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By loprojectop at 9:31 am, May 16, 2006

May 15, 2006

Denis L. Brown

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

Shell Oil Products US
HSE – Environmental Services
20945 S. Wilmington Ave.
Carson, CA 90810-1039
Tel (707) 865 0251
Fax (707) 865 2542
Email denis.l.brown@shell.com

Re: Well Destruction, Well Installation and Groundwater Monitoring Report – First Quarter 2006
Former Shell Service Station
2800 Telegraph Avenue
Oakland, California
SAP Code 129450
Incident No. 97093398

Dear Mr. Wickham:

Attached for your review and comment is a copy of the *Well Destruction, Well Installation and Groundwater Monitoring Report – First Quarter 2006* for the above referenced site. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

If you have any questions or concerns, please call me at (707) 865-0251.

Sincerely,

Denis L. Brown
Project Manager

May 15, 2006

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

RECEIVED

By loprojectop at 9:31 am, May 16, 2006

Re: **Well Destruction, Well Installation and
Groundwater Monitoring Report – First Quarter 2006**

Former Shell Service Station/Current KFC Restaurant
2800 Telegraph Avenue
Oakland, California
SAP Code 129450
Incident No. 97093398
ACHCSA Fuel Case No. RO0000009



Dear Mr. Wickham:

Cambria Environmental Technology, Inc. (Cambria) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell) to document the recent site activities to destroy and replace onsite monitoring well S-3; and also includes the groundwater monitoring report for the first quarter of 2006 submitted in accordance with the quarterly reporting requirements of 23 CCR Section 2652d. The destruction of onsite well S-3 and the installation of onsite replacement well S-3R concludes the efforts proposed in Cambria's August 4, 2005 *Site Investigation Work Plan*, approved by Alameda County Health Care Services Agency (ACHCSA) correspondence dated August 22, 2005. The destruction of on and offsite wells SR-1, S-1, S-4, S-5, and S-10, also proposed in Cambria's August 4, 2005 work plan, was completed on November 11, 2005, and was reported in Cambria's December 20, 2005 *Monitoring Well Destruction Report*. The work discussed below was performed in accordance ACHCSA and Regional Water Quality Control Board (RWQCB) guidelines.


SITE DESCRIPTION

The site is former Shell service station located on the northeast corner of the intersection of 28th Street and Telegraph Avenue in Oakland, California (Figures 1 and 2). The site is currently occupied by a Kentucky Fried Chicken/Pizza Hut restaurant. The site is surrounded by mixed commercial and residential development. A sensitive receptor survey performed in 2001 did not indicate the presence of any wells within ½ mile of the site. The nearest surface water bodies are Glen Echo Creek located ¼ mile east (upgradient) of the site, and Lake Merritt located over ½ mile to the southeast of the site.

**Cambria
Environmental
Technology, Inc.**

270 Perkins Street
Sonoma, CA 95476
Tel (707) 935-4850
Fax (707) 935-6649

WELL DESTRUCTION ACTIVITIES



Previously missing monitoring well S-3 (Figure 2) was located buried in the planter area adjacent to the sidewalk along 28th Street. The metal well casing was bent at the top and the well was partially fill with soil and other debris thus preventing the ability to obtain depth to water data, collect a groundwater sample, or assess if separate phase hydrocarbons were present. Cambria obtained well destruction permit W2005-0905 (S-3/S-3R) from Alameda County Public Works Agency (ACPWA) prior to the well destruction activities (Appendix A). Because of the proximity of a nearby underground electrical conduit and constraints associated with the location of the well in the planter, the well could not be over-drilled as planned. Monitoring well S-3 was destroyed with pressure grout on March 10, 2006 by Gregg Drilling and Testing, Inc. of Martinez, California (Gregg), under the observation of Cambria field staff. The well casing was filled with cement grout, pressure seals were placed on top of the well casing and additional cement grout was pumped under pressure into the well casing so as to force the grout through the well screen out into the filter pack material at approximately 25 pounds per square inch for 5 minutes. Once the well was completely grouted, the area was covered with surrounding soils to match the existing site conditions. No soil cuttings were generated during the well destruction activity.

The Department of Water Resources Well Completion Reports have been completed and are included in Appendix B.

WELL INSTALLATION ACTIVITIES

Site Investigation Activities: Cambria installed one new onsite groundwater monitoring well (S-3R) on March 10, 2006. A description of the well installation activities is presented below.

Personnel Present: Cambria geologist Bill DeBoer directed the field activities, working under the supervision of California Professional Geologist Ana Friel (PG 6452).

Permit: Well permit number W2005-0905-S-3/S-3R was obtained from ACPWA and is included as Appendix A.

Drilling Company: Gregg Drilling, Inc. of Martinez, California (C57 License No. 485165).



- Drilling Date:*** March 10, 2006.
- Drilling Method:*** Ten-inch hollow-stem augers (HSA).
- Number of Borings:*** One soil boring (S-3R) was drilled and converted into a groundwater monitoring well. Boring specifications are described in Table 1 and the location is shown on Figure 2.
- Boring Depth:*** Fourteen feet below grade (fbg).
- Soil Sampling Methods:*** Cambria logged soil from the boring using the Unified Soil Classification System and Munsell Soil Color Charts. Encountered soils are described on the exploratory boring log presented in Appendix C. Soil samples were collected continuously for sediment description, potential chemical analysis, and head-space analysis. Soil samples were screened for the presence of organic vapors using a photo-ionization detector (PID) and these values are recorded on the boring log.
- Sediment Lithology:*** Soil types beneath the site consist of four inches of asphalt, underlain by gravel with sand to three feet, silt or silt with gravel to thirteen feet, and sandy silt from 13 feet to the maximum explored depth of 14 feet below grade. A detailed boring log is included as Appendix C.
- Groundwater Depth:*** During drilling activities, groundwater was observed in the boring at approximately 9 fbg.
- Chemical Analyses:*** Soil samples collected from the boring were analyzed for total petroleum hydrocarbons as gasoline (TPHg), and benzene, toluene, ethyl benzene and total xylenes (BTEX) by EPA Method 8260B. The certified analytical report is presented in Appendix D.
- Soil Disposal:*** Soil generated during the installation of well S-3R was stockpiled onsite, covered with plastic sheeting, sampled, and

profiled for disposal. On April 3, 2006, Manley and Sons Trucking, Inc of Sacramento, California transported approximately 0.81 tons of soil to Allied Waste Industries Forward Landfill in Manteca, California. The soil disposal documentation is included in Appendix E.

Well Materials:

Well S-3R was constructed using four-inch diameter Schedule 40 PVC casing with a screen slot size of 0.020-inch and #2/12 Monterey sand.

Screened Intervals:

Well S-3R was screened from 5 to 14 fbg. The well construction details are presented on Table 1 and recorded on the boring log in Appendix C.

Well Development:

Blaine Tech Services, Inc. (Blaine) of San Jose, California developed well S-3R on March 13, 2006 using surge block agitation and pump evacuation. The well development data is included in Appendix F.

Well Sampling:

Blaine gauged, purged, and sampled wells S-3R, S-6, and S-8 on March 17, 2006. The wells were sampled for TPHg, BTEX, and methyl tertiary butyl ether (MTBE) by EPA Method 8260B. The well sampling data is included in the Blaine Table in Appendix F.

Wellhead Survey:

Virgil Chavez Land Surveying (VCLS) of Vallejo, California surveyed the horizontal locations and top of casing elevations for wells S-6 and S-8 relative to mean sea level on March 22, 2006. At that time a vehicle was parked over monitoring well S-3R and a survey was not able to be performed for that well. On April 13, 2006 VCLS returned to the site to survey this well. The results of both surveys are presented in Appendix G.

HYDROCARBON DISTRIBUTION IN SOIL

Four soil samples were collected from the boring during the installation of monitoring well S-3R, at depths of 5.5, 8.5, 10.0, and 13.5 fbg. TPHg was detected at depths of 8.5 and 10 fbg at concentrations of 60 and 1,100 milligrams per kilogram (mg/kg), respectively. Ethylbenzene was

detected at a depth of 10 fbg with a concentration of 3.7 mg/kg. No benzene, toluene, or xylenes were detected in any soil samples collected.

The soil chemical analytical data is summarized in Table 2. The TPHg and benzene concentrations in the soil samples are presented on Figure 2, and the certified analytical laboratory reports and chain of custody documentation are presented in Appendix D.

HYDROCARBON DISTRIBUTION IN GROUNDWATER



TPHg was detected in wells S-3R, S-6, and S-8 at concentrations of 6,930 micrograms per liter ($\mu\text{g/l}$), 9,760 $\mu\text{g/l}$, and 10,000 $\mu\text{g/l}$, respectively. Benzene was detected in wells S-3R, S-6, and S-8 at concentrations of 1.99 $\mu\text{g/l}$, 15.4 $\mu\text{g/l}$, and 84 $\mu\text{g/l}$, respectively. TEX constituents were detected in all wells with maximum concentrations of 14.9 $\mu\text{g/l}$ (S-8), 126 $\mu\text{g/l}$ (S-3R), and 95.8 $\mu\text{g/l}$ (S-8), respectively. No MTBE was detected in any of the samples.

The groundwater chemical analytical data, and the certified analytical laboratory reports and chain of custody documentation are presented in Appendix F. The TPHg and benzene concentrations in the groundwater samples are presented on Figure 3.

RECOMMENDATIONS

Cambria recommends that the newly installed onsite well S-3R be gauged, monitored and reported on a quarterly schedule. Cambria also recommends that to better assess TPHg concentration trends in wells S-6 and S-7, they should return to a quarterly sampling schedule. Finally, given the continuous absence of MTBE in the site groundwater, additional analysis of MTBE is not warranted and should be discontinued, and the analytical suite for wells S-3R, S-6, and S-8 should only include TPHg and BTEX, with annual analysis for the five oxygenates.

Blaine will gauge and sample wells S-3R, S-6, and S-8, according to the existing and proposed monitoring program and will prepared a summary table of field gauging and laboratory analytical data. Cambria will prepare a groundwater monitoring report.

C A M B R I A

CLOSING

If you have any questions regarding the contents of this document, please call Dennis Baertschi at (707) 268-3813.

Sincerely,

Cambria Environmental Technology, Inc.



M. M. Lee
for Dennis Baertschi
Project Geologist

Joe Neely
for Ana Friel, PG
Senior Project Geologist



Attachments

- | | |
|-------------|--|
| Table 1. | Well/Boring Data |
| Table 2. | Soil Analytical Data |
| Figure 1. | Site Vicinity/Well Location Map |
| Figure 2. | Soil Chemical Concentration Map |
| Figure 3. | Groundwater Elevation/Groundwater Chemical Concentration Map |
| Appendix A. | Permit |
| Appendix B. | Department of Water Resources Well Completion Reports |
| Appendix C. | Boring Log |
| Appendix D. | Certified Analytical Reports |
| Appendix E. | Soil Disposal Documentation |
| Appendix F. | Blaine Tech Services, Inc., - Well Development and Sampling Data |
| Appendix G. | Virgil Chavez Land Surveying Results |

cc: Mr. Denis Brown, Shell Oil Products US, P.O. Box 7869, Burbank, CA 91510-7869

Table 1. Well/Boring Data, Former Shel Service Station, 2800 Telegraph, Oakland, California

Well/ Boring ID	Boring Type	Completion Date	TOC Elev (ft msl)	Total Depth (fbg)	Soil Sample Interval or Depths Ft)	GW Depth*		Screen Diam. (In)	Screen Depth (ft)		Comments
						First Encountered	Static		Top	Bottom	
HB-1	Geoprobe	21-May-04	-	16	C	10	-	-	-	-	
HB-2	Geoprobe	21-May-04	-	18	C	12	-	-	-	-	
HB-3	Geoprobe	21-May-04	-	14	C	11	-	-	-	-	
S-3	HSA Well	NA	33.56	28	C	14	9.22	4	3	27	Well Destroyed on 3/10/06
S-3R	HSA Well	10-Mar-06	32.65	14	C	9	4.28	4	5	14	This well replaced S-3 as onsite source well

Abbreviations:

TOC = Top of Casing referenced to mean sea level (msl)

Elev = Elevation

GW = Groundwater

ft = feet

ft msl = Feet referenced to mean sea level

fbg = Feet below grade

C = Continuous

Diam. = Diameter

In = inches

HSA = Hollow-stem auger

CPT = Cone penetration test

* = First encountered groundwater in fbg measured on drilling date; static groundwater in wells measured in feet below TOC on initial sampling date.

Table 2. Soil Analytical Data, Former Shell Service Station, 2800 Telegraph Avenue, Oakland, California

Sample	Depth (fbg)	Date Sampled	TPHg (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	MTBE (mg/kg)	EDB (mg/kg)	EDC (mg/kg)
S-3R-5.5	5.5	10-Mar-06	<0.85	<0.0043	<0.0043	<0.0043	<0.0085	NA	NA	NA
S-3R-8.5	8.5	10-Mar-06	60	<0.97	<0.97	<0.97	<1.9	NA	NA	NA
S-3R-10	10	10-Mar-06	1,100	<0.87	<0.87	3.7	<1.7	NA	NA	NA
S-3R-13.5	13.5	10-Mar-06	<0.94	<0.0047	<0.0047	<0.0047	<0.0094	NA	NA	NA
HB-1	5	21-May-04	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HB-1	8	21-May-04	<50	<0.50	1.4	<0.50	2.1	<0.50	<0.50	<0.50
HB-1	10	21-May-04	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HB-1	15	21-May-04	510	<0.50	2.2	9.4	53	<0.50	<0.50	<0.50
HB-2	5	21-May-04	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HB-2	8	21-May-04	16	<0.025	<0.025	0.34	0.46	<0.025	<0.025	<0.025
HB-2	12	21-May-04	2.6	<0.0050	<0.0050	0.020	0.030	<0.0050	<0.0050	<0.0050
HB-2	15	21-May-04	<1.0	<0.0050	<0.0050	<0.0050	0.0051	<0.0050	<0.0050	<0.0050
HB-2	17.5	21-May-04	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HB-3	5	21-May-04	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
HB-3	7	21-May-04	4,900	<5.0	9.3	81	490	<5.0	<5.0	<5.0
HB-3	11	21-May-04	4.8	<0.0050	<0.0050	0.034	0.17	<0.0050	<0.0050	<0.0050
HB-3	13.5	21-May-04	120	<0.50	<0.50	2.3	12	<0.50	<0.50	<0.50

Abbreviations:

fbg = Feet below grade

mg/kg = Milligrams per kilogram (parts per million)

<x = Not detected at reporting limit x.

