es ConocoPhillips
76 Broadway
Sacramento, California 95818

January 27, 2010

Ms. Barbara Jakub
Alameda County Health Agency
1131 Harbor Bay Parkway
Alameda, California 94502-6577

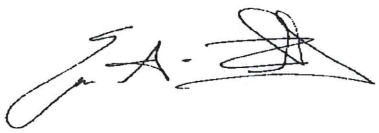
Re: Report Transmittal
Semi-Annual Summary Report
July through December 2009
76 Service Station # 5325
3220 Lakeshore Avenue
Oakland, CA

Dear Ms. Jakub:

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

If you have any questions or need additional information, please call me at (916) 558-7604.

Sincerely,



Eric G. Hetrick
Site Manager
Risk Management & Remediation

DELTA

January 19, 2010

Ms. Barbara Jakub
Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Re: Semi-Annual Summary Report – July through December 2009
76 Service Station No. 5325
3220 Lakeshore Avenue
Oakland, California
RO#0229

Dear Ms. Jakub,

Delta Consultants (Delta) is submitting this subject report for the Semi-Annual groundwater sampling event.

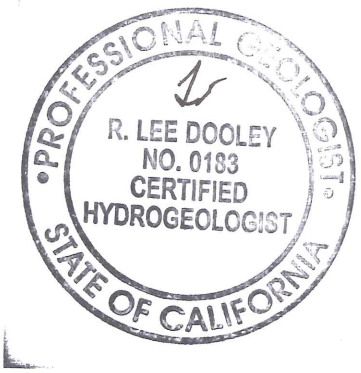
Please contact me at (916) 503-1260 if you have questions.

Sincerely,

Sincerely,
Delta Consultants

Tony Perini
Senior Project Engineer

R. Lee Dooley
Certified Hydrogeologist #183



cc: Terry Grayson – ConocoPhillips (electronic copy only)

Enclosure

SEMI-ANNUAL SUMMARY REPORT
July through December 2009

76 Service Station No. 5325
RO#0229
3220 Lakeshore Avenue
Oakland, California
County: Alameda

SITE DESCRIPTION

The site, an operating 76 Service Station is located on the southeast corner of the intersection of Lakeshore Avenue and Lake Park Avenue in Oakland, California. The site is bounded to the north by Lakeshore Avenue; to the west and southwest by Lake Park Avenue; to the southeast by a supermarket parking lot; and to the east by a pharmacy. Current site improvements consist of the service station building with three service bays, three product dispenser islands, and two 12,000-gallon double-wall fiberglass gasoline underground storage tanks (USTs).

SITE BACKGROUND AND ACTIVITY

May 1990 Three exploratory soil borings were advanced adjacent to the UST complex to depths ranging from 10 to 12.5 feet below ground surface (bgs). Soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-G) and benzene, toluene, ethylbenzene, and xylenes (BTEX). The samples contained TPH-G concentrations ranging from 2 to 7,500 parts per million (ppm) and benzene concentrations ranging from 0.14 to 13 ppm.

June 1990 Two 10,000-gallon gasoline USTs, one 550-gallon waste oil UST, and related product dispensers were replaced. Soil samples from the UST excavation sidewalls and bottom and product line trenches were reported to contain TPH-G and benzene at concentrations ranging from 12 to 2,800 ppm and 0.008 to 11 ppm, respectively. Approximately 250 cubic yards of soil and backfill material were aerated onsite to reduce concentrations to below 100 ppm TPH-G, then transported to an appropriate soil disposal facility. Groundwater was encountered at approximately 7.5 feet bgs.

September 1990 Monitoring wells U-1, U-2, and U-3 were installed. TPH-G was detected in soil samples collected from the capillary fringe in well borings U-1 and U-2 at levels of 110 and 480 ppm, respectively. Benzene was detected in the soil sample from well boring U-1 at a level of 4.5 ppm. Petroleum hydrocarbons were not detected in soil or groundwater samples from U-3. Groundwater samples collected from wells U-1 and U-2 were reported to contain 690 and 38 parts per billion (ppb) TPH-G and 780 and 27 ppb benzene, respectively.

June 1990 Monitoring wells U-4, U-5, and U-6 were installed. TPH-G and benzene were detected in the capillary fringe soil sample collected from boring U-5 at levels of 400 ppm and 1.9 ppm, respectively. TPH-G and benzene were not detected in soil samples collected from borings U-4 and U-6. Groundwater levels stabilized at depths between 8.8 and 9.2 feet bgs.

November 1996 One 550-gallon waste oil UST was removed and the product lines and dispensers were replaced. A soil sample collected from the sidewall of the waste oil UST excavation contained 1.5 ppm total petroleum hydrocarbons as diesel (TPH-D) and 78 ppm total oil and grease (TOG). TPH-G, benzene, methyl tertiary butyl ether (MTBE), halogenated volatile organic compounds (HVOCs), and semi-volatile organic compounds (SVOCs) were not detected. Product line trench excavation and over excavation samples were reported to contain petroleum hydrocarbon levels ranging from non-detect to 880 ppm of TPH-G, non-detect to 3.6 ppm of benzene, and non-detect to 23 ppm of MTBE. Approximately 276 tons of excavated soil was transported to an appropriate disposal facility.

June 1997 Two exploratory borings (U-D and U-E) and one UST observation well were installed. U-D was advanced offsite on Lakeshore Avenue. TPH-G, BTEX, and MTBE were detected in one or all of the soil samples collected at the capillary fringe from the soil borings. TPH-G and MTBE were detected at a maximum of 450 ppm and 1.1 ppm, respectively, in U-D.

October 2003 Site environmental consulting responsibilities were transferred to TRC.

April 2006 Three ozone sparge wells (C-1 through C-3) were installed by TRC in the vicinity of U-2 for the purpose of an ozone pilot study. Total purgeable petroleum hydrocarbons (TPPH) were detected at a maximum of 4,600 milligrams per kilograms (mg/kg) in the five feet below grade (fbg) soil sample collected from C-1.

October 2007 Site environmental consulting responsibilities were transferred to Delta Consultants.

SENSITIVE RECEPTORS

Lake Merritt is located approximately 0.3 miles downgradient. No domestic water wells are located within a one mile distance of the site.

GROUNDWATER MONITORING AND SAMPLING

The groundwater monitoring well network, consists of five onsite and one offsite monitoring wells. During the sampling event conducted on December 3 and 4, 2009, the groundwater flow direction was reported to the northeast in the eastern portion of the site and southwest in the southern portion of the site. A groundwater high runs east-west through the central portion of the site (**Figure 3**). The Fourth Quarter 2009 depth to water measurements are presented on **Table 1.**

The gradient was variable at 0.016 ft/ft to the east and 0.047 ft/ft to the west. Historical groundwater flow directions are shown on a rose diagram presented as **Attachment A**.

Depth to groundwater in the site wells ranged from 5.13 feet (U-2) to 11.10 feet (U-3) below the top of casing (TOC) and the average groundwater elevation was 1.40 feet above mean sea level. Field notes taken during the Fourth Quarter 2009 sampling event are presented as **Attachment B**.

Current groundwater monitoring analytical results are presented in **Table 1.** Historical groundwater monitoring analytical results are presented in **Tables 2** and **Table 2A**.

TPH-G: Reported in three of the six sampled wells at concentrations of 8,330 ug/l (U-1), 7,410 ug/l (U-2), and 160 ug/l (U-5). Since the previous sampling event, June 2009, TPH-G increased at wells U-1 (4,000 ug/l), U-2 (2,900 ug/l), and U-5 (80 ug/l). TPH-G groundwater concentration map for the Fourth Quarter 2009 is presented as **Figure 4**.

Benzene: Reported in two of the six sampled wells at concentrations of 0.56 µg/L in well U-1 and 3.5 ug/l at well U-2. This is a slight decrease from the concentration of 11 µg/L at well U-2 and slight increase from the non-detectable value at well U-1 from the June 2009 sampling event.

MTBE: Reported in four of the six sampled wells at concentrations of 10.9 ug/l (U-1), 83.4 ug/l (U-2), 1.2 ug/l (U-3), and 4.6 ug/l (U-5). Since the previous sampling event, June 2009, MtBE increased at well U-1 (10 ug/l) decreased at well U-2 (150 ug/l), increased at well U-3 (0.65 ug/l) and decreased at well U-5 (7.1 ug/l). MtBE groundwater concentration map for the Fourth Quarter 2009 is presented as **Figure 5**.

TBA: Reported in three of the six sampled wells at concentrations of 729 ug/l (U-1), 2,420 ug/l (U-2), and 79.4 ug/l (U-5). TBA was not analyzed in the June 2009 sampling event. TBA groundwater concentration map for the Fourth Quarter 2009 is presented as **Figure 6**.

REMEDIATION STATUS

A 3-month ozone sparge event was completed from June through August 2006. TRC completed two quarters of post-remedial groundwater monitoring. During the time period from June through September 2006, which correlates with the groundwater sampling events, the following trends were observed.

1) TPH-G and MtBE decreased in the northern section of the site, at wells U-1 and U-5.
2) MtBE offsite migration was reduced as observed at well U-6.
3) TPH-G and MtBE increased near the dispenser islands at well U-2.

CHARACTERIZATION STATUS

Site assessment appears complete along the southern section of the site where groundwater concentrations were at low to non-detectable levels at wells U-3 and U-4. Based on the Fourth Quarter 2009 sampling event, the majority of the plume appears to be concentrated in the northern section of the site at wells U-1 and U-2.

RECENT CORRESPONDENCE

On July 24, 2009 Alameda County Health Care Service (ACHCS) sent a letter to ConocoPhillips changing the monitoring schedule from Quarterly to semiannual.

SEMI-ANNUAL ACTIVITIES (July through December 2009)

- Delta prepared the *Quarterly Status Report - Second Quarter 2009*, dated July 30, 2009.
- Delta performed the semiannual monitoring and sampling event on December 3 and 4, 2009.

SEMI-ANNUAL ACTIVITIES (January through June 2010)

- Delta to prepare and submit the *Semi-annual Status Report – July through December 2009*.
- Delta to prepare a workplan to address the mounding of groundwater in the central section of the site. This may be result of the requirement for re-development of wells U-1 and U-3 and possible replacement of well U-2.
- Delta to coordinate semi-annual sampling event.
- Delta will prepare a Remedial Action Plan (RAP) report to address the contaminant regions in the vicinity of the dispenser islands and former USTs.

CONSULTANT: Delta Consultants

Figures

Figure 1 Site Location Map
Figure 2 Site Plan
Figure 3 Groundwater Elevation Map
Figure 4 TPH-G Concentrations in Groundwater Map
Figure 5 MTBE Concentrations in Groundwater Map
Figure 6 TBA Concentrations in Groundwater Map

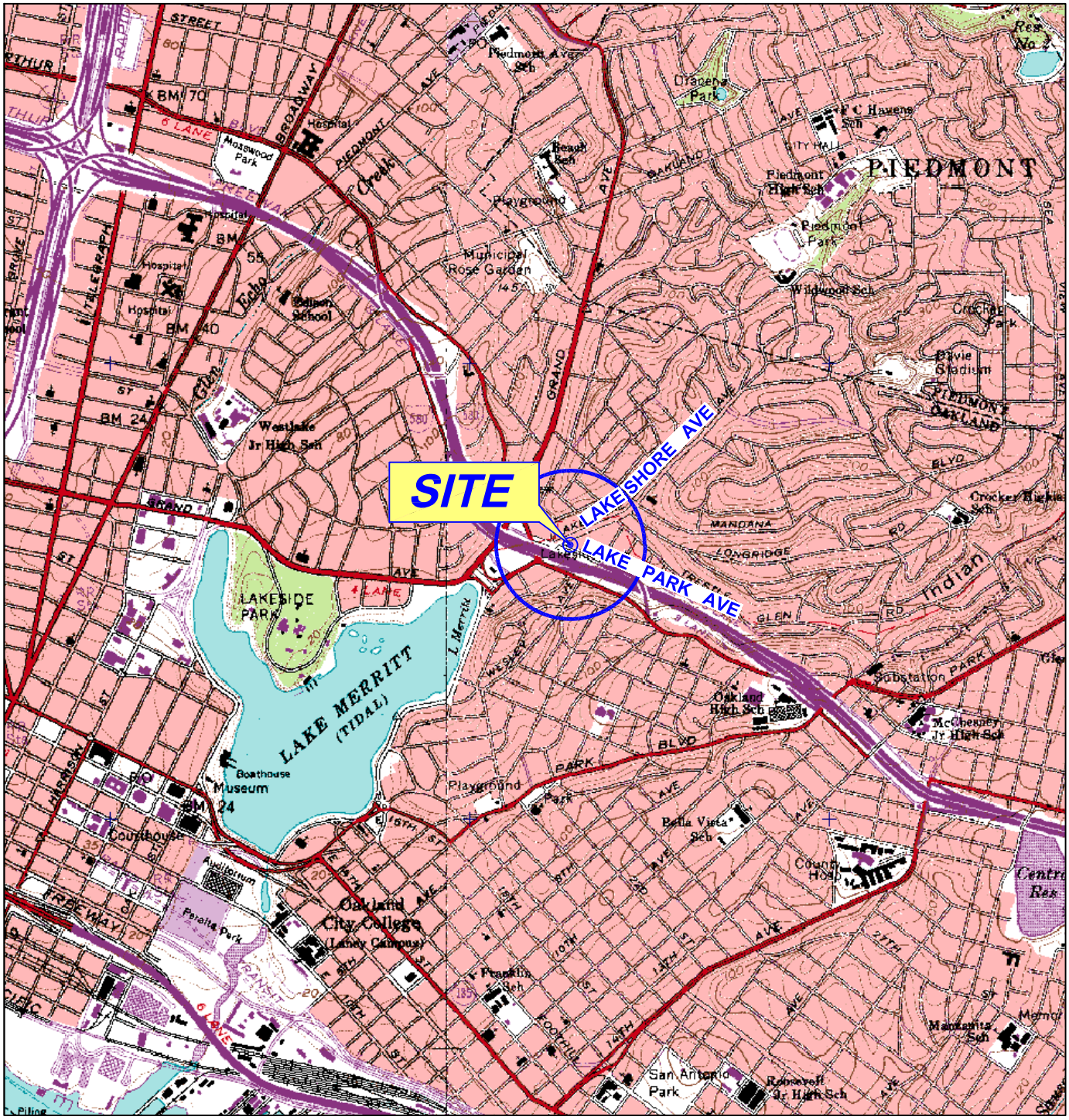
Table

Table 1 - Groundwater Elevations and Analytical Results (TPH-G, BTEX, & MTBE)
Table 2 - Historic Groundwater Elevations and Analytical Results (TPH-G, BTEX, & MTBE)
Table 2a - Historic Groundwater Analytical Results (Fuel Oxygenates)

Attachments

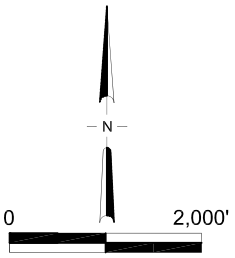
Attachment A Historical Groundwater Flow Directions
Attachment B Field Data Sheets
Attachment C: Pace Laboratory's Analytical Report dated December 17 and December 22, 2009

Figures



GENERAL NOTES:
BASE MAP FROM 3-D TOPO QUADS
OAKLAND WEST & OAKLAND EAST, CA. QUADRANGLE
7.5 MINUTE TOPOGRAPHIC MAP

SITE LOCATION



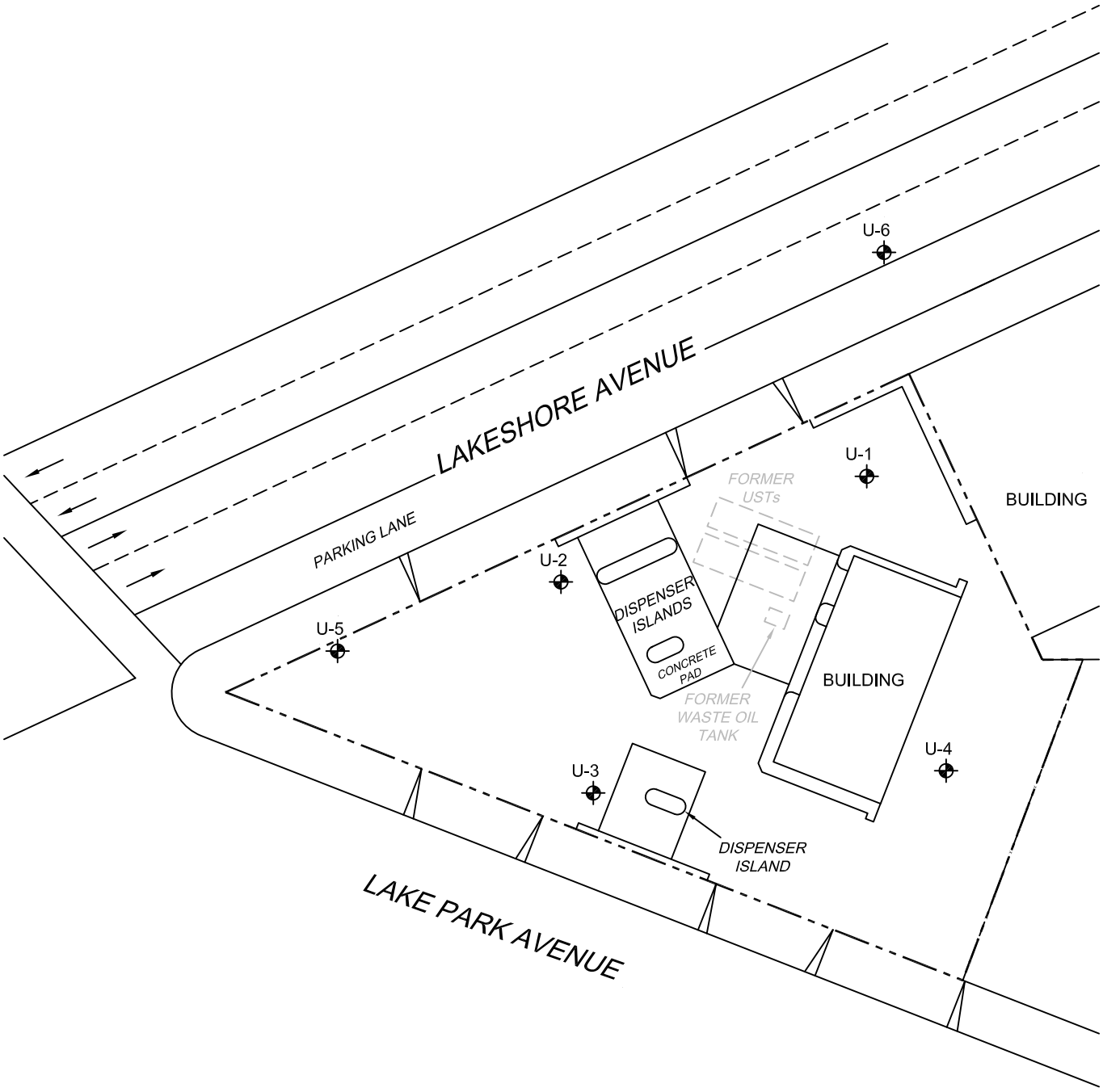
SCALE

FIGURE 1
SITE LOCATION MAP

76 STATION NO. 5325
3220 LAKESHORE AVENUE
OAKLAND, CALIFORNIA

PROJECT NO. 140255325		DRAWN BY K. MARTIN	
FILE NO. 5325-SLM		PREPARED BY J. FILLINGAME	
DATE 30 DEC 09	REV. 0	REVIEWED BY	

DELTA



EXPLANATION

U-6 ⊕ GROUNDWATER MONITORING WELL LOCATION

N

0 40'

SCALE

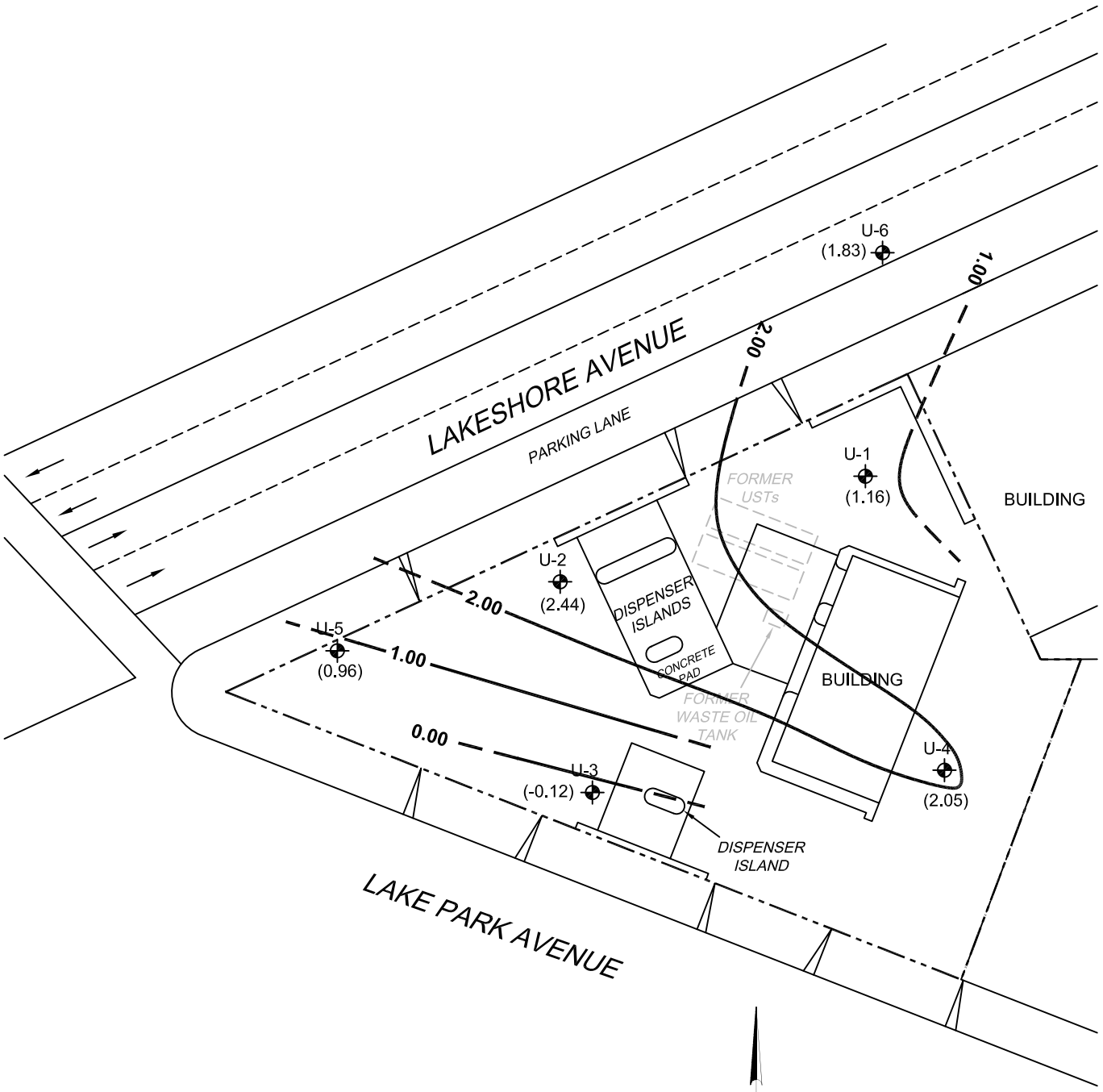
REFERENCE: TRC

FIGURE 2
SITE MAP

76 STATION NO. 5325
3220 LAKESHORE AVENUE
OAKLAND, CALIFORNIA

PROJECT NO.	DRAWN BY
140255325	K. MARTIN
FILE NO.	PREPARED BY
5325-SM	J. FILLINGAME
DATE / REV.	REVIEWED BY
30 DEC 09 / 0	

DELTA



EXPLANATION

U-6 ⊕	GROUNDWATER MONITORING WELL LOCATION
(2.05)	GROUNDWATER ELEVATION IN FEET ABOVE SEA LEVEL
3.00 ——	GROUNDWATER CONTOUR LINE IN FEET ABOVE SEA LEVEL; DASHED WHERE INFERRED (CONTOUR INTERVAL: 1.00 FT)
→	GENERAL DIRECTION OF GROUNDWATER FLOW

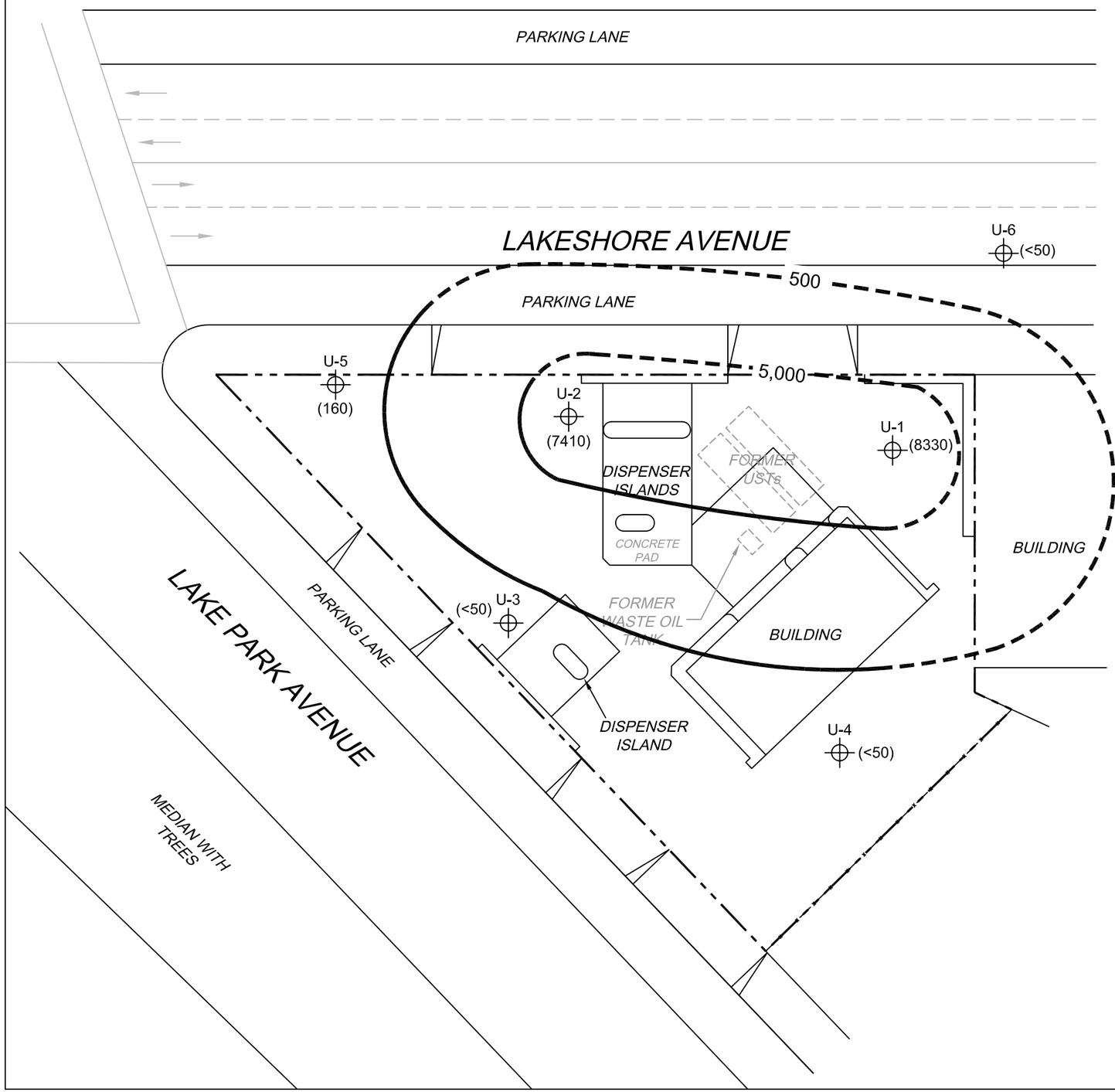
REFERENCE: TRC

FIGURE 3
GROUNDWATER ELEVATION CONTOUR MAP - DECEMBER 3, 2009
76 STATION NO. 5325
3220 LAKESHORE AVENUE
OAKLAND, CALIFORNIA

