August 5, 2011

Ms. Barbara Jakub
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Subject: **Semi-Annual Summary Report – January through June 2011**

Site: **76 Service Station No. 5325**
3220 Lakeshore Avenue
Oakland, California
Fuel Leak Case No. RO0000229

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:

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Platinum Energy
30343 Canwood Street, Suite 200
Agoura Hills, California 91301
Tel: (818) 206-5704
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Sincerely,

PLATINUM ENERGY

BRIAN WHALEN

Attachment

Semi-Annual Summary Report, January through June 2011

76 Service Station No. 5325
3220 Lakeshore Avenue
Oakland, California

Alameda County Health Care Services Agency
Fuel Leak Case No. RO0000229

San Francisco Bay Regional Water Quality Control Board
No. 01-1588

GeoTracker Global ID No.T0600101463

Antea Group Project No. I42705662

July 29, 2011

Prepared for:
Ms. Barbara J. Jakub, P.G.
Alameda County Environmental Health
1131 Harbor Bay Parkway,
Suite 250
Alameda, CA 94502

Prepared by:
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1.0 INTRODUCTION

Antea™Group (formerly Delta Consultants) is pleased to submit this *Semi-Annual Summary Report, January through June 2011* for the referenced site in Oakland, CA. The site is located on the southeast corner of the intersection of Lakeshore Avenue and Lake Park Avenue in Oakland, California (**Figure 1**). 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. Station facilities include service station building with one service bay, three fuel dispenser islands, and two 12,000-gallon double-wall fiberglass gasoline underground storage tanks (USTs) [**Figure 2**].

A summary of previous environmental investigations is presented as **Attachment A**. Blaine Tech's procedures for groundwater monitoring, sampling, and equipment decontamination are presented as **Attachment B**. Groundwater monitoring and sampling field data sheets are presented as **Attachment C**. The groundwater sampling certified analytical report and chain-of-custody documentation are presented as **Attachment D**.

Site summary data has been tabled in the following:

- **Table 1** summarizes the current groundwater gauging and analytical data.
- **Table 2** summarizes the historical groundwater gauging and analytical data.
- **Table 3** summarizes the historical groundwater gradient and flow directions.

This report summarizes the groundwater data collected to date, focusing on the most recent analytical data obtained from groundwater samples collected on June 3, 2011. This report has received a technical review by Mr. Dennis S. Dettloff, California Professional Geologist No.7480.

1.1 Work Performed: January through June 2011

1. Blaine Tech Services, Inc. (Blaine Tech) conducted the quarterly groundwater sampling event on June 3, 2011.

2. Antea Group prepared and submitted the *Semi-Annual Summary Report, July through December 2010, dated January 31, 2011.*

1.2 Work Proposed: July through December 2011

1. Antea Group will prepare and submit the *Semi-Annual Summary Report, January through June 2011*, contained herein.

2. Blaine Tech will conduct the quarterly groundwater monitoring and sampling in the fourth quarter 2011.

3. Antea Group will conduct a utility survey to locate underground utilities on the site and in the surrounding street.

4. Antea Group will submit a site summary report detailing the findings of the utility survey and evaluating the results of nitrate, sulfate, acetone, chloride, metals, etc monitoring and proposing changes to the groundwater sampling and monitoring scheme as needed.

2.0 CURRENT PROJECT STATUS

Current phase of project:	Semi-Annual Groundwater Monitoring
Local Oversight Program (LOP) – Lead agency for cleanup oversight:	Alameda County Health Care Services Agency (ACHCSA) Fuel Leak Case No. RO0000229
Contact:	Ms. Barbara Jakub
Secondary agency for cleanup oversight	San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) No. 01-1588
Monitoring well gauging schedule:	Semi-annually: U-1 through U-6 (second and fourth quarters)
Monitoring well sampling schedule:	Semi-annually: U-1 through U-6 (second and fourth quarters)
Total number of monitoring wells:	6
Range of well depths (total depth below ground surface, bgs):	21.5 to 26.5 feet
Wells with historical measurable LNAPL (light non-aqueous phase liquid):	Yes
Generalized site geology:	Predominantly sandy silt, with sandy materials beginning at approximately 6-10 feet below ground surface (bgs)
Historical Depth to Water Range, in feet below top of casing (BTOC):	Min: 2.71 (U-6, Q3 2007) Max: 12.81 (MW-6, Q3 1994)
Historical Groundwater Elevation Range, in feet above mean sea level:	Min: -5.67 (U-6, Q3 2004) Max: 4.89 (U-4, Q1 2006)
Local Receptors:	Lake Merrit is 0.3 miles southwest of the site
Current Remediation Technique:	None

2.1 Regulatory Correspondence

In a letter dated June 2, 2011, Ms. Barbara Jakub of the ACHCSA requested a report with technical comments about a preferential pathway study, bioattenuation and metals groundwater analysis, and site review.