The following constituents were analyzed by EPA Method 8260:

TPHg = Total petroleum hydrocarbons as gasoline

BTEX = Benzene, toluene, ethylbenzene, and xylenes

MTBE = Methyl tertiary butyl ether

EDB = Ethylene dibromide

EDC = Ethylene dichloride

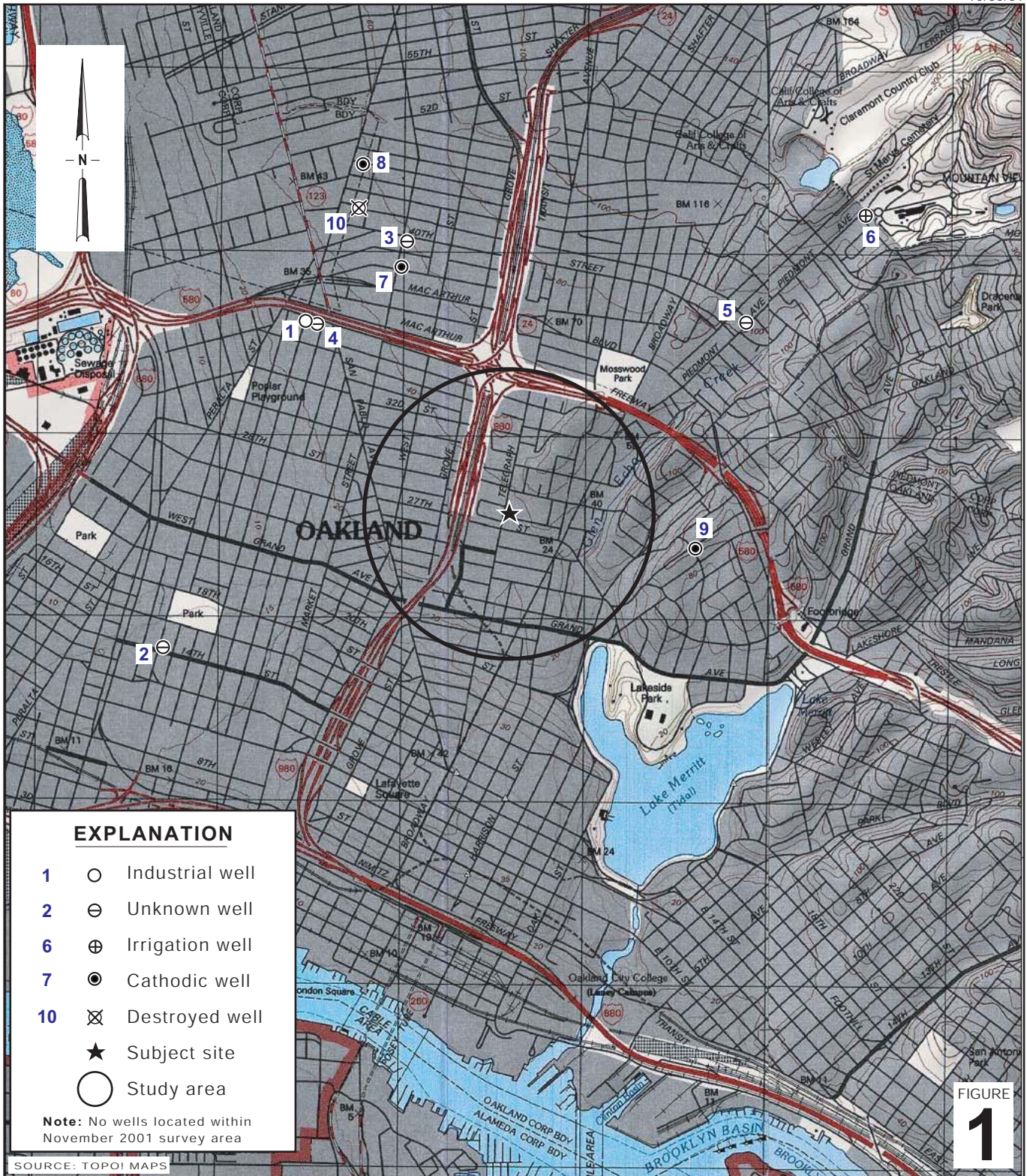


FIGURE 1

1507

SOURCE: TOPOI MAPS

0 1/4 1/2 1 2
SCALE : 1" = 1/2 MILE

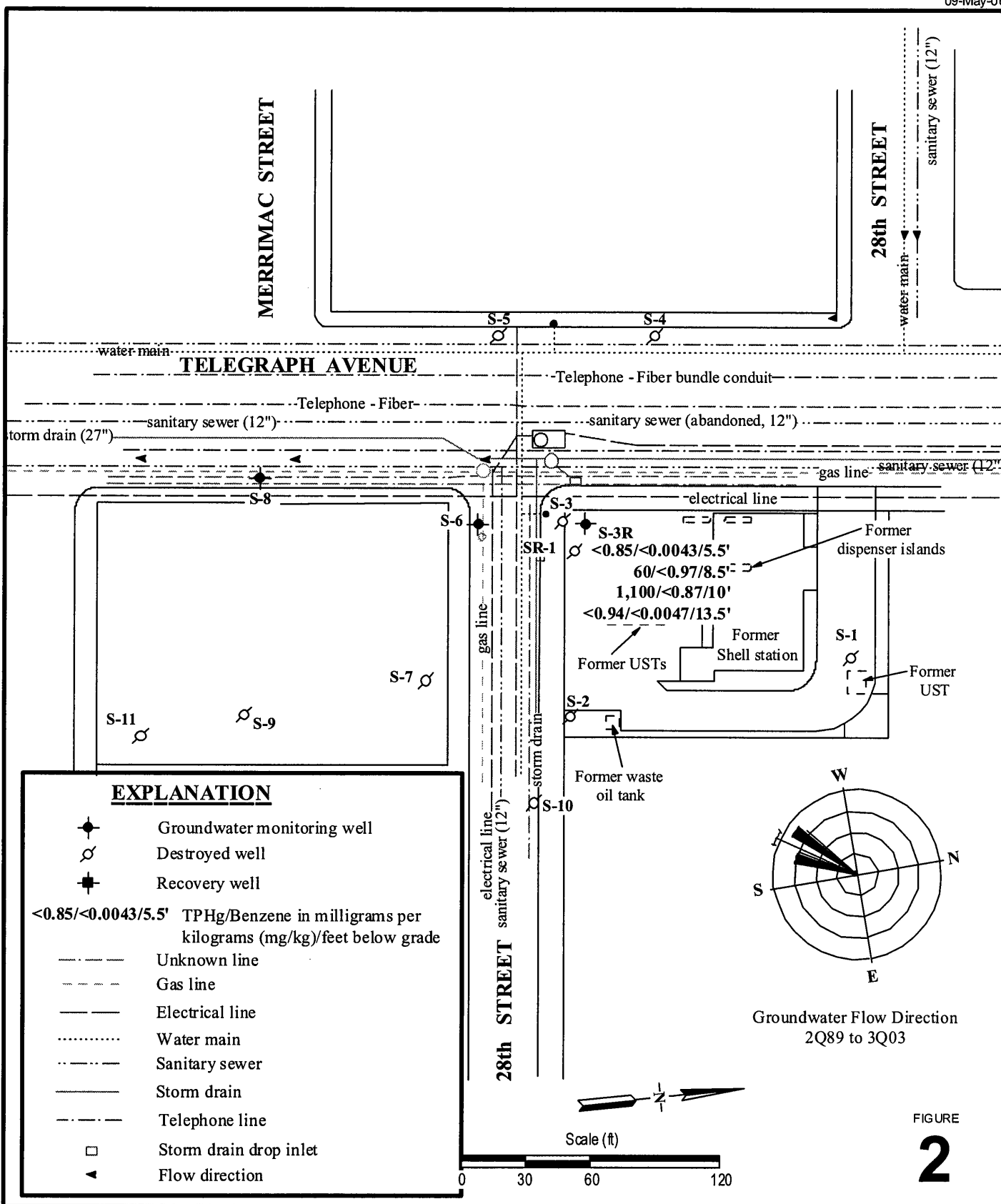
**Former Shell Service Station /
Current KFC Restaurant**
2800 Telegraph Avenue
Oakland, California



C A M B R I A

**Site Vicinity and Well
Location Map**

(1/2 Mile Radius)



1507

Former Shell Service Station
2800 Telegraph Avenue
Oakland, California



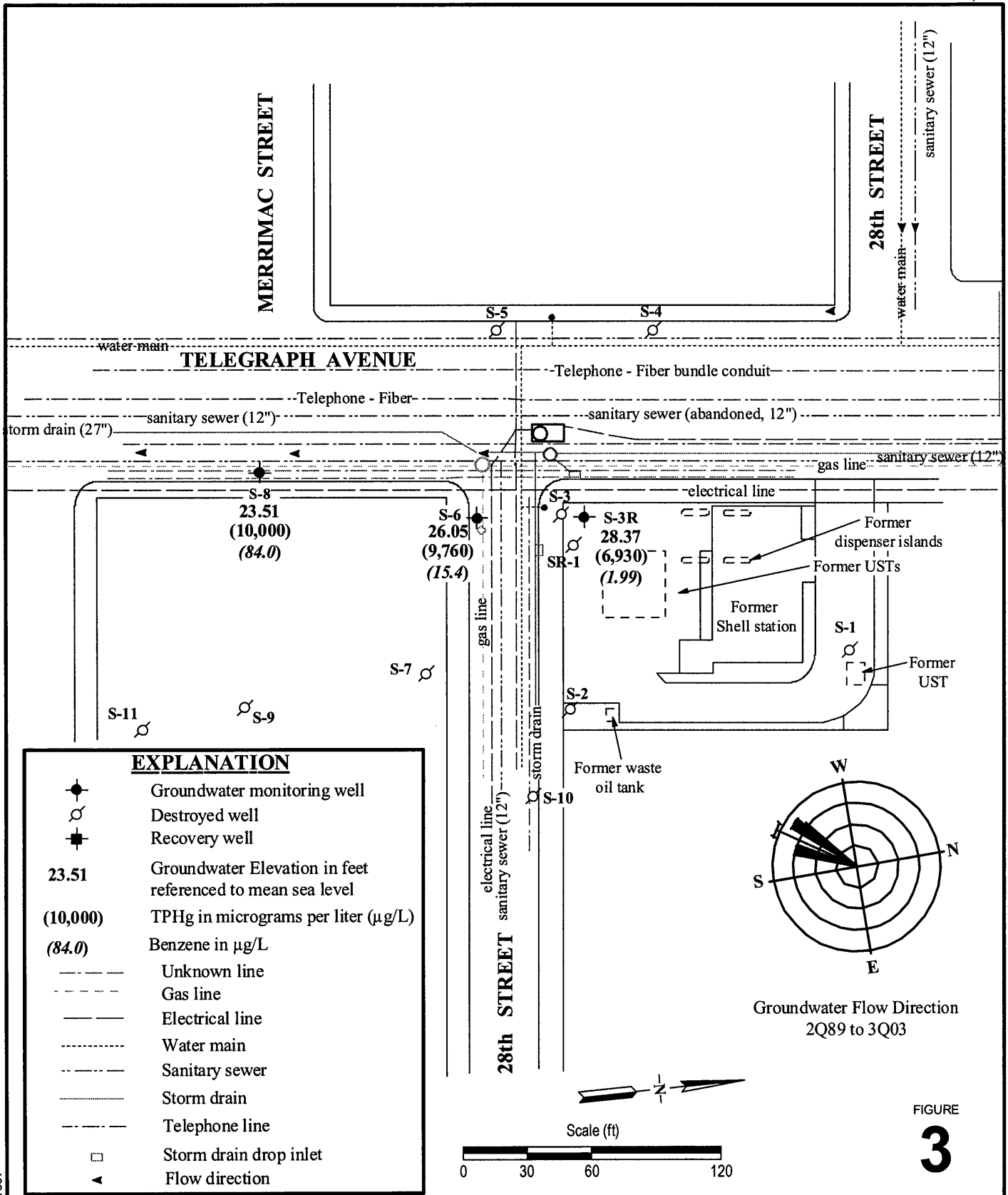
CAMBRIA

Soil Chemical Concentration Map

March 10, 2006

FIGURE

2



Former Shell Service Station
 2800 Telegraph Avenue
 Oakland, California

**Groundwater Elevation/Groundwater
 Chemical Concentration Map**



CAMBRIA

March 17, 2006

FIGURE
3

1507

Appendix A

Permit

Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 09/12/2005 **By** jamesy
Permits Issued: W2005-0901 to W2005-0905

Receipt Number: WR2005-2113
Permits Valid from 11/10/2005 **to** 04/07/2006

Application Id: 1126560438765
Site Location: 2800 Telegraph Avenue, Oakland, CA 94609
Project Start Date: 11/10/2005

City of Project Site: Oakland
Completion Date: 04/07/2006

Applicant: Cambria Environmental - Stewart A Dalie IV
5900 Hollis St #A, Emeryville, CA 94608
Property Owner: Shell Oil Products Company
20945 Wilmington, Carson, CA 90810
Client: ** same as Property Owner **

Phone: 510-420-3339
Phone: 707-865-0251

Total Due: \$1500.00
Total Amount Paid: \$1500.00
Paid By: CHECK **PAID IN FULL**

Works Requesting Permits:

Well Destruction-Monitoring - 3 Wells
Driller: Gregg Drilling - Lic #: 485165 - Method: auger

Work Total: \$900.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2005-0901	09/12/2005	02/08/2006	S10	10.00 in.	4.00 in.	15.00 ft	15.00 ft			
W2005-0902	09/12/2005	02/08/2006	S4	10.00 in.	4.00 in.	15.00 ft	15.00 ft			
W2005-0903	09/12/2005	02/08/2006	S5	10.00 in.	4.00 in.	15.00 ft	15.00 ft			

Specific Work Permit Conditions

1. Drilling Permit(s) can be voided/ cancelled only in writing. It is the applicant's responsibility to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.
2. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.
3. Applicant shall submit the copies of the approved encroachment permit to this office within 60 days.
4. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost and liability in connection with or resulting from the exercise of this Permit including, but not limited to, property damage, personal injury and wrongful death.
5. Applicant shall contact George Bolton for an inspection time at 510-670-5594 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

Alameda County Public Works Agency - Water Resources Well Permit

6. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

7. Pressure Grout with Cement (Less than 30 ft in depth)

8. Prior to installation of any monitoring wells into any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

9. Tremie Grout with Cement (More than 30 ft in depth)

Well Construction-Monitoring-Monitoring - 2 Wells

Driller: Gregg Drilling - Lic #: 485165 - Method: drill

Work Total: \$600.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2005-0904	09/12/2005	02/08/2006	S-1/SR-1	10.00 in.	4.00 in.	15.00 ft	15.00 ft
W2005-0905	09/12/2005	02/08/2006	S-3/SR-3	10.00 in.	4.00 in.	15.00 ft	15.00 ft

Specific Work Permit Conditions

1. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, property damage, personal injury and wrongful death.

2. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

3. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained.

4. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.

Alameda County Public Works Agency - Water Resources Well Permit

5. Drill out & Replace with New Well
 6. Applicant shall submit the copies of the approved encroachment permit to this office within 60 days.
 7. Applicant shall contact George Bolton for an inspection time at 510-670-5594 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
 8. Wells shall have a Christy box or similar structure with a locking cap or cover. Well(s) shall be kept locked at all times. Well(s) that become damaged by traffic or construction shall be repaired in a timely manner or destroyed immediately (through permit process). No well(s) shall be left in a manner to act as a conduit at any time.
 9. Minimum surface seal thickness is two inches of cement grout placed by tremie
 10. Minimum seal depth for monitoring wells is 5 feet below ground surface(BGS) or the maximum depth practicable or 20 feet.
-

Appendix B

Department of Water Resources Well Completion Reports



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

BORING/WELL LOG

CLIENT NAME Equilon Enterprises LLC dba Shell Oil Products US BORING/WELL NAME S-3R
 JOB/SITE NAME Former Shell Service Station DRILLING STARTED 10-Mar-05
 LOCATION 2800 Telegraph Avenue, Oakland, California DRILLING COMPLETED 10-Mar-06
 PROJECT NUMBER 248-1507-006 WELL DEVELOPMENT DATE (YIELD) NA
 DRILLER Gregg Drilling GROUND SURFACE ELEVATION 33.33 ft above msl
 DRILLING METHOD Hollow-stem auger TOP OF CASING ELEVATION 32.65 ft above msl
 BORING DIAMETER 10" SCREENED INTERVALS 5 to 14 fbg
 LOGGED BY B. DeBoer DEPTH TO WATER (First Encountered) 9.0 fbg (10-Mar-06)
 REVIEWED BY D. Baertchie DEPTH TO WATER (Static) NA
 REMARKS Air knife to 5 fbg.

