regular intervals during the evacuation process (no less than once per case volume).

Stabilization standards for routine quarterly monitoring of fuel sites include the following: Temperature is considered to have stabilized when successive readings do not fluctuate more than +/- 1 degree Celsius. Electrical conductivity is considered stable when successive readings are within 10%. pH is considered to be stable when successive readings remain constant or vary no more than 0.2 of a pH unit.

DEWATERED WELLS

Normal evacuation removes no less than three case volumes of water from the well. However, less water may be removed in cases where the well dewaters and does not immediately recharge.

MEASURING RECHARGE

Upon completion of well purging, a depth to water measurement is collected and notated to ensure that the well has recharged to within 80% of its static, pre-purge level prior to sampling.

Wells that do not immediately show 80% recharge or dewatered wells will be allowed a minimum of 2 hours to recharge prior to sampling. The water level at time of sampling will be noted.

PURGEWATER CONTAINMENT

All non-hazardous purgewater evacuated from each groundwater monitoring well is captured and contained in on-board storage tanks on the Sampling Vehicle and/or special water hauling trailers. Effluent from the decontamination of reusable apparatus (sounders, electric pumps and hoses etc.), consisting of groundwater combined with deionized water and non-phosphate soap, is also captured and pumped into effluent tanks.

Non-hazardous purgewater is transported under standard Bill of Lading documentation to a Blaine Tech Services, Inc. facility before being transported to a Shell approved disposal facility.

SAMPLE COLLECTION DEVICES

All samples are collected using a stainless steel, Teflon or disposable bailers.

SAMPLE CONTAINERS

Sample material is decanted directly from the sampling bailer into sample containers provided by the laboratory that will analyze the samples. The transfer of sample material from the bailer to the sample container conforms to specifications contained in the USEPA T.E.G.D. The type of sample container, material of construction, method of closure and filling requirements are specific to the intended analysis. Chemicals needed to preserve the sample material are commonly placed inside the sample containers by the laboratory or glassware vendor prior to delivery of the bottle to our personnel. The laboratory sets the number of replicate containers.

TRIP BLANKS

Trip Blanks, if requested, are taken to the site and kept inside the sample cooler for the duration of the event. They are turned over to the laboratory for analysis with the samples from that site.

DUPLICATES

Duplicates, if requested, may be collected at a site. The Field Technician uses their discretion in choosing the well at which the Duplicate is collected, typically one suspected of containing measurable contaminants. The Duplicate sample is labeled "DUP" and the time of collection is omitted from the COC, thus rendering the sample blind.

SAMPLE STORAGE

All sample containers are promptly placed in food grade ice chests for storage in the field and transport (direct or via our facility) to the designated analytical laboratory. These ice chests contain quantities of restaurant grade ice as a refrigerant material. The samples are maintained in either an ice chest or a refrigerator until relinquished into the custody of the laboratory or laboratory courier.

DOCUMENTATION CONVENTIONS

A label must be affixed to all sample containers. In most cases these labels are generated by our office personnel and are partially preprinted. Labels can also be hand written by our field personnel. The site is identified with the store number and site address, as is the particular groundwater well from which the sample is drawn (e.g. MW-1, MW-2, S-1 etc.). The time and date of sample collection along with the initials of the person who collects the sample are handwritten onto the label.

Chain of Custody records are created using client specific preprinted forms following USEPA specifications.

Bill of Lading records are contemporaneous records created in the field at the site where the non-hazardous purgewater is generated. Field Technicians use preprinted Bill of Lading forms.

DECONTAMINATION

All equipment is brought to the site in clean and serviceable condition and is cleaned after use in each well and before subsequent use in any other well. Equipment is decontaminated before leaving the site.

The primary decontamination device is a commercial steam cleaner. The steam cleaner is de-tuned to function as a hot pressure washer that is then operated with high quality deionized water that is produced at our facility and stored onboard our sampling vehicle. Cleaning is facilitated by the use of proprietary fixtures and devices included in the patented workstation (U.S. Patent 5,535,775) that is incorporated in each sampling vehicle. The steam cleaner is used to decon reels, pumps and bailers.