PROJECT NO. 140255325		DRAWN BY K. MARTIN	
FILE NO. 5325-SM		PREPARED BY J. FILLINGAME	
DATE 30 DEC 09	REV. 0	REVIEWED BY	

DELTA

LAYER: 4Q09-GW



LEGEND

U-6 — MONITORING WELL

PROPERTY BOUNDARY

(8330) — TPH-G CONCENTRATION (ug/L)

500 — TPH-G ISOCONCENTRATION CONTOUR -DASHED WHERE INFERRED (ug/L)

NOTES:

TPH-G = TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
ug/L = MICROGRAMS PER LITER
<50 = LESS THAN LABORATORY DETECTED REPORTING LIMITS

N

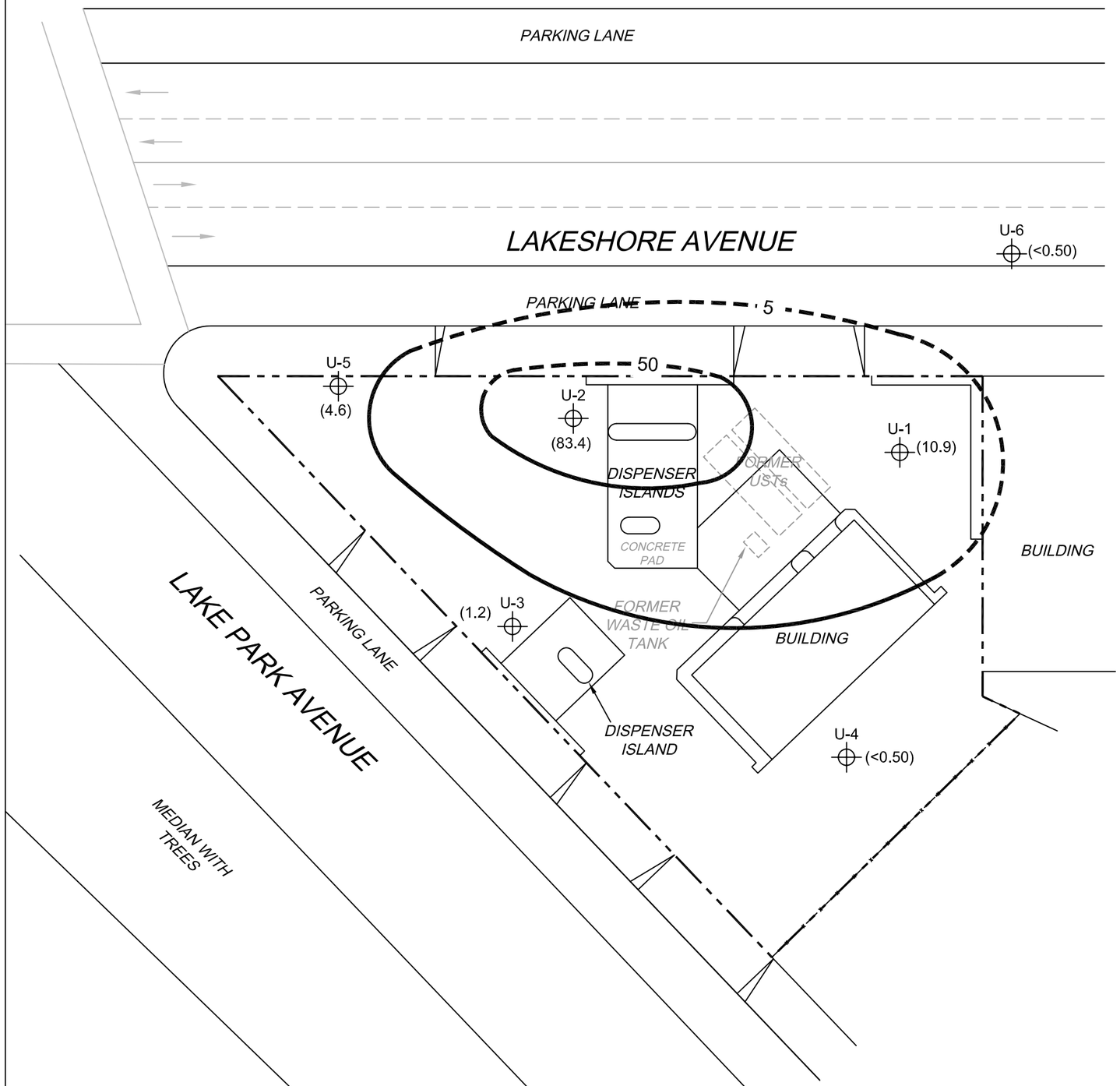
0 30 FT

SCALE

FIGURE 4
TPH–G CONCENTRATIONS IN GROUNDWATER
DECEMBER 4, 2009
76 STATION NO. 5325
3220 LAKESHORE DRIVE
OAKLAND, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY
140255325	TP	JH
DATE	REVIEWED BY	FILE NAME
01/13/10	TP	76-5325

DELTA®



LEGEND

U-6 — MONITORING WELL

PROPERTY BOUNDARY

(83.4) — MTBE CONCENTRATION (ug/L)

50 — MTBE ISOCONCENTRATION CONTOUR -DASHED WHERE INFERRED (ug/L)

NOTES:

MTBE = METHYL TERT BUTYL ETHER
ug/L = MICROGRAMS PER LITER
<0.50 = LESS THAN LABORATORY DETECTED REPORTING LIMITS

N

0 30 FT

SCALE

FIGURE 5
MTBE CONCENTRATIONS IN GROUNDWATER
DECEMBER 4, 2009
76 STATION NO. 5325
3220 LAKESHORE DRIVE
OAKLAND, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY
140255325	TP	JH
DATE	REVIEWED BY	FILE NAME
01/13/10	TP	76-5325

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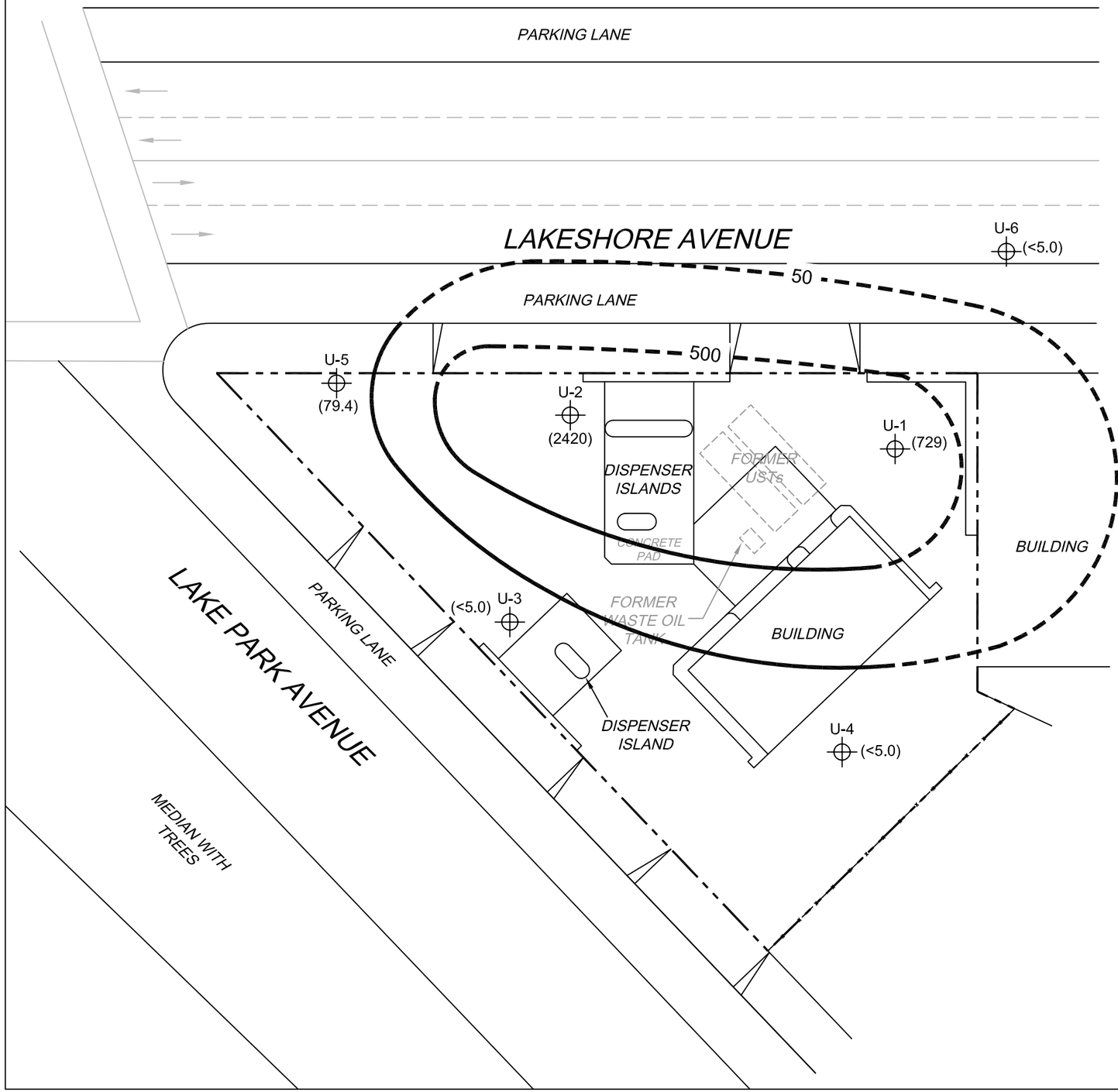


LEGEND

U-6 — MONITORING WELL

PROPERTY BOUNDARY

(8330) — TBA CONCENTRATION (ug/L)

500 — TBA ISOCONCENTRATION CONTOUR
-DASHED WHERE INFERRED (ug/L)

NOTES:

TBA = TERT BUTYL ALCOHOL
ug/L = MICROGRAMS PER LITER
<50 = LESS THAN LABORATORY DETECTED REPORTING LIMITS

N

0 30 FT

SCALE

FIGURE 6
TBA CONCENTRATIONS IN GROUNDWATER
DECEMBER 4, 2009
76 STATION NO. 5325
3220 LAKESHORE DRIVE
OAKLAND, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY
140255325	TP	JH
DATE	REVIEWED BY	FILE NAME
01/13/10	TP	76-5325

DELTA®

Tables

Table 1
Groundwater Elevations and Analytical Results (TPH-G, BTEX & MtBE)
3200 Lakeshore Avenue, Oakland, CA
76 Station 5325

	Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (Luft) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)		Comments
U-1																
	8/10/1990	--	--	--	--	--	690	--	38	75	8.6	130	--	--	--	
	1/7/1991	--	--	--	--	--	250	--	22	16	4.2	17	--	--	--	
	4/1/1991	--	--	--	--	--	160	--	13	8.6	1.0	15	--	--	--	
	7/3/1991	--	--	--	--	--	140	--	21	4.3	0.36	17	--	--	--	
	10/9/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--	
	2/12/1992	--	--	--	--	--	250	--	ND	ND	ND	ND	--	--	--	
	5/5/1992	--	--	--	--	--	230	--	1.2	ND	ND	ND	--	--	--	
	6/11/1992	--	--	--	--	--	1000	--	80	1.4	6.7	41	--	--	--	
	8/20/1992	--	--	--	--	--	400	--	1.0	ND	ND	0.6	--	--	--	
	2/22/1993	--	--	--	--	--	34000	--	1400	5500	910	7300	--	--	--	
	5/7/1993	--	--	--	--	--	8700	--	600	240	650	3300	--	--	--	
	8/8/1993	--	--	--	--	--	4900	--	79	ND	832	270	--	--	--	
	11/16/1993	5.32	8.61	0	-3.29	--	690	--	ND	ND	ND	ND	--	--	--	
	2/16/1994	5.32	8.54	0	-3.22	0.07	6800	--	ND	ND	ND	ND	--	--	--	
	6/22/1994	8.46	8.39	0	0.07	3.29	200	--	ND	ND	5.9	21	--	--	--	
	9/22/1994	8.46	8.66	0	-0.20	-0.27	6100	--	ND	ND	ND	ND	--	--	--	
	12/24/1994	8.46	8.04	0	0.42	0.62	50000	--	2500	9700	2400	17000	--	--	--	
	3/25/1995	8.46	7.72	0.37	1.02	0.60	--	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
	6/21/1995	8.46	9.30	0.2	-0.69	-1.71	--	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
	9/19/1995	8.46	9.29	0.4	-0.53	0.16	--	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
	12/19/1995	8.46	8.98	0.03	-0.50	0.03	--	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
	3/18/1996	8.46	8.25	0	0.21	0.71	27000	--	ND	2300	1400	11000	4900	--	--	
	6/27/1996	8.46	7.92	0	0.54	0.33	120000	--	540	4300	2600	26000	ND	--	--	
	9/26/1996	8.46	9.10	0.02	-0.63	-1.17	--	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
	12/9/1996	8.46	6.88	0.03	1.60	2.23	--	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
	3/14/1997	8.46	9.02	0.55	-0.15	-1.75	--	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
	6/30/1997	8.46	8.41	0.02	0.07	0.21	--	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
	9/19/1997	8.46	8.56	0.02	-0.09	-0.15	--	--	--	--	--	--	--	--	--	Not sampled due to LPH in well

Table 1
Groundwater Elevations and Analytical Results (TPH-G, BTEX & MtBE)
3200 Lakeshore Avenue, Oakland, CA
76 Station 5325

	Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (Luft) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)		Comments
U-1																
	8/10/1990	--	--	--	--	--	690	--	38	75	8.6	130	--	--	--	
	1/7/1991	--	--	--	--	--	250	--	22	16	4.2	17	--	--	--	
	4/1/1991	--	--	--	--	--	160	--	13	8.6	1.0	15	--	--	--	
	7/3/1991	--	--	--	--	--	140	--	21	4.3	0.36	17	--	--	--	
	10/9/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--	
	2/12/1992	--	--	--	--	--	250	--	ND	ND	ND	ND	--	--	--	
	5/5/1992	--	--	--	--	--	230	--	1.2	ND	ND	ND	--	--	--	
	6/11/1992	--	--	--	--	--	1000	--	80	1.4	6.7	41	--	--	--	
	8/20/1992	--	--	--	--	--	400	--	1.0	ND	ND	0.6	--	--	--	
	2/22/1993	--	--	--	--	--	34000	--	1400	5500	910	7300	--	--	--	
	5/7/1993	--	--	--	--	--	8700	--	600	240	650	3300	--	--	--	
	8/8/1993	--	--	--	--	--	4900	--	79	ND	832	270	--	--	--	
	11/16/1993	5.32	8.61	0	-3.29	--	690	--	ND	ND	ND	ND	--	--	--	
	2/16/1994	5.32	8.54	0	-3.22	0.07	6800	--	ND	ND	ND	ND	--	--	--	
	6/22/1994	8.46	8.39	0	0.07	3.29	200	--	ND	ND	5.9	21	--	--	--	
	9/22/1994	8.46	8.66	0	-0.20	-0.27	6100	--	ND	ND	ND	ND	--	--	--	
	12/24/1994	8.46	8.04	0	0.42	0.62	50000	--	2500	9700	2400	17000	--	--	--	
	3/25/1995	8.46	7.72	0.37	1.02	0.60	--	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
	6/21/1995	8.46	9.30	0.2	-0.69	-1.71	--	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
	9/19/1995	8.46	9.29	0.4	-0.53	0.16	--	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
	12/19/1995	8.46	8.98	0.03	-0.50	0.03	--	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
	3/18/1996	8.46	8.25	0	0.21	0.71	27000	--	ND	2300	1400	11000	4900	--	--	
	6/27/1996	8.46	7.92	0	0.54	0.33	120000	--	540	4300	2600	26000	ND	--	--	
	9/26/1996	8.46	9.10	0.02	-0.63	-1.17	--	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
	12/9/1996	8.46	6.88	0.03	1.60	2.23	--	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
	3/14/1997	8.46	9.02	0.55	-0.15	-1.75	--	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
	6/30/1997	8.46	8.41	0.02	0.07	0.21	--	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
	9/19/1997	8.46	8.56	0.02	-0.09	-0.15	--	--	--	--	--	--	--	--	--	Not sampled due to LPH in well

Table 1

Groundwater Elevations and Analytical Results (TPH-G, BTEX & MtBE)

3200 Lakeshore Avenue, Oakland, CA

	12/12/1997	8.46	8.58	0.01	-0.11	-0.03	--	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
	3/3/1998	8.46	8.23	0.04	0.26	0.37	--	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
	6/15/1998	8.46	8.37	0	0.09	-0.17	52000	--	ND	900	1800	13000	ND	--	--	Sheen
	9/30/1998	8.46	8.94	0	-0.48	-0.57	1000000	--	ND	2600	13000	83000	4800	--	--	Sheen
	12/28/1998	8.46	8.57	0	-0.11	0.37	1100000	--	ND	1600	8600	71000	5700	--	--	
	3/22/1999	8.46	8.18	0	0.28	0.39	130000	--	470	1100	2000	28000	5700	--	--	Sheen
	6/9/1999	8.46	9.37	0	-0.91	-1.19	40000	--	230	640	590	13000	3500	2100	--	
	9/8/1999	8.46	9.53	0	-1.07	-0.16	55000	--	217	202	745	14300	6890	6690	--	
	12/7/1999	8.46	9.67	0	-1.21	-0.14	41200	--	89.3	ND	385	6930	15800	14700	--	
	3/13/2000	8.46	8.44	0	0.02	1.23	48000	--	490	610	2400	10000	22000	23000	--	
	6/21/2000	8.46	9.45	0	-0.99	-1.01	37000	--	200	ND	1200	7200	15000	20000	--	
	9/27/2000	8.46	9.29	0	-0.83	0.16	15000	--	92	ND	540	2800	74000	83000	--	
	12/12/2000	8.46	9.37	0	-0.91	-0.08	50000	--	ND	ND	250	1900	12000	15000	--	
	3/7/2001	8.46	8.45	0	0.01	0.92	6220	--	29.8	10.4	96.3	638	11200	11800	--	
	6/6/2001	8.46	9.29	0	-0.83	-0.84	5200	--	17	ND	69	420	6500	8700	--	
	9/24/2001	8.46	9.39	0	-0.93	-0.10	4300	--	36	<25	65	590	4400	4400	--	
	12/10/2001	8.46	9.17	0	-0.71	0.22	11000	--	220	<100	380	1500	5100	5100	--	
	3/11/2002	8.46	9.44	0	-0.98	-0.27	5500	--	28	<20	360	690	6400	6300	--	
	6/4/2002	8.46	8.32	0	0.14	1.12	4600	--	31	<10	240	180	6500	--	--	
	9/3/2002	8.46	9.36	0	-0.90	-1.04	2300	--	<12	<12	<12	68	3500	4700	--	
	12/3/2002	8.46	8.18	0	0.28	1.18	--	<5000	<50	<50	<50	<100	--	4700	--	
	3/4/2003	8.46	8.29	0	0.17	-0.11	--	8900	26	<25	400	130	--	5500	--	
	6/18/2003	8.46	7.58	0	0.88	0.71	--	8300	<25	<25	<25	<50	--	10000	--	
	9/24/2003	8.46	8.18	0	0.28	-0.60	--	<10000	<100	<100	<100	<200	--	11000	--	
	12/2/2003	8.46	8.90	0	-0.44	-0.72	--	<10000	<100	<100	<100	<200	--	11000	--	
	3/30/2004	8.46	8.38	0	0.08	0.52	--	12000	<100	<100	190	<200	--	13000	--	
	6/7/2004	8.46	10.35	0	-1.89	-1.97	--	13000	<100	<100	<100	<200	--	12000	--	
	9/9/2004	8.46	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
	12/20/2004	8.46	9.00	0	-0.54	--	--	<50	<0.50	<0.50	<0.50	<1.0	--	8.2	--	
	3/28/2005	8.46	8.10	0	0.36	0.90	--	37000	<10	<10	1500	5300	--	460	--	
	6/14/2005	8.46	8.91	0	-0.45	-0.81	--	3900	<0.50	<0.50	48	68	--	60	--	
	9/28/2005	8.46	11.35	0	-2.89	-2.44	--	560	<0.50	0.60	3.0	26	--	18	--	
	12/29/2005	8.46	8.58	0	-0.12	2.77	--	510	0.77	<0.50	27	63	--	62	--	
	3/27/2006	8.46	7.20	0	1.26	1.38	--	29000	<25	<25	1500	4900	--	300	--	
	6/12/2006	8.46	7.81	0	0.65	-0.61	--	3200	<0.50	<0.50	42	15	--	56	--	
	9/21/2006	8.46	8.04	0	0.42	-0.23	--	2600	<12	<12	<12	<12	--	30	--	
	12/21/2006	8.46	8.32	0	0.14	-0.28	--	2000	<0.50	<0.50	13	2.2	--	53	--	
	3/28/2007	8.46	6.17	0	2.29	2.15	--	12000	<2.5	<2.5	690	1900	--	110	--	
	6/27/2007	8.46	5.39	0	3.07	0.78	--	13000	2.8	<2.5	960	1300	--	79	--	
	9/26/2007	8.46	5.32	0	3.14	0.07	--	6900	2.6	<2.5	310	680	--	44	--	
	12/27/2007	8.46	8.12	0	0.34	-2.80	--	5900	<2.5	<2.5	290	130	--	42	--	

Table 1

Groundwater Elevations and Analytical Results (TPH-G, BTEX & MtBE)

3200 Lakeshore Avenue, Oakland, CA

	3/26/2008	8.46	7.84	0	0.62	0.28	--	3500	<2.5	<2.5	100	18	--	30	--	
	6/18/2008	8.46	7.04	0	1.42	0.80	--	8400	<5.0	<5.0	230	86	--	26	--	
	9/24/2008	8.46	6.90	0	1.56	0.14	--	6000	3.3	<2.5	170	86	--	78	--	
	12/22/2008	8.46	7.70	0	0.76	-0.80	--	6400	0.64	<0.50	95	7.0	--	12	--	
	3/26/2009	8.46	7.55	0	0.91	0.15	--	5700	<2.5	<2.5	72	6.5	--	10	--	
	6/23/2009	8.46	6.80	0	1.66	0.75	--	4000	<2.5	<2.5	41	<0.50	--	10		
	12/4/2009	**8.46**	**7.30**	**0**	**1.16**	**-0.50**	**--**	**8330**	**0.56**	<0.50	**13.5**	**1.6**	--	**10.9**		
U-2																
	8/10/1990	--	--	--	--	--	780	--	27	46	15	130	--	--	--	
	1/7/1991	--	--	--	--	--	1900	--	67	5.8	58	69	--	--	--	
	4/1/1991	--	--	--	--	--	1700	--	250	89	34	190	--	--	--	
	7/3/1991	--	--	--	--	--	2100	--	150	25	3.1	290	--	--	--	
	10/9/1991	--	--	--	--	--	230	--	7.1	ND	ND	11	--	--	--	
	2/12/1992	--	--	--	--	--	410	--	1.9	ND	0.36	0.4	--	--	--	
	5/5/1992	--	--	--	--	--	1600	--	120	52	6.2	290	--	--	--	
	6/11/1992	--	--	--	--	--	620	--	17	2.1	ND	37	--	--	--	
	8/20/1992	--	--	--	--	--	700	--	28	6.5	1.3	4.6	--	--	--	
	2/22/1993	--	--	--	--	--	3400	--	2400	2100	1200	5800	--	--	--	
	5/7/1993	--	--	--	--	--	17000	--	1800	660	1700	4000	--	--	--	
	8/8/1993	--	--	--	--	--	5600	--	420	ND	410	670	--	--	--	
	11/16/1993	4.53	8.17	0	-3.64	--	510	--	ND	ND	ND	ND	--	--	--	
	2/16/1994	4.53	7.73	0	-3.20	0.44	980	--	49	13	2.7	40	--	--	--	
	6/22/1994	7.62	7.60	0	0.02	3.22	31000	--	2200	62	1500	3500	--	--	--	
	9/22/1994	7.62	7.93	0	-0.31	-0.33	8500	--	29	ND	ND	ND	--	--	--	
	12/24/1994	7.62	7.27	0	0.35	0.66	32000	--	1500	890	1300	5000	--	--	--	
	3/25/1995	7.62	7.01	0	0.61	0.26	170000	--	1900	21000	4800	33000	--	--	--	
	6/21/1995	7.62	6.98	0	0.64	0.03	16000	--	2100	ND	1800	1700	--	--	--	
	9/19/1995	7.62	7.70	0	-0.08	-0.72	3000	--	610	ND	78	240	--	--	--	
	12/19/1995	7.62	7.30	0	0.32	0.40	1600	--	140	55	52	270	--	--	--	
	3/18/1996	7.62	6.45	0	1.17	0.85	12000	--	2200	ND	1200	2200	22000	--	--	
	6/27/1996	7.62	7.41	0	0.21	-0.96	28000	--	3400	ND	2800	3100	3000	--	--	
	9/26/1996	7.62	7.90	0	-0.28	-0.49	5900	--	750	ND	ND	ND	18000	--	--	
	12/9/1996	7.62	6.76	0	0.86	1.14	13000	--	5100	290	980	370	2700	--	--	
	3/14/1997	7.62	7.12	0.03	0.52	-0.34	--	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
	6/30/1997	7.62	6.19	0	1.43	0.91	--	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
	9/19/1997	7.62	7.31	0	0.31	-1.12	--	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
	12/12/1997	7.62	6.75	0	0.87	0.56	--	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
	3/3/1998	7.62	6.36	0	1.26	0.39	80000	--	3000	1100	820	16000	16000	--	--	Sheen

Table 1

Groundwater Elevations and Analytical Results (TPH-G, BTEX & MtBE)