2.2 Remediation Status

During the June 2011 groundwater sampling event, Blaine Tech, at the request of Antea Group, collected groundwater samples from monitoring wells U-1, U-2, and U-4 for additional analysis. These additional analyses were preformed to better assess the groundwater chemistry beneath the site. The data from these analyses are

currently being evaluated to assess remedial options to reduce the petroleum hydrocarbon impacted groundwater beneath the site.

2.3 Groundwater Monitoring

Semi-annual groundwater monitoring and sampling was conducted at the site on June 3, 2011 by Blaine Tech per standard sampling protocol (**Attachment B**). A total of six monitoring wells were gauged and sampled. A copy of Blaine Tech's field notes are presented as **Attachment C**. Measured depths to groundwater and respective groundwater elevations are summarized in **Table 1**. Depth to water was measured to within 0.01 feet BTOC in monitoring wells U-1 through U-6 using a water level indicator. Historic laboratory analytical results are summarized in **Table 2**. Gauging and sampling data from the most recent monitoring and sampling event are summarized below.

Well gauging and sampling date:	June 3, 2011
Wells gauged:	U-1 through U-6
Wells sampled:	U-1 through U-6
Purge method:	3 well casing volumes via electric, submersible pump
Sample collection method:	Disposable bailers
Groundwater parameters measured (**Attachment C**):	Dissolved oxygen (DO), temperature, conductivity, pH, oxidation-reduction potential (ORP), and turbidity
Wells with measurable LNAPL:	None
Depth to Water Range (ft BTOC):	5.12 (U-2) to 10.54 (U-3)
Groundwater Elevation Range (ft above mean sea level):	0.44 (U-3) to 3.13 (U-4)
Change in depth to water from previous event (average change for all gauged wells):	1.79 increase
Groundwater Flow Direction and Gradient in foot per foot (ft/ft):	Northeast at 0.03 ft/ft and southwest at 0.05 ft/ft

All monitoring and sampling activities for the site were conducted on June 3, 2011 by Blaine Tech and reviewed and certified by a California Professional Geologist.

2.3.1 Groundwater Sample Analysis

Groundwater samples collected from monitoring wells U-1 through U-6 were submitted with chain-of-custody documentation to Pace Analytical Services, Inc. (Pace) in Seattle, WA, a California state-certified laboratory (No. 01153CA). Groundwater samples were analyzed for the following:

- TPHg by the CA LUFT Method, benzene, toluene, ethylbenzene, and total xylenes (collectively BTEX), methyl tertiary-butyl ether (MTBE), tertiary amyl-methyl ether (TAME), tertiary butyl alcohol (TBA), di-isopropyl ether (DIPE), ethyl tertiary-butyl ether (ETBE), 1,2-dichloroethane (1,2-DCA), 1,2-dibromoethane (EDB), and ethanol by Environmental Protection Agency (EPA) Method 8260.

In addition, samples were collected from monitoring wells U-1, U-2, and U-4 and analyzed for the following:

- Antimony, arsenic, barium, beryllium, cadmium, cobalt, iron, lead, manganese, molybdenum, nickel, selenium, Silver, thallium, vanadium, and zinc by EPA Method 6010,
- Mercury by EPA Method 7470,
- Ferric and ferrous iron by Standard Method (SM) 3500,
- 5 day biological oxygen demand (BOD) by SM 5210B,
- Chloride and sulfate by EPA Method 300.0,
- Total kjeldahl nitrogen (TKN) by EPA Method 351.2,
- NO2/NO3 by EPA Method 353.2, chemical oxygen demand (COD) by EPA Method 410.4, and
- Nitrite by SM 4500-NO2.