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					GW GM		Asphalt GRAVEL with Sand (GW-GM); 10YR 2/2; moist; 10% silt, 20% coarse sand, 70% coarse angular gravel; high estimated permeability; large concrete pieces present.	0.3	
							SILT with Gravel (ML); 10YR 2/1; moist; 10% clay, 75% silt, 15% coarse gravel; low estimated permeability; very stiff.	3.0	
2.5	5 9 14 2 6 8 8	S-3R-5.5		5			SILT (ML); 10YR 3/6; moist; 15% clay, 75% silt, 10% fine sand; low estimated permeability; stiff.		
18	8 14 7	S-3R-8.5			ML		SILT (ML); GLEY 4/5G; wet; 20% clay, 80% silt; moderate estimated permeability; green mottling and hydrocarbon odor present; very stiff.		
812	8 12 10 12 6 7 7	S-3R-10		10					
16	7	S-3R-13.5					Sandy SILT (ML); 10YR 3/2; wet; 10% clay, 50% silt, 30% fine sand, 10% fine gravel; moderate estimated permeability; stiff.	14.0	

WELL LOG (PID) O:\OAKLAN-2\GINT\1507.GPJ DEFAULT.GDT 5/8/06

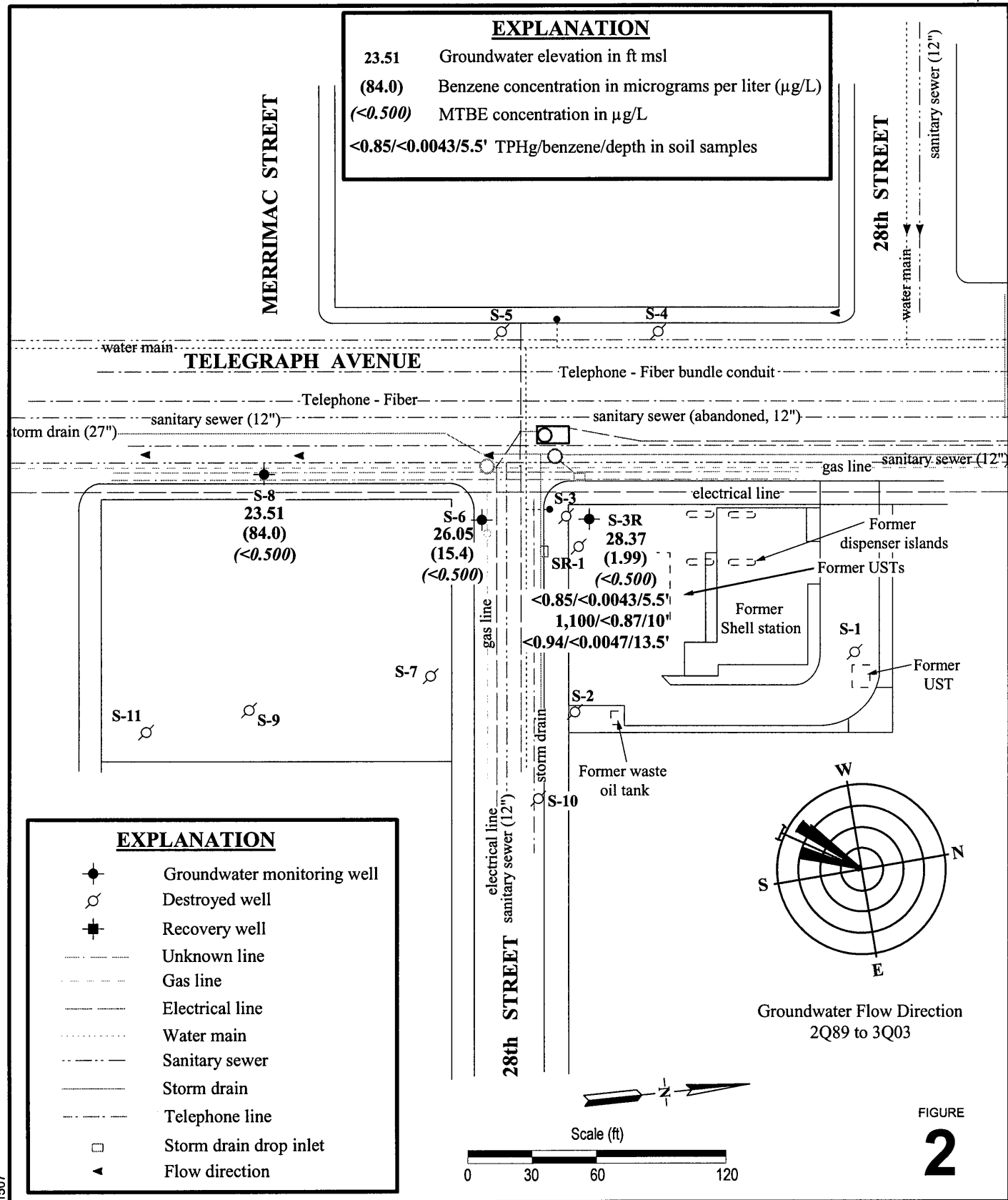


FIGURE
2

Former Shell Service Station
 2800 Telegraph Avenue
 Oakland, California



CAMBRIA

Groundwater Elevation/Chemical Concentration Map

March 10 and 17, 2006

1507

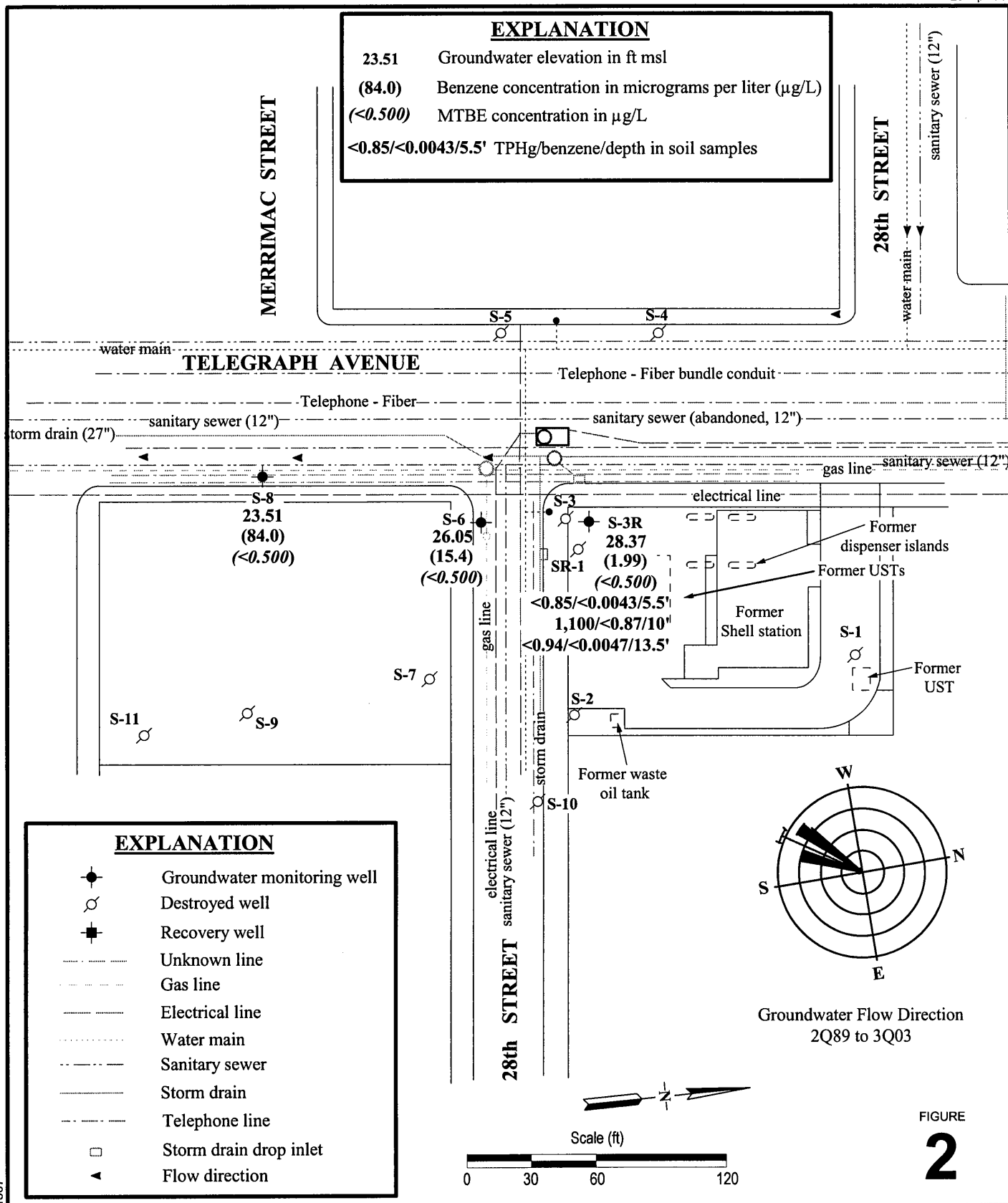


FIGURE
2

1507

Former Shell Service Station
2800 Telegraph Avenue
Oakland, California



CAMBRIA

**Groundwater Elevation/Chemical
Concentration Map**

March 10 and 17, 2006

Appendix C
Boring Log



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

BORING/WELL LOG

CLIENT NAME Equilon Enterprises LLC dba Shell Oil Products US BORING/WELL NAME S-3R
 JOB/SITE NAME Former Shell Service Station DRILLING STARTED 10-Mar-05
 LOCATION 2800 Telegraph Avenue, Oakland, California DRILLING COMPLETED 10-Mar-06
 PROJECT NUMBER 248-1507-006 WELL DEVELOPMENT DATE (YIELD) NA
 DRILLER Gregg Drilling GROUND SURFACE ELEVATION 33.33 ft above msl
 DRILLING METHOD Hollow-stem auger TOP OF CASING ELEVATION 32.65 ft above msl
 BORING DIAMETER 10" SCREENED INTERVALS 5 to 14 fbg
 LOGGED BY B. DeBoer DEPTH TO WATER (First Encountered) 9.0 fbg (10-Mar-06) ▽
 REVIEWED BY D. Baertchie DEPTH TO WATER (Static) NA ▽
 REMARKS Air knife to 5 fbg.

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					GW GM		Asphalt GRAVEL with Sand (GW-GM); 10YR 2/2; moist; 10% silt, 20% coarse sand, 70% coarse angular gravel; high estimated permeability; large concrete pieces present.	0.3	
							SILT with Gravel (ML); 10YR 2/1; moist; 10% clay, 75% silt, 15% coarse gravel; low estimated permeability; very stiff.	3.0	
2.5	5 9 14 2 6 8	S-3R-5.5		5			SILT (ML); 10YR 3/6; moist; 15% clay, 75% silt, 10% fine sand; low estimated permeability; stiff.		
18	8 14 7	S-3R-8.5			ML		SILT (ML); GLEY 4/5G; wet; 20% clay, 80% silt; moderate estimated permeability; green mottling and hydrocarbon odor present; very stiff.	▽	
812	8 12 10 12 6 7 7	S-3R-10		10					
16	7	S-3R-13.5					Sandy SILT (ML); 10YR 3/2; wet; 10% clay, 50% silt, 30% fine sand, 10% fine gravel; moderate estimated permeability; stiff.	14.0	

WELL LOG (PID) 0:\OAKLAN-2\GINT\1507.GPJ DEFAULT.GDT 5/8/06

Appendix D
Certified Analytical Results



ANALYTICAL REPORT

Job Number: 720-2538-1

Job Description: 2800 Telegraph Ave Oakland

For:
Cambria Environmental Tech
5900 Hollis Street, Suite A
Emeryville, CA 94508

Attention: Dennis Baertschi

A handwritten signature in black ink that reads "Melissa Brewer".

Melissa Brewer
Project Manager I
mbrewer@stl-inc.com
03/23/2006

cc: Mr. Bill DeBoer

Project Manager: Melissa Brewer

METHOD SUMMARY

Client: Cambria Environmental Tech

Job Number: 720-2538-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	STL-SF	SW846 8260B	
Purge and Trap for Solids	STL-SF		SW846 5030B
Purge-and-Trap for Aqueous Samples/High	STL-SF		SW846 5030B

LAB REFERENCES:

STL-SF = STL-San Francisco

METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986
And Its Updates.

SAMPLE SUMMARY

Client: Cambria Environmental Tech

Job Number: 720-2538-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-2538-1	S-3R-5.5	Solid	03/10/2006 0912	03/10/2006 1820
720-2538-2	S-3R-8.5	Solid	03/10/2006 0919	03/10/2006 1820
720-2538-3	S-3R-10	Solid	03/10/2006 0922	03/10/2006 1820
720-2538-4	S-3R-13.5	Solid	03/10/2006 0930	03/10/2006 1820

Analytical Data

Client: Cambria Environmental Tech

Job Number: 720-2538-1

Client Sample ID: S-3R-5.5

Lab Sample ID: 720-2538-1
Client Matrix: Solid

Date Sampled: 03/10/2006 0912
Date Received: 03/10/2006 1820

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-6777	Instrument ID: Saturn 3900B
Preparation:	5030B		Lab File ID: c:\saturaws\data\200603\03
Dilution:	1.0		Initial Weight/Volume: 5.86 g
Date Analyzed:	03/18/2006 1644		Final Weight/Volume: 10 mL
Date Prepared:	03/18/2006 1644		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0043
Ethylbenzene		ND		0.0043
Toluene		ND		0.0043
Xylenes, Total		ND		0.0085
Gasoline Range Organics (GRO)-C6-C12		ND		0.85
Surrogate		%Rec		Acceptance Limits
Toluene-d8		92		70 - 130
1,2-Dichloroethane-d4		87		60 - 140

Analytical Data

Client: Cambria Environmental Tech

Job Number: 720-2538-1

Client Sample ID: S-3R-8.5

Lab Sample ID: 720-2538-2
Client Matrix: Solid

Date Sampled: 03/10/2006 0919
Date Received: 03/10/2006 1820

8260B Volatile Organic Compounds by GC/MS

Method: 8260B	Analysis Batch: 720-6738	Instrument ID: Varian 3900A
Preparation: 5030B-Medium	Prep Batch: 720-6739	Lab File ID: c:\saturnws\data\200603\03
Dilution: 200		Initial Weight/Volume: 5.18 g
Date Analyzed: 03/20/2006 1407		Final Weight/Volume: 10 mL
Date Prepared: 03/20/2006 1110		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.97
Ethylbenzene		ND		0.97
Toluene		ND		0.97
Xylenes, Total		ND		1.9
Gasoline Range Organics (GRO)-C6-C12		60		48
Surrogate		%Rec		Acceptance Limits
Toluene-d8		107		50 - 130
1,2-Dichloroethane-d4		121		60 - 140

Analytical Data

Client: Cambria Environmental Tech

Job Number: 720-2538-1

Client Sample ID: S-3R-10

Lab Sample ID: 720-2538-3
 Client Matrix: Solid

Date Sampled: 03/10/2006 0922
 Date Received: 03/10/2006 1820

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-6738	Instrument ID: Varian 3900A
Preparation:	5030B-Medium	Prep Batch: 720-6739	Lab File ID: c:\saturnws\data\200603\03
Dilution:	200		Initial Weight/Volume: 5.77 g
Date Analyzed:	03/20/2006 1429		Final Weight/Volume: 10 mL
Date Prepared:	03/20/2006 1110		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.87
Ethylbenzene		3.7		0.87
Toluene		ND		0.87
Xylenes, Total		ND		1.7
Gasoline Range Organics (GRO)-C6-C12		1100		43
Surrogate		%Rec		Acceptance Limits
Toluene-d8		99		50 - 130
1,2-Dichloroethane-d4		114		60 - 140

Analytical Data

Client: Cambria Environmental Tech

Job Number: 720-2538-1

Client Sample ID: S-3R-13.5

Lab Sample ID: 720-2538-4
Client Matrix: Solid

Date Sampled: 03/10/2006 0930
Date Received: 03/10/2006 1820

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-6777 Instrument ID: Saturn 3900B
Preparation: 5030B Lab File ID: c:\saturnws\data\200603\03
Dilution: 1.0 Initial Weight/Volume: 5.32 g
Date Analyzed: 03/18/2006 1710 Final Weight/Volume: 10 mL
Date Prepared: 03/18/2006 1710

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0047
Ethylbenzene		ND		0.0047
Toluene		ND		0.0047
Xylenes, Total		ND		0.0094
Gasoline Range Organics (GRO)-C6-C12		ND		0.94
Surrogate		%Rec		Acceptance Limits
Toluene-d8		93		70 - 130
1,2-Dichloroethane-d4		91		60 - 140

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description
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Quality Control Results

Client: Cambria Environmental Tech

Job Number: 720-2538-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Prep Batch: 720-6739				
LCS 720-6739/2-A	Lab Control Spike	Solid	5030B	
LCSD 720-6739/3-A	Lab Control Spike Duplicate	Solid	5030B	
MB 720-6739/1-A	Method Blank	Solid	5030B	
720-2538-2	S-3R-8.5	Solid	5030B	
720-2538-3	S-3R-10	Solid	5030B	
Analysis Batch:720-6777				
LCS 720-6777/21	Lab Control Spike	Solid	8260B	
LCSD 720-6777/20	Lab Control Spike Duplicate	Solid	8260B	
MB 720-6777/22	Method Blank	Solid	8260B	
720-2519-A-15 MS	Matrix Spike	Solid	8260B	
720-2519-A-15 MSD	Matrix Spike Duplicate	Solid	8260B	
720-2538-1	S-3R-5.5	Solid	8260B	
720-2538-4	S-3R-13.5	Solid	8260B	
Analysis Batch:720-6738				
LCS 720-6739/2-A	Lab Control Spike	Solid	8260B	720-6739
LCSD 720-6739/3-A	Lab Control Spike Duplicate	Solid	8260B	720-6739
MB 720-6739/1-A	Method Blank	Solid	8260B	720-6739
720-2538-2	S-3R-8.5	Solid	8260B	720-6739
720-2538-3	S-3R-10	Solid	8260B	720-6739

Quality Control Results

Client: Cambria Environmental Tech

Job Number: 720-2538-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Solid

<u>Lab Sample ID</u>	<u>Client Sample</u>	<u>(12DCE) (%Rec)</u>	<u>(TOL) (%Rec)</u>
720-2538-1	S-3R-5.5	87	92
720-2538-2	S-3R-8.5	121	107
720-2538-3	S-3R-10	114	99
720-2538-4	S-3R-13.5	91	93
720-2519-A-15 MS	MS	84	95
720-2519-A-15 MSD	MSD	83	89
LCS 720-6739/2-A	LCS	120	105
LCS 720-6777/21	LCS	78	90
LCSD 720-6739/3-A	LCSD	114	96
LCSD 720-6777/20	LCSD	80	90
MB 720-6739/1-A	MB	123	102
MB 720-6777/22	MB	87	92