3200 Lakeshore Avenue, Oakland, CA

	6/15/1998	7.62	6.51	0	1.11	-0.15	48000	--	1800	330	470	7900	20000	--	--	Sheen
	9/30/1998	7.62	7.17	0	0.45	-0.66	60000	--	1300	ND	500	9700	19000	--	--	Sheen
	12/28/1998	7.62	7.06	0	0.56	0.11	63000	--	590	160	320	5600	16000	--	--	
	3/22/1999	7.62	6.82	0	0.80	0.24	28000	--	1100	ND	360	2900	25000	--	--	
	6/9/1999	7.62	7.51	0	0.11	-0.69	21000	--	110	190	310	2600	7900	7800	--	
	9/8/1999	7.62	8.16	0	-0.54	-0.65	23300	--	477	138	286	4110	16400	15300	--	
	12/7/1999	7.62	8.31	0	-0.69	-0.15	4840	--	17.2	ND	ND	157	14900	15600	--	
	3/13/2000	7.62	6.69	0	0.93	1.62	11000	--	380	160	ND	2100	22000	26000	--	
	6/21/2000	7.62	7.67	0	-0.05	-0.98	9100	--	22	ND	ND	800	16000	22000	--	
	9/27/2000	7.62	7.44	0	0.18	0.23	2900	--	43	ND	ND	39	20000	26000	--	
	12/12/2000	7.62	7.51	0	0.11	-0.07	3600	--	17	ND	ND	87	8000	7800	--	
	3/7/2001	7.62	7.15	0	0.47	0.36	1670	--	51.0	ND	7.20	19.5	5930	7900	--	
	6/6/2001	7.62	7.57	0	0.05	-0.42	1100	--	14	ND	9.3	35	9200	10000	--	
	9/24/2001	7.62	7.63	0	-0.01	-0.06	1000	--	25	<2.5	12	100	9800	11000	--	
	12/10/2001	7.62	6.78	0	0.84	0.85	83	--	14	0.55	3.4	6.8	2500	2500	--	
	3/11/2002	7.62	7.12	0	0.50	-0.34	<1000	--	28	<10	40	31	11000	11000	--	
	6/4/2002	7.62	7.18	0	0.44	-0.06	7700	--	32	<25	33	48	14000	--	--	
	9/3/2002	7.62	7.58	0	0.04	-0.40	5200	--	<25	<25	<25	<25	11000	15000	--	
	12/3/2002	7.62	7.68	0	-0.06	-0.10	--	<5000	<50	<50	<50	<100	--	3200	--	
	3/4/2003	7.62	7.77	0	-0.15	-0.09	--	8100	<50	<50	<50	<100	--	7800	--	
	6/18/2003	7.62	6.87	0	0.75	0.90	--	11000	<50	<50	<50	<100	--	16000	--	
	9/24/2003	7.62	7.49	0	0.13	-0.62	--	<10000	<100	<100	<100	<200	--	10000	--	
	12/2/2003	7.62	7.95	0	-0.33	-0.46	--	<10000	<100	<100	<100	<200	--	10000	--	
	3/30/2004	7.62	7.07	0	0.55	0.88	--	12000	<100	<100	<100	<200	--	11000	--	
	6/7/2004	7.62	7.75	0	-0.13	-0.68	--	14000	<100	<100	<100	<200	--	13000	--	
	9/9/2004	7.62	8.65	0	-1.03	-0.90	--	<10000	<100	<100	<100	<200	--	9500	--	
	12/20/2004	7.62	7.73	0	-0.11	0.92	--	<5000	<50	<50	<50	<100	--	11000	--	
	3/28/2005	7.62	6.24	0	1.38	1.49	--	12000	<50	<50	160	120	--	7000	--	
	6/14/2005	7.62	7.05	0	0.57	-0.81	--	2000	0.75	<0.50	3.7	1.1	--	2400	--	
	9/28/2005	7.62	8.00	0	-0.38	-0.95	--	320	<0.50	<0.50	<0.50	<1.0	--	80	--	
	12/29/2005	7.62	7.23	0	0.39	0.77	--	<50	<0.50	<0.50	<0.50	<1.0	--	35	--	
	3/27/2006	7.62	5.31	0	2.31	1.92	--	2400	31	0.73	120	15	--	1400	--	
	6/12/2006	7.62	6.25	0	1.37	-0.94	--	<1200	<12	<12	17	<25	--	490	--	
	9/21/2006	7.62	6.00	0	1.62	0.25	--	440	6.1	<0.50	1.7	<0.50	--	1100	--	
	12/21/2006	7.62	6.08	0	1.54	-0.08	--	670	10	<0.50	52	1.2	--	730	--	
	3/28/2007	7.62	5.05	0	2.57	1.03	--	3300	36	<5.0	200	6.8	--	1200	--	
	6/27/2007	7.62	4.80	0	2.82	0.25	--	5100	94	<5.0	640	7.1	--	1100	--	
	9/26/2007	7.62	4.73	0	2.89	0.07	--	3900	54	<5.0	240	240	--	670	--	
	12/27/2007	7.62	5.80	0	1.82	-1.07	--	2200	21	<5.0	77	16	--	470	--	
	3/26/2008	7.62	5.62	0	2.00	0.18	--	4300	45	<2.5	210	77	--	580	--	
	6/18/2008	7.62	5.30	0	2.32	0.32	--	5400	31	<5.0	270	38	--	250	--	
	9/24/2008	7.62	5.10	0	2.52	0.20	--	4400	24	<0.50	190	24	--	300	--	
	12/22/2008	7.62	4.98	0	2.64	0.12	--	6200	24	<0.50	160	31	--	160	--	

Table 1

Groundwater Elevations and Analytical Results (TPH-G, BTEX & MtBE)

3200 Lakeshore Avenue, Oakland, CA

	3/26/2009	7.62	5.17	0	2.45	-0.19	--	5200	8.9	<2.5	47	22	--	150	--	
	6/23/2009	7.62	4.90	0	2.72	0.27	--	2900	11	<2.5	140	7.2	--	150		
	12/4/2009	**7.62**	**5.13**	**0**	**2.49**	**-0.23**	--	**7410**	**3.5**	<0.50	**105**	**8.5**	--	**83.4**		
U-3																
	8/10/1990	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--	
	1/7/1991	--	--	--	--	--	ND	--	ND	ND	ND	1.8	--	--	--	
	4/1/1991	--	--	--	--	--	ND	--	1.0	2.9	0.53	5.4	--	--	--	
	7/3/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--	
	10/9/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--	
	2/12/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--	
	5/5/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--	
	6/11/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--	
	8/20/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--	
	2/22/1993	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--	
	5/7/1993	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--	
	8/8/1993	--	--	--	--	--	210	--	5.0	9.7	0.7	4.1	--	--	--	
	11/16/1993	7.86	11.82	0	-3.96	--	ND	--	ND	ND	ND	ND	--	--	--	
	2/16/1994	7.86	11.62	0	-3.76	0.20	ND	--	ND	ND	ND	ND	--	--	--	
	6/22/1994	10.98	11.64	0	-0.66	3.10	ND	--	ND	ND	ND	ND	--	--	--	
	9/22/1994	10.98	11.76	0	-0.78	-0.12	ND	--	ND	ND	ND	ND	--	--	--	
	12/24/1994	10.98	11.28	0	-0.30	0.48	ND	--	ND	ND	ND	ND	--	--	--	
	3/25/1995	10.98	10.96	0	0.02	0.32	ND	--	ND	ND	ND	ND	--	--	--	
	6/21/1995	10.98	11.37	0	-0.39	-0.41	ND	--	ND	ND	ND	ND	--	--	--	
	9/19/1995	10.98	11.55	0	-0.57	-0.18	ND	--	ND	ND	ND	ND	--	--	--	
	12/19/1995	10.98	11.45	0	-0.47	0.10	ND	--	ND	ND	ND	ND	--	--	--	
	3/18/1996	10.98	11.10	0	-0.12	0.35	ND	--	ND	ND	ND	ND	--	--	--	
	6/27/1996	10.98	11.16	0	-0.18	-0.06	440	--	49	50	51	140	50	--	--	
	9/26/1996	10.98	11.55	0	-0.57	-0.39	ND	--	ND	ND	ND	ND	ND	--	--	
	12/9/1996	10.98	10.12	0	0.86	1.43	ND	--	ND	ND	ND	ND	29	--	--	
	3/14/1997	10.98	10.87	0	0.11	-0.75	ND	--	ND	ND	ND	ND	ND	--	--	
	6/30/1997	10.98	11.08	0	-0.10	-0.21	ND	--	ND	ND	ND	ND	ND	--	--	
	9/19/1997	10.98	11.05	0	-0.07	0.03	ND	--	ND	ND	ND	ND	ND	--	--	
	12/12/1997	10.98	10.58	0	0.40	0.47	ND	--	ND	ND	ND	ND	ND	--	--	
	3/3/1998	10.98	9.84	0	1.14	0.74	ND	--	ND	ND	ND	ND	ND	--	--	
	6/15/1998	10.98	10.56	0	0.42	-0.72	ND	--	ND	ND	ND	ND	ND	--	--	
	9/30/1998	10.98	11.12	0	-0.14	-0.56	ND	--	ND	ND	ND	ND	ND	--	--	
	12/28/1998	10.98	10.96	0	0.02	0.16	ND	--	ND	ND	ND	ND	ND	--	--	
	3/22/1999	10.98	9.46	0	1.52	1.50	ND	--	ND	ND	ND	ND	ND	--	--	
	6/9/1999	10.98	11.01	0	-0.03	-1.55	ND	--	ND	ND	ND	ND	ND	--	--	
	9/8/1999	10.98	11.31	0	-0.33	-0.30	ND	--	ND	ND	ND	ND	ND	--	--	
	12/7/1999	10.98	11.26	0	-0.28	0.05	ND	--	ND	ND	ND	ND	ND	--	--	
	3/13/2000	10.98	8.28	0	2.70	2.98	ND	--	ND	ND	ND	ND	ND	--	--	

Table 1

Groundwater Elevations and Analytical Results (TPH-G, BTEX & MtBE)

3200 Lakeshore Avenue, Oakland, CA

	6/21/2000	10.98	11.12	0	-0.14	-2.84	ND	--	ND	ND	ND	ND	ND	--	--	
	9/27/2000	10.98	11.07	0	-0.09	0.05	ND	--	ND	ND	ND	ND	ND	--	--	
	12/12/2000	10.98	10.94	0	0.04	0.13	ND	--	ND	ND	ND	ND	ND	--	--	
	3/7/2001	10.98	8.32	0	2.66	2.62	ND	--	ND	ND	ND	ND	ND	--	--	
	6/6/2001	10.98	10.94	0	0.04	-2.62	ND	--	ND	ND	ND	ND	ND	--	--	
	9/24/2001	10.98	11.03	0	-0.05	-0.09	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	
	12/10/2001	10.98	8.16	0	2.82	2.87	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	
	3/11/2002	10.98	7.82	0	3.16	0.34	<50	--	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	
	6/4/2002	10.98	10.58	0	0.40	-2.76	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	
	9/3/2002	10.98	10.94	0	0.04	-0.36	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	
	12/3/2002	10.98	10.66	0	0.32	0.28	--	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	
	3/4/2003	10.98	10.76	0	0.22	-0.10	--	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	
	6/18/2003	10.98	10.26	0	0.72	0.50	--	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	
	9/24/2003	10.98	10.88	0	0.10	-0.62	--	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	
	12/2/2003	10.98	11.00	0	-0.02	-0.12	--	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	
	3/30/2004	10.98	10.64	0	0.34	0.36	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	6/7/2004	10.98	11.00	0	-0.02	-0.36	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	9/9/2004	10.98	11.31	0	-0.33	-0.31	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	12/20/2004	10.98	10.79	0	0.19	0.52	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	3/28/2005	10.98	9.80	0	1.18	0.99	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	6/14/2005	10.98	10.75	0	0.23	-0.95	--	<50	<0.50	<0.50	<0.50	1.2	--	<0.50	--	
	9/28/2005	10.98	11.16	0	-0.18	-0.41	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	12/29/2005	10.98	10.41	0	0.57	0.75	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	3/27/2006	10.98	10.16	0	0.82	0.25	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	6/12/2006	10.98	9.94	0	1.04	0.22	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	9/21/2006	10.98	11.01	0	-0.03	-1.07	--	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--	
	12/21/2006	10.98	10.92	0	0.06	0.09	--	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--	
	3/28/2007	10.98	10.84	0	0.14	0.08	--	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--	
	6/27/2007	10.98	10.93	0	0.05	-0.09	--	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--	
	9/26/2007	10.98	11.01	0	-0.03	-0.08	--	770	<0.50	<0.50	<0.50	<0.50	--	18	--	
	12/27/2007	10.98	10.93	0	0.05	0.08	--	<50	<0.50	<0.50	<0.50	<1.0	--	0.63	--	
	3/26/2008	10.98	10.84	0	0.14	0.09	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	6/18/2008	10.98	10.89	0	0.09	-0.05	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	9/24/2008	10.98	10.90	0	0.08	-0.01	--	<50	<0.50	<0.50	<0.50	<1.0	--	0.87	--	
	12/22/2008	10.98	10.93	0	0.05	-0.03	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	3/26/2009	10.98	10.70	0	0.28	0.23	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	6/23/2009	10.98	10.40	0	0.58	0.30	--	<50	<0.50	<0.50	<0.50	<1.0	--	0.65		
	12/4/2009	**10.98**	**11.10**	**0**	**-0.12**	**-0.70**	--	<50	<0.50	<0.50	<0.50	<1.5	--	**1.2**		
U-4																
	6/22/1994	11.15	10.16	0	0.99	--	ND	--	ND	ND	ND	ND	--	--	--	
	9/22/1994	11.15	10.79	0	0.36	-0.63	ND	--	0.78	1.3	ND	1.4	--	--	--	
	12/24/1994	11.15	9.81	0	1.34	0.98	ND	--	ND	ND	ND	ND	--	--	--	

Table 1

Groundwater Elevations and Analytical Results (TPH-G, BTEX & MtBE)

3200 Lakeshore Avenue, Oakland, CA

	3/25/1995	11.15	9.51	0	1.64	0.30	ND	--	ND	ND	ND	ND	--	--	--	
	6/21/1995	11.15	9.54	0	1.61	-0.03	ND	--	ND	ND	ND	ND	--	--	--	
	9/19/1995	11.15	10.17	0	0.98	-0.63	ND	--	ND	ND	ND	ND	--	--	--	
	12/19/1995	11.15	9.98	0	1.17	0.19	ND	--	ND	ND	ND	ND	--	--	--	
	3/18/1996	11.15	9.66	0	1.49	0.32	ND	--	ND	ND	ND	ND	--	--	--	
	6/27/1996	11.15	9.74	0	1.41	-0.08	ND	--	ND	ND	ND	ND	ND	--	--	
	9/26/1996	11.15	10.14	0	1.01	-0.40	ND	--	ND	ND	ND	ND	ND	--	--	
	12/9/1996	11.15	8.67	0	2.48	1.47	ND	--	ND	ND	ND	ND	33	--	--	
	3/14/1997	11.15	9.35	0	1.80	-0.68	ND	--	ND	ND	ND	ND	ND	--	--	
	6/30/1997	11.15	9.89	0	1.26	-0.54	ND	--	ND	ND	ND	ND	ND	--	--	
	9/19/1997	11.15	9.96	0	1.19	-0.07	ND	--	ND	ND	ND	ND	ND	--	--	
	12/12/1997	11.15	8.56	0	2.59	1.40	ND	--	ND	ND	ND	ND	ND	--	--	
	3/3/1998	11.15	7.85	0	3.30	0.71	ND	--	ND	ND	ND	ND	ND	--	--	
	6/15/1998	11.15	9.08	0	2.07	-1.23	ND	--	ND	ND	ND	ND	ND	--	--	
	9/30/1998	11.15	9.75	0	1.40	-0.67	ND	--	ND	ND	ND	ND	ND	--	--	
	12/28/1998	11.15	9.59	0	1.56	0.16	ND	--	ND	ND	ND	ND	ND	--	--	
	3/22/1999	11.15	8.34	0	2.81	1.25	ND	--	ND	ND	ND	ND	ND	--	--	
	6/9/1999	11.15	9.39	0	1.76	-1.05	ND	--	ND	ND	ND	ND	ND	--	--	
	9/8/1999	11.15	9.90	0	1.25	-0.51	ND	--	ND	ND	ND	ND	ND	--	--	
	12/7/1999	11.15	10.05	0	1.10	-0.15	ND	--	ND	ND	ND	ND	ND	--	--	
	3/13/2000	11.15	7.24	0	3.91	2.81	ND	--	ND	ND	ND	ND	ND	--	--	
	6/21/2000	11.15	9.48	0	1.67	-2.24	ND	--	ND	ND	ND	ND	ND	--	--	
	9/27/2000	11.15	9.42	0	1.73	0.06	ND	--	ND	ND	ND	ND	ND	--	--	
	12/12/2000	11.15	9.50	0	1.65	-0.08	ND	--	ND	ND	ND	ND	ND	--	--	
	3/7/2001	11.15	6.88	0	4.27	2.62	ND	--	ND	ND	ND	ND	ND	--	--	
	6/6/2001	11.15	9.18	0	1.97	-2.30	ND	--	ND	ND	ND	ND	ND	--	--	
	9/24/2001	11.15	9.21	0	1.94	-0.03	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	
	12/10/2001	11.15	7.32	0	3.83	1.89	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	
	3/11/2002	11.15	6.92	0	4.23	0.40	<50	--	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	
	6/4/2002	11.15	7.58	0	3.57	-0.66	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	
	9/3/2002	11.15	9.17	0	1.98	-1.59	<50	--	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	
	12/3/2002	11.15	9.20	0	1.95	-0.03	--	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	
	3/4/2003	11.15	9.32	0	1.83	-0.12	--	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	
	6/18/2003	11.15	7.65	0	3.50	1.67	--	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	
	9/24/2003	11.15	8.26	0	2.89	-0.61	--	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	
	12/2/2003	11.15	9.16	0	1.99	-0.90	--	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	
	3/30/2004	11.15	7.47	0	3.68	1.69	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	6/7/2004	11.15	8.93	0	2.22	-1.46	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	9/9/2004	11.15	9.83	0	1.32	-0.90	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	12/20/2004	11.15	8.28	0	2.87	1.55	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	3/28/2005	11.15	6.35	0	4.80	1.93	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	6/14/2005	11.15	8.10	0	3.05	-1.75	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	9/28/2005	11.15	9.59	0	1.56	-1.49	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	

Table 1

Groundwater Elevations and Analytical Results (TPH-G, BTEX & MtBE)

3200 Lakeshore Avenue, Oakland, CA

	12/29/2005	11.15	7.13	0	4.02	2.46	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	3/27/2006	11.15	6.27	0	4.88	0.86	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	6/12/2006	11.15	8.45	0	2.70	-2.18	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	9/21/2006	11.15	9.63	0	1.52	-1.18	--	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--	
	12/21/2006	11.15	8.50	0	2.65	1.13	--	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--	
	3/28/2007	11.15	8.00	0	3.15	0.50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--	
	6/27/2007	11.15	8.78	0	2.37	-0.78	--	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--	
	9/26/2007	11.15	9.08	0	2.07	-0.30	--	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--	
	12/27/2007	11.15	8.63	0	2.52	0.45	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	3/26/2008	11.15	7.86	0	3.29	0.77	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	6/18/2008	11.15	8.83	0	2.32	-0.97	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	9/24/2008	11.15	9.50	0	1.65	-0.67	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	12/22/2008	11.15	8.55	0	2.60	0.95	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	3/26/2009	11.15	7.21	0	3.94	1.34	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	6/23/2009	11.15	8.40	0	2.75	-1.19	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50		
	12/4/2009	**11.15**	**9.10**	**0**	**2.05**	**-0.70**	--	<50	<0.50	<0.50	<0.50	<1.5	--	<0.50		
U-5																
	6/22/1994	6.98	6.83	0	0.15	--	210	--	7.1	13	4.5	26	--	--	--	
	9/22/1994	6.98	6.90	0	0.08	-0.07	170	--	8.4	10	8.5	18	--	--	--	
	12/24/1994	6.98	6.43	0	0.55	0.47	8700	--	560	70	670	430	--	--	--	
	3/25/1995	6.98	6.35	0	0.63	0.08	44000	--	390	960	1500	7600	--	--	--	
	6/21/1995	6.98	7.11	0	-0.13	-0.76	400	--	2.3	ND	9.1	3.5	--	--	--	
	9/19/1995	6.98	6.99	0	-0.01	0.12	850	--	14	7.1	13	66	--	--	--	
	12/19/1995	6.98	7.17	0	-0.19	-0.18	ND	--	ND	ND	ND	ND	--	--	--	
	3/18/1996	6.98	6.65	0	0.33	0.52	100	--	0.67	0.5	0.51	5.4	--	--	--	
	6/27/1996	6.98	6.49	0	0.49	0.16	16000	--	280	150	1400	4600	530	--	--	
	9/26/1996	6.98	7.13	0	-0.15	-0.64	ND	--	ND	0.57	ND	0.96	ND	--	--	
	12/9/1996	6.98	5.90	0	1.08	1.23	1300	--	29	46	ND	140	97	--	--	
	3/14/1997	6.98	6.99	0	-0.01	-1.09	ND	--	ND	ND	ND	ND	14	--	--	
	6/30/1997	6.98	7.08	0	-0.10	-0.09	4200	--	74	51	180	980	270	--	--	
	9/19/1997	6.98	6.78	0	0.20	0.30	6300	--	160	13	370	1000	480	--	--	
	12/12/1997	6.98	6.94	0	0.04	-0.16	60	--	1.3	ND	1.6	2.1	47	--	--	
	3/3/1998	6.98	6.50	0	0.48	0.44	1700	--	29	ND	150	190	330	--	--	
	6/15/1998	6.98	6.85	0	0.13	-0.35	1500	--	32	ND	91	83	330	--	--	
	9/30/1998	6.98	7.31	0	-0.33	-0.46	1700	--	44	ND	39	150	60	--	--	
	12/28/1998	6.98	7.25	0	-0.27	0.06	1400	--	59	ND	13	27	150	--	--	
	3/22/1999	6.98	6.86	0	0.12	0.39	780	--	8.9	ND	0.76	4.5	350	--	--	
	6/9/1999	6.98	7.28	0	-0.30	-0.42	1000	--	ND	ND	10	35	280	350	--	
	9/8/1999	6.98	7.52	0	-0.54	-0.24	2620	--	26.2	ND	32.2	157	280	239	--	
	12/7/1999	6.98	7.67	0	-0.69	-0.15	949	--	9.26	ND	11.2	22.7	235	301	--	
	3/13/2000	6.98	6.73	0	0.25	0.94	880	--	12	1.0	5.6	8.7	46	37	--	
	6/21/2000	6.98	7.39	0	-0.41	-0.66	700	--	4.0	ND	0.99	4.0	120	140	--	

Table 1

Groundwater Elevations and Analytical Results (TPH-G, BTEX & MtBE)

3200 Lakeshore Avenue, Oakland, CA

	9/27/2000	6.98	7.45	0	-0.47	-0.06	400	--	1.9	ND	ND	1.5	160	250	--	
	12/12/2000	6.98	7.68	0	-0.70	-0.23	770	--	3.2	ND	ND	ND	27	13	--	
	3/7/2001	6.98	6.83	0	0.15	0.85	623	--	5.15	ND	ND	0.669	35.7	43.4	--	
	6/6/2001	6.98	7.42	0	-0.44	-0.59	110	--	ND	ND	ND	ND	ND	--	--	
	9/24/2001	6.98	7.50	0	-0.52	-0.08	270	--	<0.50	<0.50	<0.50	<0.50	40	42	--	
	12/10/2001	6.98	6.65	0	0.33	0.85	420	--	13	0.60	0.66	<0.50	<2.5	--	--	
	3/11/2002	6.98	7.00	0	-0.02	-0.35	260	--	<0.50	<0.50	<0.50	<0.50	42	47	--	
	6/4/2002	6.98	6.71	0	0.27	0.29	170	--	<0.50	0.77	0.87	0.69	29	--	--	
	9/3/2002	6.98	7.47	0	-0.49	-0.76	<50	--	<0.50	<0.50	<0.50	<0.50	37	53	--	
	12/3/2002	6.98	6.64	0	0.34	0.83	--	320	<0.50	<0.50	5.7	<1.0	--	11	--	
	3/4/2003	6.98	6.75	0	0.23	-0.11	--	100	<0.50	<0.50	<0.50	<1.0	--	44	--	
	6/18/2003	6.98	6.25	0	0.73	0.50	--	51	<0.50	<0.50	<0.50	<1.0	--	36	--	
	9/24/2003	6.98	6.86	0	0.12	-0.61	--	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	
	12/2/2003	6.98	7.12	0	-0.14	-0.26	--	<50	<0.50	<0.50	<0.50	<1.0	--	24	--	
	3/30/2004	6.98	6.88	0	0.10	0.24	--	100	<0.50	<0.50	<0.50	<1.0	--	130	--	
	6/7/2004	6.98	8.53	0	-1.55	-1.65	--	250	<0.50	<0.50	<0.50	<1.0	--	160	--	
	9/9/2004	6.98	12.28	0	-5.30	-3.75	--	340	<0.50	<0.50	<0.50	<1.0	--	260	--	
	12/20/2004	6.98	7.51	0	-0.53	4.77	--	130	<0.50	<0.50	1.9	2.0	--	120	--	
	3/28/2005	6.98	7.22	0	-0.24	0.29	--	670	<2.0	<2.0	<2.0	<4.0	--	230	--	
	6/14/2005	6.98	7.46	0	-0.48	-0.24	--	160	<0.50	<0.50	<0.50	<1.0	--	400	--	
	9/28/2005	6.98	9.59	0	-2.61	-2.13	--	460	<0.50	<0.50	<0.50	<1.0	--	370	--	
	12/29/2005	6.98	7.53	0	-0.55	2.06	--	150	<0.50	<0.50	<0.50	<1.0	--	190	--	
	3/27/2006	6.98	6.29	0	0.69	1.24	--	450	<0.50	<0.50	8.3	<1.0	--	70	--	
	6/12/2006	6.98	6.45	0	0.53	-0.16	--	370	<0.50	<0.50	<0.50	<1.0	--	61	--	
	9/21/2006	6.98	6.60	0	0.38	-0.15	--	130	<0.50	<0.50	<0.50	<0.50	--	35	--	
	12/21/2006	6.98	6.92	0	0.06	-0.32	--	230	<0.50	<0.50	0.58	<0.50	--	11	--	
	3/28/2007	6.98	5.12	0	1.86	1.80	--	400	<0.50	<0.50	5.4	<0.50	--	13	--	
	6/27/2007	6.98	4.41	0	2.57	0.71	--	210	<0.50	<0.50	2.4	<0.50	--	18	--	
	9/26/2007	6.98	4.71	0	2.27	-0.30	--	740	<0.50	<0.50	<0.50	<0.50	--	18	--	
	12/27/2007	6.98	6.77	0	0.21	-2.06	--	180	<0.50	<0.50	<0.50	<1.0	--	18	--	
	3/26/2008	6.98	6.41	0	0.57	0.36	--	310	<0.50	0.64	1.3	1.0	--	27	--	
	6/18/2008	6.98	5.71	0	1.27	0.70	--	790	<0.50	<0.50	2.4	<1.0	--	22	--	
	9/24/2008	6.98	5.45	0	1.53	0.26	--	860	1.2	<0.50	3.2	3.7	--	16	--	
	12/22/2008	6.98	6.83	0	0.15	-1.38	--	620	<0.50	<0.50	0.54	1.3	--	13	--	
	3/26/2009	6.98	6.20	0	0.78	0.63	--	310	<0.50	<0.50	<0.50	<1.0	--	9.4	--	
	6/23/2009	6.98	5.50	0	1.48	0.70	--	80	<0.50	<0.50	<0.50	<1.0	--	7.1		
	12/4/2009	**6.98**	**6.02**	**0**	**0.96**	**-0.52**	--	**160**	<0.50	<0.50	<0.50	<1.5	--	**4.6**		
U-6																
	6/22/1994	7.14	7.14	0	0.00	--	ND	--	ND	ND	ND	ND	--	--	--	
	9/22/1994	7.14	7.34	0	-0.20	-0.20	130	--	1.3	0.8	ND	0.73	--	--	--	
	12/24/1994	7.14	6.67	0	0.47	0.67	6900	--	500	59	600	380	--	--	--	
	3/25/1995	7.14	6.29	0	0.85	0.38	47000	--	450	1300	1700	8200	--	--	--	