2.3.2 Groundwater Quality Data

Groundwater analytical results are tabulated in **Table 1** (current) and **Table 2** (historical). During the June 2011 sampling event, the following ranges of contaminant concentrations were reported in the specified site monitoring wells (only the constituents above the laboratory's indicated reporting limits are shown):

Constituents	Number of Reported Concentrations Above LRL of Total Samples Analyzed	Minimum Reported Concentration, in µg/L (Sample ID)	Maximum Reported Concentration, in µg/L (Sample ID)
TPHg	3 of 6	85 (U-5)	6,490 (U-1)
Benzene	0 of 6	<0.50	<0.50
MTBE	4 of 4	0.73 (U-3)	33.8 (U-2)

Key: LRL = Laboratory reporting limits; µg/L = Micrograms per liter

2.3.3 Contaminants of Concern

TPHg: TPHg was above the laboratory's indicated reporting limits in the groundwater samples collected and submitted for analysis from monitoring wells U-1 (6,490 µg/L), U-2 (3,280 µg/L), and U-5 (85.0 µg/L) during the current event (**Figure 4**).

Benzene: Benzene was below the laboratory's indicated reporting limit in the groundwater samples collected and submitted for analysis from each of the six monitoring wells.

MTBE: MTBE was above the laboratory's indicated reporting limits in the groundwater samples collected and submitted for analysis from monitoring wells U-1 (6.1 µg/L), U-2 (33.8 µg/L), U-4 (0.73 µg/L) and U-5 (3.0 µg/L) during the current event (**Figure 5**).

In addition, ethylbenzene was present in the groundwater samples collected and submitted for analysis from monitoring wells U-1 (1.2 µg/L) and U-2 (7.1 µg/L); and TBA was present in the groundwater samples collected and submitted for analysis from monitoring wells U-1 (880 µg/L), U-2 (1,310 µg/L), and U-5 (61.6 µg/L). All other constituents tested were below the laboratory's indicated reporting limits in the groundwater samples collected and submitted for analysis during the current event. The June 3, 2011 groundwater analytical results and historical

groundwater monitoring and analytical results are presented in **Table 1**. Pace Laboratory's analytical report and chain-of-custody documentation are presented as **Attachment D**.

The June 2011 groundwater elevation contour map is presented as **Figure 3.** A dissolved phase TPHg iso-concentration map is presented as **Figure 4**. A dissolved phase MTBE iso-concentration map is presented as **Figure 5**. Historical groundwater flow directions are shown on a rose diagram, presented as **Figure 6**.

2.3.4 Waste Disposal Summary

Water generated during well sampling and equipment cleaning was temporarily stored by Blaine Tech in a 2000-gallon poly tank. After the batch process, the generated wastewater was transported for proper disposal at Seaport Environmental in Redwood City, California. The method of containment and disposal is reported in Blaine Tech's procedures for groundwater sampling in **Attachment B**.

2.3.5 Quality Assurance / Quality Control

Antea Group's QA/QC measures included use of a detailed QA/QC data validation check on the Pace laboratory analytical results for the June 2011 sampling event. Antea Group's laboratory data validation checklist and the Pace laboratory report are presented in **Attachment D**. A summary of QA/QC information follows.

Laboratory QA/QC Performed:	Yes (validated by Antea Group)
Laboratory Data Qualifiers:	One (M1)
Validity of Laboratory Data:	Data set is Valid

Data Qualifiers:
M1 – Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

Based on a review of the laboratory's analytical report, including their QA/QC procedures and those implemented by Antea Group, we conclude that the laboratory data obtained during this groundwater sampling event are valid for their intended purpose.

3.0 CONCLUSIONS AND RECOMMENDATIONS

Petroleum hydrocarbon impacted soil has been adequately assessed vertically and laterally beneath the site. Petroleum hydrocarbon impacted groundwater has not been adequately delineated off-site to the north.

4.0 REMARKS

The recommendations contained in this report represent Antea USA, Inc.'s professional opinions based upon the currently available information and are arrived at in accordance with currently accepted professional standards. This report is based upon a specific scope of work requested by the client. For any reports cited that were not generated by Delta or Antea Group, the data from those reports is used "as is" and is assumed to be accurate. Antea Group does not guarantee the accuracy of this data for the referenced work performed nor the inferences or conclusions stated in these reports. The contract between Antea USA, Inc. and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Antea USA, Inc.'s client and anyone else specifically identified in writing by Antea USA, Inc. as a user of this report. Antea USA, Inc. will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea USA, Inc. makes no express or implied warranty as to the contents of this report.

Prepared by:

Jonathan Fillingame

Jonathan Fillingame
Staff Geologist

Information, conclusions, and recommendations provided by Antea Group in this document regarding the site have been prepared under the supervision of and reviewed by the licensed professional whose signature appears below.