Surrogate

Acceptance Limits

(12DCE)	1,2-Dichloroethane-d4	60 - 140
(TOL)	Toluene-d8	50 - 130
(TOL)	Toluene-d8	70 - 130

Quality Control Results

Client: Cambria Environmental Tech

Job Number: 720-2538-1

Method Blank - Batch: 720-6739

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-6739/1-A
Client Matrix: Solid
Dilution: 200
Date Analyzed: 03/20/2006 1238
Date Prepared: 03/20/2006 1110

Analysis Batch: 720-6738
Prep Batch: 720-6739
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200603\03
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		1.0
Ethylbenzene	ND		1.0
Toluene	ND		1.0
Xylenes, Total	ND		2.0
Gasoline Range Organics (GRO)-C6-C12	ND		50
<hr/>			
Surrogate	% Rec	Acceptance Limits	
Toluene-d8	102	50 - 130	
1,2-Dichloroethane-d4	123	60 - 140	

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-6739**

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-6739/2-A
Client Matrix: Solid
Dilution: 200
Date Analyzed: 03/20/2006 1154
Date Prepared: 03/20/2006 1110

Analysis Batch: 720-6738
Prep Batch: 720-6739
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200603\03
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-6739/3-A
Client Matrix: Solid
Dilution: 200
Date Analyzed: 03/20/2006 1216
Date Prepared: 03/20/2006 1110

Analysis Batch: 720-6738
Prep Batch: 720-6739
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200603\03
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	78	79	69 - 129	2	20		
Toluene	90	92	70 - 130	2	20		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8	105		96		50 - 130		
1,2-Dichloroethane-d4	120		114		60 - 140		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Cambria Environmental Tech

Job Number: 720-2538-1

Method Blank - Batch: 720-6777

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-6777/22
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/18/2006 0919
Date Prepared: 03/18/2006 0919

Analysis Batch: 720-6777
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Saturn 3900B
Lab File ID: c:\saturaws\data\200603\031
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.0050
Ethylbenzene	ND		0.0050
Toluene	ND		0.0050
Xylenes, Total	ND		0.010
Gasoline Range Organics (GRO)-C6-C12	ND		1.0
<hr/>			
Surrogate	% Rec	Acceptance Limits	
Toluene-d8	92	70 - 130	
1,2-Dichloroethane-d4	87	60 - 140	

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-6777**

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-6777/21
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/18/2006 0828
Date Prepared: 03/18/2006 0828

Analysis Batch: 720-6777
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Saturn 3900B
Lab File ID: c:\saturaws\data\200603\031
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-6777/20
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/18/2006 0854
Date Prepared: 03/18/2006 0854

Analysis Batch: 720-6777
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Saturn 3900B
Lab File ID: c:\saturaws\data\200603\031
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	99	93	69 - 129	6	20		
Toluene	95	94	70 - 130	2	20		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8	90		90		70 - 130		
1,2-Dichloroethane-d4	78		80		60 - 140		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Cambria Environmental Tech

Job Number: 720-2538-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-6777**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 720-2519-A-15 MS
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/18/2006 1501
Date Prepared: 03/18/2006 1501

Analysis Batch: 720-6777
Prep Batch: N/A

Instrument ID: Saturn 3900B
Lab File ID: c:\saturnws\data\200603\03
Initial Weight/Volume: 5.54 g
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 720-2519-A-15 MSD
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/18/2006 1526
Date Prepared: 03/18/2006 1526

Analysis Batch: 720-6777
Prep Batch: N/A

Instrument ID: Saturn 3900B
Lab File ID: c:\saturnws\data\200603\03
Initial Weight/Volume: 5.04 g
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	91	92	69 - 129	11	20		
Toluene	93	90	70 - 130	7	20		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
Toluene-d8	95		89	70 - 130			
1,2-Dichloroethane-d4	84		83	60 - 140			

Calculations are performed before rounding to avoid round-off errors in calculated results.

LAB: Test America STL Other _____

Lab Identification (if necessary)

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

SHELL Chain Of Custody Record

39807

Shell Project Manager to be invoiced: **720-2538**

Shell EE Here
Denis Brown

ENVIRONMENTAL SERVICES
 TECHNICAL SERVICES
 CRMT HOUSTON

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

INCIDENT NUMBER (ES ONLY)
9 7 0 9 3 3 9 8

SAP or CRMT NUMBER (TS/CRMT)

DATE: 3/10/2006

PAGE: 1 of 1

SAMPLING COMPANY: Cambria Environmental Technology, Inc. LOG CODE: CETO

ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608

PROJECT CONTACT (Hardcopy or PDF Report to): *Denise Baertschi*

TELEPHONE: 707-268-3813 FAX: 704-268-8180 E-MAIL: *DBAERTSCHI@ENV.COM*

TURNAROUND TIME (STANDARD IS 10 CALENDAR DAYS):
 STD 5 DAY 3 DAY 2 DAY 24 HOURS RESULTS NEEDED ON WEEKEND

SITE ADDRESS: Street and City: 2800 TELEGRAPH AVENUE, OAKLAND CA

EDF DELIVERABLE TO (Name, Company, Office Location): Brenda Carter, Cambria, Emeryville PHONE NO.: 510-420-3343 E-MAIL: shell.em.edf@cambria-env.com CONSULTANT PROJECT NO.: 248-1507-004

SAMPLER NAME(S) (Print): Bill De Boer LAB USE ONLY

REQUESTED ANALYSIS

LA - RWQCB REPORT FORMAT UST AGENCY:

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

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

*PLEASE CL RESULTS TO:
BDEBOER@CAMBRIA-ENV.COM*

RECEIPT VERIFICATION REQUESTED

LAB USE ONLY	Field Sample Identification				NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	VOCs by 8260B	Semi-Volatiles by 8270C	Lead <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TCLP	LUFT5 <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TCLP	CAM17 <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TCLP	Test for Disposal (see attached)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes		
	DATE	TIME	MATRIX	TEMPERATURE ON RECEIPT C°																							

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: <u>3/10/06</u>	Time: <u>1:55</u>
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: <u>3/10/06</u>	Time: <u>18:20</u>
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

LOGIN SAMPLE RECEIPT CHECK LIST

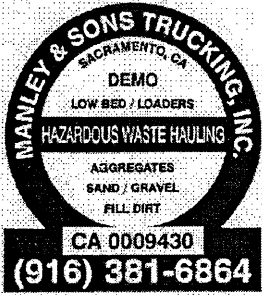
Client: Cambria Environmental Tech

Job Number: 720-2538-1

Login Number: 2538

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Appendix E
Soil Disposal Documentation



Hazardous Waste Hauler (Registration # 2843)

P.O. Box 292547 * Sacramento, CA 95829 * FAX 916-381-1573

Disposal Confirmation

Request for Transportation Received: 03/29/2006

Consultant Information

Company: Cambria
Contact: Ron Barone
Phone: 510-420-3308
Fax: 510-420-9170

Site Information

PO # _____
Street Address: 2800 Telegraph
City, State, ZIP: Oakland, Ca

Customer: Shell Oil Company RESA-0023-LDC
RIPR #: 51834
SAP # / Location: NA
Incident #: 97093398
Location / WIC #: NA
Environmental Engineer: Denis Brown

Material Description: Soil
Estimated Quantity: ~3 Cy
Service Requested Date: ASAP

Disposal Facility: Forward Landfill
Contact: Scott
Phone: 800 204-4242
Approval #: 6236
Date of Disposal: 04/03/2006
Actual Tonnage: 0.81 tons

Transporter: Manley & Sons Trucking, Inc.
Contact: Jennifer Rogers
Phone: 916 381-6864
Fax: 916 381-1573
Invoice: 200604-2
Date of Invoice: 04/05/2006



ANALYTICAL REPORT

Job Number: 720-2537-1

Job Description: 2800 Telegraph Ave Oakland

For:
Cambria Environmental Tech
5900 Hollis Street, Suite A
Emeryville, CA 94508

Attention: Dennis Baertschi

A handwritten signature in black ink that reads "Melissa Brewer".

Melissa Brewer
Project Manager I
mbrewer@stl-inc.com
03/22/2006

cc: Mr. Bill DeBoer

Project Manager: Melissa Brewer

METHOD SUMMARY

Client: Cambria Environmental Tech

Job Number: 720-2537-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	STL-SF	SW846 8260B	
Purge and Trap for Solids	STL-SF		SW846 5030B
Inductively Coupled Plasma - Atomic Emission Spectrometry	STL-SF	SW846 6010B	
Acid Digestion of Sediments, Sludges, and Soils	STL-SF		SW846 3050B

LAB REFERENCES:

STL-SF = STL-San Francisco

METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986
And Its Updates.

SAMPLE SUMMARY

Client: Cambria Environmental Tech

Job Number: 720-2537-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-2537-5	SP-1	Solid	03/10/2006 1000	03/10/2006 1820

Analytical Data

Client: Cambria Environmental Tech

Job Number: 720-2537-1

Client Sample ID: SP-1

Lab Sample ID: 720-2537-5

Date Sampled: 03/10/2006 1000

Client Matrix: Solid

Date Received: 03/10/2006 1820

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B

Analysis Batch: 720-6563

Instrument ID: Varian ICP

Preparation: 3050B

Prep Batch: 720-6540

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 1.02 g

Date Analyzed: 03/15/2006 1035

Final Weight/Volume: 50 mL

Date Prepared: 03/15/2006 0645

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Lead		4.7		0.98

DATA REPORTING QUALIFIERS

Client: Cambria Environmental Tech

Job Number: 720-2537-1

Lab Section	Qualifier	Description
GC/MS VOA		
	LN	MS/MSD Spike REcoveries were below acceptance limits
Metals		
	LN	MS/MSD Spike REcoveries were below acceptance limits

Quality Control Results

Client: Cambria Environmental Tech

Job Number: 720-2537-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:720-6733				
LCS 720-6733/9	Lab Control Spike	Solid	8260B	
LCSD 720-6733/8	Lab Control Spike Duplicate	Solid	8260B	
MB 720-6733/10	Method Blank	Solid	8260B	
720-2537-5	SP-1	Solid	8260B	
720-2575-A-1 MS	Matrix Spike	Solid	8260B	
720-2575-A-1 MSD	Matrix Spike Duplicate	Solid	8260B	
Metals				
Prep Batch: 720-6540				
LCS 720-6540/2-A	Lab Control Spike	Solid	3050B	
LCSD 720-6540/3-A	Lab Control Spike Duplicate	Solid	3050B	
MB 720-6540/1-A	Method Blank	Solid	3050B	
720-2536-A-1-D MS	Matrix Spike	Solid	3050B	
720-2536-A-1-E MSD	Matrix Spike Duplicate	Solid	3050B	
720-2537-5	SP-1	Solid	3050B	
Analysis Batch:720-6563				
LCS 720-6540/2-A	Lab Control Spike	Solid	6010B	720-6540
LCSD 720-6540/3-A	Lab Control Spike Duplicate	Solid	6010B	720-6540
MB 720-6540/1-A	Method Blank	Solid	6010B	720-6540
720-2536-A-1-D MS	Matrix Spike	Solid	6010B	720-6540
720-2536-A-1-E MSD	Matrix Spike Duplicate	Solid	6010B	720-6540
720-2537-5	SP-1	Solid	6010B	720-6540

Quality Control Results

Client: Cambria Environmental Tech

Job Number: 720-2537-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Solid

<u>Lab Sample ID</u>	<u>Client Sample</u>	<u>(12DCE) (%Rec)</u>	<u>(TOL) (%Rec)</u>
720-2537-5	SP-1	98	94
720-2575-A-1 MS	MS	84	95
720-2575-A-1 MSD	MSD	79	90
LCS 720-6733/9	LCS	80	92
LCSD 720-6733/8	LCSD	81	91
MB 720-6733/10	MB	87	91

Surrogate

Acceptance Limits

(12DCE)	1,2-Dichloroethane-d4	60 - 140
(TOL)	Toluene-d8	70 - 130

Quality Control Results

Client: Cambria Environmental Tech

Job Number: 720-2537-1

Method Blank - Batch: 720-6733

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-6733/10
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/20/2006 1118
Date Prepared: 03/20/2006 1118

Analysis Batch: 720-6733
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Saturn 3900B
Lab File ID: c:\saturaws\data\200603\03
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.0050
Ethylbenzene	ND		0.0050
Toluene	ND		0.0050
Xylenes, Total	ND		0.010
Gasoline Range Organics (GRO)-C6-C12	ND		1.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8	91	70 - 130
1,2-Dichloroethane-d4	87	60 - 140

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-6733**

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-6733/9
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/20/2006 1026
Date Prepared: 03/20/2006 1026

Analysis Batch: 720-6733
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Saturn 3900B
Lab File ID: c:\saturaws\data\200603\03
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-6733/8
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/20/2006 1052
Date Prepared: 03/20/2006 1052

Analysis Batch: 720-6733
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Saturn 3900B
Lab File ID: c:\saturaws\data\200603\03
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	72	82	69 - 129	13	20		
Toluene	77	85	70 - 130	9	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8	92		91		70 - 130		
1,2-Dichloroethane-d4	80		81		60 - 140		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Cambria Environmental Tech

Job Number: 720-2537-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-6733**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 720-2575-A-1 MS
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/20/2006 1210
Date Prepared: 03/20/2006 1210

Analysis Batch: 720-6733
Prep Batch: N/A

Instrument ID: Saturn 3900B
Lab File ID: c:\saturnws\data\200603\03
Initial Weight/Volume: 5.06 g
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 720-2575-A-1 MSD
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/20/2006 1236
Date Prepared: 03/20/2006 1236

Analysis Batch: 720-6733
Prep Batch: N/A

Instrument ID: Saturn 3900B
Lab File ID: c:\saturnws\data\200603\03
Initial Weight/Volume: 5.10 g
Final Weight/Volume: 10 mL

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	66	78	69 - 129	16	20	LN	
Toluene	68	81	70 - 130	16	20	LN	
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
Toluene-d8	95		90		70 - 130		
1,2-Dichloroethane-d4	84		79		60 - 140		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Cambria Environmental Tech

Job Number: 720-2537-1

Method Blank - Batch: 720-6540

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 720-6540/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/15/2006 1252
Date Prepared: 03/15/2006 0645

Analysis Batch: 720-6563
Prep Batch: 720-6540
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Lead	ND		1.0

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-6540**

Method: 6010B
Preparation: 3050B

LCS Lab Sample ID: LCS 720-6540/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/15/2006 1014
Date Prepared: 03/15/2006 0645

Analysis Batch: 720-6563
Prep Batch: 720-6540
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 720-6540/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/15/2006 1018
Date Prepared: 03/15/2006 0645

Analysis Batch: 720-6563
Prep Batch: 720-6540
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Lead	100	103	80 - 120	3	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Cambria Environmental Tech

Job Number: 720-2537-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-6540**

**Method: 6010B
Preparation: 3050B**

MS Lab Sample ID: 720-2536-A-1-D MS
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/15/2006 1026
Date Prepared: 03/15/2006 0645

Analysis Batch: 720-6563
Prep Batch: 720-6540

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1.02 g
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 720-2536-A-1-E MSD
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/15/2006 1031
Date Prepared: 03/15/2006 0645

Analysis Batch: 720-6563
Prep Batch: 720-6540

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Lead	74	77	75 - 125	5	20	LN	

Calculations are performed before rounding to avoid round-off errors in calculated results.

LAB: Test America STL Other _____

SHELL Chain Of Custody Record

39805

Lab Identification (if necessary):

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

Shell Project Manager to be invoiced: **720-2537**

ENVIRONMENTAL SERVICES Shell EE Here
Denis Brown

TECHNICAL SERVICES

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

INCIDENT NUMBER (ES ONLY)

9	7	0	9	3	3	9	8
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SAP or CRMT NUMBER (TS/CRMT)

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DATE: 3/10/2006

PAGE: 1 of 1

SAMPLING COMPANY:
Cambria Environmental Technology, Inc.