Table 1

Groundwater Elevations and Analytical Results (TPH-G, BTEX & MtBE)

3200 Lakeshore Avenue, Oakland, CA

	6/21/1995	7.14	7.60	0	-0.46	-1.31	ND	--	ND	ND	ND	ND	--	--	--	
	9/19/1995	7.14	7.70	0	-0.56	-0.10	ND	--	ND	ND	ND	ND	--	--	--	
	12/19/1995	7.14	7.75	0	-0.61	-0.05	210	--	2.5	1.0	2.9	17	--	--	--	
	3/18/1996	7.14	6.86	0	0.28	0.89	ND	--	ND	ND	ND	ND	--	--	--	
	6/27/1996	7.14	6.52	0	0.62	0.34	ND	--	ND	ND	ND	ND	510	--	--	
	9/26/1996	7.14	7.62	0	-0.48	-1.10	ND	--	ND	ND	ND	ND	1400	--	--	
	12/9/1996	7.14	5.88	0	1.26	1.74	1200	--	29	48	6.4	140	58	--	--	
	3/14/1997	7.14	7.30	0	-0.16	-1.42	ND	--	ND	ND	ND	ND	1500	--	--	
	6/30/1997	7.14	7.35	0	-0.21	-0.05	ND	--	ND	ND	ND	ND	990	--	--	
	9/19/1997	7.14	7.25	0	-0.11	0.10	ND	--	ND	ND	ND	ND	1400	--	--	
	12/12/1997	7.14	7.29	0	-0.15	-0.04	ND	--	ND	ND	ND	ND	680	--	--	
	3/3/1998	7.14	7.00	0	0.14	0.29	ND	--	ND	ND	ND	ND	1600	--	--	
	6/15/1998	7.14	7.18	0	-0.04	-0.18	ND	--	ND	ND	ND	ND	1000	--	--	
	9/30/1998	7.14	7.90	0	-0.76	-0.72	ND	--	ND	ND	ND	ND	1200	--	--	
	12/28/1998	7.14	7.79	0	-0.65	0.11	ND	--	ND	ND	ND	ND	730	--	--	
	3/22/1999	7.14	7.47	0	-0.33	0.32	ND	--	ND	ND	ND	ND	1800	--	--	
	6/9/1999	7.14	7.73	0	-0.59	-0.26	ND	--	ND	ND	ND	ND	1000	850	--	
	9/8/1999	7.14	7.95	0	-0.81	-0.22	ND	--	ND	ND	ND	ND	851	1040	--	
	12/7/1999	7.14	8.10	0	-0.96	-0.15	ND	--	ND	ND	ND	ND	1140	1150	--	
	3/13/2000	7.14	6.95	0	0.19	1.15	ND	--	ND	ND	ND	ND	560	670	--	
	6/21/2000	7.14	7.84	0	-0.70	-0.89	ND	--	ND	ND	ND	ND	400	590	--	
	9/27/2000	7.14	7.68	0	-0.54	0.16	ND	--	ND	ND	ND	ND	2500	2800	--	
	12/12/2000	7.14	7.74	0	-0.60	-0.06	ND	--	ND	ND	ND	ND	590	580	--	
	3/7/2001	7.14	7.27	0	-0.13	0.47	ND	--	ND	ND	ND	ND	310	321	--	
	6/6/2001	7.14	7.80	0	-0.66	-0.53	ND	--	ND	ND	ND	ND	250	330	--	
	9/24/2001	7.14	7.82	0	-0.68	-0.02	<50	--	<0.50	<0.50	<0.50	<0.50	530	660	--	
	12/10/2001	7.14	7.15	0	-0.01	0.67	<50	--	<0.50	<0.50	<0.50	<0.50	220	220	--	
	3/11/2002	7.14	7.32	0	-0.18	-0.17	<50	--	<0.50	<0.50	<0.50	<0.50	720	760	--	
	6/4/2002	7.14	7.18	0	-0.04	0.14	250	--	<1.0	<1.0	<1.0	<1.0	470	--	--	
	9/3/2002	7.14	7.72	0	-0.58	-0.54	420	--	<2.5	<2.5	<2.5	4.7	860	1200	--	
	12/3/2002	7.14	6.92	0	0.22	0.80	--	<500	<5.0	<5.0	<5.0	<10	--	870	--	
	3/4/2003	7.14	7.01	0	0.13	-0.09	--	2300	<10	<10	<10	<20	--	2700	--	
	6/18/2003	7.14	6.60	0	0.54	0.41	--	1300	<10	<10	<10	<20	--	1700	--	
	9/24/2003	7.14	7.24	0	-0.10	-0.64	--	<10000	<100	<100	<100	<200	--	1500	--	
	12/2/2003	7.14	7.80	0	-0.66	-0.56	--	1300	<10	<10	<10	<20	--	1800	--	
	3/30/2004	7.14	7.32	0	-0.18	0.48	--	1200	<10	<10	<10	<20	--	1700	--	
	6/7/2004	7.14	9.35	0	-2.21	-2.03	--	1700	<10	<10	<10	<20	--	1800	--	
	9/9/2004	7.14	12.81	0	-5.67	-3.46	--	<1000	<10	<10	<10	<20	--	1400	--	
	12/20/2004	7.14	7.96	0	-0.82	4.85	--	320	<2.5	<2.5	<2.5	<5.0	--	65	--	
	3/28/2005	7.14	7.07	0	0.07	0.89	--	<50	<0.50	<0.50	<0.50	<1.0	--	150	--	
	6/14/2005	7.14	7.88	0	-0.74	-0.81	--	<100	<1.0	<1.0	<1.0	<2.0	--	20	--	
	9/28/2005	7.14	10.44	0	-3.30	-2.56	--	150	<0.50	<0.50	<0.50	<1.0	--	4.6	--	
	12/29/2005	7.14	7.63	0	-0.49	2.81	--	<50	<0.50	<0.50	<0.50	<1.0	--	13	--	

Table 1

Groundwater Elevations and Analytical Results (TPH-G, BTEX & MtBE)

3200 Lakeshore Avenue, Oakland, CA

	3/27/2006	7.14	6.16	0	0.98	1.47	--	<50	<0.50	<0.50	<0.50	<1.0	--	8.1	--	
	6/12/2006	7.14	6.59	0	0.55	-0.43	--	<50	<0.50	<0.50	<0.50	<1.0	--	6.9	--	
	9/21/2006	7.14	6.90	0	0.24	-0.31	--	<50	<0.50	<0.50	<0.50	<0.50	--	3.1	--	
	12/21/2006	7.14	7.36	0	-0.22	-0.46	--	<50	<0.50	<0.50	<0.50	<0.50	--	1.2	--	
	3/28/2007	7.14	3.48	0	3.66	3.88	--	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--	
	6/27/2007	7.14	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible - dumpster over well
	9/26/2007	7.14	2.71	0	4.43	--	--	54	<0.50	<0.50	<0.50	<0.50	--	<0.50	--	
	12/27/2007	7.14	6.96	0	0.18	-4.25	--	<50	<0.50	<0.50	<0.50	<1.0	--	2.4	--	
	3/26/2008	7.14	6.56	0	0.58	0.40	--	<50	<0.50	<0.50	<0.50	<1.0	--	2.3	--	
	6/18/2008	7.14	6.71	0	0.43	-0.15	--	<50	<0.50	<0.50	<0.50	<1.0	--	0.59	--	
	9/24/2008	7.14	5.50	0	1.64	1.21	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	12/22/2008	7.14	6.48	0	0.66	-0.98	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	
	3/26/2009	7.14	6.10	0	1.04	0.38	--	<250	<2.5	<2.5	<2.5	<5.0	--	<2.5	--	
	6/23/2009	7.14	4.80	0	2.34	1.30	--	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50		
	12/4/2009	**7.14**	**5.31**	**0**	**1.83**	**-0.51**	--	<50	<0.50	<0.50	<0.50	<1.5	--	<0.50		

Table 2

Groundwater Analytical Data (Gasoline Oxygenates)

3200 Lakeshore Avenue, Oakland, CA

76 Station 5325

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	1,2-Dibro-moethane (EDB) (µg/l)	1,2-Dichloro-ethane (1,2-DCA) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Acenaph-thylene (µg/l)	Iron Ferrous (µg/l)	Nitrate (mg/l)	Phosphate (ortho) (mg/l)	Phosphate (total) ()	Comments
U-1													
6/15/1998	--	--	--	--	--	--	--	--	39000	ND	--	ND	
9/30/1998	--	--	--	--	--	--	--	--	17000	ND	--	ND	
12/28/1998	--	--	--	--	--	--	--	--	4300	6.30	--	28	
3/22/1999	--	--	--	--	--	--	--	--	4900	ND	--	3.5	
6/9/1999	--	--	--	--	--	--	--	--	1200	ND	--	ND	
9/8/1999	--	--	--	--	--	--	--	--	1800	ND	--	ND	
12/7/1999	--	--	--	--	--	--	--	--	5700	ND	--	17.0	
3/13/2000	--	--	--	--	--	--	--	--	8000	0.18	--	ND	
6/21/2000	--	--	--	--	--	--	--	--	9300	ND	--	ND	
9/27/2000	ND	--	ND	--	ND	ND	ND	--	2800	ND	--	18.4	
12/12/2000	--	--	--	--	--	--	--	--	490	ND	--	16.0	
3/7/2001	ND	--	ND	--	ND	ND	ND	--	483	2.64	--	6.89	
6/6/2001	ND	--	ND	--	ND	ND	ND	--	1000	ND	--	2.7	
9/24/2001	<20000	<400000	<1000	<1000	<1000	<1000	<1000	--	<100	0.45	--	--	
12/10/2001	<4000	<8000	<100	<100	<100	<100	<100	--	14000	<0.50	--	2.2	
3/11/2002	<5000	<25000	<100	<100	<100	<100	<100	--	15000	<0.50	--	0.11	
6/4/2002	--	--	--	--	--	--	--	--	<500	<0.50	--	<0.10	
9/3/2002	<10000	<50000	<200	<200	<200	<200	<200	--	<500	<0.50	--	<0.10	
12/3/2002	<10000	<50000	<200	<200	<200	<200	<200	--	9600	<1.0	--	<1.0	
3/4/2003	<5000	<25000	<100	<100	<100	<100	<100	--	36000	<1.0	--	<1.0	
6/18/2003	<5000	<25000	<100	<100	<100	<100	<100	--	16000	<1.0	--	<1.0	
9/24/2003	<20000	<100000	<400	<400	<400	<400	<400	--	15	<1.0	--	<1.0	
12/2/2003	--	<100000	--	--	--	--	--	--	4000	--	--	--	
3/30/2004	3100	<10000	<100	<100	<200	<100	<100	--	12000	<1.0	<1.0	--	
6/7/2004	3300	<10000	<100	<100	<200	<100	<100	--	660	<0.50	6.8	--	
12/20/2004	11	<50	<0.50	<0.50	<1.0	<0.50	<0.50	--	0.015	<1.0	<1.0	--	
3/28/2005	--	<1000	--	--	--	--	--	--	16	<1.0	<1.0	--	
6/14/2005	4400	<1000	<10	<10	<10	<10	<10	--	7100	<1.0	12	--	
9/28/2005	5500	<250	<10	<10	<10	<10	<10	--	7300	<0.10	39	--	
12/29/2005	3900	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	9500	<0.10	21	--	
3/27/2006	--	<12000	--	--	--	--	--	--	8500	<0.10	<0.050	--	
6/12/2006	--	<250	--	--	--	--	--	--	25000	<0.10	0.64	--	
9/21/2006	--	<6200	--	--	--	--	--	--	16000	<0.10	1.5	--	
12/21/2006	--	<250	--	--	--	--	--	--	22000	<0.10	1.0	--	
3/28/2007	1600	<1200	<2.5	<2.5	<2.5	<2.5	<2.5	--	20000	<0.10	<0.050	--	
6/27/2007	1500	<1200	<2.5	<2.5	<2.5	<2.5	<2.5	--	35000	<0.10	0.065	--	

Table 2

Groundwater Analytical Data (Gasoline Oxygenates)

3200 Lakeshore Avenue, Oakland, CA

76 Station 5325

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	1,2-Dibro-moethane (EDB) (µg/l)	1,2-Dichloro-ethane (1,2-DCA) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Acenaph-thylene (µg/l)	Iron Ferrous (µg/l)	Nitrate (mg/l)	Phosphate (ortho) (mg/l)	Phosphate (total) ()	Comments
9/26/2007	--	<1200	--	--	--	--	--	--	27000	<0.10	0.11	--	
12/27/2007	--	<1200	--	--	--	--	--	--	25000	<0.10	<0.050	--	
3/26/2008	--	<1200	--	--	--	--	--	--	23000	<0.10	0.12	--	
6/18/2008	--	<2500	--	--	--	--	--	--	30000	<0.10	0.059	--	
9/24/2008	--	<1200	--	--	--	--	--	--	5000	<0.10	0.061	--	
12/22/2008	--	<250	--	--	--	--	--	--	23000	<0.10	<0.050	--	
3/26/2009	--	<1200	--	--	--	--	--	--	2400	<0.10	0.11	--	
6/23/2009	--	<1200	--	--	--	--	--	--	23000	<0.10	0.077		
12/4/2009	**729**	<250	<1.0	<1.0	<0.50	<0.50	<0.50	--	**2700**	<50	**26.9**	--	
U-2													
3/3/1998	--	--	--	--	--	--	--	--	25000	ND	--	ND	
6/15/1998	--	--	--	--	--	--	--	--	42000	ND	--	ND	
9/30/1998	--	--	--	--	--	--	--	--	25000	ND	--	ND	
12/28/1998	--	--	--	--	--	--	--	--	28000	ND	--	ND	
3/22/1999	--	--	--	--	--	--	--	--	680	ND	--	2.3	
6/9/1999	--	--	--	--	--	--	--	--	500	ND	--	ND	
9/8/1999	--	--	--	--	--	--	--	--	1900	ND	--	ND	
12/7/1999	--	--	--	--	--	--	--	--	250	ND	--	ND	
3/13/2000	--	--	--	--	--	--	--	--	4300	0.31	--	ND	
6/21/2000	--	--	--	--	--	--	--	--	260	ND	--	ND	
9/27/2000	--	--	--	--	--	--	--	--	640	ND	--	10.5	
12/12/2000	--	--	--	--	--	--	--	--	2700	ND	--	ND	
3/7/2001	ND	ND	ND	ND	ND	ND	ND	--	677	2.24	--	3.02	
6/6/2001	ND	ND	ND	ND	ND	ND	ND	--	800	ND	--	2.8	
9/24/2001	<20000	<400000	<1000	<1000	<1000	<1000	<1000	--	<100	0.49	--	--	
12/10/2001	<2000	<4000	<50	<50	<50	<50	<50	--	<100	<0.50	--	0.20	
3/11/2002	<10000	<50000	<200	<200	<200	<200	<200	--	<100	<0.50	--	0.65	
6/4/2002	--	--	--	--	--	--	--	--	<100	<0.50	--	<0.10	
9/3/2002	<50000	<250000	<1000	<1000	<1000	<1000	<1000	--	<250	<0.50	--	0.26	
12/3/2002	<10000	<50000	<200	<200	<200	<200	<200	--	9900	<1.0	--	<1.0	
3/4/2003	<10000	<50000	<200	<200	<200	<200	<200	--	8600	<1.0	--	<1.0	
6/18/2003	<10000	<50000	<200	<200	<200	<200	<200	--	5500	<1.0	--	3.1	
9/24/2003	<20000	<100000	<400	<400	<400	<400	<400	--	14	<1.0	--	<1.0	
12/2/2003	--	<100000	--	--	--	--	--	--	2700	--	--	--	
3/30/2004	2400	<10000	<100	<100	<200	<100	<100	--	<200	<1.0	2.9	--	
6/7/2004	2600	<10000	<100	<100	<200	<100	<100	--	210	<0.50	2.4	--	

Table 2

Groundwater Analytical Data (Gasoline Oxygenates)
3200 Lakeshore Avenue, Oakland, CA
76 Station 5325

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	1,2-Dibro-moethane (EDB) (µg/l)	1,2-Dichloro-ethane (1,2-DCA) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Acenaph-thylene (µg/l)	Iron Ferrous (µg/l)	Nitrate (mg/l)	Phosphate (ortho) (mg/l)	Phosphate (total) ()	Comments
9/9/2004	2700	<10000	<100	<100	<200	<100	<100	--	930	<1.0	5.9	--	
12/20/2004	3500	<5000	<50	<50	<100	<50	<50	--	0.87	<1.0	<1.0	--	
3/28/2005	830	<5000	<50	<50	<50	<50	<0.50	--	4.0	<1.0	<1.0	--	
6/14/2005	10000	<2000	<20	<20	<20	<20	<20	--	3400	<1.0	<1.0	--	
9/28/2005	13000	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	4000	<0.20	7.5	--	
12/29/2005	11,000	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	2200	<0.20	4.6	--	
3/27/2006	--	<250	--	--	--	--	--	--	1100	<0.10	<0.050	--	
6/12/2006	--	<6200	--	--	--	--	--	--	1500	<0.10	<0.050	--	
9/21/2006	--	<250	--	--	--	--	--	--	100	33	0.36	--	
12/21/2006	--	<250	--	--	--	--	--	--	770	<0.20	0.21	--	
3/28/2007	4000	<2500	<5.0	<5.0	<5.0	<5.0	<5.0	--	8600	<0.10	<0.050	--	
6/27/2007	3000	<2500	<5.0	<5.0	<5.0	<5.0	<5.0	--	9000	<0.10	<0.050	--	
9/26/2007	--	<2500	--	--	--	--	--	--	22000	<0.10	0.10	--	
12/27/2007	--	<2500	--	--	--	--	--	--	7600	<0.10	<0.050	--	
3/26/2008	--	<1200	--	--	--	--	--	--	11000	<0.10	<0.050	--	
6/18/2008	--	<2500	--	--	--	--	--	--	16000	<0.10	<0.050	--	
9/24/2008	--	<250	--	--	--	--	--	--	4600	<0.20	<0.050	--	
12/22/2008	--	<250	--	--	--	--	--	--	13000	<0.10	<0.050	--	
3/26/2009	--	<1200	--	--	--	--	--	--	2600	<0.10	<0.050	--	
6/23/2009	--	<1200	--	--	--	--	--	--	9500	<0.10	0.052	--	
12/4/2009	**2420**	<250	<1.0	<1.0	<0.50	<0.50	<0.50	--	**3500**	<50	**31.6**	--	
U-3													
6/30/1997	--	--	--	--	--	--	--	--	1400	21	--	0.86	
9/19/1997	--	--	--	--	--	--	--	--	570	19	--	ND	
12/12/1997	--	--	--	--	--	--	--	--	1900	23	--	0.85	
3/3/1998	--	--	--	--	--	--	--	--	13	36	--	ND	
6/15/1998	--	--	--	--	--	--	--	--	160	33	--	ND	
9/30/1998	--	--	--	--	--	--	--	--	40	31	--	ND	
12/28/1998	--	--	--	--	--	--	--	--	ND	29	--	ND	
3/22/1999	--	--	--	--	--	--	--	--	15	30	--	0.14	
6/9/1999	--	--	--	--	--	--	--	--	ND	26	--	1.2	
9/8/1999	--	--	--	--	--	--	--	--	ND	32.90	--	ND	
12/7/1999	--	--	--	--	--	--	--	--	52	27.90	--	ND	
3/13/2000	--	--	--	--	--	--	--	--	150	33	--	ND	
6/21/2000	--	--	--	--	--	--	--	--	200	32	--	ND	
9/27/2000	--	--	--	--	--	--	--	307	ND	34	--	15.7	

Table 2

Groundwater Analytical Data (Gasoline Oxygenates)

3200 Lakeshore Avenue, Oakland, CA

76 Station 5325

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	1,2-Dibro-moethane (EDB) (µg/l)	1,2-Dichloro-ethane (1,2-DCA) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Acenaph-thylene (µg/l)	Iron Ferrous (µg/l)	Nitrate (mg/l)	Phosphate (ortho) (mg/l)	Phosphate (total) ()	Comments
12/12/2000	--	--	--	--	--	--	--	--	ND	31	--	ND	
3/7/2001	--	--	--	--	--	--	--	--	ND	36.5	--	0.443	
6/6/2001	--	--	--	--	--	--	--	--	ND	8.0	--	0.18	
9/24/2001	--	--	--	--	--	--	--	--	<100	23.0	--	ND	
12/10/2001	--	--	--	--	--	--	--	--	<100	21	--	0.11	
3/11/2002	--	--	--	--	--	--	--	--	<100	30	--	0.14	
6/4/2002	--	--	--	--	--	--	--	--	<100	18	--	<0.10	
9/3/2002	--	--	--	--	--	--	--	--	<100	28	--	<0.10	
12/3/2002	--	--	--	--	--	--	--	--	<200	20	--	<1.0	
3/4/2003	--	--	--	--	--	--	--	--	<200	18	--	<1.0	
6/18/2003	--	--	--	--	--	--	--	--	<200	17	--	<1.0	
9/24/2003	--	<500	--	--	--	--	--	--	<0.20	18	--	1.4	
12/2/2003	--	<500	--	--	--	--	--	--	<200	--	--	--	
3/30/2004	--	<50	--	--	--	--	--	--	<200	16	<1.0	--	
6/7/2004	--	<50	--	--	--	--	--	--	<200	17	<0.20	--	
9/9/2004	--	<50	--	--	--	--	--	--	<10	16	1.2	--	
12/20/2004	--	<50	--	--	--	--	--	--	<0.010	17	<1.0	--	
3/28/2005	--	<50	--	--	--	--	--	--	<0.050	17	<1.0	--	
6/14/2005	--	<50	--	--	--	--	--	--	<50	18	<1.0	--	
9/28/2005	--	<250	--	--	--	--	--	--	<100	4.3	0.66	--	
12/29/2005	--	<250	--	--	--	--	--	--	<100	4.3	0.65	--	
3/27/2006	--	<250	--	--	--	--	--	--	<100	4.5	0.66	--	
6/12/2006	--	<250	--	--	--	--	--	--	<100	4.4	0.64	--	
9/21/2006	--	<250	--	--	--	--	--	--	170	4.4	0.69	--	
12/21/2006	--	<250	--	--	--	--	--	--	<100	4.5	0.68	--	
3/28/2007	--	<250	--	--	--	--	--	--	<100	4.7	0.67	--	
6/27/2007	--	<250	--	--	--	--	--	--	<100	4.5	0.64	--	
9/26/2007	--	<250	--	--	--	--	--	--	9900	<0.10	<0.050	--	
12/27/2007	--	<250	--	--	--	--	--	--	130	4.6	0.75	--	
3/26/2008	--	<250	--	--	--	--	--	--	190	5.1	0.64	--	
6/18/2008	--	<250	--	--	--	--	--	--	<100	4.9	0.64	--	
9/24/2008	--	<250	--	--	--	--	--	--	150	4.7	0.73	--	
12/22/2008	--	<250	--	--	--	--	--	--	<100	4.8	0.73	--	
3/26/2009	--	<250	--	--	--	--	--	--	<100	4.8	0.66	--	
6/23/2009	--	<250	--	--	--	--	--	--	<100	4.4	0.67		
12/4/2009	<5.0	<250	<1.0	<1.0	<0.50	<0.50	<0.50	--	**200**	**4940**	**234**	--	

Table 2

Groundwater Analytical Data (Gasoline Oxygenates)

3200 Lakeshore Avenue, Oakland, CA

76 Station 5325

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	1,2-Dibro-moethane (EDB) (µg/l)	1,2-Dichloro-ethane (1,2-DCA) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Acenaph-thylene (µg/l)	Iron Ferrous (µg/l)	Nitrate (mg/l)	Phosphate (ortho) (mg/l)	Phosphate (total) ()	Comments
U-4													
6/30/1997	--	--	--	--	--	--	--	--	130	35	--	0.52	
9/19/1997	--	--	--	--	--	--	--	--	350	30	--	ND	
12/12/1997	--	--	--	--	--	--	--	--	680	31	--	0.73	
3/3/1998	--	--	--	--	--	--	--	--	18	3.2	--	ND	
6/15/1998	--	--	--	--	--	--	--	--	140	33	--	ND	
9/30/1998	--	--	--	--	--	--	--	--	49	31	--	ND	
12/28/1998	--	--	--	--	--	--	--	--	360	31	--	ND	
3/22/1999	--	--	--	--	--	--	--	--	ND	30	--	0.14	
6/9/1999	--	--	--	--	--	--	--	--	ND	35	--	0.91	
9/8/1999	--	--	--	--	--	--	--	--	ND	24	--	ND	
12/7/1999	--	--	--	--	--	--	--	--	ND	27.7	--	ND	
3/13/2000	--	--	--	--	--	--	--	--	ND	33	--	ND	
6/21/2000	--	--	--	--	--	--	--	--	34	32	--	ND	
9/27/2000	--	--	--	--	--	--	--	--	ND	28	--	ND	
12/12/2000	--	--	--	--	--	--	--	--	ND	30	--	ND	
3/7/2001	--	--	--	--	--	--	--	--	ND	33.9	--	0.226	
6/6/2001	--	--	--	--	--	--	--	--	ND	7.4	--	0.21	
9/24/2001	--	--	--	--	--	--	--	--	<100	24	--	--	
12/10/2001	--	--	--	--	--	--	--	--	<100	19	--	0.10	
3/11/2002	--	--	--	--	--	--	--	--	<100	31	--	0.14	
6/4/2002	--	--	--	--	--	--	--	--	<100	27	--	<0.10	
9/3/2002	--	--	--	--	--	--	--	--	<100	28	--	0.27	
12/3/2002	--	--	--	--	--	--	--	--	<200	20	--	<1.0	
3/4/2003	--	--	--	--	--	--	--	--	<200	26	--	<1.0	
6/18/2003	--	--	--	--	--	--	--	--	<200	31	--	<1.0	
9/24/2003	--	<500	--	--	--	--	--	--	<0.20	17	--	1.5	
12/2/2003	--	<500	--	--	--	--	--	--	<200	--	--	--	
3/30/2004	--	<50	--	--	--	--	--	--	<200	25	<1.0	--	
6/7/2004	--	<50	--	--	--	--	--	--	<200	24	<0.20	--	
9/9/2004	--	<50	--	--	--	--	--	--	<10	22	<1.0	--	
12/20/2004	--	<50	--	--	--	--	--	--	<0.010	20	<1.0	--	
3/28/2005	--	<50	--	--	--	--	--	--	0.060	31	<1.0	--	
6/14/2005	--	<50	--	--	--	--	--	--	<50	32	<1.0	--	
9/28/2005	--	<250	--	--	--	--	--	--	190	6.8	0.45	--	
12/29/2005	--	<250	--	--	--	--	--	--	<100	5.3	0.37	--	
3/27/2006	--	<250	--	--	--	--	--	--	<100	6.4	0.41	--	