PROFESSIONAL GEOLOGIST
DENNIS SHANNON DETTLOFF
No. 7480
STATE OF CALIFORNIA

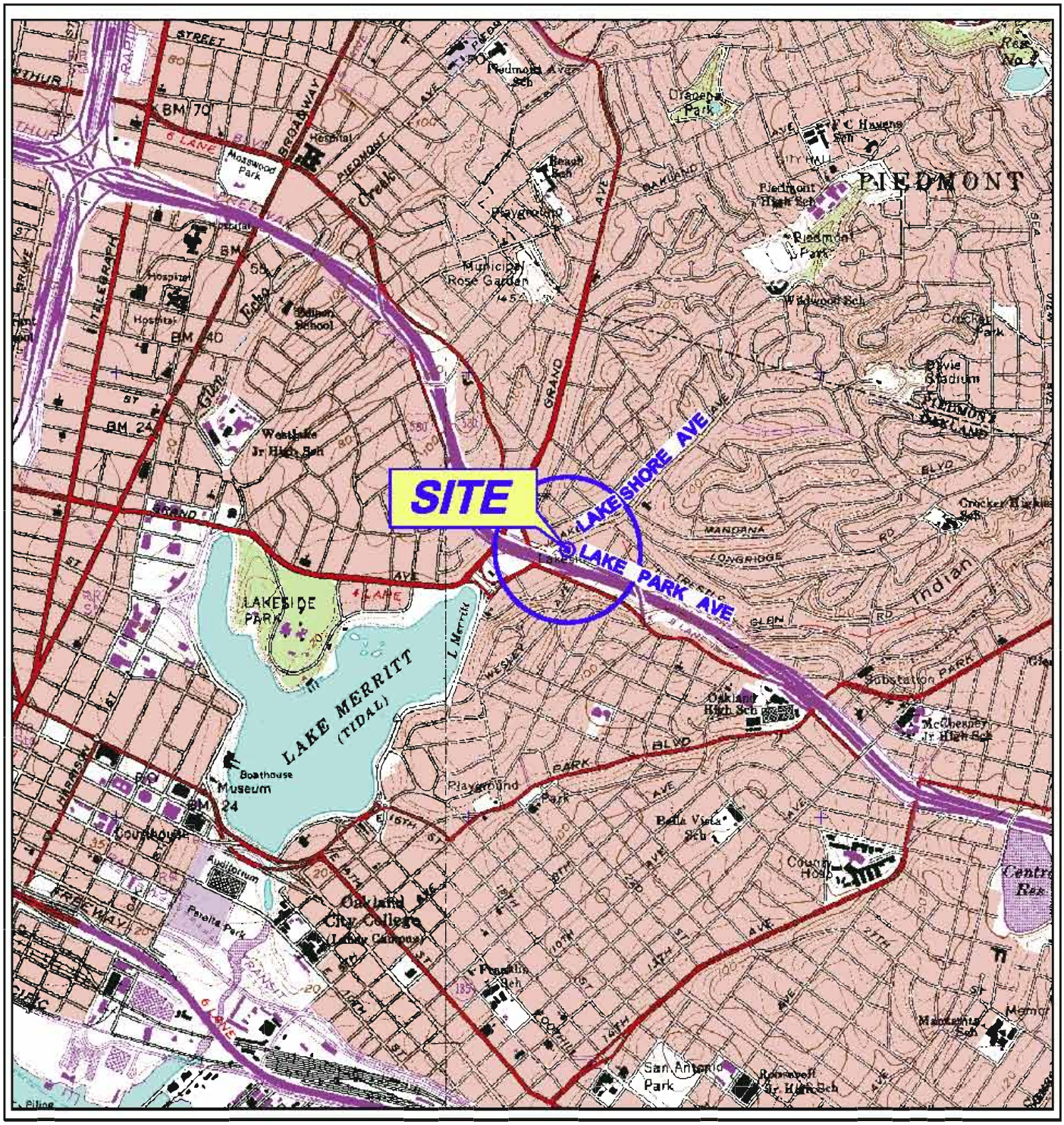
Licensed Approver:

Dennis S. Dettloff Date: 7/29/11

Dennis S. Dettloff, P.G.
Project Manager
California Registered Professional Geologist No. 7480

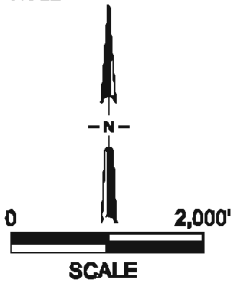
cc: Ms. Barbara Jakub, Alameda County Health Care Services Agency, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577.
GeoTracker (upload)