LOG CODE:
CETO

ADDRESS:
5900 Hollis Street, Suite A, Emeryville, CA 94608

PROJECT CONTACT (Hardcopy or PDF Report to):
DENIS BAERTSCH

TELEPHONE: **707-268-3813** FAX: **707-268-8180** E-MAIL: **DBAERTSCH@CALV.COM**

SITE ADDRESS: Street and City
2800 TELEGRAPH AVE, OAKLAND

State: **CA** GLOBAL ID NO.: **T0600101244**

EDF DELIVERABLE TO (Name, Company, Office Location): **Brenda Carter, Cambria, Emeryville** PHONE NO.: **510-420-3343** E-MAIL: **shell.em.edf@cambria-env.com** CONSULTANT PROJECT NO.: **248-1507-007**

SAMPLER NAME(S) (Print): _____ LAB USE ONLY

TURNAROUND TIME (STANDARD IS 10 CALENDAR DAYS):
 STD 5 DAY 3 DAY 2 DAY 24 HOURS RESULTS NEEDED ON WEEKEND

LA - RWQCB REPORT FORMAT UST AGENCY: _____

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

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED
**PLEASE CC RESULTS TO:
 BDEBOER@CAMBRIA-ENV.COM**

RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	VOCs by 8260B	Semi-Volatiles by 8270C	Lead <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TCLP	LUFT5 <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TCLP	CAM17 <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TCLP	Test for Disposal (see attached)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
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TEMPERATURE ON RECEIPT °C **20**

LAB USE ONLY	Field Sample Identification			MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	VOCs by 8260B	Semi-Volatiles by 8270C	Lead <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TCLP	LUFT5 <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TCLP	CAM17 <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TCLP	Test for Disposal (see attached)	FIELD NOTES	
	DATE	TIME																								
																									COMPOSITE 4 → 1	

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: <u>3/10/06</u>	Time: <u>13:25</u>
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: <u>3/10/06</u>	Time: <u>18:20</u>
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: _____	Time: _____

This information is business proprietary and confidential and must not be divulged or shared outside the company. The use of this information is strictly for the purpose of doing business with the Centralized Residual Management Team (CRMT). Upon termination of the relationship with the CRMT, this information is not to be forwarded, duplicated, shared or used for any purpose other than for the documentation of past actions.

RESIDUAL MANAGEMENT PROCEDURE

ISSUED DATE: 08/01/01
CANCELS ISSUE:
ISSUED BY: LRR

RESIDUAL STREAM: SOIL WITH UNLEADED GASOLINE ~~ADW/REL~~
VENDOR: ALLIED-BFI
LOCATION: ALLIED WASTE - MANTECA
9999 SOUTH AUSTIN ROAD
MANTECA, CA 95336

CALIFORNIA - TRANSPORTATION AND RETAIL

BTEX - EPA 8021B/8260B (IF BENZENE IS > OR = TO 10 MG/KG THEN TCLP BENZENE IS REQUIRED)

CAM METALS = TTLC METALS - *lead only*
STLC ON ALL TTLC METALS 10 TIMES STLC MAXIMUM
TTLC LEAD=>13 MG/KG REQUIRES ORGANIC LEAD ANALYSIS
IF ANY TTLC TOTAL METAL IS > OR = TO 20 TIMES TCLP REGULATORY LEVELS, TCLP IS REQUIRED

TOTAL PETROLEUM HYDROCARBONS, METHOD 418.1 OR 8015 - GASOLINE ~~ADW/REL~~

~~MTBE METHOD 8260B (GC/MS)~~

AQUATIC BIOASSAY (FISH TOX) IS ONLY TO BE RUN ON SAMPLES > OR = TO 5000 PPM TPH. AQUATIC BIOASSAY (FISH TOX) = PART 800 OF STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER (15TH EDITION)

LABORATORY INSTRUCTIONS (MINIMUM GUIDELINES ONLY)
-ALTERNATE APPROVED TEST METHODS PER SW846 ARE ALSO ACCEPTABLE
-ALL REQUIRED TESTS ON COMPOSITE (*max 4:1*)
-LABORATORY IS TO SUPPLY QA/QC INFORMATION WITH ALL ANALYTICAL REPORTS
~~MAIL OR FAX ALL ANALYSIS TO THE CENTRALIZED RESIDUAL MANAGEMENT TEAM~~

PROCEDURE ORIGINAL DATE: 08/01/01
PROCEDURE REVISED DATE: 08/01/01

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Cambria Environmental Tech

Job Number: 720-2537-1

Login Number: 2537

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Appendix F

Blaine Tech Services, Inc. – Well Development and Sampling Data

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

April 17, 2006

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

First Quarter 2006 Groundwater Monitoring at
Former Shell Service Station
2800 Telegraph Avenue
Oakland, CA

Monitoring performed on March 13 and 17, 2006

Groundwater Monitoring Report **060317-MT-2**

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

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

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

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

Please call if you have any questions.

Yours truly,

Mike Ninokata
Project Coordinator

MN/ks

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

cc: Dennis Baertschi
Cambria Environmental Technology, Inc.
P.O. Box 259
Sonoma, CA 95476-0259

WELL CONCENTRATIONS
Former Shell Service Station
2800 Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (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)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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S-1	05/04/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	9.50	25.81	NA
S-1	08/10/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	10.85	24.46	NA
S-1	11/09/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	10.34	24.97	NA
S-1	02/23/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	7.60	27.71	NA
S-1	06/07/1993	<50	2.8	1.3	0.7	3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	8.63	26.68	NA
S-1	08/13/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	9.20	26.11	NA
S-1	11/18/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	10.58	24.73	NA
S-1	02/10/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	8.41	26.90	NA
S-1	05/03/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	9.09	26.22	NA
S-1	08/01/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	8.81	26.50	NA
S-1	11/08/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	9.32	25.99	NA
S-1	02/03/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	6.98	28.33	NA
S-1	08/02/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	9.35	25.96	NA
S-1	02/02/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	7.45	27.86	NA
S-1	05/04/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	8.91	26.40	NA
S-1	08/02/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	35.31	9.33	25.98	NA
S-1	10/02/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	10.11	25.20	NA
S-1	01/08/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	7.93	27.38	NA
S-1	04/17/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	8.94	26.37	NA
S-1	07/01/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	35.31	9.55	25.76	NA
S-1	10/07/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	9.43	25.88	NA
S-1	01/07/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	8.21	27.10	NA
S-1	04/02/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	8.27	27.04	NA
S-1	07/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	35.31	8.97	26.34	NA
S-1	10/01/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	9.89	25.42	NA
S-1	01/12/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	8.45	26.86	NA
S-1	04/19/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	9.04	26.27	NA
S-1	07/09/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	35.31	9.11	26.20	NA

WELL CONCENTRATIONS
Former Shell Service Station
2800 Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (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)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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S-1	10/06/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	9.00	26.31	NA
S-1	03/07/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	7.31	28.00	NA
S-1	06/01/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	8.85	26.46	NA
S-1	09/08/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	35.31	9.50	25.81	NA
S-1	11/29/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.31	10.16	25.15	NA
S-1	03/09/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	35.31	8.16	27.15	NA
S-1	09/18/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.09	8.74	26.35	NA
S-1	09/29/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	35.09	8.79	26.30	NA
S-1	11/20/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	35.09	8.43	26.66	NA
S-1	02/04/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	35.09	7.34	27.75	NA
S-1	04/21/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	35.09	8.23	26.86	NA
S-1	08/12/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	35.09	9.46	25.63	NA
S-1	11/17/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	35.09	8.42	26.67	NA
S-1	02/08/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	35.09	8.28	26.81	NA
S-1	05/13/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	35.09	7.80	27.29	NA

S-2	05/04/1992	1600	190	6.0	240	54	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.91	9.44	24.47	NA
S-2	08/10/1992	<50	4.1	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.91	10.73	23.18	NA
S-2	09/11/1992	84	19	0.7	2.2	4.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.91	NA	NA	NA
S-2	11/09/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.91	10.29	23.62	NA
S-2	02/23/1993	16000	1600	480	850	1800	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.91	9.04	24.87	NA
S-2	04/08/1993	Well destroyed		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

S-3	05/04/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.56	9.22	24.34	NA
S-3	08/10/1992	Well paved over		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

S-3R	03/13/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.65	4.50	28.15	NA
S-3R	03/17/2006	6930	1.99	7.79	126	90.2	NA	<0.500	NA	NA	NA	NA	NA	NA	NA	32.65	4.28	28.37	NA

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S-4	05/04/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	9.96	24.12	NA
S-4	08/10/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	11.32	22.76	NA
S-4	11/09/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	11.29	22.79	NA
S-4	02/23/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	9.82	24.26	NA
S-4	06/07/1993	50	9.2	5.5	3.3	14	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	10.51	23.57	NA
S-4	08/13/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	11.05	23.03	NA
S-4	11/18/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	11.34	22.74	NA
S-4	02/10/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	9.93	24.15	NA
S-4	05/03/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	10.40	23.68	NA
S-4	08/01/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	10.68	23.40	NA
S-4	11/08/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	9.44	24.64	NA
S-4	02/03/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	9.18	24.90	NA
S-4	08/02/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	10.62	23.46	NA
S-4	02/02/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	9.23	24.85	NA
S-4	05/04/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	10.37	23.71	NA
S-4	08/02/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	34.08	10.69	23.39	NA
S-4	10/02/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	10.96	23.12	NA
S-4	01/08/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	9.37	24.71	NA
S-4	04/17/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	10.25	23.83	NA
S-4	07/01/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	34.08	10.60	23.48	NA
S-4	10/07/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	10.52	23.56	NA
S-4	01/07/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	9.79	24.29	NA
S-4	04/02/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	9.56	24.52	NA
S-4	07/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	34.08	10.51	23.57	NA
S-4	10/01/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	11.01	23.07	NA
S-4	01/12/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	10.53	23.55	NA
S-4	04/19/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	9.73	24.35	NA
S-4	07/09/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	34.08	10.48	23.60	NA
S-4	10/06/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	10.67	23.41	NA

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S-4	03/07/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	8.99	25.09	NA
S-4	06/01/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	10.31	23.77	NA
S-4	09/08/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	34.08	10.77	23.31	NA
S-4	11/29/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.08	10.97	23.11	NA
S-4	03/09/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	34.08	8.21	25.87	NA
S-4	09/18/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.01	10.23	23.78	NA
S-4	09/29/2003	<50	<0.50	<0.50	1.9	2.6	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	34.01	10.42	23.59	NA
S-4	11/20/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	34.01	10.14	23.87	NA
S-4	02/04/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	34.01	9.41	24.60	NA
S-4	04/21/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	34.01	9.84	24.17	NA
S-4	08/12/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	34.01	10.50	23.51	NA
S-4	11/17/2004	<50 c	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	34.01	9.83	24.18	NA
S-4	02/08/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	34.01	9.40	24.61	NA
S-4	05/13/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	34.01	8.90	25.11	NA

S-5	05/04/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.42	10.27	23.15	NA
S-5	08/10/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.42	10.68	22.74	NA
S-5	11/09/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.42	10.69	22.73	NA
S-5	02/23/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.42	9.45	23.97	NA
S-5	06/07/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.42	10.23	23.19	NA
S-5	08/13/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.42	10.58	22.84	NA
S-5	11/18/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.42	10.70	22.72	NA
S-5	02/10/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.42	9.75	23.67	NA
S-5	05/03/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.42	10.19	23.23	NA
S-5	08/01/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.42	10.30	23.12	NA
S-5	11/08/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.42	9.64	23.78	NA
S-5	02/03/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.42	9.59	23.83	NA
S-5	08/02/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.42	10.23	23.90	NA

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S-5	02/02/1996	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.42	9.51	23.91	NA
S-5	05/04/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.42	10.15	23.27	NA
S-5	08/02/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	33.42	10.30	23.12	NA
S-5	10/02/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.42	10.54	22.88	NA
S-5	01/08/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	33.42	9.56	23.86	NA
S-5	04/17/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.42	10.03	23.39	NA
S-5	07/01/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	33.42	10.23	23.19	NA
S-5	10/07/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.42	10.25	23.17	NA
S-5	01/07/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	33.42	9.83	23.59	NA
S-5	04/02/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.42	9.73	23.69	NA
S-5	07/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	33.42	10.04	23.38	NA
S-5	10/01/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.42	10.91	22.51	NA
S-5	01/12/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	NA	NA	NA	NA	NA	NA	NA	33.42	9.80	23.62	NA
S-5	04/19/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.42	9.09	24.33	NA
S-5	07/09/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	33.42	10.05	23.37	NA
S-5	10/06/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.42	10.30	23.12	NA
S-5	03/07/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	33.42	9.11	24.31	NA
S-5	06/01/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.42	10.11	23.31	NA
S-5	09/08/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	33.42	10.37	23.05	NA
S-5	11/29/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.42	10.56	22.86	NA
S-5	03/09/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	33.42	7.93	25.49	NA
S-5	09/18/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.26	9.87	23.39	NA
S-5	09/29/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	33.26	10.02	23.24	NA
S-5	11/20/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	33.26	9.77	23.49	NA
S-5	02/04/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	33.26	9.28	23.98	NA
S-5	04/21/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	33.26	9.44	23.82	NA
S-5	08/12/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	33.26	10.05	23.21	NA
S-5	11/17/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	33.26	9.54	23.72	NA
S-5	02/08/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	33.26	9.39	23.87	NA

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S-5	05/13/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	33.26	8.95	24.31	NA
S-6	05/04/1992	3100	640	22	23	97	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	9.42	23.17	NA
S-6	08/10/1992	3400	430	27	26	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	10.40	22.19	NA
S-6	11/09/1992	2000	320	15	15	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	10.16	22.43	NA
S-6	02/23/1993	14000	780	180	380	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	7.60	24.99	NA
S-6	06/07/1993	3900	1400	56	83	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	8.90	23.69	NA
S-6	08/13/1993	4000a	890	16	<0.5	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	9.39	23.20	NA
S-6	11/18/1993	80	5.0	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	10.32	22.27	NA
S-6	02/10/1994	4100	370	23	21	90	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	8.68	23.91	NA
S-6	05/03/1994	4700	550	28	85	340	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	9.20	23.39	NA
S-6	08/01/1994	2900	370	11	11	43	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	8.90	23.69	NA
S-6	11/08/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	8.32	23.69	NA
S-6	02/03/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	8.04	23.69	NA
S-6	08/02/1995	1400	160	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	9.26	23.19	NA
S-6	02/02/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	7.90	24.69	NA
S-6	05/04/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	8.98	23.61	NA
S-6	08/02/1996	1600	150	9.2	13	23	17	NA	NA	NA	NA	NA	NA	NA	NA	32.59	9.34	23.25	NA
S-6	10/02/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	9.96	22.63	NA
S-6	01/08/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	7.38	25.21	NA
S-6	04/17/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	9.16	23.43	NA
S-6	07/01/1997	<50	1.5	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	32.59	9.60	22.99	NA
S-6	10/07/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	9.64	22.95	NA
S-6	01/07/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	8.34	24.25	NA
S-6	04/02/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	7.93	24.66	NA
S-6	07/02/1998	370	22	0.62	<0.50	<0.50	5.60	NA	NA	NA	NA	NA	NA	NA	NA	32.59	9.85	22.74	NA
S-6	10/01/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	10.48	22.11	NA
S-6	01/12/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	9.63	22.96	NA
S-6	04/19/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	9.08	23.51	NA

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Well ID	Date	TPPH (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)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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S-6	07/09/1999	52	2.3	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	32.59	9.33	23.26	NA
S-6	10/06/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	9.80	22.79	NA
S-6	03/07/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	7.05	25.54	NA
S-6	06/01/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	9.05	23.54	NA
S-6	09/08/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	32.59	9.65	22.94	NA
S-6	11/29/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	9.51	23.08	NA
S-6	03/09/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	32.59	7.14	25.45	NA
S-6	09/18/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.36	9.14	23.22	NA
S-6	09/29/2003	1700	13	4.6	<2.5	5.8	NA	<2.5	<10	<10	<10	<25	<2.5	<2.5	<250	32.36	9.32	23.04	NA
S-6	11/20/2003	4500	45	14	36	28	NA	<1.0	<4.0	<4.0	<4.0	<10	<1.0	<1.0	<100	32.36	8.29	24.07	NA
S-6	02/04/2004	3700	41	14	9.1	38	NA	<2.5	<10	<10	<10	<25	<2.5	<2.5	<250	32.36	7.90	24.46	NA
S-6	04/21/2004	2800	13	6.9	5.0	12	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	32.36	8.50	23.86	NA
S-6	08/12/2004	2700	15	4.4	<2.5	<5.0	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	32.36	9.40	22.96	NA
S-6	11/17/2004	2700	13	5.6	8.1	11	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	32.36	8.23	24.13	NA
S-6	02/08/2005	1700	3.8	2.7	26	29	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	32.36	7.77	24.59	NA
S-6	05/13/2005	3000	9.0	6.6	3.7	21	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	32.36	7.25	25.11	NA
S-6	08/17/2005	1600	4.0	2.9	0.71	4.9	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	32.36	8.62	23.74	NA
S-6	03/17/2006	9760	15.4	9.83	32.9	44.6	NA	<0.500	NA	NA	NA	NA	NA	NA	NA	32.36	6.31	26.05	NA