Any sensitive equipment or parts (i.e. Dissolved Oxygen sensor membrane, water level indicator, etc.) that cannot be washed using the high pressure water, will be sprayed with a non-phosphate soap and deionized water solution and rinsed with deionized water.

DISSOLVED OXYGEN READINGS

Dissolved Oxygen readings are taken pre- and/or post-purge using YSI meters (e.g. YSI Model 54, 58 or 95) or HACH field test kits.

The YSI meters are equipped with a stirring device that enables them to collect accurate in-situ readings. The probe/stirring devices are modified to allow downhole measurements to be taken from wells with diameters as small as two inches. The probe and reel is decontaminated between wells as described above. The meter is calibrated between wells as per the instructions in the operating manual. The probe and stirrer is lowered into the water column. The reading is allowed to stabilize prior to collection.

OXYIDATON REDUCTION POTENTIAL READINGS

All readings are obtained with either Corning or Myron-L meters (e.g. Corning ORP-65 or a Myron-L Ultrameter GP). The meter is cleaned between wells as described above. The meter is calibrated at the start of each day according to the instruction manual.

FERROUS IRON MEASUREMENTS

All field measurements are collected at time of sampling with a HACH test kit.

APPENDIX D

CERTIFIED ANALYTICAL REPORT WITH CHAIN-OF-CUSTODY DOCUMENTATION

Calscience
Environmental
Laboratories, Inc.

August 16, 2010

Michael Ninokata
Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Subject: **Calscience Work Order No.: 10-08-0617**
Client Reference: 4895 Hacienda Dr., San Ramon Road, Dub, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 8/7/2010 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

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

Sincerely,

Calscience Environmental
Laboratories, Inc.
Xuan H. Dang
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received: 08/07/10
1680 Rogers Avenue	Work Order No: 10-08-0617
San Jose, CA 95112-1105	Preparation: EPA 3510C
	Method: EPA 8015B

Project: 4895 Hacienda Dr., San Ramon Road, Dub, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1	**10-08-0617-1-D**	**08/05/10 10:10**	**Aqueous**	**GC 27**	**08/10/10**	**08/11/10 11:57**	**100810B12**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	91	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-2	**10-08-0617-2-D**	**08/05/10 11:40**	**Aqueous**	**GC 27**	**08/10/10**	**08/11/10 12:14**	**100810B12**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	105	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-3	**10-08-0617-3-D**	**08/05/10 11:00**	**Aqueous**	**GC 27**	**08/10/10**	**08/11/10 12:32**	**100810B12**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	104	68-140	

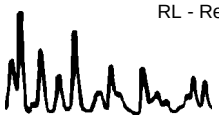
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-4	**10-08-0617-4-D**	**08/05/10 11:15**	**Aqueous**	**GC 27**	**08/10/10**	**08/11/10 12:50**	**100810B12**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	103	68-140	

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



Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	08/07/10
1680 Rogers Avenue		Work Order No:	10-08-0617
San Jose, CA 95112-1105		Preparation:	EPA 3510C
		Method:	EPA 8015B

Project: 4895 Hacienda Dr., San Ramon Road, Dub, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-5	**10-08-0617-5-D**	**08/05/10 10:40**	**Aqueous**	**GC 27**	**08/10/10**	**08/11/10 13:08**	**100810B12**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	107	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-6	**10-08-0617-6-D**	**08/05/10 10:25**	**Aqueous**	**GC 27**	**08/10/10**	**08/11/10 13:25**	**100810B12**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	106	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-211-1,767**	**N/A**	**Aqueous**	**GC 27**	**08/10/10**	**08/10/10 19:49**	**100810B12**