Table 2

Groundwater Analytical Data (Gasoline Oxygenates)
3200 Lakeshore Avenue, Oakland, CA
76 Station 5325

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	1,2-Dibro-moethane (EDB) (µg/l)	1,2-Dichloro-ethane (1,2-DCA) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Acenaph-thylene (µg/l)	Iron Ferrous (µg/l)	Nitrate (mg/l)	Phosphate (ortho) (mg/l)	Phosphate (total) ()	Comments
6/12/2006	--	<250	--	--	--	--	--	--	2200	6.8	0.39	--	
9/21/2006	--	<250	--	--	--	--	--	--	360	5.7	0.43	--	
12/21/2006	--	<250	--	--	--	--	--	--	<100	5.6	0.41	--	
3/28/2007	--	<250	--	--	--	--	--	--	<100	5.5	0.49	--	
6/27/2007	--	<250	--	--	--	--	--	--	<100	5.3	0.34	--	
9/26/2007	--	<250	--	--	--	--	--	--	<100	5.4	0.40	--	
12/27/2007	--	<250	--	--	--	--	--	--	<100	5.3	0.43	--	
3/26/2008	--	<250	--	--	--	--	--	--	160	5.6	0.38	--	
6/18/2008	--	<250	--	--	--	--	--	--	<100	5.6	0.39	--	
9/24/2008	--	<250	--	--	--	--	--	--	250	5.1	0.34	--	
12/22/2008	--	<250	--	--	--	--	--	--	140	4.8	0.39	--	
3/26/2009	--	<250	--	--	--	--	--	--	<100	4.4	0.37	--	
6/23/2009	--	<250	--	--	--	--	--	--	<100	4.2	0.37		
12/4/2009	<5.0	<250	<1.0	<1.0	<0.50	<0.50	<0.50	--	**400**	**4310**	**130**	--	
U-5													
6/30/1997	--	--	--	--	--	--	--	--	16000	ND	--	ND	
9/19/1997	--	--	--	--	--	--	--	--	220	ND	--	ND	
12/12/1997	--	--	--	--	--	--	--	--	6700	ND	--	ND	
3/3/1998	--	--	--	--	--	--	--	--	18000	3.1	--	ND	
6/15/1998	--	--	--	--	--	--	--	--	17000	ND	--	ND	
9/30/1998	--	--	--	--	--	--	--	--	17000	ND	--	ND	
12/28/1998	--	--	--	--	--	--	--	--	17000	6.6	--	ND	
3/22/1999	--	--	--	--	--	--	--	--	120	ND	--	2.4	
6/9/1999	--	--	--	--	--	--	--	--	230	ND	--	ND	
9/8/1999	--	--	--	--	--	--	--	--	2100	ND	--	ND	
12/7/1999	--	--	--	--	--	--	--	--	310	ND	--	ND	
3/13/2000	--	--	--	--	--	--	--	--	330	0.16	--	ND	
6/21/2000	--	--	--	--	--	--	--	--	150	ND	--	ND	
9/27/2000	--	--	--	--	--	--	--	--	330	ND	--	ND	
12/12/2000	--	--	--	--	--	--	--	--	86	ND	--	ND	
3/7/2001	ND	ND	ND	ND	ND	ND	ND	--	1070	3.02	--	4.00	
6/6/2001	--	--	--	--	--	--	--	--	ND	ND	--	1.2	
9/24/2001	<200	<4000	<10	<10	<10	<10	<10	--	<100	0.77	--	--	
12/10/2001	--	--	--	--	--	--	--	--	3700	<0.50	--	2.6	
3/11/2002	<100	<500	<2.0	<2.0	<2.0	<2.0	<2.0	--	100	<0.50	--	0.52	
6/4/2002	--	--	--	--	--	--	--	--	<250	<0.50	--	<0.10	

Table 2

Groundwater Analytical Data (Gasoline Oxygenates)

3200 Lakeshore Avenue, Oakland, CA

76 Station 5325

	Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	1,2-Dibro-moethane (EDB) (µg/l)	1,2-Dichloro-ethane (1,2-DCA) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Acenaph-thylene (µg/l)	Iron Ferrous (µg/l)	Nitrate (mg/l)	Phosphate (ortho) (mg/l)	Phosphate (total) ()	Comments
	9/3/2002	<100	<500	<2.0	<2.0	<2.0	<2.0	<2.0	--	<250	<0.50	--	<0.10	
	12/3/2002	<100	<500	<2.0	<2.0	<2.0	<2.0	<2.0	--	22000	<1.0	--	<1.0	
	3/4/2003	<100	<500	<2.0	<2.0	<2.0	<2.0	<2.0	--	19000	<1.0	--	<1.0	
	6/18/2003	<100	<500	<2.0	<2.0	<2.0	<2.0	<2.0	--	11000	<1.0	--	<1.0	
	9/24/2003	--	<500	--	--	--	--	--	--	<0.20	18	--	1.8	
	12/2/2003	--	<500	--	--	--	--	--	--	9400	--	--	--	
	3/30/2004	52	<50	<0.50	<0.50	<1.0	<0.50	<0.50	--	5900	<1.0	<1.0	--	
	6/7/2004	69	<50	<0.5	<0.5	<1.0	<0.5	<0.5	--	3800	<0.50	<0.20	--	
	9/9/2004	130	<50	<0.50	<0.50	<1.0	<0.50	<0.50	--	4100	<1.0	<1.0	--	
	12/20/2004	--	<50	--	--	--	--	--	--	5.0	<1.0	<1.0	--	
	3/28/2005	150	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	6.5	<1.0	<1.0	--	
	6/14/2005	160	<100	<0.50	<0.50	<0.50	<0.50	<0.50	--	7400	3.6	<1.0	--	
	9/28/2005	220	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	7300	<0.50	0.10	--	
	12/29/2005	280	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	7300	<0.50	<0.050	--	
	3/27/2006	--	<250	--	--	--	--	--	--	6300	<0.50	<0.050	--	
	6/12/2006	--	<250	--	--	--	--	--	--	8700	<0.20	<0.050	--	
	9/21/2006	--	<250	--	--	--	--	--	--	6800	<0.50	<0.050	--	
	12/21/2006	--	<250	--	--	--	--	--	--	15000	<0.50	<0.050	--	
	3/28/2007	870	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	10000	<0.20	<0.050	--	
	6/27/2007	220	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	10000	<0.10	<0.050	--	
	9/26/2007	--	<250	--	--	--	--	--	--	9200	<0.10	<0.050	--	
	12/27/2007	--	<250	--	--	--	--	--	--	5900	<0.10	<0.050	--	
	3/26/2008	--	<250	--	--	--	--	--	--	10000	<0.20	<0.050	--	
	6/18/2008	--	<250	--	--	--	--	--	--	6700	0.12	<0.050	--	
	9/24/2008	--	<250	--	--	--	--	--	--	7900	<0.10	<0.050	--	
	12/22/2008	--	<250	--	--	--	--	--	--	9200	<0.10	<0.050	--	
	3/26/2009	--	<250	--	--	--	--	--	--	990	<0.10	<0.050	--	
	6/23/2009	--	<250	--	--	--	--	--	--	7000	0.17	0.076		
	12/4/2009	**79.4**	<250	<1.0	<1.0	<0.50	<0.50	<0.50	--	**4000**	<50	**39.6**	--	
U-6														
	6/30/1997	--	--	--	--	--	--	--	--	88000	0.80	--	ND	
	9/19/1997	--	--	--	--	--	--	--	--	2900	1.80	--	ND	
	12/12/1997	--	--	--	--	--	--	--	--	51000	ND	--	ND	
	3/3/1998	--	--	--	--	--	--	--	--	60000	3.5	--	ND	
	6/15/1998	--	--	--	--	--	--	--	--	590000	4.8	--	ND	
	9/30/1998	--	--	--	--	--	--	--	--	33000	ND	--	ND	

Table 2

Groundwater Analytical Data (Gasoline Oxygenates)

3200 Lakeshore Avenue, Oakland, CA

76 Station 5325

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	1,2-Dibro-moethane (EDB) (µg/l)	1,2-Dichloro-ethane (1,2-DCA) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Acenaph-thylene (µg/l)	Iron Ferrous (µg/l)	Nitrate (mg/l)	Phosphate (ortho) (mg/l)	Phosphate (total) ()	Comments
12/28/1998	--	--	--	--	--	--	--	--	83000	7.2	--	ND	
3/22/1999	--	--	--	--	--	--	--	--	2100	ND	--	0.98	
6/9/1999	--	--	--	--	--	--	--	--	470	0.20	--	ND	
9/8/1999	--	--	--	--	--	--	--	--	140	5.59	--	ND	
12/7/1999	--	--	--	--	--	--	--	--	260	ND	--	ND	
3/13/2000	--	--	--	--	--	--	--	--	790	0.26	--	ND	
6/21/2000	--	--	--	--	--	--	--	--	1900	ND	--	ND	
9/27/2000	--	--	--	--	--	--	--	--	2600	ND	--	ND	
12/12/2000	--	--	--	--	--	--	--	--	ND	2.7	--	ND	
3/7/2001	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
6/6/2001	ND	ND	ND	ND	ND	ND	ND	--	470	0.15	--	0.70	
9/24/2001	<2000	<40000	<100	<100	<100	<100	<100	--	<100	0.58	--	--	
12/10/2001	<200	<400	<5.0	<5.0	<5.0	<5.0	<5.0	--	990	0.50	--	2.0	
3/11/2002	<400	<2000	<8.0	<8.0	<8.0	<8.0	<8.0	--	1200	<0.50	--	0.089	
6/4/2002	--	--	--	--	--	--	--	--	<100	<0.50	--	<1.0	
9/3/2002	<2000	<10000	<40	<40	<40	<40	<40	--	<100	0.58	--	1.1	
12/3/2002	<1000	<5000	<20	<20	<20	<20	<20	--	1200	<1.0	--	2.6	
3/4/2003	<2000	<10000	<40	<40	<40	<40	<40	--	20000	<1.0	--	<1.0	
6/18/2003	<2000	<10000	<40	<40	<40	<40	<40	--	3200	<1.0	--	2.0	
9/24/2003	<20000	<100000	<400	<400	<400	<400	<400	--	1.4	<1.0	--	4.6	
12/2/2003	--	<10000	--	--	--	--	--	--	1400	--	--	--	
3/30/2004	770	<1000	<10	<10	<20	<10	<10	--	2600	<1.0	<1.0	--	
6/7/2004	110	<1000	<10	<10	<20	<10	<10	--	2100	0.8	<0.20	--	
9/9/2004	1900	<1000	<10	<10	<20	<10	<10	--	870	<1.0	3.8	--	
12/20/2004	5000	<250	<2.5	<2.5	<5.0	<2.5	<2.5	--	2.5	<1.0	<1.0	--	
3/28/2005	990	--	<2.5	<0.50	<0.50	<0.50	<0.50	--	3.4	<1.0	<1.0	--	
6/14/2005	<5.0	<100	<0.5	<0.5	<0.50	<0.50	<0.50	--	4100	3.8	<1.0	--	
9/28/2005	3800	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	21000	<0.20	3.4	--	
12/29/2005	1100	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	8300	0.48	<0.050	--	
3/27/2006	--	<250	--	--	--	--	--	--	8800	0.37	0.19	--	
6/12/2006	--	<250	--	--	--	--	--	--	8500	0.23	<0.050	--	
9/21/2006	--	<250	--	--	--	--	--	--	2900	0.19	0.31	--	
12/21/2006	--	<250	--	--	--	--	--	--	11000	0.36	0.41	--	
3/28/2007	--	<250	--	--	--	--	--	--	<100	0.55	0.31	--	
9/26/2007	--	<250	--	--	--	--	--	--	<100	0.41	0.34	--	
12/27/2007	--	<250	--	--	--	--	--	--	7700	<0.10	1.0	--	
3/26/2008	--	<250	--	--	--	--	--	--	19000	<0.10	1.2	--	

Table 2

Groundwater Analytical Data (Gasoline Oxygenates)

3200 Lakeshore Avenue, Oakland, CA

76 Station 5325

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	1,2-Dibro-moethane (EDB) (µg/l)	1,2-Dichloro-ethane (1,2-DCA) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Acenaph-thylene (µg/l)	Iron Ferrous (µg/l)	Nitrate (mg/l)	Phosphate (ortho) (mg/l)	Phosphate (total) ()	Comments
6/18/2008	--	<250	--	--	--	--	--	--	2100000	<0.10	0.076	--	
9/24/2008	--	<250	--	--	--	--	--	--	220000	<0.10	0.28	--	
12/22/2008	--	<250	--	--	--	--	--	--	290000	<0.10	0.39	--	
3/26/2009	--	<1200	--	--	--	--	--	--	540000	<0.10	0.28	--	
6/23/2009	--	<250	--	--	--	--	--	--	12000	0.26	0.68		
12/4/2009	<5.0	<250	<1.0	<1.0	<0.50	<0.50	<0.50	--	**600**	**352**	**33.7**		

Table 2a

Historic Groundwater Analytical Results (Gasoline Oxygenates)

3200 Lakeshore Avenue, Oakland, CA

76 Station No. 5325

Well ID	Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	1,2-Dibro-moethane (EDB) (µg/l)	1,2-Dichloro-ethane (1,2-DCA) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Acenaph-thylene (µg/l)	Iron Ferrous (µg/l)	Nitrate (mg/l)	Phosphate (ortho) (mg/l)	Phosphate (total) ()	Comments
U-1	6/15/1998	--	--	--	--	--	--	--	--	39000	ND	--	ND	
	9/30/1998	--	--	--	--	--	--	--	--	17000	ND	--	ND	
	12/28/1998	--	--	--	--	--	--	--	--	4300	6.30	--	28	
	3/22/1999	--	--	--	--	--	--	--	--	4900	ND	--	3.5	
	6/9/1999	--	--	--	--	--	--	--	--	1200	ND	--	ND	
	9/8/1999	--	--	--	--	--	--	--	--	1800	ND	--	ND	
	12/7/1999	--	--	--	--	--	--	--	--	5700	ND	--	17.0	
	3/13/2000	--	--	--	--	--	--	--	--	8000	0.18	--	ND	
	6/21/2000	--	--	--	--	--	--	--	--	9300	ND	--	ND	
	9/27/2000	ND	--	ND	--	ND	ND	ND	--	2800	ND	--	18.4	
	12/12/2000	--	--	--	--	--	--	--	--	490	ND	--	16.0	
	3/7/2001	ND	--	ND	--	ND	ND	ND	--	483	2.64	--	6.89	
	6/6/2001	ND	--	ND	--	ND	ND	ND	--	1000	ND	--	2.7	
	9/24/2001	<20000	<400000	<1000	<1000	<1000	<1000	<1000	--	<100	0.45	--	--	
	12/10/2001	<4000	<8000	<100	<100	<100	<100	<100	--	14000	<0.50	--	2.2	
	3/11/2002	<5000	<25000	<100	<100	<100	<100	<100	--	15000	<0.50	--	0.11	
	6/4/2002	--	--	--	--	--	--	--	--	<500	<0.50	--	<0.10	
	9/3/2002	<10000	<50000	<200	<200	<200	<200	<200	--	<500	<0.50	--	<0.10	
	12/3/2002	<10000	<50000	<200	<200	<200	<200	<200	--	9600	<1.0	--	<1.0	
	3/4/2003	<5000	<25000	<100	<100	<100	<100	<100	--	36000	<1.0	--	<1.0	
	6/18/2003	<5000	<25000	<100	<100	<100	<100	<100	--	16000	<1.0	--	<1.0	
	9/24/2003	<20000	<100000	<400	<400	<400	<400	<400	--	15	<1.0	--	<1.0	
	12/2/2003	--	<100000	--	--	--	--	--	--	4000	--	--	--	
	3/30/2004	3100	<10000	<100	<100	<200	<100	<100	--	12000	<1.0	<1.0	--	
	6/7/2004	3300	<10000	<100	<100	<200	<100	<100	--	660	<0.50	6.8	--	
	12/20/2004	11	<50	<0.50	<0.50	<1.0	<0.50	<0.50	--	0.015	<1.0	<1.0	--	
	3/28/2005	--	<1000	--	--	--	--	--	--	16	<1.0	<1.0	--	
	6/14/2005	4400	<1000	<10	<10	<10	<10	<10	--	7100	<1.0	12	--	
	9/28/2005	5500	<250	<10	<10	<10	<10	<10	--	7300	<0.10	39	--	
	12/29/2005	3900	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	9500	<0.10	21	--	
	3/27/2006	--	<12000	--	--	--	--	--	--	8500	<0.10	<0.050	--	
	6/12/2006	--	<250	--	--	--	--	--	--	25000	<0.10	0.64	--	
	9/21/2006	--	<6200	--	--	--	--	--	--	16000	<0.10	1.5	--	
	12/21/2006	--	<250	--	--	--	--	--	--	22000	<0.10	1.0	--	
	3/28/2007	1600	<1200	<2.5	<2.5	<2.5	<2.5	<2.5	--	20000	<0.10	<0.050	--	
	6/27/2007	1500	<1200	<2.5	<2.5	<2.5	<2.5	<2.5	--	35000	<0.10	0.065	--	
	9/26/2007	--	<1200	--	--	--	--	--	--	27000	<0.10	0.11	--	
	12/27/2007	--	<1200	--	--	--	--	--	--	25000	<0.10	<0.050	--	
	3/26/2008	--	<1200	--	--	--	--	--	--	23000	<0.10	0.12	--	
	6/18/2008	--	<2500	--	--	--	--	--	--	30000	<0.10	0.059	--	
	9/24/2008	--	<1200	--	--	--	--	--	--	5000	<0.10	0.061	--	
	12/22/2008	--	<250	--	--	--	--	--	--	23000	<0.10	<0.050	--	
	3/26/2009	--	<1200	--	--	--	--	--	--	2400	<0.10	0.11	--	
	6/23/2009	--	<1200	--	--	--	--	--	--	23000	<0.10	0.077		
	12/4/2009	**729**	<250	<1.0	<1.0	<0.50	<0.50	<0.50	--	**2700**	<50	**26.9**	--	
U-2	3/3/1998	--	--	--	--	--	--	--	--	25000	ND	--	ND	
	6/15/1998	--	--	--	--	--	--	--	--	42000	ND	--	ND	
	9/30/1998	--	--	--	--	--	--	--	--	25000	ND	--	ND	
	12/28/1998	--	--	--	--	--	--	--	--	28000	ND	--	ND	
	3/22/1999	--	--	--	--	--	--	--	--	680	ND	--	2.3	
	6/9/1999	--	--	--	--	--	--	--	--	500	ND	--	ND	
	9/8/1999	--	--	--	--	--	--	--	--	1900	ND	--	ND	

Table 2a

Historic Groundwater Analytical Results (Gasoline Oxygenates)

3200 Lakeshore Avenue, Oakland, CA

76 Station No. 5325

Well ID	Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	1,2-Dibro-moethane (EDB) (µg/l)	1,2-Dichloro-ethane (1,2-DCA) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Acenaph-thylene (µg/l)	Iron Ferrous (µg/l)	Nitrate (mg/l)	Phosphate (ortho) (mg/l)	Phosphate (total) ()	Comments
U-2	12/7/1999	--	--	--	--	--	--	--	--	250	ND	--	ND	
	3/13/2000	--	--	--	--	--	--	--	--	4300	0.31	--	ND	
	6/21/2000	--	--	--	--	--	--	--	--	260	ND	--	ND	
	9/27/2000	--	--	--	--	--	--	--	--	640	ND	--	10.5	
	12/12/2000	--	--	--	--	--	--	--	--	2700	ND	--	ND	
	3/7/2001	ND	ND	ND	ND	ND	ND	ND	--	677	2.24	--	3.02	
	6/6/2001	ND	ND	ND	ND	ND	ND	ND	--	800	ND	--	2.8	
	9/24/2001	<20000	<400000	<1000	<1000	<1000	<1000	<1000	--	<100	0.49	--	--	
	12/10/2001	<2000	<4000	<50	<50	<50	<50	<50	--	<100	<0.50	--	0.20	
	3/11/2002	<10000	<50000	<200	<200	<200	<200	<200	--	<100	<0.50	--	0.65	
	6/4/2002	--	--	--	--	--	--	--	--	<100	<0.50	--	<0.10	
	9/3/2002	<50000	<250000	<1000	<1000	<1000	<1000	<1000	--	<250	<0.50	--	0.26	
	12/3/2002	<10000	<50000	<200	<200	<200	<200	<200	--	9900	<1.0	--	<1.0	
	3/4/2003	<10000	<50000	<200	<200	<200	<200	<200	--	8600	<1.0	--	<1.0	
	6/18/2003	<10000	<50000	<200	<200	<200	<200	<200	--	5500	<1.0	--	3.1	
	9/24/2003	<20000	<100000	<400	<400	<400	<400	<400	--	14	<1.0	--	<1.0	
	12/2/2003	--	<100000	--	--	--	--	--	--	2700	--	--	--	
	3/30/2004	2400	<10000	<100	<100	<200	<100	<100	--	<200	<1.0	2.9	--	
	6/7/2004	2600	<10000	<100	<100	<200	<100	<100	--	210	<0.50	2.4	--	
	9/9/2004	2700	<10000	<100	<100	<200	<100	<100	--	930	<1.0	5.9	--	
	12/20/2004	3500	<5000	<50	<50	<100	<50	<50	--	0.87	<1.0	<1.0	--	
	3/28/2005	830	<5000	<50	<50	<50	<50	<0.50	--	4.0	<1.0	<1.0	--	
	6/14/2005	10000	<2000	<20	<20	<20	<20	<20	--	3400	<1.0	<1.0	--	
	9/28/2005	13000	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	4000	<0.20	7.5	--	
	12/29/2005	11,000	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	2200	<0.20	4.6	--	
	3/27/2006	--	<250	--	--	--	--	--	--	1100	<0.10	<0.050	--	
	6/12/2006	--	<6200	--	--	--	--	--	--	1500	<0.10	<0.050	--	
	9/21/2006	--	<250	--	--	--	--	--	--	100	33	0.36	--	
	12/21/2006	--	<250	--	--	--	--	--	--	770	<0.20	0.21	--	
	3/28/2007	4000	<2500	<5.0	<5.0	<5.0	<5.0	<5.0	--	8600	<0.10	<0.050	--	
	6/27/2007	3000	<2500	<5.0	<5.0	<5.0	<5.0	<5.0	--	9000	<0.10	<0.050	--	
	9/26/2007	--	<2500	--	--	--	--	--	--	22000	<0.10	0.10	--	
	12/27/2007	--	<2500	--	--	--	--	--	--	7600	<0.10	<0.050	--	
	3/26/2008	--	<1200	--	--	--	--	--	--	11000	<0.10	<0.050	--	
	6/18/2008	--	<2500	--	--	--	--	--	--	16000	<0.10	<0.050	--	
	9/24/2008	--	<250	--	--	--	--	--	--	4600	<0.20	<0.050	--	
	12/22/2008	--	<250	--	--	--	--	--	--	13000	<0.10	<0.050	--	
	3/26/2009	--	<1200	--	--	--	--	--	--	2600	<0.10	<0.050	--	
	6/23/2009	--	<1200	--	--	--	--	--	--	9500	<0.10	0.052	--	
	12/4/2009	**2420**	<250	<1.0	<1.0	<0.50	<0.50	<0.50	--	**3500**	<50	**31.6**	--	
U-3	6/30/1997	--	--	--	--	--	--	--	--	1400	21	--	0.86	
	9/19/1997	--	--	--	--	--	--	--	--	570	19	--	ND	
	12/12/1997	--	--	--	--	--	--	--	--	1900	23	--	0.85	
	3/3/1998	--	--	--	--	--	--	--	--	13	36	--	ND	
	6/15/1998	--	--	--	--	--	--	--	--	160	33	--	ND	
	9/30/1998	--	--	--	--	--	--	--	--	40	31	--	ND	
	12/28/1998	--	--	--	--	--	--	--	--	ND	29	--	ND	
	3/22/1999	--	--	--	--	--	--	--	--	15	30	--	0.14	
	6/9/1999	--	--	--	--	--	--	--	--	ND	26	--	1.2	
	9/8/1999	--	--	--	--	--	--	--	--	ND	32.90	--	ND	
	12/7/1999	--	--	--	--	--	--	--	--	52	27.90	--	ND	
	3/13/2000	--	--	--	--	--	--	--	--	150	33	--	ND	

Table 2a

Historic Groundwater Analytical Results (Gasoline Oxygenates)