S-6 (D)	08/01/1994	2600	340	8.8	7.7	33	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	NA	NA	NA
S-6 (D)	08/02/1995	1400	170	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	NA	NA	NA

S-7	05/04/1992	180	1.6	<0.5	1.5	3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.33	11.21	22.12	NA
S-7	08/10/1992	190	8.0	1.4	4.7	8.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.33	12.28	21.05	NA
S-7	11/09/1992	280	16	4.0	7.8	21	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.33	11.77	21.56	NA
S-7	02/23/1993	210	13	2.2	5.4	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.33	8.86	24.47	NA
S-7	06/07/1993	90	1.2	2.5	1.0	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.33	10.58	22.75	NA
S-7	08/13/1993	140	4.0	0.8	<0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.33	11.34	21.99	NA
S-7	11/18/1993	440	43	4.9	0.9	4.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.33	12.00	21.33	NA

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S-7	02/10/1994	250a	<0.5	<0.5	1.8	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.33	9.88	23.45	NA
S-7	05/03/1994	130	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.33	10.75	22.58	NA
S-7	08/01/1994	250	4.8	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.33	11.05	22.28	NA
S-7	11/08/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.33	9.64	23.69	NA
S-7	02/03/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.33	8.53	24.80	NA
S-7	08/02/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.33	11.10	22.23	NA
S-7	02/02/1996	480	2.2	2.4	7.9	25	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.33	8.58	24.75	NA
S-7	05/04/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.33	10.41	22.92	NA
S-7	08/02/1996	300	20	2.2	3.8	7.9	21	11	NA	NA	NA	NA	NA	NA	NA	33.33	11.18	22.15	NA
S-7	10/02/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.33	12.12	21.21	NA
S-7	01/08/1997	850	16	6.3	20	59	<25	NA	NA	NA	NA	NA	NA	NA	NA	33.33	8.23	25.10	NA
S-7	04/17/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.33	10.75	22.58	NA
S-7	07/01/1997	120	2.4	<0.50	2.9	2.6	3.5	NA	NA	NA	NA	NA	NA	NA	NA	33.33	11.40	21.93	NA
S-7	10/07/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.33	11.50	21.83	NA
S-7	04/19/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	33.33	9.39	23.94	NA
S-7	07/09/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	33.33	11.15	22.18	NA
S-7	10/06/1999	216	5.04	<0.500	2.23	4.82	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	33.33	11.65	21.68	NA
S-7	NA	Well abandoned		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

S-7 (D)	08/02/1996	340	22	2.2	4.4	8.9	20	NA	NA	NA	NA	NA	NA	NA	NA	33.33	NA	NA	NA
S-7 (D)	01/08/1997	840	15	<5.0	21	63	25	NA	NA	NA	NA	NA	NA	NA	NA	33.33	NA	NA	NA
S-7 (D)	07/01/1997	120	2.4	<0.50	2.9	2.6	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	33.33	NA	NA	NA

S-8	05/04/1992	1600	20	420	96	330	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.29	21.68	NA
S-8	08/10/1992	1500	19	37	60	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	11.12	20.85	NA
S-8	11/09/1992	710	5.7	24	28	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.71	21.26	NA
S-8	02/23/1993	3800	40	54	68	260	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	6.04	25.93	NA
S-8	06/07/1993	1200	13	19	65	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.06	21.91	NA
S-8	08/13/1993	1300	21	23	49	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.56	21.41	NA

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Well ID	Date	TPPH (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)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-8	11/18/1993	870	16	5.3	59	230	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.90	21.07	NA
S-8	02/10/1994	2400	11	55	120	530	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	9.53	22.44	NA
S-8	05/03/1994	3100	12	27	130	370	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.06	21.91	NA
S-8	08/01/1994	1500	20	18	39	190	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.32	21.65	NA
S-8	11/08/1994	2100	22	38	73	390	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	9.25	22.72	NA
S-8	02/03/1995	4800	67	39	130	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	8.99	22.98	NA
S-8	05/04/1995	2600	31	23	71	310	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	9.22	22.75	NA
S-8	08/02/1995	1700	10	9.1	48	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.36	21.61	NA
S-8	11/02/1995	1200	16	13	72	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.72	21.25	NA
S-8	02/02/1996	7100	29	140	360	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	8.92	23.05	NA
S-8	05/04/1996	3500	13	27	110	400	<25	NA	NA	NA	NA	NA	NA	NA	NA	31.97	9.86	22.11	NA
S-8	08/02/1996	850	9.6	7.4	30	160	11	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.30	21.67	NA
S-8	10/02/1996	980	<5.0	11	13	92	<25	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.71	21.26	NA
S-8	01/08/1997	6400	88	48	190	500	<100	NA	NA	NA	NA	NA	NA	NA	NA	31.97	8.88	23.09	NA
S-8	04/17/1997	1700	23	7.4	34	50	74	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.00	21.97	NA
S-8	07/01/1997	140	2.8	<0.50	<0.50	0.58	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.40	21.57	NA
S-8	10/07/1997	300	2.7	0.63	4.6	8.4	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.50	21.47	NA
S-8	01/07/1998	110	1.2	<0.50	<0.50	1.6	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	31.97	9.27	22.70	NA
S-8	04/02/1998	4500	140	77	140	380	<12	NA	NA	NA	NA	NA	NA	NA	NA	31.97	9.31	22.66	NA
S-8	07/02/1998	330	4.2	0.79	1.7	2.3	4.8	NA	NA	NA	NA	NA	NA	NA	NA	31.97	9.48	22.49	NA
S-8	10/01/1998	52	0.76	<0.50	<0.50	0.70	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.08	21.89	NA
S-8	01/12/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.50	21.47	NA
S-8	04/19/1999	3360	29.6	24.6	137	398	<100	NA	NA	NA	NA	NA	NA	NA	NA	31.97	9.45	22.52	NA
S-8	07/09/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.25	21.72	NA
S-8	10/06/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.70	21.27	NA
S-8	03/07/2000	16500	461	397	665	1240	229	NA	NA	NA	NA	NA	NA	NA	NA	31.97	8.45	23.52	NA
S-8	06/01/2000	317	4.05	0.943	0.595	1.08	29.9	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.03	21.94	NA
S-8	09/08/2000	330	2.14	1.45	7.21	16.5	39.9	<1.00b	NA	NA	NA	NA	NA	NA	NA	31.97	10.58	21.39	NA
S-8	11/29/2000	188	2.70	<0.500	2.43	1.44	7.27	<1.00b	NA	NA	NA	NA	NA	NA	NA	31.97	10.25	21.72	NA

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S-8	03/09/2001	4110	80.1	23.0	90.6	95.0	70.4	NA	NA	NA	NA	NA	NA	NA	NA	31.97	8.99	22.98	NA
S-8	09/12/2001	NA	NA	NA	NA	NA	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	31.97	10.67	21.30	NA
S-8	09/18/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.89	10.02	21.87	NA
S-8	09/29/2003	Well inaccessible			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.89	NA	NA	NA
S-8	10/03/2003	1700	<2.5	8.1	53	140	NA	<2.5	<10	<10	<10	<25	<2.5	<2.5	<250	31.89	9.99	21.90	NA
S-8	11/20/2003	7100	110	33	150	290	NA	2.8	<10	<10	<10	<25	<2.5	<2.5	<250	31.89	9.14	22.75	NA
S-8	02/04/2004	4400	41	8.6	37	120	NA	<2.5	<10	<10	<10	<25	<2.5	<2.5	<250	31.89	8.89	23.00	NA
S-8	04/21/2004	3300	11	4.0	39	150	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	31.89	9.33	22.56	NA
S-8	08/12/2004	1300	<2.5	<2.5	18	76	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	31.89	10.06	21.83	NA
S-8	11/17/2004	1900	<1.0	4.5	17	79	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	31.89	9.62	22.27	NA
S-8	02/08/2005	3700	45	5.4	21	39	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	31.89	9.03	22.86	NA
S-8	05/13/2005	3000	8.8	5.7	3.0	20	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	31.89	8.58	23.31	NA
S-8	08/17/2005	2300	<1.0	2.3	6.5	41	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	31.89	9.64	22.25	NA
S-8	03/17/2006	10000	84.0	14.9	65.1	95.8	NA	<0.500	NA	NA	NA	NA	NA	NA	NA	31.89	8.38	23.51	NA

S-8 (D)	02/10/1994	2400	11	46	100	440	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	NA	NA	NA
S-8 (D)	05/03/1994	3000	21	25	120	340	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	NA	NA	NA
S-8 (D)	11/08/1994	2100	20	31	75	390	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	NA	NA	NA
S-8 (D)	02/03/1995	3700	53	30	100	240	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	NA	NA	NA
S-8 (D)	05/04/1995	3300	38	26	89	390	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	NA	NA	NA
S-8 (D)	08/02/1995	1200	15	13	70	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	NA	NA	NA
S-8 (D)	02/02/1996	7800	33	160	400	1500	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	NA	NA	NA
S-8 (D)	05/04/1996	5100	19	37	190	690	<25	NA	NA	NA	NA	NA	NA	NA	NA	31.97	NA	NA	NA
S-8 (D)	10/02/1996	1300	<5.0	10	28	180	<25	NA	NA	NA	NA	NA	NA	NA	NA	31.97	NA	NA	NA
S-8 (D)	04/17/1997	1600	25	7.4	30	43	34	NA	NA	NA	NA	NA	NA	NA	NA	31.97	NA	NA	NA
S-8 (D)	01/07/1998	150	1.8	0.6	<0.50	2.2	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	31.97	NA	NA	NA
S-8 (D)	07/02/1998	360	4.3	0.89	1.7	2.3	5.7	NA	NA	NA	NA	NA	NA	NA	NA	31.97	NA	NA	NA

S-9	05/04/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.86	10.45	21.41	NA
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WELL CONCENTRATIONS
Former Shell Service Station
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Well ID	Date	TPPH (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)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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S-9	08/10/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.86	11.52	20.34	NA
S-9	11/09/1992	<50	<0.5	<0.5	<0.5	0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.86	11.02	20.84	NA
S-9	02/23/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.86	8.00	23.86	NA
S-9	06/07/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.86	10.07	21.79	NA
S-9	08/13/1993	140	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.86	10.92	20.94	NA
S-9	11/18/1993	170	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.86	11.19	20.67	NA
S-9	02/10/1994	140	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.86	9.16	22.70	NA
S-9	05/03/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.86	10.03	21.83	NA
S-9	08/01/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.86	10.52	21.34	NA
S-9	11/08/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.86	9.08	22.78	NA
S-9	02/03/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.86	8.37	23.49	NA
S-9	08/02/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.86	9.35	22.51	NA
S-9	02/02/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.86	7.53	24.33	NA
S-9	05/04/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.86	9.60	22.26	NA
S-9	08/02/1996	<50	<0.50	<0.50	<0.50	<0.50	12	NA	NA	NA	NA	NA	NA	NA	NA	31.86	10.46	21.40	NA
S-9	10/02/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.86	10.66	21.20	NA
S-9	01/08/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.86	7.20	24.66	NA
S-9	04/17/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.86	9.96	21.90	NA
S-9	07/01/1997	<50	<0.50	<0.50	<0.50	<0.50	3.9	NA	NA	NA	NA	NA	NA	NA	NA	31.86	10.64	21.22	NA
S-9	10/07/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.86	10.63	21.23	NA
S-9	04/19/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	31.86	8.69	23.17	NA
S-9	07/09/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	31.86	10.45	21.41	NA
S-9	10/06/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	31.86	10.90	20.96	NA
S-9	NA	Well abandoned		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

S-10	05/04/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	8.54	24.41	NA
S-10	08/10/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	10.43	22.52	NA
S-10	11/09/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	9.14	23.81	NA
S-10	02/23/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	6.72	26.23	NA

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S-10	06/07/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	8.08	24.87	NA
S-10	08/13/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	8.83	24.12	NA
S-10	11/18/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	9.46	23.49	NA
S-10	02/10/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	7.41	25.54	NA
S-10	05/03/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	8.16	24.79	NA
S-10	08/01/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	8.29	24.66	NA
S-10	11/08/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	7.02	25.93	NA
S-10	02/03/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	6.79	26.16	NA
S-10	08/02/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	8.30	24.65	NA
S-10	02/02/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	6.49	26.46	NA
S-10	05/04/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	7.55	25.40	NA
S-10	08/02/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	32.95	9.25	23.70	NA
S-10	10/02/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	10.54	22.41	NA
S-10	01/08/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	6.47	26.48	NA
S-10	04/17/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	7.78	25.17	NA
S-10	07/01/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	32.95	8.83	24.12	NA
S-10	10/07/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	8.89	24.06	NA
S-10	01/07/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	6.97	25.98	NA
S-10	04/02/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	6.96	25.99	NA
S-10	07/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	32.95	10.41	22.54	NA
S-10	10/01/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	11.03	21.92	NA
S-10	01/12/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	10.33	22.62	NA
S-10	04/19/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	9.72	23.23	NA
S-10	07/09/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	32.95	8.98	23.97	NA
S-10	10/06/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	9.15	23.80	NA
S-10	03/07/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	6.01	26.94	NA
S-10	06/01/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	8.13	24.82	NA
S-10	09/08/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	32.95	9.10	23.85	NA
S-10	11/29/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.95	9.32	23.63	NA

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S-10	03/09/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	32.95	6.54	26.41	NA
S-10	09/18/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.93	9.13	23.80	NA
S-10	09/29/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	32.93	9.26	23.67	NA
S-10	11/20/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	32.93	7.15	25.78	NA
S-10	02/04/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	32.93	6.80	26.13	NA
S-10	04/21/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	32.93	7.71	25.22	NA
S-10	08/12/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	32.93	9.26	23.67	NA
S-10	11/17/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	32.93	7.44	25.49	NA
S-10	02/08/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	32.93	6.94	25.99	NA
S-10	05/13/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	32.93	6.41	26.52	NA
S-11	05/04/1992	1500	55	32	57	190	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	9.99	20.79	NA
S-11	08/10/1992	750	29	13	43	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	10.92	19.86	NA
S-11	11/09/1992	4100	32	62	120	1100	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	10.44	20.34	NA
S-11	02/23/1993	760	15	13	37	140	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	7.30	23.48	NA
S-11	06/07/1993	1700	40	16	100	360	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	9.51	21.27	NA
S-11	08/13/1993	60	0.9	<0.5	0.8	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	10.39	20.39	NA
S-11	11/18/1993	150	7.8	1.0	9.0	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	10.64	20.14	NA
S-11	02/10/1994	4400	53	19	160	390	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	8.50	22.28	NA
S-11	05/03/1994	65	1.5	<0.5	0.53	0.59	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	9.42	21.36	NA
S-11	08/01/1994	240	18	6.7	6.9	18	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	10.12	20.66	NA
S-11	11/08/1994	490	14	5.2	15	47	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	8.84	21.94	NA
S-11	02/03/1995	380	4.1	0.9	1.4	5.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	7.12	23.66	NA
S-11	05/04/1995	110	1.3	<0.5	1.1	1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	7.96	22.82	NA
S-11	08/02/1995	230	22	11	13	35	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	9.88	20.90	NA
S-11	11/02/1995	200	26	10	10	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	10.10	20.68	NA
S-11	02/02/1996	110	2.9	1.0	2.6	6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	7.33	23.45	NA
S-11	05/04/1996	<50	0.70	0.54	0.82	2.6	7.5	NA	NA	NA	NA	NA	NA	NA	NA	30.78	8.62	22.16	NA
S-11	08/02/1996	200	11	4.6	12	38	10	NA	NA	NA	NA	NA	NA	NA	NA	30.78	9.85	20.93	NA

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S-11	10/02/1996	290	20	6.2	16	48	8.4	NA	NA	NA	NA	NA	NA	NA	NA	30.78	11.00	19.78	NA
S-11	01/08/1997	56	2.0	<0.50	1.0	5.8	5.2	NA	NA	NA	NA	NA	NA	NA	NA	30.78	6.20	24.58	NA
S-11	04/17/1997	<50	0.88	<0.50	<0.50	<0.50	3.2	NA	NA	NA	NA	NA	NA	NA	NA	30.78	8.81	21.97	NA
S-11	07/01/1997	610	50	5.9	24	110	3.1	NA	NA	NA	NA	NA	NA	NA	NA	30.78	10.47	20.31	NA
S-11	10/07/1997	440	43	3.0	13	110	4.9	NA	NA	NA	NA	NA	NA	NA	NA	30.78	10.32	20.46	NA
S-11	04/19/1999	<50.0	0.530	<0.500	<0.500	5.22	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	30.78	8.31	22.47	NA
S-11	07/09/1999	53	2.3	<0.50	<0.50	8.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	30.78	9.19	21.59	NA
S-11	10/06/1999	1210	39.1	<10.0	26.4	139	<100	NA	NA	NA	NA	NA	NA	NA	NA	30.78	10.25	20.53	NA
S-11	NA	Well Abandoned		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-11 (D)	06/07/1993	1600	51	16	83	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	NA	NA	NA
S-11 (D)	08/13/1993	70	2.1	<0.5	0.9	2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	NA	NA	NA
S-11 (D)	10/07/1997	360	39	2.0	7.2	74	4.9	NA	NA	NA	NA	NA	NA	NA	NA	30.78	NA	NA	NA
SR-1	05/04/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.02	NA	NA
SR-1	08/10/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.29	NA	NA
SR-1	11/09/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.92	NA	NA
SR-1	02/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.64	NA	NA
SR-1	06/07/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.36	NA	NA
SR-1	08/13/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.96	NA	NA
SR-1	11/18/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.02	NA	NA
SR-1	02/10/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-1	05/03/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.28	NA	NA
SR-1	08/01/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.98	NA	NA
SR-1	11/08/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.75	NA	NA
SR-1	02/03/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.20	NA	NA
SR-1	05/04/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.10	NA	NA
SR-1	08/02/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.31	NA	NA
SR-1	11/02/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.62	NA	NA