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	86	68-140	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	08/07/10
1680 Rogers Avenue		Work Order No:	10-08-0617
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 4895 Hacienda Dr., San Ramon Road, Dub, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1	**10-08-0617-1-A**	**08/05/10 10:10**	**Aqueous**	**GC/MS CC**	**08/12/10**	**08/13/10 01:35**	**100812L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	113	80-126			1,2-Dichloroethane-d4	109	80-131		
Toluene-d8	100	80-120			Toluene-d8-TPPH	102	88-112		
1,4-Bromofluorobenzene	96	80-120							

MW-2	**10-08-0617-2-A**	**08/05/10 11:40**	**Aqueous**	**GC/MS CC**	**08/12/10**	**08/13/10 03:38**	**100812L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	11	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	114	80-126			1,2-Dichloroethane-d4	108	80-131		
Toluene-d8	100	80-120			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	96	80-120							

MW-3	**10-08-0617-3-A**	**08/05/10 11:00**	**Aqueous**	**GC/MS CC**	**08/12/10**	**08/13/10 04:09**	**100812L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	9.6	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	114	80-126			1,2-Dichloroethane-d4	109	80-131		
Toluene-d8	99	80-120			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	95	80-120							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	08/07/10
1680 Rogers Avenue		Work Order No:	10-08-0617
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 4895 Hacienda Dr., San Ramon Road, Dub, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-4	**10-08-0617-4-A**	**08/05/10 11:15**	**Aqueous**	**GC/MS CC**	**08/12/10**	**08/13/10 04:39**	**100812L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	117	80-126			1,2-Dichloroethane-d4	113	80-131		
Toluene-d8	99	80-120			Toluene-d8-TPPH	104	88-112		
1,4-Bromofluorobenzene	96	80-120							

MW-5	**10-08-0617-5-A**	**08/05/10 10:40**	**Aqueous**	**GC/MS CC**	**08/12/10**	**08/13/10 05:10**	**100812L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	1.0	2		Tert-Butyl Alcohol (TBA)	39	20	2	
Ethylbenzene	ND	2.0	2		Diisopropyl Ether (DIPE)	ND	4.0	2	
Toluene	ND	2.0	2		Ethyl-t-Butyl Ether (ETBE)	ND	4.0	2	
Xylenes (total)	ND	2.0	2		Tert-Amyl-Methyl Ether (TAME)	ND	4.0	2	
Methyl-t-Butyl Ether (MTBE)	250	2.0	2		TPPH	310	100	2	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	117	80-126			1,2-Dichloroethane-d4	112	80-131		
Toluene-d8	97	80-120			Toluene-d8-TPPH	104	88-112		
1,4-Bromofluorobenzene	95	80-120							

MW-6	**10-08-0617-6-A**	**08/05/10 10:25**	**Aqueous**	**GC/MS CC**	**08/12/10**	**08/13/10 05:40**	**100812L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	4.0	1.0	1		TPPH	53	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	115	80-126			1,2-Dichloroethane-d4	112	80-131		
Toluene-d8	101	80-120			Toluene-d8-TPPH	103	88-112		
1,4-Bromofluorobenzene	94	80-120							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	08/07/10
1680 Rogers Avenue		Work Order No:	10-08-0617
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 4895 Hacienda Dr., San Ramon Road, Dub, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-767-4,452**	**N/A**	**Aqueous**	**GC/MS CC**	**08/12/10**	**08/13/10 01:04**	**100812L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	116	80-126			1,2-Dichloroethane-d4	110	80-131		
Toluene-d8	99	80-120			Toluene-d8-TPPH	102	88-112		
1,4-Bromofluorobenzene	95	80-120							