3200 Lakeshore Avenue, Oakland, CA

76 Station No. 5325

Well ID	Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	1,2-Dibro-moethane (EDB) (µg/l)	1,2-Dichloro-ethane (1,2-DCA) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Acenaph-thylene (µg/l)	Iron Ferrous (µg/l)	Nitrate (mg/l)	Phosphate (ortho) (mg/l)	Phosphate (total) ()	Comments
U-3	6/21/2000	--	--	--	--	--	--	--	--	200	32	--	ND	
	9/27/2000	--	--	--	--	--	--	--	307	ND	34	--	15.7	
	12/12/2000	--	--	--	--	--	--	--	--	ND	31	--	ND	
	3/7/2001	--	--	--	--	--	--	--	--	ND	36.5	--	0.443	
	6/6/2001	--	--	--	--	--	--	--	--	ND	8.0	--	0.18	
	9/24/2001	--	--	--	--	--	--	--	--	<100	23.0	--	ND	
	12/10/2001	--	--	--	--	--	--	--	--	<100	21	--	0.11	
	3/11/2002	--	--	--	--	--	--	--	--	<100	30	--	0.14	
	6/4/2002	--	--	--	--	--	--	--	--	<100	18	--	<0.10	
	9/3/2002	--	--	--	--	--	--	--	--	<100	28	--	<0.10	
	12/3/2002	--	--	--	--	--	--	--	--	<200	20	--	<1.0	
	3/4/2003	--	--	--	--	--	--	--	--	<200	18	--	<1.0	
	6/18/2003	--	--	--	--	--	--	--	--	<200	17	--	<1.0	
	9/24/2003	--	<500	--	--	--	--	--	--	<0.20	18	--	1.4	
	12/2/2003	--	<500	--	--	--	--	--	--	<200	--	--	--	
	3/30/2004	--	<50	--	--	--	--	--	--	<200	16	<1.0	--	
	6/7/2004	--	<50	--	--	--	--	--	--	<200	17	<0.20	--	
	9/9/2004	--	<50	--	--	--	--	--	--	<10	16	1.2	--	
	12/20/2004	--	<50	--	--	--	--	--	--	<0.010	17	<1.0	--	
	3/28/2005	--	<50	--	--	--	--	--	--	<0.050	17	<1.0	--	
	6/14/2005	--	<50	--	--	--	--	--	--	<50	18	<1.0	--	
	9/28/2005	--	<250	--	--	--	--	--	--	<100	4.3	0.66	--	
	12/29/2005	--	<250	--	--	--	--	--	--	<100	4.3	0.65	--	
	3/27/2006	--	<250	--	--	--	--	--	--	<100	4.5	0.66	--	
	6/12/2006	--	<250	--	--	--	--	--	--	<100	4.4	0.64	--	
	9/21/2006	--	<250	--	--	--	--	--	--	170	4.4	0.69	--	
	12/21/2006	--	<250	--	--	--	--	--	--	<100	4.5	0.68	--	
	3/28/2007	--	<250	--	--	--	--	--	--	<100	4.7	0.67	--	
	6/27/2007	--	<250	--	--	--	--	--	--	<100	4.5	0.64	--	
	9/26/2007	--	<250	--	--	--	--	--	--	9900	<0.10	<0.050	--	
	12/27/2007	--	<250	--	--	--	--	--	--	130	4.6	0.75	--	
	3/26/2008	--	<250	--	--	--	--	--	--	190	5.1	0.64	--	
	6/18/2008	--	<250	--	--	--	--	--	--	<100	4.9	0.64	--	
	9/24/2008	--	<250	--	--	--	--	--	--	150	4.7	0.73	--	
	12/22/2008	--	<250	--	--	--	--	--	--	<100	4.8	0.73	--	
	3/26/2009	--	<250	--	--	--	--	--	--	<100	4.8	0.66	--	
	6/23/2009	--	<250	--	--	--	--	--	--	<100	4.4	0.67		
	12/4/2009	<5.0	<250	<1.0	<1.0	<0.50	<0.50	<0.50	--	**200**	**4940**	**234**	--	
U-4	6/30/1997	--	--	--	--	--	--	--	--	130	35	--	0.52	
	9/19/1997	--	--	--	--	--	--	--	--	350	30	--	ND	
	12/12/1997	--	--	--	--	--	--	--	--	680	31	--	0.73	
	3/3/1998	--	--	--	--	--	--	--	--	18	3.2	--	ND	
	6/15/1998	--	--	--	--	--	--	--	--	140	33	--	ND	
	9/30/1998	--	--	--	--	--	--	--	--	49	31	--	ND	
	12/28/1998	--	--	--	--	--	--	--	--	360	31	--	ND	
	3/22/1999	--	--	--	--	--	--	--	--	ND	30	--	0.14	
	6/9/1999	--	--	--	--	--	--	--	--	ND	35	--	0.91	
	9/8/1999	--	--	--	--	--	--	--	--	ND	24	--	ND	
	12/7/1999	--	--	--	--	--	--	--	--	ND	27.7	--	ND	
	3/13/2000	--	--	--	--	--	--	--	--	ND	33	--	ND	
	6/21/2000	--	--	--	--	--	--	--	--	34	32	--	ND	
	9/27/2000	--	--	--	--	--	--	--	--	ND	28	--	ND	

Table 2a

Historic Groundwater Analytical Results (Gasoline Oxygenates)

3200 Lakeshore Avenue, Oakland, CA

76 Station No. 5325

Well ID	Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	1,2-Dibro-moethane (EDB) (µg/l)	1,2-Dichloro-ethane (1,2-DCA) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Acenaph-thylene (µg/l)	Iron Ferrous (µg/l)	Nitrate (mg/l)	Phosphate (ortho) (mg/l)	Phosphate (total) ()	Comments
U-4	12/12/2000	--	--	--	--	--	--	--	--	ND	30	--	ND	
	3/7/2001	--	--	--	--	--	--	--	--	ND	33.9	--	0.226	
	6/6/2001	--	--	--	--	--	--	--	--	ND	7.4	--	0.21	
	9/24/2001	--	--	--	--	--	--	--	--	<100	24	--	--	
	12/10/2001	--	--	--	--	--	--	--	--	<100	19	--	0.10	
	3/11/2002	--	--	--	--	--	--	--	--	<100	31	--	0.14	
	6/4/2002	--	--	--	--	--	--	--	--	<100	27	--	<0.10	
	9/3/2002	--	--	--	--	--	--	--	--	<100	28	--	0.27	
	12/3/2002	--	--	--	--	--	--	--	--	<200	20	--	<1.0	
	3/4/2003	--	--	--	--	--	--	--	--	<200	26	--	<1.0	
	6/18/2003	--	--	--	--	--	--	--	--	<200	31	--	<1.0	
	9/24/2003	--	<500	--	--	--	--	--	--	<0.20	17	--	1.5	
	12/2/2003	--	<500	--	--	--	--	--	--	<200	--	--	--	
	3/30/2004	--	<50	--	--	--	--	--	--	<200	25	<1.0	--	
	6/7/2004	--	<50	--	--	--	--	--	--	<200	24	<0.20	--	
	9/9/2004	--	<50	--	--	--	--	--	--	<10	22	<1.0	--	
	12/20/2004	--	<50	--	--	--	--	--	--	<0.010	20	<1.0	--	
	3/28/2005	--	<50	--	--	--	--	--	--	0.060	31	<1.0	--	
	6/14/2005	--	<50	--	--	--	--	--	--	<50	32	<1.0	--	
	9/28/2005	--	<250	--	--	--	--	--	--	190	6.8	0.45	--	
	12/29/2005	--	<250	--	--	--	--	--	--	<100	5.3	0.37	--	
	3/27/2006	--	<250	--	--	--	--	--	--	<100	6.4	0.41	--	
	6/12/2006	--	<250	--	--	--	--	--	--	2200	6.8	0.39	--	
	9/21/2006	--	<250	--	--	--	--	--	--	360	5.7	0.43	--	
	12/21/2006	--	<250	--	--	--	--	--	--	<100	5.6	0.41	--	
	3/28/2007	--	<250	--	--	--	--	--	--	<100	5.5	0.49	--	
	6/27/2007	--	<250	--	--	--	--	--	--	<100	5.3	0.34	--	
	9/26/2007	--	<250	--	--	--	--	--	--	<100	5.4	0.40	--	
	12/27/2007	--	<250	--	--	--	--	--	--	<100	5.3	0.43	--	
	3/26/2008	--	<250	--	--	--	--	--	--	160	5.6	0.38	--	
	6/18/2008	--	<250	--	--	--	--	--	--	<100	5.6	0.39	--	
	9/24/2008	--	<250	--	--	--	--	--	--	250	5.1	0.34	--	
	12/22/2008	--	<250	--	--	--	--	--	--	140	4.8	0.39	--	
	3/26/2009	--	<250	--	--	--	--	--	--	<100	4.4	0.37	--	
	6/23/2009	--	<250	--	--	--	--	--	--	<100	4.2	0.37		
	12/4/2009	<5.0	<250	<1.0	<1.0	<0.50	<0.50	<0.50	--	**400**	**4310**	**130**	--	
U-5	6/30/1997	--	--	--	--	--	--	--	--	16000	ND	--	ND	
	9/19/1997	--	--	--	--	--	--	--	--	220	ND	--	ND	
	12/12/1997	--	--	--	--	--	--	--	--	6700	ND	--	ND	
	3/3/1998	--	--	--	--	--	--	--	--	18000	3.1	--	ND	
	6/15/1998	--	--	--	--	--	--	--	--	17000	ND	--	ND	
	9/30/1998	--	--	--	--	--	--	--	--	17000	ND	--	ND	
	12/28/1998	--	--	--	--	--	--	--	--	17000	6.6	--	ND	
	3/22/1999	--	--	--	--	--	--	--	--	120	ND	--	2.4	
	6/9/1999	--	--	--	--	--	--	--	--	230	ND	--	ND	
	9/8/1999	--	--	--	--	--	--	--	--	2100	ND	--	ND	
	12/7/1999	--	--	--	--	--	--	--	--	310	ND	--	ND	
	3/13/2000	--	--	--	--	--	--	--	--	330	0.16	--	ND	
	6/21/2000	--	--	--	--	--	--	--	--	150	ND	--	ND	
	9/27/2000	--	--	--	--	--	--	--	--	330	ND	--	ND	
	12/12/2000	--	--	--	--	--	--	--	--	86	ND	--	ND	
	3/7/2001	ND	ND	ND	ND	ND	ND	ND	--	1070	3.02	--	4.00	

Table 2a

Historic Groundwater Analytical Results (Gasoline Oxygenates)

3200 Lakeshore Avenue, Oakland, CA

76 Station No. 5325

Well ID	Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	1,2-Dibro-moethane (EDB) (µg/l)	1,2-Dichloro-ethane (1,2-DCA) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Acenaph-thylene (µg/l)	Iron Ferrous (µg/l)	Nitrate (mg/l)	Phosphate (ortho) (mg/l)	Phosphate (total) ()	Comments
U-5	6/6/2001	--	--	--	--	--	--	--	--	ND	ND	--	1.2	
	9/24/2001	<200	<4000	<10	<10	<10	<10	<10	--	<100	0.77	--	--	
	12/10/2001	--	--	--	--	--	--	--	--	3700	<0.50	--	2.6	
	3/11/2002	<100	<500	<2.0	<2.0	<2.0	<2.0	<2.0	--	100	<0.50	--	0.52	
	6/4/2002	--	--	--	--	--	--	--	--	<250	<0.50	--	<0.10	
	9/3/2002	<100	<500	<2.0	<2.0	<2.0	<2.0	<2.0	--	<250	<0.50	--	<0.10	
	12/3/2002	<100	<500	<2.0	<2.0	<2.0	<2.0	<2.0	--	22000	<1.0	--	<1.0	
	3/4/2003	<100	<500	<2.0	<2.0	<2.0	<2.0	<2.0	--	19000	<1.0	--	<1.0	
	6/18/2003	<100	<500	<2.0	<2.0	<2.0	<2.0	<2.0	--	11000	<1.0	--	<1.0	
	9/24/2003	--	<500	--	--	--	--	--	--	<0.20	18	--	1.8	
	12/2/2003	--	<500	--	--	--	--	--	--	9400	--	--	--	
	3/30/2004	52	<50	<0.50	<0.50	<1.0	<0.50	<0.50	--	5900	<1.0	<1.0	--	
	6/7/2004	69	<50	<0.5	<0.5	<1.0	<0.5	<0.5	--	3800	<0.50	<0.20	--	
	9/9/2004	130	<50	<0.50	<0.50	<1.0	<0.50	<0.50	--	4100	<1.0	<1.0	--	
	12/20/2004	--	<50	--	--	--	--	--	--	5.0	<1.0	<1.0	--	
	3/28/2005	150	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	6.5	<1.0	<1.0	--	
	6/14/2005	160	<100	<0.50	<0.50	<0.50	<0.50	<0.50	--	7400	3.6	<1.0	--	
	9/28/2005	220	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	7300	<0.50	0.10	--	
	12/29/2005	280	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	7300	<0.50	<0.050	--	
	3/27/2006	--	<250	--	--	--	--	--	--	6300	<0.50	<0.050	--	
	6/12/2006	--	<250	--	--	--	--	--	--	8700	<0.20	<0.050	--	
	9/21/2006	--	<250	--	--	--	--	--	--	6800	<0.50	<0.050	--	
	12/21/2006	--	<250	--	--	--	--	--	--	15000	<0.50	<0.050	--	
	3/28/2007	870	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	10000	<0.20	<0.050	--	
	6/27/2007	220	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	10000	<0.10	<0.050	--	
	9/26/2007	--	<250	--	--	--	--	--	--	9200	<0.10	<0.050	--	
	12/27/2007	--	<250	--	--	--	--	--	--	5900	<0.10	<0.050	--	
	3/26/2008	--	<250	--	--	--	--	--	--	10000	<0.20	<0.050	--	
	6/18/2008	--	<250	--	--	--	--	--	--	6700	0.12	<0.050	--	
	9/24/2008	--	<250	--	--	--	--	--	--	7900	<0.10	<0.050	--	
	12/22/2008	--	<250	--	--	--	--	--	--	9200	<0.10	<0.050	--	
	3/26/2009	--	<250	--	--	--	--	--	--	990	<0.10	<0.050	--	
	6/23/2009	--	<250	--	--	--	--	--	--	7000	0.17	0.076		
	12/4/2009	**79.4**	<250	<1.0	<1.0	<0.50	<0.50	<0.50	--	**4000**	<50	**39.6**	--	
U-6	6/30/1997	--	--	--	--	--	--	--	--	88000	0.80	--	ND	
	9/19/1997	--	--	--	--	--	--	--	--	2900	1.80	--	ND	
	12/12/1997	--	--	--	--	--	--	--	--	51000	ND	--	ND	
	3/3/1998	--	--	--	--	--	--	--	--	60000	3.5	--	ND	
	6/15/1998	--	--	--	--	--	--	--	--	590000	4.8	--	ND	
	9/30/1998	--	--	--	--	--	--	--	--	33000	ND	--	ND	
	12/28/1998	--	--	--	--	--	--	--	--	83000	7.2	--	ND	
	3/22/1999	--	--	--	--	--	--	--	--	2100	ND	--	0.98	
	6/9/1999	--	--	--	--	--	--	--	--	470	0.20	--	ND	
	9/8/1999	--	--	--	--	--	--	--	--	140	5.59	--	ND	
	12/7/1999	--	--	--	--	--	--	--	--	260	ND	--	ND	
	3/13/2000	--	--	--	--	--	--	--	--	790	0.26	--	ND	
	6/21/2000	--	--	--	--	--	--	--	--	1900	ND	--	ND	
	9/27/2000	--	--	--	--	--	--	--	--	2600	ND	--	ND	
	12/12/2000	--	--	--	--	--	--	--	--	ND	2.7	--	ND	
	3/7/2001	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	6/6/2001	ND	ND	ND	ND	ND	ND	ND	--	470	0.15	--	0.70	
	9/24/2001	<2000	<40000	<100	<100	<100	<100	<100	--	<100	0.58	--	--	

Table 2a

Historic Groundwater Analytical Results (Gasoline Oxygenates)

3200 Lakeshore Avenue, Oakland, CA

76 Station No. 5325

Well ID	Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	1,2-Dibro-moethane (EDB) (µg/l)	1,2-Dichloro-ethane (1,2-DCA) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Acenaph-thylene (µg/l)	Iron Ferrous (µg/l)	Nitrate (mg/l)	Phosphate (ortho) (mg/l)	Phosphate (total) ()	Comments
U-6	12/10/2001	<200	<400	<5.0	<5.0	<5.0	<5.0	<5.0	--	990	0.50	--	2.0	
	3/11/2002	<400	<2000	<8.0	<8.0	<8.0	<8.0	<8.0	--	1200	<0.50	--	0.089	
	6/4/2002	--	--	--	--	--	--	--	--	<100	<0.50	--	<1.0	
	9/3/2002	<2000	<10000	<40	<40	<40	<40	<40	--	<100	0.58	--	1.1	
	12/3/2002	<1000	<5000	<20	<20	<20	<20	<20	--	1200	<1.0	--	2.6	
	3/4/2003	<2000	<10000	<40	<40	<40	<40	<40	--	20000	<1.0	--	<1.0	
	6/18/2003	<2000	<10000	<40	<40	<40	<40	<40	--	3200	<1.0	--	2.0	
	9/24/2003	<20000	<100000	<400	<400	<400	<400	<400	--	1.4	<1.0	--	4.6	
	12/2/2003	--	<10000	--	--	--	--	--	--	1400	--	--	--	
	3/30/2004	770	<1000	<10	<10	<20	<10	<10	--	2600	<1.0	<1.0	--	
	6/7/2004	110	<1000	<10	<10	<20	<10	<10	--	2100	0.8	<0.20	--	
	9/9/2004	1900	<1000	<10	<10	<20	<10	<10	--	870	<1.0	3.8	--	
	12/20/2004	5000	<250	<2.5	<2.5	<5.0	<2.5	<2.5	--	2.5	<1.0	<1.0	--	
	3/28/2005	990	--	<2.5	<0.50	<0.50	<0.50	<0.50	--	3.4	<1.0	<1.0	--	
	6/14/2005	<5.0	<100	<0.5	<0.5	<0.50	<0.50	<0.50	--	4100	3.8	<1.0	--	
	9/28/2005	3800	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	21000	<0.20	3.4	--	
	12/29/2005	1100	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	8300	0.48	<0.050	--	
	3/27/2006	--	<250	--	--	--	--	--	--	8800	0.37	0.19	--	
	6/12/2006	--	<250	--	--	--	--	--	--	8500	0.23	<0.050	--	
	9/21/2006	--	<250	--	--	--	--	--	--	2900	0.19	0.31	--	
	12/21/2006	--	<250	--	--	--	--	--	--	11000	0.36	0.41	--	
	3/28/2007	--	<250	--	--	--	--	--	--	<100	0.55	0.31	--	
	9/26/2007	--	<250	--	--	--	--	--	--	<100	0.41	0.34	--	
	12/27/2007	--	<250	--	--	--	--	--	--	7700	<0.10	1.0	--	
	3/26/2008	--	<250	--	--	--	--	--	--	19000	<0.10	1.2	--	
	6/18/2008	--	<250	--	--	--	--	--	--	2100000	<0.10	0.076	--	
	9/24/2008	--	<250	--	--	--	--	--	--	220000	<0.10	0.28	--	
	12/22/2008	--	<250	--	--	--	--	--	--	290000	<0.10	0.39	--	
	3/26/2009	--	<1200	--	--	--	--	--	--	540000	<0.10	0.28	--	
	6/23/2009	--	<250	--	--	--	--	--	--	12000	0.26	0.68		
	12/4/2009	<5.0	<250	<1.0	<1.0	<0.50	<0.50	<0.50	--	**600**	**352**	**33.7**		

Notes:

TBA: Tertiary butyl alcohol

ETBE: Ethyl tertiary butyl ether

TAME: Tertiary amyl methyl ether

DIPE: Di-isopropyl ether

Analytes tested by EPA Method 8260B

ug/l: micrograms per liter

<: Below the laboratory indicated reporting limit

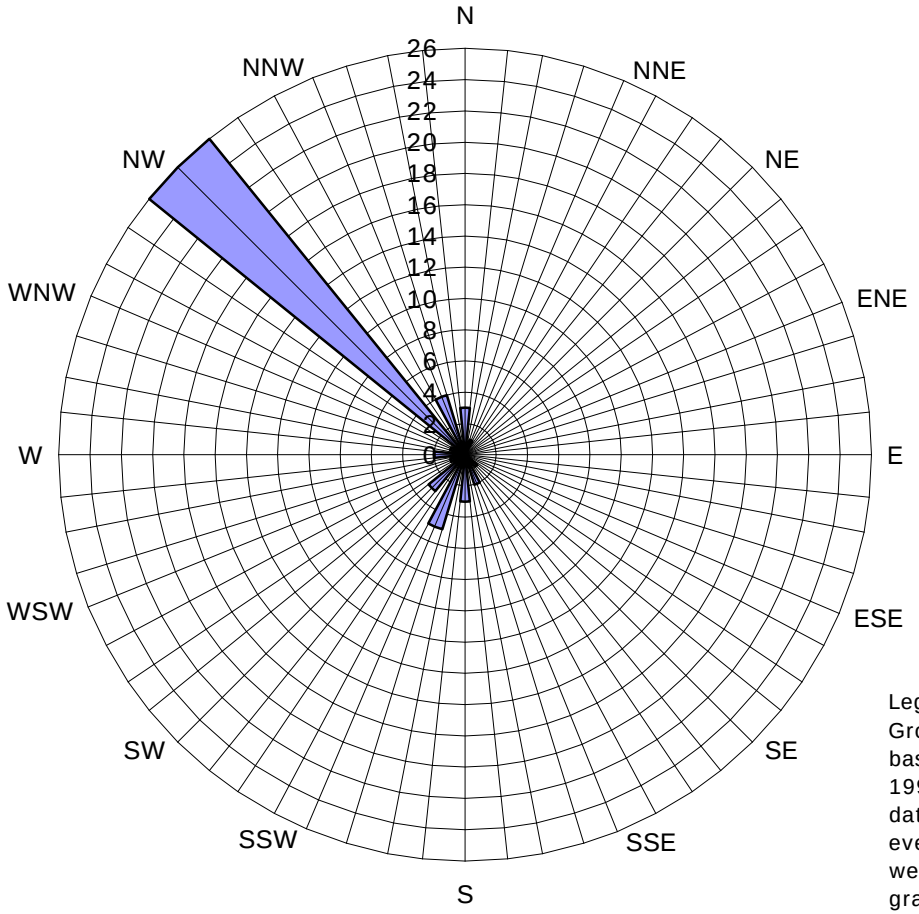
1,2-DCA: 1,2-Dichloroethane

EDB: Dibromoethane

Attachment A

Historical Groundwater Flow Directions

Historic Groundwater Flow Directions
ConocoPhillips Site No. 5325
3220 Lakeshore Avenue
Oakland, California



Legend
Groundwater flow directions are based on data from the Third Quarter 1990 to the Fourth Quarter 2009. 52 data points shown. Several sampling events had groundwater flows which were not consistent and therefore not graphed

Groundwater Flow Direction

Attachment B

Field Data Sheets

COP-ELT Well-Head Inspection & Well Gauging Form

Project No: 255325 **Site Address:** 3200 LAKESHORE AVE. OAKLAND, CA

Field Technician: J.PARKER **Date:** 12/03/09 **Weather:** SUNNY

Well Condition									Gauging Information					
Sample Order	Field Point	Bolts	Seal	Lid Secure	Lock	Expanding Cap	Water in Well Box	Well Casing Dia.	Time	Depth to Water (Feet)	Depth to Bottom (Feet)	Depth to LNAPL (Feet)	LNAPL Thickness (Feet)	Comments
	U-1	G	P	G	G	G	Y	3	1220	7.30	13.11	—	—	
	U-2	G	G	G	G	P	N	3	1215	5.18	19.60	—	—	DTW MEASURED @ TOP OF CASING, NOT @ RUBBER COUPLER.
	U-3	P	P	P	G	G	N	3	1200	11.10	19.22	—	—	
	U-4	G	G	G	G	G	N	4	1205	9.10	19.31	—	—	
	U-5	G	G	G	G	G	N	4	1210	6.02	19.85	—	—	
	U-6	G	G	G	G	G	N	2	1155	5.31	21.40	—	—	

Notes: LOCKS REPLACED @ ALL WELLS. U-2 CASING DAMAGED., U-3 NO BOLTS, 3/3 MISSING.

DELTA

Note: Use G=good and P=poor for well condition

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME COP-ELT @ 3200 LAKESHORE				PROJECT NUMBER 091203-JP2			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI 556	05C1520A1	12/3/09/0805	PH 7/10/4 3100 NTU ORP 244 DO 100%	PH 6.98, 4.03, 4.03 3897 3000 100.3% 100.00	YES	14.77	
HACH 2100P	08030C028731	12/3/09/0805	20/100	21/103	YES	—	
YSI 556	05C1520A1	12/4/09/0805	PH 7, 10, 4 3100 250.5 100%	6.99, 10.01, 3.99 3091 251.6 100%	YES	10.11	
HACH 2100P	08030C028731	↓	20/100	20/104	YES	—	

COP-ELT Groundwater Sampling Form

Site Address:	3200 LAKESHORE Ave. OAKLAND, CA		
Project No:	255325	Field Technician:	J. PARKER
Field Point:	U-1	Date:	12/4/09
Depth to Water (DTW) (ft bgs):	7.30	Well Diameter (in):	2 4 6 8 3"
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	13.11	Water Column Height (ft):	5.81

Purging Info and Calculations:

Purge Method:

Low-Flow
X 3 casing volumes
Other:_____

Purge Equipment:

Disposable Bailer
X Electric Submersible
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:

X Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other:_____

Water Column Height (ft): 5.81 X Conversion Factor (gal/ft): 0.37 = Casing Volume (gal): 2.2

Casing Volume (gal): 2.2 X Specified Volumes: 3 = Calculated Purge (gal): 6.6

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 0957 **Stop Time:** 1003

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge				—		—		
0958	14.42	7.06	1031	-127.6	13	2.47	1.1	
0959	14.73	7.17	1025	-132.4	17	1.82	2.2	
1000	15.22	7.17	1026	-136.4	23	1.49	3.3	
1001	15.34	7.18	1055	-139.4	16	1.39	4.4	
1002	15.43	7.22	1095	-143.7	13	1.20	5.5	
1003	15.51	7.27	1101	-148.5	10	1.24	6.6	
Post-Purge				—		—		

Did Well dewater? Yes (No) Total Purge volume (gal): 6.6

Other Comments: 80% @ 8.46 ; DTW : 7.40 2.7 mg/L FERROUS IRON

Sample Info:

Sample ID:	U-1_20091231	Sample Date and Time:	12/4/09 @ 1235
Selected Analysis:	SEE COC		

Signature: _____ Date: 12/4/09

DELTA Consultants, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

DELTA

COP-ELT Groundwater Sampling Form

Site Address:	3200 LAKESHORE AVE, OAKLAND, CA		
Project No:	255325	Field Technician:	J. PARKER
Field Point:	U-2	Date:	12/4/09
Depth to Water (DTW) (ft bgs):	5.18	Well Diameter (in):	2 4 6 8 3"
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	19.60	Water Column Height (ft):	14.42

Purging Info and Calculations:

Purge Method:

Low-Flow
X 3 casing volumes
Other:_____

Purge Equipment:

Disposable Bailer
X Electric Submersible
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:

X Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other:_____

Water Column Height (ft): 14.42 X Conversion Factor (gal/ft): 0.37 = Casing Volume (gal): 5.3

Casing Volume (gal): 5.3 X Specified Volumes: 3 = Calculated Purge (gal): 15.9

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 0936 **Stop Time:** 0943

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge				—		—		
0938	15.25	7.16	1378	-132.6	15	1.42	2.7	
0939	15.59	7.23	1285	-146.8	19	1.59	5.3	
0940	15.64	7.28	1273	-151.6	20	1.88	8.0	
0941	15.68	7.30	1309	-151.7	23	1.78	10.6	
0942	15.89	7.31	1451	-152.8	16	1.63	13.3	
0943	15.99	7.31	1531	-153.8	10	1.61	15.9	
Post-Purge				—		—		

Did Well dewater? Yes (No) Total Purge volume (gal): 15.9

Other Comments: 80% @ 6.77 ; DTW: 12.98 3.5 mg/L FERROUS IRON

DTW MEASURED TO TOP OF PVC CASING, NOT RUBBER COUPLER

Sample Info:

Sample ID:	U-2_20091231	Sample Date and Time:	12/4/09 @1215
Selected Analysis:	SEE COC		

Signature: _____ Date: 12/4/09

DELTA Consultants, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

DELTA

COP-ELT Groundwater Sampling Form

Site Address:	3200 LAKESHORE AVE. OAKLAND, CA		
Project No:	255325	Field Technician:	J. PARKER
Field Point:	U-3	Date:	12/3/09
Depth to Water (DTW) (ft bgs):	11.10	Well Diameter (in):	2 4 6 8 3"
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	19.22	Water Column Height (ft):	8.12

Purging Info and Calculations:

Purge Method:

Low-Flow
X 3 casing volumes
Other:_____

Purge Equipment:

Disposable Bailer
X Electric Submersible
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:

X Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other:_____

Water Column Height (ft): 8.12 X Conversion Factor (gal/ft): 0.37 = Casing Volume (gal): 3.0

Casing Volume (gal): 3.0 X Specified Volumes: 3 = Calculated Purge (gal): 9.0

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1356 **Stop Time:** 1402

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge				—		—		
1357	18.04	7.03	976	25.1	11	5.51	1.5	
1358	19.10	7.16	981	22.1	8	5.34	3.0	
1359	19.31	7.13	980	23.2	7	5.13	4.5	
1400	19.51	7.13	977	23.2	7	5.26	6.0	
1401	19.61	7.17	973	24.1	7	5.09	7.5	
1402	19.63	7.17	972	24.6	9	5.08	9.0	
Post-Purge				—		—		

Did Well dewater? Yes (No) Total Purge volume (gal): 9.0

Other Comments: 80% @ 12.72 ; DTW: 11.11 0.2 MG/L FERROUS IRON

Sample Info:

Sample ID:	U-3_20091231	Sample Date and Time:	12/3/09 @ 1605
Selected Analysis:	SEE COC		

Signature: _____ Date: 12/3/09

DELTA Consultants, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

DELTA

COP-ELT Groundwater Sampling Form

Site Address:	3200 LAKESHORE AVE. OAKLAND, CA		
Project No:	255325	Field Technician:	J. PARKER
Field Point:	U-4	Date:	12/4/09
Depth to Water (DTW) (ft bgs):	9.10	Well Diameter (in):	2 (4) 6 8 ___
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	19.31	Water Column Height (ft):	10.21

Purging Info and Calculations:

Purge Method:

Low-Flow
X 3 casing volumes
Other:_____

Purge Equipment:

Disposable Bailer
X Electric Submersible
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:

X Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other:_____

Water Column Height (ft): 10.21 X Conversion Factor (gal/ft): 0.66 = Casing Volume (gal): 6.7

Casing Volume (gal): 6.7 X Specified Volumes: 3 = Calculated Purge (gal): 20.1

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 0826 **Stop Time:** 0838

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge				—		—		
0828	15.81	7.29	1117	40.1	6	4.63	3.4	
0830	16.18	7.28	1089	31.4	3	5.87	6.7	
0832	16.47	7.35	1107	21.5	5	5.80	10.0	
0834	16.48	7.45	1116	16.9	4	5.56	13.4	
0836	16.38	7.53	1098	10.2	3	4.69	16.7	
0838	16.34	7.61	1110	9.3	2	4.40	20.1	
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume (gal): 20.1

Other Comments: 80% @ 11.14 ; DTW: 15.10 0.4 mg/L FERROUS IRON

MS/MSD COLLECTED

Sample Info:

Sample ID:	U-4_20091231	Sample Date and Time:	12/4/09 @ 1115
Selected Analysis:	SEE COC		

Signature: _____ Date: 12/4/09

DELTA Consultants, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

DELTA

COP-ELT Groundwater Sampling Form

Site Address:	3200 LAKESHORE AVE. OAKLAND, CA		
Project No:	255325	Field Technician:	J. PARKER
Field Point:	U-5	Date:	12/4/09
Depth to Water (DTW) (ft bgs):	6.02	Well Diameter (in):	2 (4) 6 8 ___
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	19.85	Water Column Height (ft):	13.83

Purging Info and Calculations:

Purge Method:

Low-Flow
X 3 casing volumes
Other:_____

Purge Equipment:

Disposable Bailer
X Electric Submersible
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:

X Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other:_____

Water Column Height (ft): 13.83 X Conversion Factor (gal/ft): 0.66 = Casing Volume (gal): 9.1

Casing Volume (gal): 9.1 X Specified Volumes: 3 = Calculated Purge (gal): 27.3

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 0902 **Stop Time:** 0920

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge				—		—		
0905	15.26	7.15	563	-153.6	70	2.94	4.6	
0908	15.28	7.26	467	-150.1	22	2.71	9.1	
0911	15.41	7.32	672	-162.7	11	2.71	13.6	
0914	15.56	7.40	868	-171.2	7	2.92	18.2	
0917	15.57	7.43	973	-173.3	9	2.62	22.7	
0920	15.51	7.48	1004	-171.6	10	2.49	27.3	
Post-Purge				—		—		

Did Well dewater? Yes (No) Total Purge volume (gal): 27.3

Other Comments: 80% @ 8.79; DTW @ 7.46 40 MG/L FERROUS IRON

Sample Info:

Sample ID:	U-5_20091231	Sample Date and Time:	12/4/09 @ 11:55
Selected Analysis:	SEE COC		

Signature: _____ Date: 12/4/09

DELTA Consultants, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

DELTA

COP-ELT Groundwater Sampling Form

Site Address:	3200 LAKESHORE AVE. OAKLAND CA		
Project No:	255325	Field Technician:	J. PARKER
Field Point:	U-6	Date:	12/3/09
Depth to Water (DTW) (ft bgs):	5.31	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	21.40	Water Column Height (ft):	16.09

Purging Info and Calculations:

Purge Method:

Low-Flow
X 3 casing volumes
Other:_____

Purge Equipment:

Disposable Bailer
X Electric Submersible
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:

X Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other:_____

Water Column Height (ft): 16.09 X Conversion Factor (gal/ft): 0.17 = Casing Volume (gal): 2.7

Casing Volume (gal): 2.7 X Specified Volumes: 3 = Calculated Purge (gal): 8.1

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1309 **Stop Time:** 1315

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge				—		—		
1309	15.81	6.57	159	152.7	>1000	1.65	1.4	
1309	17.31	6.57	506	-28.4	504	1.10	2.7	
1310	17.49	6.64	302	-24.1	255	0.99	4.1	
1310	17.84	6.59	175	3.5	>1000	1.04	5.4	
1311	17.95	6.51	162	-0.9	>1000	0.89	6.8	
1311	18.01	6.49	163	-17.9	>1000	0.67	8.1	
1312	18.17	6.42	172	-54.0	>1000	0.62	9.5	
1312	18.25	6.45	169	-62.6	>1000	0.74	10.8	
Post-Purge				—		—		

Did Well dewater? Yes (No) Total Purge volume (gal): 15.9

Other Comments: 80% @ 8.53 ; DTW: 5.62 0.6 MG/L FERROUS IRON

Sample Info:

Sample ID:	U-6_20091231	Sample Date and Time:	12/3/09 @1515
Selected Analysis:	SEE COC		

Signature: _____ Date: 12/3/09

DELTA Consultants, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

DELTA

COP-ELT Groundwater Sampling Form

Site Address:	3200 LAKESHORE AVE. OAKLAND CA		
Project No:	255325	Field Technician:	J. PARKER
Field Point:	U-6	Date:	12/3/09
Depth to Water (DTW) (ft bgs):	5.31	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	21.40	Water Column Height (ft):	16.09

Purging Info and Calculations:

Purge Method:

Low-Flow
X 3 casing volumes
Other:_____

Purge Equipment:

Disposable Bailer
X Electric Submersible
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:

X Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other:_____

Water Column Height (ft): 16.09 X Conversion Factor (gal/ft): 0.17 = Casing Volume (gal): 2.7

Casing Volume (gal): 2.7 X Specified Volumes: 3 = Calculated Purge (gal): 8.1

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1309 **Stop Time:** 1315

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge				—		—		
1313	17.94	6.57	160	-22.7	100	0.90	11.7	
1313	18.19	6.60	162	-9.6	100	1.80	12.5	
1314	18.22	6.60	169	6.8	99	1.94	13.4	
1314	18.29	6.61	182	26.7	106	2.44	14.2	
1315	18.28	6.62	185	31.4	120	2.47	15.1	
1315	18.19	6.62	185	32.8	133	2.50	15.9	
Post-Purge				—		—		

Did Well dewater? Yes (No) Total Purge volume (gal): 15.9

Other Comments: 80% @ 8:53; DTW: 5.62 0.6 MG/L FERROUS IRON

Sample Info:

Sample ID:	U-6_20091231	Sample Date and Time:	12/3/09 @1515
Selected Analysis:	SEE COC		

Signature: _____ Date: 12/3/09

DELTA Consultants, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

DELTA

Attachment C

Pace Laboratory's Analytical Report
dated December 17 and December 22, 2009

COP ELT CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

Page: 1 of 1
Cooler # ____ of ____

DELTA

COPY

Required Lab Information:

Lab Name:	Pace-Seattle
Address:	
	940 S. Harney Street Seattle WA 98108
Lab PM:	Regina Ste. Marie
Phone/Fax:	P: 206-957-2433 F: 206-767-5063
Lab PM email	Regina.SteMarie@pacelabs.com
Applicable Lab Quote #:	

Required Project Information:

Site ID #:	255325	Task:	WG_S_200912
Delta project #			
Site Address	3200 LAKESHORE AVE		
City	OAKLAND	State	CA 94610
Delta PM Name	Tony Perini		
Phone/Fax:	P: 1-800-477-7411 F: 408-225-8506		
Delta PM Email:	tperini@deltaenv.com		

Required Invoice Information:

Send Invoice to	David Sowle		
Address:	11050 White Rock Road, Suite 110		
City/State	Rancho Cordova CA 95670	Phone #:	1-800-477-7411
Reimbursement project?		Non-reimbursement project?	Y
Send EDD to	copeltdata@intelligentehs.com		
CC Hardcopy report to			
CC Hardcopy report to			

Turn around time (days)	10
QC level Required: Standard	Special — Mark one
NJ Reduced Deliverable Package?	
MA MCP Cert?	CT RCP Cert? — Mark One
Lab Project ID (lab use)	

Valid Matrix Codes

MATRIX		MATRIX	
DRINKING WATER	WP	WATER	W
GROUND WATER	WG	SURFACE WATER	WS
WASTE WATER	WW	WATER QC	WQ
FREE PRODUCT	LF	SLUDGE	SL
SOIL	SO	RINSEATE	WH
OIL	OL	OTHER	OT
WIPE	SW	ANIMAL TISSUE	TA
AMBIENT AIR	AA		
SVE AIR	AE		
SOIL GAS	GS		

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	#OF CONTAINERS	FIELD FILTERED? (Y/N)	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analyses: 353.2NitrateN	365.3OrthoPhosphate	6010IronTotal	8260 GC/MS GRO	8260BtexMtbe	8260BtexMTBE7OxyCA	8260Ethanol	SM4500Ferricion	Comments/Lab Sample I.D.
1	U-1_20091231	WG	G	12/4/09	1235			2	1	1	6					X	X	X	X	X	X	X	X	
2	U-2_20091231	WG	G	12/4/09	1215			2	1	1	6					X	X	X	X	X	X	X	X	
3	~~U-3_20091231~~ (2)	WG														X	X	X	X	X	X	X	X	
4	U-4_20091231	WG	G	12/4/09	1115	14		2	1	1	10					X	X	X	X	X	X	X	X	MS/MSD TAKEN
5	U-5_20091231	WG	G	12/4/09	1155	10		2	1	1	6					X	X	X	X	X	X	X	X	
6	~~U-6_20091231~~	WG														X	X	X	X	X	X	X	X	
7	~~TB1_20091231~~ TB2_20091231	W	G	12/4/09	0800	4	N				4								X	X	X	X		ON HOLD
8																								
9																								
10																								
11																								
12																								

Additional Comments/Special Instructions:

GLOBAL ID: T0600101463

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
DTS	12/4/09	1400	DTS	12/4/09	1400

Sample Receipt Conditions

	Y / N	Y / N	Y / N
	Y / N	Y / N	Y / N
	Y / N	Y / N	Y / N
	Y / N	Y / N	Y / N

Temp in °C	Samples on Ice?	Sample intact?	Trip Blank?

SHIPPING METHOD: (mark as appropriate) UPS COURIER (FEDEX) US MAIL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: J.PARKER

SIGNATURE of SAMPLER:

DATE Signed: 12/4/09 Time: 1400

Final 11/13/06. AMTel

Inogen

DELTA

COP ELT CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

COPY

Required Lab Information:

Lab Name:	Pace-Seattle
Address:	940 S. Harney Street Seattle WA 98108
Lab PM:	Regina Ste. Marie
Phone/Fax:	P: 206-957-2433 F: 206-767-5063
Lab PM email	Regina.SteMarie@pacelabs.com
Applicable Lab Quote #:	

Required Project Information:

Site ID #:	255325	Task:	WG_S_200912
Delta project #			
Site Address	3200 LAKESHORE AVE		
City	OAKLAND	State	CA 94610
Delta PM Name	Tony Perini		
Phone/Fax:	P: 1-800-477-7411 F: 408-225-8506		
Delta PM Email:	tperini@deltaenv.com		

Required Invoice Information:

Send Invoice to:	David Sowle		
Address:	11050 White Rock Road, Suite 110		
City/State	Rancho Cordova CA 95670	Phone #:	1-800-477-7411
Reimbursement project?		Non-reimbursement project?	Y (Mark one)
Send EDD to	copeltdata@intelligentehs.com		
CC Hardcopy report to			
CC Hardcopy report to			

Turn around time (days)	10
QC level Required: Standard	Special — Mark one
NJ Reduced Deliverable Package?	
MA MCP Cert?	CT RCP Cert? — Mark One
Lab Project ID (lab use)	

Valid Matrix Codes

MATRIX		MATRIX	
DRINKING WATER	WP	WATER	W
GROUND WATER	WG	SURFACE WATER	WS
WASTE WATER	WW	WATER DC	WQ
FREE PRODUCT	LF	SLUDGE	SL
SOIL	SO	RINSEATE	WH
OIL	OL	OTHER	OT
WIPE	SW	ANIMAL TISSUE	TA
AMBIENT AIR	AA		
SVE AIR	AE		
SOIL GAS	GS		

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	#OF CONTAINERS	FIELD FILTERED? (Y/N)	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analyses: 353.2NitrateN	365.3OrthoPhosphate	6010IronTotal	8260 GC/MS GRO	8260BtexMtbe	8260BtexMTBETOxyCA	8260Ethanol	SM3500FerricIron	Comments/Lab Sample I.D.
1	~~U-1_20091231~~	WG														X	X	X	X	X	X	X	X	
2	~~U-2_20091231~~	WG														X	X	X	X	X	X	X	X	
3	U-3_20091231	WG	G	12/3/07	1605	10		2	1	1	6					X	X	X	X	X	X	X	X	
4	~~U-4_20091231~~	WG														X	X	X	X	X	X	X	X	
5	~~U-5_20091231~~	WG				1										X	X	X	X	X	X	X	X	
6	U-6_20091231	WG	G	12/3/07	1515	10		2	1	1	6					X	X	X	X	X	X	X	X	
7	TB1_20091231	W	G	12/3/07	1500	4													X	X	X	X		ON HOLD
8																								
9																								
10																								
11																								
12																								

Additional Comments/Special Instructions:

GLOBAL ID: T0600101463

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	12/3	1900	SHIPPED VIA FEDEX		

Sample Receipt Conditions

	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
Temp in °C	Samples on Ice?	Sample intact?	Trip Blank?

SHIPPING METHOD: (mark as appropriate)

UPS COURIER FEDEX

US MAIL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: J PARKER

SIGNATURE of SAMPLER:

DATE Signed 12/3 Time: 1900

Inogen

S . or Purge Water Drum Lo

Client: Delta

Site Address: 3200 Lakeshore Ave. Oakland

STATUS OF DRUM(S) UPON ARRIVAL

Date	12/3/09	12/4/09				
Number of drum(s) empty:	—	—				
Number of drum(s) 1/4 full:	—	—				
Number of drum(s) 1/2 full:	—	1				
Number of drum(s) 3/4 full:	—	—				
Number of drum(s) full:	—	—				
Total drum(s) on site:	—	1				
Are the drum(s) properly labeled?	—	Y				
Drum ID & Contents:	—	Non Haz Purgewater				
If any drum(s) are partially or totally filled, what is the first use date:	—	12/3/09				

- If you add any SPH to an empty or partially filled drum, drum must have at least 20 gals. of Purgewater or DI Water.

-If drum contains SPH, the drum MUST be steel AND labeled with the appropriate label.

-All BTS drums MUST be labeled appropriately.

STATUS OF DRUM(S) UPON DEPARTURE

Date	12/3/09	12/4/09				
Number of drums empty:		—				
Number of drum(s) 1/4 full:		—				
Number of drum(s) 1/2 full:	1	1				
Number of drum(s) 3/4 full:		—				
Number of drum(s) full:		1				
Total drum(s) on site:		2				
Are the drum(s) properly labeled?	Y	Y				
Drum ID & Contents:	Non Haz Purgewater	Non Haz Purgewater				

LOCATION OF DRUM(S)

Describe location of drum(s): Behind station near well U-4

FINAL STATUS

Number of new drum(s) left on site this event	1	1				
Date of inspection:	12/3/09	12/4/09				
Drum(s) labelled properly:	Y	Y				
Logged by BTS Field Tech:	JP	JP				
Office reviewed by:	MDW					

Sample Condition Upon Receipt

Pace Analytical

Client Name: Delta

Project # 252409

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Optional
Proj. Due Date:
Proj. Name:

Tracking #: 8704 9477 8260

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals Intact: ☑ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ None ☐ Other _____

Thermometer Used: Horiba 132013 Type of Ice: (Wet) Blue None ☐ Samples on Ice, cooling process has begun

Cooler Temperature: 3.2 Biological Tissue Is Frozen: Yes No

Date and Initials of person examining contents: KSM 12/04/09

Temp should be above freezing to 6°C

Comments:

Chain of Custody Present:	☑Yes	☐No	☐N/A
Chain of Custody Filled Out:	☑Yes	☐No	☐N/A
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A
Short Hold Time Analysis (<72hr):	☑Yes	☐No	☐N/A
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A
Sufficient Volume:	☑Yes	☐No	☐N/A
Correct Containers Used:	☑Yes	☐No	☐N/A
-Pace Containers Used:	☑Yes	☐No	☐N/A
Containers Intact:	☑Yes	☐No	☐N/A
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A
Sample Labels match COC:	☑Yes	☐No	☐N/A
-Includes date/time/ID/Analysis Matrix:			
All containers needing preservation have been checked.	☑Yes	☐No	☐N/A
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes	☐No	☐N/A
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☑Yes	☐No	
Samples checked for dechlorination:	☐Yes	☐No	☐N/A
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A
Trip Blank Present:	☑Yes	☐No	☐N/A
Trip Blank Custody Seals Present	☐Yes	☐No	☐N/A
Pace Trip Blank Lot # (if purchased):			

1.
2.
3.
4.
5.
6. NO2 & Ortho PhoS
7.
8.
9.
10.
11.
12.
13.

Initial when completed	Lot # of added preservative

14.
15.
16.

Field Data Required? Y / N

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: _____

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

December 21, 2009

Tony Perini
ELT_Delta Consultants San Jose
312 Percy Rd.
San Jose, CA 95138

RE: Project: 255325 3200 Lakeshore Dr.
Pace Project No.: 252609

Dear Tony Perini:
Enclosed are the analytical results for sample(s) received by the laboratory on December 04, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Revised Report - Ferrous Fe results changed to ug/L.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Regina SteMarie

regina.stemarie@pacelabs.com
Project Manager

Enclosures

cc: Tara Bosch, ELT_Delta Consultants Sacramento
Dennis Dettloff, ELT_Delta Consultants Sacramen
Jonathon Fillingame, ELT_Delta Consultants Sacramento
Meghann Hurt, ELT_Delta Consultants Sacramento
Josh Mahoney, ELT_Delta Consultants San Jose
Don Pinkerton, ELT_Delta Consultants Sacramento
David Sowle, Delta Consultants
Doug Umland, ELT_Delta Consultants San Jose
Ed Weyrens, ELT_Delta Consultants San Jose

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CERTIFICATIONS

Project: 255325 3200 Lakeshore Dr.
Pace Project No.: 252609

Washington Certification IDs

Alaska CS Certification #: UST-025
Alaska Drinking Water VOC Certification #: WA01-09
Alaska Drinking Water Micro Certification #: WA01230
940 South Harney Street Seattle, WA 98108
Florida/NELAP Certification #: E87617
Oregon Certification #: WA200007
Washington Certification #: C1229
California Certification #: 01153CA

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SAMPLE ANALYTE COUNT

Project: 255325 3200 Lakeshore Dr.
Pace Project No.: 252609

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
252609001	**U-3_20091231**	EPA 6010	BGA	1	PASI-S
		EPA 8260	LNH	15	PASI-S
		CA LUFT	LNH	2	PASI-S
		SM 3500-Fe B#4	KMT	1	PASI-S
		SM 3500-Fe B#4	SWW	1	PASI-S
		EPA 353.2	IJF	3	PASI-S
		EPA 365.1	IJF	1	PASI-S
252609002	**U-6_20091231**	EPA 6010	BGA	1	PASI-S
		EPA 8260	LNH	15	PASI-S
		CA LUFT	LNH	2	PASI-S
		SM 3500-Fe B#4	KMT	1	PASI-S
		SM 3500-Fe B#4	SWW	1	PASI-S
		EPA 353.2	IJF	3	PASI-S
		EPA 365.1	IJF	1	PASI-S
252609003	**TB1_20091231**	EPA 8260	LNH	15	PASI-S
		CA LUFT	LNH	2	PASI-S

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(206)767-5060

PROJECT NARRATIVE

Project: 255325 3200 Lakeshore Dr.
Pace Project No.: 252609

Method: **EPA 6010**
Description: 6010 MET ICP
Client: ELT-Delta Consultants
Date: December 21, 2009

General Information:
2 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3010 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: 255325 3200 Lakeshore Dr.
Pace Project No.: 252609

Method: **EPA 8260**
Description: 8260 MSV GRO and Oxygenates
Client: ELT-Delta Consultants
Date: December 21, 2009

General Information:
3 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/1762

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 252597003

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 16993)
  - 1,2-Dibromoethane (EDB)
  - 1,2-Dichloroethane
  - Benzene
  - Diisopropyl ether
  - Ethanol
  - Ethyl-tert-butyl ether
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - Toluene
  - Xylene (Total)
  - tert-Amylmethyl ether
  - tert-Butyl Alcohol
- MSD (Lab ID: 16994)

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PROJECT NARRATIVE

Project: 255325 3200 Lakeshore Dr.
Pace Project No.: 252609

Method: **EPA 8260**
Description: 8260 MSV GRO and Oxygenates
Client: ELT-Delta Consultants
Date: December 21, 2009

QC Batch: MSV/1762

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 252597003

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- Diisopropyl ether
- Ethyl-tert-butyl ether
- Ethylbenzene
- Methyl-tert-butyl ether
- tert-Amylmethyl ether
- tert-Butyl Alcohol

R1: RPD value was outside control limits.

- MSD (Lab ID: 16994)
  - 1,2-Dibromoethane (EDB)
  - 1,2-Dichloroethane
  - Benzene
  - Diisopropyl ether
  - Ethyl-tert-butyl ether
  - Ethylbenzene
  - Methyl-tert-butyl ether
  - Toluene
  - Xylene (Total)
  - tert-Amylmethyl ether
  - tert-Butyl Alcohol

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: MSV/1762

2n: Due to a preparation error, the MS/MSD concentrations were lower than expected.

- MS (Lab ID: 16993)
  - Toluene-d8 (S)
- MSD (Lab ID: 16994)
  - Toluene-d8 (S)

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PROJECT NARRATIVE

Project: 255325 3200 Lakeshore Dr.
Pace Project No.: 252609

Method: **CA LUFT**
Description: CA LUFT MSV GRO
Client: ELT-Delta Consultants
Date: December 21, 2009

General Information:
3 samples were analyzed for CA LUFT. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: 255325 3200 Lakeshore Dr.
Pace Project No.: 252609

Method: **SM 3500-Fe B#4**
Description: Iron, Ferric (Calculation)
Client: ELT-Delta Consultants
Date: December 21, 2009

General Information:
2 samples were analyzed for SM 3500-Fe B#4. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: 255325 3200 Lakeshore Dr.
Pace Project No.: 252609

Method: **SM 3500-Fe B#4**
Description: Iron, Ferrous
Client: ELT-Delta Consultants
Date: December 21, 2009

General Information:
2 samples were analyzed for SM 3500-Fe B#4. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: WET/1654

1n: Data from field test.