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2800 Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (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)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
SR-1	02/02/1996	90	6.1	6.7	2.8	8.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.30	NA	NA
SR-1	05/04/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.10	NA	NA
SR-1	08/02/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.10	NA	NA
SR-1	10/02/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.25	NA	NA
SR-1	01/08/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.18	NA	NA
SR-1	04/17/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.01	NA	NA
SR-1	07/01/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.36	NA	NA
SR-1	10/07/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.22	NA	NA
SR-1	01/07/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.45	NA	NA
SR-1	04/02/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.43	NA	NA
SR-1	07/02/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.87	NA	NA
SR-1	10/01/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.42	NA	NA
SR-1	01/12/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.24	NA	NA
SR-1	04/19/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.64	NA	NA
SR-1	07/09/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.40	NA	NA
SR-1	10/06/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.30	NA	NA
SR-1	03/07/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.25	NA	NA
SR-1	06/01/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.59	NA	NA
SR-1	09/08/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.22	NA	NA
SR-1	11/29/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.65	NA	NA
SR-1	03/09/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.78	NA	NA
SR-1	09/12/2001	NA	NA	NA	NA	NA	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	NA	9.23	NA	NA
SR-1	09/18/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	8.02	24.57	NA
SR-1	09/29/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	32.59	8.35	24.24	NA
SR-1	11/20/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	32.59	6.85	25.74	NA
SR-1	02/04/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	32.59	6.58	26.01	NA
SR-1	04/21/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	32.59	6.96	25.63	NA
SR-1	08/12/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	32.59	8.42	24.17	NA
SR-1	11/17/2004	<50 c	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	32.59	7.30	25.29	NA

WELL CONCENTRATIONS
Former Shell Service Station
2800 Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (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)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
SR-1	02/08/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	32.59	6.44	26.15	NA
SR-1	05/13/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	32.59	6.33	26.26	NA
SR-1 (D)	11/18/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to September 29, 2003, analyzed by EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to September 29, 2003, 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

1,2-DCA = 1,2-dichloroethane, analyzed by EPA Method 8260

EDB = 1,2-dibromomethane or ethylene dibromide, analyzed by EPA Method 8260

TOC = Top of Casing Elevation

TOB = Top of Wellbox Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

ug/L = parts per billion

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

(D) = Duplicate sample

NA = Not applicable

WELL CONCENTRATIONS
Former Shell Service Station
2800 Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (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)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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Notes:

a = Chromatogram pattern indicated the presence of an unidentified hydrocarbon.

b = This sample analyzed outside of EPA recommended hold time.

c = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.

Ethanol analyzed by EPA Method 8260B.

Prior to September 18, 2003, depths to water and groundwater elevation referenced to Top of Box elevation.

Active wells surveyed July 29, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

1Q06 Top of Casing elevation for well S-3R provided by Cambria Environmental Technology, Inc.

March 30, 2006

Client: Cambria Env. Tech. (Sonoma) / SHELL (13674)
270 Perkins Street
Sonoma, CA 95476
Attn: Dennis Baertschi

Work Order: NPC2673
Project Name: 2800 Telegraph Ave., Oakland, CA
Project Nbr: 97093398
P/O Nbr: 97093398
Date Received: 03/21/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
S-3R	NPC2673-01	03/17/06 09:10
S-6	NPC2673-02	03/17/06 08:30
S-8	NPC2673-03	03/17/06 08:45

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

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California Certification Number: 01168CA

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

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

Report Approved By:



Dorothy Roberts
Project Management

Client Cambria Env. Tech. (Sonoma) / SHELL (13674)
 270 Perkins Street
 Sonoma, CA 95476
 Attn Dennis Baertschi

Work Order: NPC2673
 Project Name: 2800 Telegraph Ave., Oakland, CA
 Project Number: 97093398
 Received: 03/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NPC2673-01 (S-3R - Water) Sampled: 03/17/06 09:10								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	1.99		ug/L	0.500	1	03/25/06 01:19	SW846 8260B	6035158
Ethylbenzene	126		ug/L	0.500	1	03/25/06 01:19	SW846 8260B	6035158
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	03/25/06 01:19	SW846 8260B	6035158
Toluene	7.79		ug/L	0.500	1	03/25/06 01:19	SW846 8260B	6035158
Xylenes, total	90.2		ug/L	0.500	1	03/25/06 01:19	SW846 8260B	6035158
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	112 %					03/25/06 01:19	SW846 8260B	6035158
<i>Surr: Dibromofluoromethane (79-122%)</i>	108 %					03/25/06 01:19	SW846 8260B	6035158
<i>Surr: Toluene-d8 (78-121%)</i>	107 %					03/25/06 01:19	SW846 8260B	6035158
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	113 %					03/25/06 01:19	SW846 8260B	6035158
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	6930		ug/L	50.0	1	03/25/06 01:19	SW846 8260B	6035158
<i>Surr: 1,2-Dichloroethane-d4 (0-200%)</i>	112 %					03/25/06 01:19	SW846 8260B	6035158
<i>Surr: Dibromofluoromethane (0-200%)</i>	108 %					03/25/06 01:19	SW846 8260B	6035158
<i>Surr: Toluene-d8 (0-200%)</i>	107 %					03/25/06 01:19	SW846 8260B	6035158
<i>Surr: 4-Bromofluorobenzene (0-200%)</i>	113 %					03/25/06 01:19	SW846 8260B	6035158
Sample ID: NPC2673-02 (S-6 - Water) Sampled: 03/17/06 08:30								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	15.4		ug/L	0.500	1	03/25/06 01:42	SW846 8260B	6035158
Ethylbenzene	32.9		ug/L	0.500	1	03/25/06 01:42	SW846 8260B	6035158
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	03/25/06 01:42	SW846 8260B	6035158
Toluene	9.83		ug/L	0.500	1	03/25/06 01:42	SW846 8260B	6035158
Xylenes, total	44.6		ug/L	0.500	1	03/25/06 01:42	SW846 8260B	6035158
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	112 %					03/25/06 01:42	SW846 8260B	6035158
<i>Surr: Dibromofluoromethane (79-122%)</i>	111 %					03/25/06 01:42	SW846 8260B	6035158
<i>Surr: Toluene-d8 (78-121%)</i>	108 %					03/25/06 01:42	SW846 8260B	6035158
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	105 %					03/25/06 01:42	SW846 8260B	6035158
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	9760		ug/L	50.0	1	03/25/06 01:42	SW846 8260B	6035158
<i>Surr: 1,2-Dichloroethane-d4 (0-200%)</i>	112 %					03/25/06 01:42	SW846 8260B	6035158
<i>Surr: Dibromofluoromethane (0-200%)</i>	111 %					03/25/06 01:42	SW846 8260B	6035158
<i>Surr: Toluene-d8 (0-200%)</i>	108 %					03/25/06 01:42	SW846 8260B	6035158
<i>Surr: 4-Bromofluorobenzene (0-200%)</i>	105 %					03/25/06 01:42	SW846 8260B	6035158
Sample ID: NPC2673-03 (S-8 - Water) Sampled: 03/17/06 08:45								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	84.0		ug/L	0.500	1	03/25/06 02:04	SW846 8260B	6035158
Ethylbenzene	65.1		ug/L	0.500	1	03/25/06 02:04	SW846 8260B	6035158
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	03/25/06 02:04	SW846 8260B	6035158
Toluene	14.9		ug/L	0.500	1	03/25/06 02:04	SW846 8260B	6035158
Xylenes, total	95.8		ug/L	0.500	1	03/25/06 02:04	SW846 8260B	6035158
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	111 %					03/25/06 02:04	SW846 8260B	6035158
<i>Surr: Dibromofluoromethane (79-122%)</i>	114 %					03/25/06 02:04	SW846 8260B	6035158
<i>Surr: Toluene-d8 (78-121%)</i>	109 %					03/25/06 02:04	SW846 8260B	6035158

Client Cambria Env. Tech. (Sonoma) / SHELL (13674)
 270 Perkins Street
 Sonoma, CA 95476
 Attn Dennis Baertschi

Work Order: NPC2673
 Project Name: 2800 Telegraph Ave., Oakland, CA
 Project Number: 97093398
 Received: 03/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NPC2673-03 (S-8 - Water) - cont. Sampled: 03/17/06 08:45								
Selected Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 4-Bromofluorobenzene (78-126%)	119 %					03/25/06 02:04	SW846 8260B	6035158
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	10000		ug/L	50.0	1	03/25/06 02:04	SW846 8260B	6035158
Surr: 1,2-Dichloroethane-d4 (0-200%)	111 %					03/25/06 02:04	SW846 8260B	6035158
Surr: Dibromofluoromethane (0-200%)	114 %					03/25/06 02:04	SW846 8260B	6035158
Surr: Toluene-d8 (0-200%)	109 %					03/25/06 02:04	SW846 8260B	6035158
Surr: 4-Bromofluorobenzene (0-200%)	119 %					03/25/06 02:04	SW846 8260B	6035158

Client Cambria Env. Tech. (Sonoma) / SHELL (13674)
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 Sonoma, CA 95476
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Work Order: NPC2673
 Project Name: 2800 Telegraph Ave., Oakland, CA
 Project Number: 97093398
 Received: 03/21/06 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
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Selected Volatile Organic Compounds by EPA Method 8260B

6035158-BLK1

Benzene	<0.200		ug/L	6035158	6035158-BLK1	03/24/06 23:51
Ethylbenzene	<0.200		ug/L	6035158	6035158-BLK1	03/24/06 23:51
Methyl tert-Butyl Ether	<0.200		ug/L	6035158	6035158-BLK1	03/24/06 23:51
Toluene	<0.200		ug/L	6035158	6035158-BLK1	03/24/06 23:51
Xylenes, total	<0.350		ug/L	6035158	6035158-BLK1	03/24/06 23:51
<i>Surrogate: 1,2-Dichloroethane-d4</i>	109%			6035158	6035158-BLK1	03/24/06 23:51
<i>Surrogate: Dibromofluoromethane</i>	114%			6035158	6035158-BLK1	03/24/06 23:51
<i>Surrogate: Toluene-d8</i>	105%			6035158	6035158-BLK1	03/24/06 23:51
<i>Surrogate: 4-Bromofluorobenzene</i>	109%			6035158	6035158-BLK1	03/24/06 23:51

Purgeable Petroleum Hydrocarbons

6035158-BLK1

Gasoline Range Organics	<50.0		ug/L	6035158	6035158-BLK1	03/24/06 23:51
<i>Surrogate: 1,2-Dichloroethane-d4</i>	109%			6035158	6035158-BLK1	03/24/06 23:51
<i>Surrogate: Dibromofluoromethane</i>	114%			6035158	6035158-BLK1	03/24/06 23:51
<i>Surrogate: Toluene-d8</i>	105%			6035158	6035158-BLK1	03/24/06 23:51
<i>Surrogate: 4-Bromofluorobenzene</i>	109%			6035158	6035158-BLK1	03/24/06 23:51

Client Cambria Env. Tech. (Sonoma) / SHELL (13674)
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 Sonoma, CA 95476
 Attn Dennis Baertschi

Work Order: NPC2673
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 Project Number: 97093398
 Received: 03/21/06 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
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Selected Volatile Organic Compounds by EPA Method 8260B

6035158-BS1

Benzene	50.0	53.3		ug/L	107%	79 - 123	6035158	03/24/06 22:44
Ethylbenzene	50.0	49.4		ug/L	99%	79 - 125	6035158	03/24/06 22:44
Methyl tert-Butyl Ether	50.0	55.2		ug/L	110%	66 - 142	6035158	03/24/06 22:44
Toluene	50.0	50.2		ug/L	100%	78 - 122	6035158	03/24/06 22:44
Xylenes, total	150	154		ug/L	103%	79 - 130	6035158	03/24/06 22:44
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	53.3			107%	70 - 130	6035158	03/24/06 22:44
<i>Surrogate: Dibromofluoromethane</i>	50.0	53.3			107%	79 - 122	6035158	03/24/06 22:44
<i>Surrogate: Toluene-d8</i>	50.0	53.0			106%	78 - 121	6035158	03/24/06 22:44
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	54.1			108%	78 - 126	6035158	03/24/06 22:44

Purgeable Petroleum Hydrocarbons

6035158-BS1

Gasoline Range Organics	3050	3230		ug/L	106%	67 - 130	6035158	03/24/06 22:44
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	53.3			107%	70 - 130	6035158	03/24/06 22:44
<i>Surrogate: Dibromofluoromethane</i>	50.0	53.3			107%	70 - 130	6035158	03/24/06 22:44
<i>Surrogate: Toluene-d8</i>	50.0	53.0			106%	70 - 130	6035158	03/24/06 22:44
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	54.1			108%	70 - 130	6035158	03/24/06 22:44

Client Cambria Env. Tech. (Sonoma) / SHELL (13674)
 270 Perkins Street
 Sonoma, CA 95476
 Attn Dennis Baertschi

Work Order: NPC2673
 Project Name: 2800 Telegraph Ave., Oakland, CA
 Project Number: 97093398
 Received: 03/21/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/ Time
Selected Volatile Organic Compounds by EPA Method 8260B										
6035158-MS1										
Benzene	ND	62.5		ug/L	50.0	125%	71 - 137	6035158	NPC3015-02	03/25/06 07:37
Ethylbenzene	ND	60.1		ug/L	50.0	120%	72 - 139	6035158	NPC3015-02	03/25/06 07:37
Methyl tert-Butyl Ether	0.960	59.7		ug/L	50.0	117%	55 - 152	6035158	NPC3015-02	03/25/06 07:37
Toluene	ND	58.3		ug/L	50.0	117%	73 - 133	6035158	NPC3015-02	03/25/06 07:37
Xylenes, total	ND	185		ug/L	150	123%	70 - 143	6035158	NPC3015-02	03/25/06 07:37
<i>Surrogate: 1,2-Dichloroethane-d4</i>		57.4		ug/L	50.0	115%	70 - 130	6035158	NPC3015-02	03/25/06 07:37
<i>Surrogate: Dibromofluoromethane</i>		55.9		ug/L	50.0	112%	79 - 122	6035158	NPC3015-02	03/25/06 07:37
<i>Surrogate: Toluene-d8</i>		53.3		ug/L	50.0	107%	78 - 121	6035158	NPC3015-02	03/25/06 07:37
<i>Surrogate: 4-Bromofluorobenzene</i>		53.1		ug/L	50.0	106%	78 - 126	6035158	NPC3015-02	03/25/06 07:37

Purgeable Petroleum Hydrocarbons

6035158-MS1

Gasoline Range Organics	ND	3310		ug/L	3050	109%	60 - 140	6035158	NPC3015-02	03/25/06 07:37
<i>Surrogate: 1,2-Dichloroethane-d4</i>		57.4		ug/L	50.0	115%	0 - 200	6035158	NPC3015-02	03/25/06 07:37
<i>Surrogate: Dibromofluoromethane</i>		55.9		ug/L	50.0	112%	0 - 200	6035158	NPC3015-02	03/25/06 07:37
<i>Surrogate: Toluene-d8</i>		53.3		ug/L	50.0	107%	0 - 200	6035158	NPC3015-02	03/25/06 07:37
<i>Surrogate: 4-Bromofluorobenzene</i>		53.1		ug/L	50.0	106%	0 - 200	6035158	NPC3015-02	03/25/06 07:37

Client Cambria Env. Tech. (Sonoma) / SHELL (13674)
 270 Perkins Street
 Sonoma, CA 95476
 Attn Dennis Baertschi