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: 08/07/10
Work Order No: 10-08-0617
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 4895 Hacienda Dr., San Ramon Road, Dub, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-1	**Aqueous**	**GC/MS CC**	**08/12/10**	**08/13/10**	**100812S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	96	96	80-120	0	0-20	
Ethylbenzene	93	94	73-127	1	0-20	
Toluene	97	96	80-120	2	0-20	
Methyl-t-Butyl Ether (MTBE)	95	98	65-131	3	0-22	
Tert-Butyl Alcohol (TBA)	95	96	62-134	0	0-20	
Diisopropyl Ether (DIPE)	99	101	64-136	2	0-29	
Ethyl-t-Butyl Ether (ETBE)	89	92	70-124	3	0-20	
Tert-Amyl-Methyl Ether (TAME)	83	83	71-125	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Blaine Tech Services, Inc.	Date Received:	N/A
1680 Rogers Avenue	Work Order No:	10-08-0617
San Jose, CA 95112-1105	Preparation:	EPA 3510C
	Method:	EPA 8015B

Project: 4895 Hacienda Dr., San Ramon Road, Dub, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-211-1,767	**Aqueous**	**GC 27**	**08/10/10**	**08/10/10**	**100810B12**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	92	95	75-117	2	0-13	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Blaine Tech Services, Inc.		Date Received:	N/A
1680 Rogers Avenue		Work Order No:	10-08-0617
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B

Project: 4895 Hacienda Dr., San Ramon Road, Dub, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-4,452	**Aqueous**	**GC/MS CC**	**08/12/10**	**08/13/10**	**100812L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	93	80-120	10	0-20	
Ethylbenzene	102	93	80-123	10	0-20	
Toluene	104	95	80-120	9	0-20	
Methyl-t-Butyl Ether (MTBE)	104	95	75-123	10	0-25	
Tert-Butyl Alcohol (TBA)	99	93	72-126	7	0-20	
Diisopropyl Ether (DIPE)	108	98	75-129	10	0-22	
Ethyl-t-Butyl Ether (ETBE)	101	92	76-124	10	0-20	
Tert-Amyl-Methyl Ether (TAME)	93	82	79-121	12	0-20	
TPPH	97	97	65-135	0	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 10-08-0617

Qualifier	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
B	Analyte was present in the associated method blank.
E	Concentration exceeds the calibration range.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- [x] CALSCIENCE (_____)
- [ ] SPL (_____)
- [ ] XENCO (_____)
- [ ] TEST AMERICA (_____)
- [ ] OTHER (_____)

Please Check Appropriate Box:
- [ ] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [x] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER

Print Bill To Contact Name: Regina Bussard

INCIDENT # (ENV SERVICES): 97795893

- [ ] CHECK IF NO INCIDENT # APPLIES

DATE: 8-5-10

PAGE: 1 of 1

PO #:

SAP #:

SAMPLING COMPANY: Blaine Tech Services

LOG CODE: BTSS

ADDRESS: 1680 Rogers Ave, San Jose, CA 95112

SITE ADDRESS: Street and City: 4895 Hacienda Dr., San Ramon Road, Dub CA

State:

GLOBAL ID NO.: T10000000423

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

EDF DELIVERABLE TO (Name, Company, Office Location): Angela Pico, Delta, San Jose Office

PHONE NO.: 408.826.1862

E-MAIL: apico@deltaenv.com

CONSULTANT PROJECT NO.: 100805-502

BTS #:

TELEPHONE: (408)573-0555

FAX: (408)573-7771

E-MAIL: mninokata@blainetech.com

SAMPLER NAME(S) (Print): Scortz

LAB USE ONLY: 10-08-0617

TURNAROUND TIME (CALENDAR DAYS):
- [x] STANDARD (14 DAY)
- [ ] 5 DAYS
- [ ] 3 DAYS
- [ ] 2 DAYS
- [ ] 24 HOURS
- [ ] RESULTS NEEDED ON WEEKEND

- [ ] LA - RWQCB REPORT FORMAT
- [ ] UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