- U-3_20091231 (Lab ID: 252609001)
  - Iron, Ferrous
- U-6_20091231 (Lab ID: 252609002)
  - Iron, Ferrous

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PROJECT NARRATIVE

Project: 255325 3200 Lakeshore Dr.
Pace Project No.: 252609

Method: **EPA 353.2**
Description: 353.2 Nitrogen, NO2/NO3 unpres
Client: ELT-Delta Consultants
Date: December 21, 2009

General Information:
2 samples were analyzed for EPA 353.2. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: 255325 3200 Lakeshore Dr.
Pace Project No.: 252609

Method: **EPA 365.1**
Description: 365.1 Orthophosphate as P
Client: ELT-Delta Consultants
Date: December 21, 2009

General Information:
2 samples were analyzed for EPA 365.1. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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(206)767-5060

ANALYTICAL RESULTS

Project: 255325 3200 Lakeshore Dr.
Pace Project No.: 252609

Sample: U-3_20091231 **Lab ID: 252609001** Collected: 12/03/09 16:05 Received: 12/04/09 08:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**447**	ug/L	100	1	12/07/09 09:08	12/07/09 16:02	7439-89-6	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	ug/L	0.50	1		12/07/09 18:51	994-05-8	
Benzene	ND	ug/L	0.50	1		12/07/09 18:51	71-43-2	
tert-Butyl Alcohol	ND	ug/L	5.0	1		12/07/09 18:51	75-65-0	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/07/09 18:51	106-93-4	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/07/09 18:51	107-06-2	
Diisopropyl ether	ND	ug/L	0.50	1		12/07/09 18:51	108-20-3	
Ethanol	ND	ug/L	250	1		12/07/09 18:51	64-17-5	
Ethylbenzene	ND	ug/L	0.50	1		12/07/09 18:51	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		12/07/09 18:51	637-92-3	
Methyl-tert-butyl ether	**1.2**	ug/L	0.50	1		12/07/09 18:51	1634-04-4	
Toluene	ND	ug/L	0.50	1		12/07/09 18:51	108-88-3	
Xylene (Total)	ND	ug/L	1.5	1		12/07/09 18:51	1330-20-7	
Toluene-d8 (S)	104	%	80-123	1		12/07/09 18:51	2037-26-5	
4-Bromofluorobenzene (S)	94	%	80-120	1		12/07/09 18:51	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	80-124	1		12/07/09 18:51	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	ug/L	50.0	1		12/07/09 18:51		
4-Bromofluorobenzene (S)	94	%	82-116	1		12/07/09 18:51	460-00-4	
Iron, Ferric (Calculation)	Analytical Method: SM 3500-Fe B#4							
Iron, Ferric	**247**	ug/L	100	1		12/03/09 16:05	7439-89-6	
Iron, Ferrous	Analytical Method: SM 3500-Fe B#4							
Iron, Ferrous	**200**	ug/L	100	1		12/03/09 16:05		1n
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	**4940**	ug/L	250	5		12/09/09 11:17		
Nitrogen, Nitrite	ND	ug/L	50.0	1		12/05/09 12:58		
Nitrogen, NO2 plus NO3	**4960**	ug/L	250	5		12/09/09 11:17		
365.1 Orthophosphate as P	Analytical Method: EPA 365.1							
Orthophosphate as P	**234**	ug/L	5.0	1		12/05/09 13:30		

Sample: U-6_20091231 **Lab ID: 252609002** Collected: 12/03/09 15:15 Received: 12/04/09 08:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**2080**	ug/L	100	1	12/07/09 09:08	12/07/09 16:05	7439-89-6	

Pace Analytical Services, Inc.
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(206)767-5060

ANALYTICAL RESULTS

Project: 255325 3200 Lakeshore Dr.
Pace Project No.: 252609

Sample: U-6_20091231 **Lab ID: 252609002** Collected: 12/03/09 15:15 Received: 12/04/09 08:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	ug/L	0.50	1		12/07/09 19:13	994-05-8	
Benzene	ND	ug/L	0.50	1		12/07/09 19:13	71-43-2	
tert-Butyl Alcohol	ND	ug/L	5.0	1		12/07/09 19:13	75-65-0	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/07/09 19:13	106-93-4	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/07/09 19:13	107-06-2	
Diisopropyl ether	ND	ug/L	0.50	1		12/07/09 19:13	108-20-3	
Ethanol	ND	ug/L	250	1		12/07/09 19:13	64-17-5	
Ethylbenzene	ND	ug/L	0.50	1		12/07/09 19:13	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		12/07/09 19:13	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		12/07/09 19:13	1634-04-4	
Toluene	ND	ug/L	0.50	1		12/07/09 19:13	108-88-3	
Xylene (Total)	ND	ug/L	1.5	1		12/07/09 19:13	1330-20-7	
Toluene-d8 (S)	106	%	80-123	1		12/07/09 19:13	2037-26-5	
4-Bromofluorobenzene (S)	93	%	80-120	1		12/07/09 19:13	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	80-124	1		12/07/09 19:13	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	ug/L	50.0	1		12/07/09 19:13		
4-Bromofluorobenzene (S)	93	%	82-116	1		12/07/09 19:13	460-00-4	
Iron, Ferric (Calculation)	Analytical Method: SM 3500-Fe B#4							
Iron, Ferric	**1480**	ug/L	100	1		12/03/09 15:15	7439-89-6	
Iron, Ferrous	Analytical Method: SM 3500-Fe B#4							
Iron, Ferrous	**600**	ug/L	100	1		12/03/09 15:15		1n
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	**352**	ug/L	50.0	1		12/09/09 11:02		
Nitrogen, Nitrite	ND	ug/L	50.0	1		12/05/09 12:58		
Nitrogen, NO2 plus NO3	**361**	ug/L	50.0	1		12/09/09 11:02		
365.1 Orthophosphate as P	Analytical Method: EPA 365.1							
Orthophosphate as P	**33.7**	ug/L	5.0	1		12/05/09 13:30		

Sample: TB1_20091231 **Lab ID: 252609003** Collected: 12/03/09 15:00 Received: 12/04/09 08:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	ug/L	0.50	1		12/07/09 14:44	994-05-8	
Benzene	ND	ug/L	0.50	1		12/07/09 14:44	71-43-2	
tert-Butyl Alcohol	ND	ug/L	5.0	1		12/07/09 14:44	75-65-0	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/07/09 14:44	106-93-4	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/07/09 14:44	107-06-2	
Diisopropyl ether	ND	ug/L	0.50	1		12/07/09 14:44	108-20-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: 255325 3200 Lakeshore Dr.
Pace Project No.: 252609

Sample: TB1_20091231 **Lab ID: 252609003** Collected: 12/03/09 15:00 Received: 12/04/09 08:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Ethanol	ND	ug/L	250	1		12/07/09 14:44	64-17-5	
Ethylbenzene	ND	ug/L	0.50	1		12/07/09 14:44	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		12/07/09 14:44	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		12/07/09 14:44	1634-04-4	
Toluene	ND	ug/L	0.50	1		12/07/09 14:44	108-88-3	
Xylene (Total)	ND	ug/L	1.5	1		12/07/09 14:44	1330-20-7	
Toluene-d8 (S)	106	%	80-123	1		12/07/09 14:44	2037-26-5	
4-Bromofluorobenzene (S)	97	%	80-120	1		12/07/09 14:44	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	80-124	1		12/07/09 14:44	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	ug/L	50.0	1		12/07/09 14:44		
4-Bromofluorobenzene (S)	97	%	82-116	1		12/07/09 14:44	460-00-4	

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QUALITY CONTROL DATA

Project: 255325 3200 Lakeshore Dr.
Pace Project No.: 252609

QC Batch: MPRP/1375 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 252609001, 252609002

METHOD BLANK: 16964 Matrix: Water
Associated Lab Samples: 252609001, 252609002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	ND	100	12/07/09 15:57	

LABORATORY CONTROL SAMPLE: 16965

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	10000	10600	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 16966 16967

Parameter	Units	252617003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Iron	ug/L	109	10000	10000	10700	10600	106	105	75-125	.9	

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QUALITY CONTROL DATA

Project: 255325 3200 Lakeshore Dr.
Pace Project No.: 252609

QC Batch: MSV/1762 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV MO GRO Oxygenates
Associated Lab Samples: 252609001, 252609002, 252609003

METHOD BLANK: 16991 Matrix: Water
Associated Lab Samples: 252609001, 252609002, 252609003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	12/07/09 13:59	
1,2-Dichloroethane	ug/L	ND	1.0	12/07/09 13:59	
Benzene	ug/L	ND	0.50	12/07/09 13:59	
Diisopropyl ether	ug/L	ND	0.50	12/07/09 13:59	
Ethanol	ug/L	ND	250	12/07/09 13:59	
Ethyl-tert-butyl ether	ug/L	ND	0.50	12/07/09 13:59	
Ethylbenzene	ug/L	ND	0.50	12/07/09 13:59	
Methyl-tert-butyl ether	ug/L	ND	0.50	12/07/09 13:59	
tert-Amylmethyl ether	ug/L	ND	0.50	12/07/09 13:59	
tert-Butyl Alcohol	ug/L	ND	5.0	12/07/09 13:59	
Toluene	ug/L	ND	0.50	12/07/09 13:59	
Xylene (Total)	ug/L	ND	1.5	12/07/09 13:59	
1,2-Dichloroethane-d4 (S)	%	109	80-124	12/07/09 13:59	
4-Bromofluorobenzene (S)	%	94	80-120	12/07/09 13:59	
Toluene-d8 (S)	%	106	80-123	12/07/09 13:59	

LABORATORY CONTROL SAMPLE: 16992

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	20	20.1	101	60-140	
1,2-Dichloroethane	ug/L	20	21.6	108	73-127	
Benzene	ug/L	20	21.4	107	75-124	
Diisopropyl ether	ug/L	20	20.2	101	69-130	
Ethanol	ug/L	400	469	117	60-140	
Ethyl-tert-butyl ether	ug/L	20	19.9	99	67-131	
Ethylbenzene	ug/L	20	20.6	103	76-124	
Methyl-tert-butyl ether	ug/L	20	20.0	100	72-130	
tert-Amylmethyl ether	ug/L	20	19.8	99	67-132	
tert-Butyl Alcohol	ug/L	200	100	50	36-164	
Toluene	ug/L	20	20.8	104	75-124	
Xylene (Total)	ug/L	60	65.0	108	76-123	
1,2-Dichloroethane-d4 (S)	%			107	80-124	
4-Bromofluorobenzene (S)	%			96	80-120	
Toluene-d8 (S)	%			104	80-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 16993 16994

Parameter	Units	252597003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	ND	10	10	4.4	6.7	44	67	60-140	43	M0,R1

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QUALITY CONTROL DATA

Project: 255325 3200 Lakeshore Dr.
Pace Project No.: 252609

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 16993 16994

Parameter	Units	252597003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2-Dichloroethane	ug/L	ND	10	10	4.9	7.9	49	79	73-127	46	M0,R1
Benzene	ug/L	ND	10	10	4.9	7.7	49	77	75-124	45	M0,R1
Diisopropyl ether	ug/L	ND	10	10	4.3	6.8	43	68	69-130	46	M0,R1
Ethanol	ug/L	ND	200	200	81.4J	170J	41	85	60-140		M0
Ethyl-tert-butyl ether	ug/L	ND	10	10	4.0	6.4	40	64	67-131	45	M0,R1
Ethylbenzene	ug/L	ND	10	10	4.6	7.3	46	73	76-124	45	M0,R1
Methyl-tert-butyl ether	ug/L	ND	10	10	4.2	6.5	42	65	72-130	43	M0,R1
tert-Amylmethyl ether	ug/L	ND	10	10	4.0	6.4	40	64	67-132	46	M0,R1
tert-Butyl Alcohol	ug/L	ND	100	100	19.3	32.1	19	32	36-164	50	M0,R1
Toluene	ug/L	ND	10	10	4.9	7.6	49	76	75-124	44	M0,R1
Xylene (Total)	ug/L	ND	30	30	14.5	23.0	48	77	76-123	45	M0,R1
1,2-Dichloroethane-d4 (S)	%						109	107	80-124		
4-Bromofluorobenzene (S)	%						97	96	80-120		
Toluene-d8 (S)	%						106	106	80-123		2n

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QUALITY CONTROL DATA

Project: 255325 3200 Lakeshore Dr.
Pace Project No.: 252609

QC Batch: MSV/1763 Analysis Method: CA LUFT
QC Batch Method: CA LUFT Analysis Description: CA LUFT MSV GRO
Associated Lab Samples: 252609001, 252609002, 252609003

METHOD BLANK: 16997 Matrix: Water
Associated Lab Samples: 252609001, 252609002, 252609003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-Gasoline (C05-C12)	ug/L	ND	50.0	12/07/09 13:59	
4-Bromofluorobenzene (S)	%	94	82-116	12/07/09 13:59	

LABORATORY CONTROL SAMPLE: 16998

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-Gasoline (C05-C12)	ug/L	500	585	117	60-140	
4-Bromofluorobenzene (S)	%			94	82-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 16999 17000

Parameter	Units	252597003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
TPH-Gasoline (C05-C12)	ug/L	ND	500	500	437	473	86	94	60-140	8	
4-Bromofluorobenzene (S)	%						97	96	82-116		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 17001 17002

Parameter	Units	252617003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
TPH-Gasoline (C05-C12)	ug/L	ND	500	500	405	458	75	85	60-140	12	
4-Bromofluorobenzene (S)	%						94	92	82-116		

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QUALITY CONTROL DATA

Project: 255325 3200 Lakeshore Dr.
Pace Project No.: 252609

QC Batch: WETA/1312
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples: 252609001, 252609002

METHOD BLANK: 16944 Matrix: Water
Associated Lab Samples: 252609001, 252609002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Nitrite	ug/L	ND	50.0	12/05/09 12:58	
Nitrogen, NO2 plus NO3	ug/L	ND	50.0	12/09/09 10:56	

LABORATORY CONTROL SAMPLE: 16945

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrite	ug/L		52.5			
Nitrogen, NO2 plus NO3	ug/L	1000	983	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 16946 16947

Parameter	Units	252617003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Nitrogen, Nitrite	ug/L	ND			52.6	53.4				2	
Nitrogen, NO2 plus NO3	ug/L	4320	5000	5000	9580	9590	105	106	90-110	.2	

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QUALITY CONTROL DATA

Project: 255325 3200 Lakeshore Dr.
Pace Project No.: 252609

QC Batch: WETA/1313 Analysis Method: EPA 365.1
QC Batch Method: EPA 365.1 Analysis Description: 365.1 Orthophosphate as P
Associated Lab Samples: 252609001, 252609002

METHOD BLANK: 16948 Matrix: Water
Associated Lab Samples: 252609001, 252609002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Orthophosphate as P	ug/L	ND	5.0	12/05/09 13:30	

LABORATORY CONTROL SAMPLE: 16949

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Orthophosphate as P	ug/L	100	101	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 16950 16951

Parameter	Units	252617003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Orthophosphate as P	ug/L	130	100	100	222	222	92	92	80-112	.3	

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(206)767-5060

QUALIFIERS

Project: 255325 3200 Lakeshore Dr.
Pace Project No.: 252609

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-S	Pace Analytical Services - Seattle

ANALYTE QUALIFIERS

1n	Data from field test.
2n	Due to a preparation error, the MS/MSD concentrations were lower than expected.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
R1	RPD value was outside control limits.

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 255325 3200 Lakeshore Dr.
Pace Project No.: 252609

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
252609001	**U-3_20091231**	EPA 3010	MPRP/1375	EPA 6010	ICP/1295
252609002	**U-6_20091231**	EPA 3010	MPRP/1375	EPA 6010	ICP/1295
252609001	**U-3_20091231**	EPA 8260	MSV/1762		
252609002	**U-6_20091231**	EPA 8260	MSV/1762		
252609003	**TB1_20091231**	EPA 8260	MSV/1762		
252609001	**U-3_20091231**	CA LUFT	MSV/1763		
252609002	**U-6_20091231**	CA LUFT	MSV/1763		
252609003	**TB1_20091231**	CA LUFT	MSV/1763		
252609001	**U-3_20091231**	SM 3500-Fe B#4	WET/1652		
252609002	**U-6_20091231**	SM 3500-Fe B#4	WET/1652		
252609001	**U-3_20091231**	SM 3500-Fe B#4	WET/1654		
252609002	**U-6_20091231**	SM 3500-Fe B#4	WET/1654		
252609001	**U-3_20091231**	EPA 353.2	WETA/1312		
252609002	**U-6_20091231**	EPA 353.2	WETA/1312		
252609001	**U-3_20091231**	EPA 365.1	WETA/1313		
252609002	**U-6_20091231**	EPA 365.1	WETA/1313		

Sample Condition Upon Receipt

Pace Analytical

Client Name: Delta

Project # 252617

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Optional
Proj. Due Date:
Proj. Name:

Tracking #: 870494778271

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals Intact: ☑ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used: Horiba 132013 Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature: 1.3 Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: AJB 12/5/09 0920

Temp should be above freezing to 6°C

Comments:

Chain of Custody Present:	☑Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☑Yes	☐No	☐N/A	2.
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	5.
Short Hold Time Analysis (<72hr):	☑Yes	☐No	☐N/A	6. OP, NO3
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A	7.
Sufficient Volume:	☑Yes	☐No	☐N/A	8.
Correct Containers Used:	☑Yes	☐No	☐N/A	9.
-Pace Containers Used:	☑Yes	☐No	☐N/A	
Containers Intact:	☑Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11.
Sample Labels match COC:	☑Yes	☐No	☐N/A	12.
-Includes date/time/ID/Analysis Matrix: H2O				
All containers needing preservation have been checked.	☑Yes	☐No	☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes	☐No	☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☑Yes	☐No		Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes	☐No	☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A	15.
Trip Blank Present:	☑Yes	☐No	☐N/A	16.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	
Pace Trip Blank Lot # (if purchased):				

Field Data Required? Y / N

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: _____

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

20091231 255325 WG_S_200912 SO

COP ELT CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

Page: 1 of 1
Cooler # ___ of ___

DELTA

Required Lab Information:		Required Project Information:				Required Invoice Information:					
Lab Name:	Pace-Seattle	Site ID #:	255325	Task:	WG_S_200912	Send Invoice to:	David Sowle				
Address:		Delta project #				Address:	11050 White Rock Road, Suite 110			Turn around time (days)	10
940 S. Harney Street Seattle WA 98108		Site Address	3200 LAKESHORE AVE			City/State	Rancho Cordova CA 95670	Phone #:	1-800-477-7411	QC level Required: Standard	Special / Mark one
Lab PM:	Regina Ste. Marie	City	OAKLAND	State	CA 94610	Reimbursement project?		Non-reimbursement project?	Y / Mark one	NJ Reduced Deliverable Package?	
Phone/Fax:	P: 206-957-2433 F: 206-767-5063	Delta PM Name	Tony Perini			Send EDD to	copeltdata@intelligentehs.com			MA MCP Cert?	CT RCP Cert? / Mark One
Lab PM email	Regina.SteMarie@pacelabs.com	Phone/Fax:	P: 1-800-477-7411 F: 408-225-8506			CC Hardcopy report to				Lab Project ID (lab use)	
Applicable Lab Quote #:		Delta PM Email:	tperini@deltaenv.com			CC Hardcopy report to				Requested Analyses	

Valid Matrix Codes: MATRIX — DRINKING WATER WP; GROUND WATER WG; WASTE WATER WW; FREE PRODUCT NAPL; SOIL SO; GAS GA; WIPE SW; AMBIENT AIR AA; SVE AIR SA; SOIL GAS GS; WATER; SURFACE WATER SW; WATER QC; SLUDGE; RINSEATE; OTHER; ANIMAL TISSUE TA

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	# OF CONTAINERS	FIELD FILTERED? (Y/N)	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	353.2Nitrate/N	365.3Ortho Phosphate	6010Iron Total	8260 GC/MS GRO	8260Benz/MTBE	8260Benz/MTBE/Oxy	8260Ethanol	SM3500Ferrous	Comments/Lab Sample I.D.
1	U-1_20091231	WG	G	12/4/09	1235	10		2	1	1	6					x	x	x	x	x	x	x	x	
2	U-2_20091231	WG	G	12/4/09	1215	10		2	1	1	6					x	x	x	x	x	x	x	x	
3	~~U-3_20091231~~ @	WG														x	x	x	x	x	x	x	x	
4	U-4_20091231	WG	G	12/4/09	11 15	14		2	1	1	10					x	x	x	x	x	x	x	x	MS/MSD TAKEN
5	U-5_20091231	WG	G	12/4/09	11 55	10		2	1	1	6					x	x	x	x	x	x	x	x	
6	~~U-6_20091231~~ @	WG														x	x	x	x	x	x	x	x	
7	~~TB1_20091231~~ @ TB2_20091231	W	G	12/4/09	0900	4	N				4								x	x	x	x		ON HOLD
8																								
9																								
10																								
11																								
12																								

252617

Additional Comments/Special Instructions:

GLOBAL ID: T0600101463

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
DTS	12/4/09	1400	DTS	12/4/09	1400
				12/4/09	0920

Sample Receipt Conditions

	Temp in °C	Samples on Ice?	Sample intact?	Trip Blank?
		Y/N	Y/N	Y/N
	1.3	(Y)/N	(Y)/N	(Y)/N
		Y/N	Y/N	Y/N
		Y/N	Y/N	Y/N

SHIPPING METHOD: (mark as appropriate) UPS COURIER (FEDEX) US MAIL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: J.PARKER

SIGNATURE of SAMPLER:

DATE Signed: 12/4/09 Time: 1400

Sample Condition Upon Receipt

Pace Analytical

Client Name: Delta

Project # 252617

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Optional
Proj. Due Date:
Proj. Name:

Tracking #: 870494778271

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals Intact: ☑ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used: Horiba 132013 Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature: 1.3 Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: AJB 12/5/09 0920

Temp should be above freezing to 6°C

Comments:

Chain of Custody Present:	☑Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☑Yes	☐No	☐N/A	2.
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	5.
Short Hold Time Analysis (<72hr):	☑Yes	☐No	☐N/A	6. OP, NO3
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A	7.
Sufficient Volume:	☑Yes	☐No	☐N/A	8.
Correct Containers Used:	☑Yes	☐No	☐N/A	9.
-Pace Containers Used:	☑Yes	☐No	☐N/A	
Containers Intact:	☑Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11.
Sample Labels match COC:	☑Yes	☐No	☐N/A	12.
-Includes date/time/ID/Analysis Matrix: H2O				
All containers needing preservation have been checked.	☑Yes	☐No	☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes	☐No	☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☑Yes	☐No		Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes	☐No	☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A	15.
Trip Blank Present:	☑Yes	☐No	☐N/A	16.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	
Pace Trip Blank Lot # (if purchased):				

Field Data Required? Y / N

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: _____

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

20091231 255325 WG_S_200912 SO

COP ELT CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

Page: 1 of 1
Cooler # ___ of ___

DELTA

Required Lab Information:		Required Project Information:				Required Invoice Information:					
Lab Name:	Pace-Seattle	Site ID #:	255325	Task:	WG_S_200912	Send Invoice to:	David Sowle				
Address:		Delta project #				Address:	11050 White Rock Road, Suite 110			Turn around time (days)	10
940 S. Harney Street Seattle WA 98108		Site Address	3200 LAKESHORE AVE			City/State	Rancho Cordova CA 95670	Phone #:	1-800-477-7411	QC level Required: Standard	Special / Mark one
Lab PM:	Regina Ste. Marie	City	OAKLAND	State	CA 94610	Reimbursement project?		Non-reimbursement project?	Y / Mark one	NJ Reduced Deliverable Package?	
Phone/Fax:	P: 206-957-2433 F: 206-767-5063	Delta PM Name	Tony Perini			Send EDD to	copeltdata@intelligentehs.com			MA MCP Cert?	CT RCP Cert? / Mark One
Lab PM email	Regina.SteMarie@pacelabs.com	Phone/Fax:	P: 1-800-477-7411 F: 408-225-8506			CC Hardcopy report to				Lab Project ID (lab use)	
Applicable Lab Quote #:		Delta PM Email:	tperini@deltaenv.com			CC Hardcopy report to				Requested Analyses	

Valid Matrix Codes: MATRIX — DRINKING WATER WP; GROUND WATER WG; WASTE WATER WW; FREE PRODUCT NAPL; SOIL SO; GAS GA; WIPE SW; AMBIENT AIR AA; SVE AIR SA; SOIL GAS GS; WATER; SURFACE WATER SW; WATER QC; SLUDGE; RINSEATE; OTHER; ANIMAL TISSUE TA

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	# OF CONTAINERS	FIELD FILTERED? (Y/N)	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	353.2Nitrate/N	365.3Ortho Phosphate	6010Iron Total	8260 GC/MS GRO	8260Benz/MTBE	8260Benz/MTBE/Oxy	8260Ethanol	SM3500Ferrous	Comments/Lab Sample I.D.
1	U-1_20091231	WG	G	12/4/09	1235	10		2	1	1	6					x	x	x	x	x	x	x	x	
2	U-2_20091231	WG	G	12/4/09	1215	10		2	1	1	6					x	x	x	x	x	x	x	x	
3	~~U-3_20091231~~ @	WG														x	x	x	x	x	x	x	x	
4	U-4_20091231	WG	G	12/4/09	11 15	14		2	1	1	10					x	x	x	x	x	x	x	x	MS/MSD TAKEN
5	U-5_20091231	WG	G	12/4/09	11 55	10		2	1	1	6					x	x	x	x	x	x	x	x	
6	~~U-6_20091231~~ @	WG														x	x	x	x	x	x	x	x	
7	~~TB1_20091231~~ @ TB2_20091231	W	G	12/4/09	0900	4	N				4								x	x	x	x		ON HOLD
8																								
9																								
10																								
11																								
12																								

252617

Additional Comments/Special Instructions:

GLOBAL ID: T0600101463

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
DTS	12/4/09	1400	DTS	12/4/09	1400
				12/4/09	0920

Sample Receipt Conditions

	Temp in °C	Samples on Ice?	Sample intact?	Trip Blank?
		Y/N	Y/N	Y/N
	1.3	(Y)/N	(Y)/N	(Y)/N
		Y/N	Y/N	Y/N
		Y/N	Y/N	Y/N

SHIPPING METHOD: (mark as appropriate) UPS COURIER (FEDEX) US MAIL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: J.PARKER

SIGNATURE of SAMPLER:

DATE Signed: 12/4/09 Time: 1400

20091231 255325 WG_S_200912 BO (2)

DELTA

COP ELT CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

Page: 1 of 1
Cooler # ____ of ____

21769/L18L2

Required Lab Information:
Lab Name: Pace-Seattle
Address: 5940 S. Harney Street Seattle WA 98108
Lab PM: Regina Ste. Marie
Phone/Fax: P: 206-957-2433 F: 206-767-5063
Lab PM email: Regina.SteMarie@pacelabs.com
Applicable Lab Quote #:

Required Project Information:
Site ID #: 255325 Task: WG_S_200912
Delta project #:
Site Address: 3200 LAKESHORE AVE
City: OAKLAND State: CA 94610
Delta PM Name: Tony Perini
Phone/Fax: P: 1-800-477-7411 F: 408-225-8506
Delta PM Email: tperini@deltaenv.com

Required Invoice Information:
Send Invoice to: David Sowle
Address: 11050 White Rock Road, Suite 110
City/State: Rancho Cordova CA 95670 Phone #: 1-800-477-7411
Reimbursement project? Non-reimbursement project? Y Mark one
Send EDD to: copeltdata@intelligentehs.com
CC Hardcopy report to:
CC Hardcopy report to:

Turn around time (days): 10
QC level Required: Standard Special Mark one
NJ Reduced Deliverable Package?
MA MCP Cert? CT RCP Cert? Mark One
Lab Project ID (lab use)

Valid Matrix Codes: MATRIX — DRINKING WATER WP; GROUND WATER WG; WASTE WATER WW; FREE PRODUCT LF; SOIL SO; OIL OL; WIPE SW; AMBIENT AIR AA; SVE AIR AE; SOIL GAS GS; WATER W; SURFACE WATER WS; WATER QC WQ; SLUDGE SL; RINSEATE WR; OTHER OT; ANIMAL TISSUE TA

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	# OF CONTAINERS	FIELD FILTERED? (Y/N)	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analyses: 353.2Nitrate/N	365.3OrthoPhosphate	6010Iron Total	8260 GC/MS GRO	8260BtexMtbe	8260BtexMTBE+OxyCA	8260Ethanol	SM3500Ferric Iron		Comments/Lab Sample I.D.
1	~~U-1_20091231~~	~~WG~~					~~N~~	~~2~~	~~1~~	~~1~~	~~6~~					~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~		
2	~~U-2_20091231~~	~~WG~~					~~N~~	~~2~~	~~1~~	~~1~~	~~6~~					~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~		
3	U-3_20091231	WG	G	12/3/09	1605	10	N	2	1	1	6					x	x	x	x	x	x	x	x		252609-001
4	~~U-4_20091231~~	~~WG~~					~~N~~	~~2~~	~~1~~	~~1~~	~~6~~					~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~		
5	~~U-5_20091231~~	~~WG~~					~~N~~	~~2~~	~~1~~	~~1~~	~~6~~					~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~		
6	U-6_20091231	WG	G	12/3/09	1515	10	N	2	1	1	6					x	x	x	x	x	x	x	x		-002
7	TB1_20091231	W	G	12/3/09	1500	4	N				4								x	x	x	x			ON HOLD -003
8																									
9																									
10																									
11																									
12																									

Additional Comments/Special Instructions:

GLOBAL ID: T0600101463

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	12/3	1900	SHIPPED VIA FEDEX		
			Regina Ste Marie	12/4/09	08:50

Sample Receipt Conditions

	Y/N	Y/N	Y/N
3.2	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
Temp in °C	Samples on Ice?	Sample intact?	Trip Blank?

SHIPPING METHOD: (mark as appropriate) UPS COURIER FEDEX US MAIL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: J PARKER
SIGNATURE of SAMPLER:
DATE Signed: 12/3 Time: 1900

Inogen Inogen Inogen Environmental Alliance