Work Order: NPC2673
 Project Name: 2800 Telegraph Ave., Oakland, CA
 Project Number: 97093398
 Received: 03/21/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B												
6035158-MSD1												
Benzene	ND	58.3		ug/L	50.0	117%	71 - 137	7	23	6035158	NPC3015-02	03/25/06 07:59
Ethylbenzene	ND	61.0		ug/L	50.0	122%	72 - 139	1	23	6035158	NPC3015-02	03/25/06 07:59
Methyl tert-Butyl Ether	0.960	60.6		ug/L	50.0	119%	55 - 152	1	27	6035158	NPC3015-02	03/25/06 07:59
Toluene	ND	58.6		ug/L	50.0	117%	73 - 133	0.5	25	6035158	NPC3015-02	03/25/06 07:59
Xylenes, total	ND	186		ug/L	150	124%	70 - 143	0.5	27	6035158	NPC3015-02	03/25/06 07:59
Surrogate: 1,2-Dichloroethane-d4		55.9		ug/L	50.0	112%	70 - 130			6035158	NPC3015-02	03/25/06 07:59
Surrogate: Dibromofluoromethane		52.4		ug/L	50.0	105%	79 - 122			6035158	NPC3015-02	03/25/06 07:59
Surrogate: Toluene-d8		56.2		ug/L	50.0	112%	78 - 121			6035158	NPC3015-02	03/25/06 07:59
Surrogate: 4-Bromofluorobenzene		53.1		ug/L	50.0	106%	78 - 126			6035158	NPC3015-02	03/25/06 07:59
Purgeable Petroleum Hydrocarbons												
6035158-MSD1												
Gasoline Range Organics	ND	3160		ug/L	3050	104%	60 - 140	5	40	6035158	NPC3015-02	03/25/06 07:59
Surrogate: 1,2-Dichloroethane-d4		55.9		ug/L	50.0	112%	0 - 200			6035158	NPC3015-02	03/25/06 07:59
Surrogate: Dibromofluoromethane		52.4		ug/L	50.0	105%	0 - 200			6035158	NPC3015-02	03/25/06 07:59
Surrogate: Toluene-d8		56.2		ug/L	50.0	112%	0 - 200			6035158	NPC3015-02	03/25/06 07:59
Surrogate: 4-Bromofluorobenzene		53.1		ug/L	50.0	106%	0 - 200			6035158	NPC3015-02	03/25/06 07:59

Client Cambria Env. Tech. (Sonoma) / SHELL (13674)
270 Perkins Street
Sonoma, CA 95476
Attn Dennis Baertschi

Work Order: NPC2673
Project Name: 2800 Telegraph Ave., Oakland, CA
Project Number: 97093398
Received: 03/21/06 08:00

CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville

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

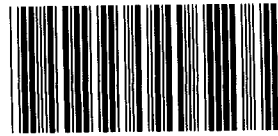
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270 Perkins Street
Sonoma, CA 95476
Attn Dennis Baertschi

Work Order: NPC2673
Project Name: 2800 Telegraph Ave., Oakland, CA
Project Number: 97093398
Received: 03/21/06 08:00

NELAC CERTIFICATION SUMMARY

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

<u>Method</u>	<u>Matrix</u>	<u>Analyte</u>
SW846 8260B	Water	Gasoline Range Organics



Nashville Division
COOLER RECEIPT FORM

BC#

NPC2673

Cooler Received/Opened On 3/21/06 @ 8:00

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 8330

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

2. Temperature of representative sample or temperature blank when opened: -1.2 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: (1) front

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

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

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

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

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert
Plastic bag Paper Other _____ None

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

LAB: Test America STL Other _____

SHELL Chain Of Custody Record

Lab Identification (if necessary):

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

Equiva Project Manager to be invoiced:

ENVIRONMENTAL SERVICES **Denis Brown**

TECHNICAL SERVICES

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

INCIDENT NUMBER (ES ONLY)

9 7 0 9 3 3 9 8

SAP or CRMT NUMBER (TS/CRMT)

DATE: 3/12/06

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services **LOG CODE:** BTSS **SITE ADDRESS: Street and City:** 2800 Telegraph Ave., Oakland **State:** CA **GLOBAL ID NO.:** T0600101244

ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112 **EDF DELIVERABLE TO (Responsible Party or Designee):** Dennis Baertschi, Cambria, Eureka Office **PHONE NO.:** 707-268-3813 **E-MAIL:** sonomaedf@cambria-env.com **CONSULTANT PROJECT NO.:** 06097-MT2

PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata **SAMPLER NAME(S) (Print):** Mike Bill **BTS #:**

TELEPHONE: 408-573-0555 **FAX:** 408-573-7771 **E-MAIL:** mninokata@blainetech.com **LAB USE ONLY**

TURNAROUND TIME (STANDARD IS 10 CALENDAR DAYS): STD 5 DAY 3 DAY 2 DAY 24 HOURS RESULTS NEEDED ON WEEKEND

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

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

NPC2673
03/31/06 17:00

RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

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)
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FIELD NOTES:

Container/Preservative or PID Readings or Laboratory Notes

TEMPERATURE ON RECEIPT C° 4.2 C

LAB USE ONLY	Field Sample Identification		SAMPLING		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)
			DATE	TIME															
	S-3R		3/12/06	0910	W	3	X	X	X				NPL	2673-1					
	S-6		↓	0830	↓	3	X	X	X						2				
	S-8		↓	0845	↓	3	X	X	X						3				

Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature) <u>[Signature]</u>	Date: <u>3/12/06</u>	Time: <u>1040</u>
Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature) <u>[Signature]</u>	Date: <u>3/12/06</u>	Time: <u>1658</u>
Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature) <u>[Signature]</u>	Date: <u>3-17-06</u>	Time: <u>1800</u>

WELLHEAD INSPECTION CHECKLIST

Page 1 of 1

Client Shell Date 3/17/06

Site Address 2800 Telegraph, Oakland

Job Number 060317-MTZ Technician KIT

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
S-3R	✓									
S-6	✓							A		
S-8		✓		✓				A		

NOTES: A = Christy Box

WELLHEAD INSPECTION CHECKLIST

Date 3/13/06 Client Shell
Site Address 2800 Telegraph Oakland
Job Number 060313-SL2 Technician Shawn

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
<u>S-3R</u>	<u>X</u>							

NOTES: _____

Repair Data Sheet

Client Shell Date 2-20-06
 Site Address 2800 Telegraph Ave, Oakland
 Job Number 060220A12 Technician Andrew Alimoff

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										Deficiency Logged on Repair Order	Deficiency Remains Uncorrected/Logged on Site Inspection Checklist	Partial Repair Completed/Outstanding Deficiency Logged on Repair Order	All Repairs Completed			
					Casing	Annular Seal	Tabs / Bolts	Box Structure	Apron	Trip Hazard	Below Grade	Not Secure by Design (12" diameter or less)	Lid not marked with words "MONITORING WELL"	Other Deficiency					Not Secure by Design (greater than 12" diameter)	Well Not Inspected (explain in notes)	
S-6												X						X			
Notes: <u>Christy box, tag well</u>																					
S-8												X						X			
Notes: <u>Christy box, tag well</u>																					
Notes:																					
Notes:																					
Notes:																					

WELL GAUGING DATA

Project # 060317-MTZ Date 3/17/06 Client Shell

Site 2800 Telegraph, Oakland

Well ID	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 <u>TOC</u>
S-3R	4					4.28	13.40	↓
S-6	3					6.31	21.70	
S-8	3					8.38	18.90	

SHELL WELL MONITORING DATA SHEET

BTS #: <u>060317-MT</u>	Site: <u>97093398</u>
Sampler: <u>LIT</u>	Date: <u>3/17/06</u>
Well I.D.: <u>S-3R</u>	Well Diameter: 2 3 <u>4</u> 6 8 _____
Total Well Depth (TD): <u>13.40</u>	Depth to Water (DTW): <u>4.28</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>6.12</u>	

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

<u>6</u> (Gals.) X <u>3</u> = <u>18</u> Gals.		
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
<u>0900</u>	<u>60.0</u>	<u>7.4</u>	<u>312.1</u>	<u>383</u>	<u>6</u>	
<u>0902</u>	<u>60.7</u>	<u>7.4</u>	<u>396.2</u>	<u>>1000</u>	<u>12</u>	
<u>0903</u>	<u>60.9</u>	<u>7.3</u>	<u>415.8</u>	<u>>1000</u>	<u>18</u>	

Did well dewater? Yes No Gallons actually evacuated: 18

Sampling Date: 3/17/06 Sampling Time: 0911 Depth to Water: 5.00

Sample I.D.: S-3R 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 #: <u>060317-LTV</u>		Site: <u>9709 3398</u>	
Sampler: <u>LT</u>		Date: <u>3/17/06</u>	
Well I.D.: <u>S-6</u>		Well Diameter: 2 <u>3</u> 4 6 8	
Total Well Depth (TD): <u>21.30</u>		Depth to Water (DTW): <u>6.31</u>	
Depth to Free Product:		Thickness of Free Product (feet):	
Referenced to: <u>EVE</u> Grade		D.O. Meter (if req'd): YSI HACH	
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>9.50</u>			

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

$\underline{5.7} \text{ (Gals.)} \times \underline{3} = \underline{17.1} \text{ Gals.}$ <p>1 Case Volume Specified Volumes Calculated Volume</p>	<table border="1" style="font-size: small; border-collapse: collapse;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
<u>0810</u>	<u>63.2</u>	<u>6.4</u>	<u>416.40</u>	<u>>1000</u>	<u>5.7</u>	<u>Order</u>
<u>0817</u>	<u>64.1</u>	<u>6.8</u>	<u>596.0</u>	<u>>1000</u>	<u>11.4</u>	<u>"</u>
<u>0825</u>	<u>64.5</u>	<u>6.8</u>	<u>600.2</u>	<u>>1000</u>	<u>17.1</u>	<u>"</u>

Did well dewater? Yes No Gallons actually evacuated: 17.1

Sampling Date: 3/17/06 Sampling Time: 0830 Depth to Water: 8.12

Sample I.D.: S-6 Laboratory: STL Other: TR

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 #: <u>060317-LTE</u>	Site: <u>97093398</u>
Sampler: <u>LT</u>	Date: <u>3/17/06</u>
Well I.D.: <u>S-8</u>	Well Diameter: 2 <u>(3)</u> 4 6 8 _____
Total Well Depth (TD): <u>10.90</u>	Depth to Water (DTW): <u>8.38</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>10.48</u>	

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

$\underline{3.9} \text{ (Gals.)} \times \underline{3} = \underline{11.7} \text{ Gals.}$ 1 Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
<u>0837</u>	<u>63.0</u>	<u>6.9</u>	<u>507.0</u>	<u>129</u>	<u>3.9</u>	<u>ok</u>
<u>0840</u>	<u>64.1</u>	<u>6.8</u>	<u>633.3</u>	<u>152</u>	<u>7.8</u>	<u>"</u>
<u>0943</u>	<u>64.7</u>	<u>6.7</u>	<u>649.6</u>	<u>140</u>	<u>11.7</u>	<u>"</u>

Did well dewater? Yes (X) Gallons actually evacuated: 11.7

Sampling Date: 3/17/06 Sampling Time: 0845 Depth to Water: 9.22

Sample I.D.: S-8 Laboratory: STL Other (7)

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

WELL GAUGING DATA

Project # 060313-SL2 Date 3/13/06 Client Shell

Site 2800 Telegraph Oakland

Well ID	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
S-32	4	odor				4.50	13.40	↓

WELL DEVELOPMENT DATA SHEET

Project #: <u>060313-ELZ</u>	Client: <u>Shell</u>
Developer: <u>SHAWN</u>	Date Developed: <u>3/13/08</u>
Well I.D. <u>S-3R</u>	Well Diameter: (circle one) 2 3 <u>4</u> 6
Total Well Depth: Before <u>13.40</u> After <u>13.50</u>	Depth to Water: Before <u>4.50</u> After <u>8.80</u>
Reason not developed:	If Free Product, thickness:
Additional Notations:	

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

<u>5.8</u>	X	<u>10</u>	=	<u>58</u>	gallons
1 Case Volume		Specified Volumes			

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

Type of Installed Pump _____
 Other equipment used 4" s107b

TIME	TEMP (F)	pH	Cond. (mS or μ S)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
<u>1010-1020</u>	<u>swabbed well w/ 4" swab</u>					
<u>1045</u>	<u>60.9</u>	<u>6.8</u>	<u>485</u>	<u>>1000</u>	<u>5.8</u>	<u>Dark Brown</u>
<u>1050</u>	<u>61.5</u>	<u>7.0</u>	<u>448</u>	<u>>1000</u>	<u>11.6</u>	<u>Hard Bottom (switched to ES pump)</u>
<u>1100</u>	<u>61.7</u>	<u>6.8</u>	<u>426</u>	<u>>1000</u>	<u>17.4</u>	<u>Becoming less Silty</u>
<u>1101</u>	<u>61.9</u>	<u>7.0</u>	<u>407</u>	<u>>1000</u>	<u>23.2</u>	
<u>1102</u>	<u>62.6</u>	<u>6.9</u>	<u>417</u>	<u>>1000</u>	<u>29.0</u>	<u>mild odor</u>
<u>1103</u>	<u>63.3</u>	<u>7.0</u>	<u>543</u>	<u>>1000</u>	<u>34.8</u>	
<u>1104</u>	<u>62.5</u>	<u>6.9</u>	<u>483</u>	<u>>1000</u>	<u>40.6</u>	
<u>1105-1115</u>	<u>well dewatered; swabbed well w/ 4" swab; DTW-10.50</u>					
<u>1117</u>	<u>63.0</u>	<u>7.1</u>	<u>573</u>	<u>>1000</u>	<u>46.4</u>	
<u>1118</u>	<u>63.8</u>	<u>7.0</u>	<u>544</u>	<u>>1000</u>	<u>52.2</u>	<u>Odor</u>
<u>1119</u>	<u>63.6</u>	<u>7.1</u>	<u>498</u>	<u>>1000</u>	<u>58.0</u>	

Did Well Dewater? <u>Y</u>	If yes, note above. <u>✓</u>	Gallons Actually Evacuated: <u>58 gal</u>
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Appendix G

Virgil Chavez Land Surveying Results

March 23, 2006
Project No.: 2110-46

Bill DeBoer
Cambria Environmental
1144-65th Street, Suite C
Oakland, CA 94608

Subject: Monitoring Well Survey
 Former Shell Service Station
 2800 Telegraph Avenue
 Oakland, CA

Dear Bill:

This is to confirm that we have proceeded at your request to survey the ground water monitoring wells located at the above referenced location. The survey was completed on March 22, 2006. The benchmark for this survey was a cut "X" in the top of curb near the southwest return of the northwest corner of 34th and Broadway. The latitude, longitude and coordinates are for top of casings and are based on the California State Coordinate System, Zone III (NAD83).

Benchmark Elevation = 60.40 feet (NGVD 29).

<u>Latitude</u>	<u>Longitude</u>	<u>Northing</u>	<u>Easting</u>	<u>Elev.</u>	<u>Desc.</u>
37.8168183	-122.2675528	2124705.40	6051123.98	32.79	RIM S-6
				32.39	TOC S-6
				32.18	RIM S-8
37.8165733	-122.2677021	2124617.02	6051079.19	31.90	TOC S-8

Sincerely,

Virgil D. Chavez, PLS 6323

Virgil Chavez Land Surveying

721 Tuolumne Street
Vallejo, California 94590
(707) 553-2476 • Fax (707) 553-8698

April 20, 2006
Project No.: 2110-46A

APR 24 2006

Bill DeBoer
Cambria Environmental
5900 Hollis Street, Suite A
Emeryville, Ca. 945608

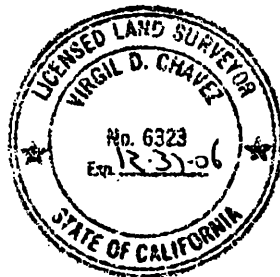
Subject: Monitoring Well Survey
Former Shell Service Station
2800 Telegraph Avenue
Oakland, CA

Dear Bill:

This is to confirm that we have proceeded at your request to survey the ground water monitoring wells located at the above referenced location. The survey was completed on April 13, 2006. The benchmark for this survey was a cut "X" in the top of curb near the southwest return of the northwest corner of 34th and Broadway. The latitude, longitude and coordinates are for top of casings and are based on the California State Coordinate System, Zone III (NAD83).

Benchmark Elevation = 60.40 feet (NGVD 29).

<u>Latitude</u>	<u>Longitude</u>	<u>Northing</u>	<u>Easting</u>	<u>Elev.</u>	<u>Desc.</u>
37.8169564	-122.2675128	2124755.47	6051136.51	33.33	RIM S-3R
				32.65	TOC S-3R



Sincerely,

Virgil D. Chavez

 Virgil D. Chavez, PLS 6323