CC Regina Bussard w/final report rbussard@deltaenv.com

Run TPH-d w/Silica Gel Clean Up

- [ ] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [x] RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
1	MW-1	8-5-10	1010	W	3			2		5	X	X	X	X										
2	MW-2		1140								X	X	X	X										
3	MW-3		1100								X	X	X	X										
4	MW-4		1115								X	X	X	X										
5	MW-5		1046								X	X	X	X										
6	MW-6		1025								X	X	X	X										

Relinquished by: (Signature)	Received by: (Signature)	Date: 8-5-10	Time: 1445
Relinquished by: (Signature)	Received by: (Signature) Tom O'Malley CEL	Date: 8/6/10	Time: 1620
Relinquished by: (Signature) CEL 8-6-10 1730	Received by: (Signature) CEL	Date: 8/7/10	Time: 0930

05/2/06 Revision

6617

GSO

WebShip > > > > >

800-322-5555 www.gso.com

Ship From:
ALAN KEMP
CAL SCIENCE- CONCORD
5063 COMMERCIAL CIRCLE #H
CONCORD, CA 94520

Ship To:
SAMPLE RECEIVING
CEL
7440 LINCOLN WAY
GARDEN GROVE, CA 92841

COD:
$0.00

Reference:
BTS

Delivery Instructions:

Signature Type:
SIGNATURE REQUIRED

Tracking #: 514699503

SDS

ORC **D**

GARDEN GROVE

D92843A

83728512

Print Date : 08/06/10 13:19 PM

Package 1 of 3

Send Label To Printer ☑ Print All Edit Shipment Finish

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

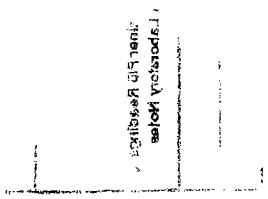
STEP 1 - Use the "Send Label to Printer" button on this page to print the shipping label on a laser or inkjet printer.
STEP 2 - Fold this page in half.
STEP 3 - Securely attach this label to your package, do not cover the barcode.
STEP 4 - Request an on-call pickup for your package, if you do not have scheduled daily pickup service or Drop-off your package at the nearest GSO drop box. Locate nearest GSO dropbox locations using this link.

ADDITIONAL OPTIONS:

Send Label Via Email Create Return Label

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all the service terms and conditions described in this section.
Our liability for loss or damage to any package is limited to your actual damages or $100 whichever is less, unless you pay for and declare a higher authorized value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your loss or damage. In any event, we will not be liable for any damage, whether direct, incidental, special or consequential, in excess of the declared value of a shipment whether or not we had knowledge that such damage might be incurred including but not limited to loss of income or profit. We will not be liable for your acts or omissions, including but not limited to improper or insufficient packaging, securing, marking or addressing. Also, we will not be liable if you or the recipient violates any of the terms of our agreement. We will not be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, act of public enemies, war, strikes, or civil commotion. The highest declared value for our GSO Priority Letter or GSO Priority Package is $500. For other shipments the highest declared value is $10,000 unless your package contains items of "extraordinary value", in which case the highest declared value we allow is $500. Items of "extraordinary value" include, but or not limited to, artwork, jewelry, furs, precious metals, tickets, negotiable instruments and other items with intrinsic value.



Calscience Environmental Laboratories, Inc.

WORK ORDER #: 10-08-0 6 1 9

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: BTS

DATE: 08/7/10

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature > 8 °C + 0.5 °C (CF) = 3.3 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only Initial: YL

CUSTODY SEALS INTACT:

☑ Cooler ☐_____ ☐ No (Not Intact) ☐ Not Present ☐ N/A Initial: YL

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: KP

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Residual Chlorine / Dissolved Sulfide received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☑	☐	☐
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☑	☐	☐
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☑3VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☑7500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐500PB ☐500PBna ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** KP

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** WSC

Preservative: h: HCL n: HNO_3 na_2:$Na_2S_2O_3$ na: NaOH p: H_3PO_4 s: H_2SO_4 znna: $ZnAc_2$+NaOH f: Field-filtered **Scanned by:** WSC