Figures



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

SITE LOCATION



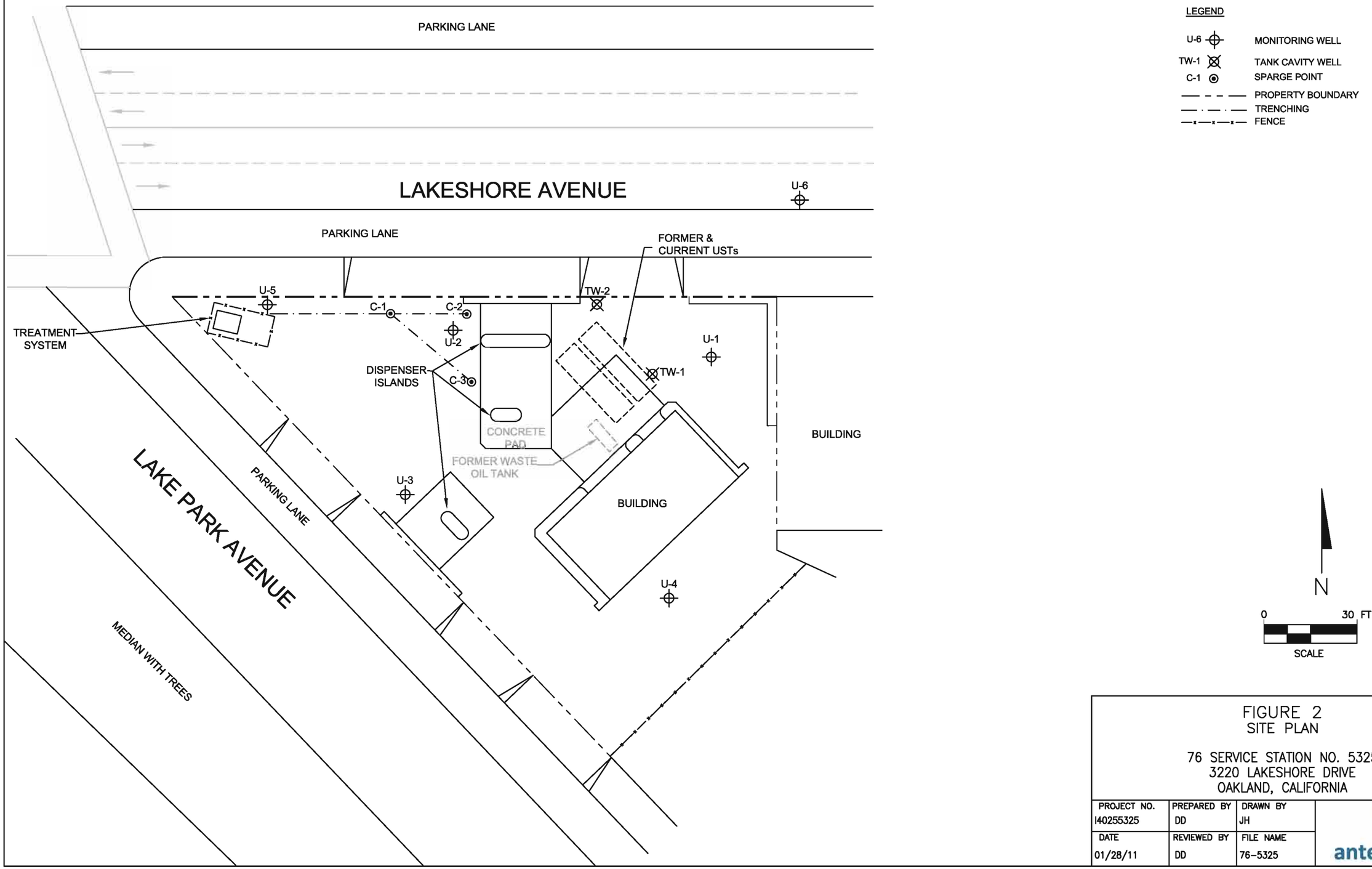
SCALE

FIGURE 1
SITE LOCATION MAP

76 SERVICE STATION NO. 5325
3220 LAKESHORE AVENUE
OAKLAND, CALIFORNIA

PROJECT NO. 140255325		DRAWN BY JH	
FILE NO. 5325-SLM		PREPARED BY EW	
DATE 28 JAN 11	REV. 2	REVIEWED BY	

antea group



LEGEND

- U-6 — MONITORING WELL
- TW-1 — TANK CAVITY WELL
- C-1 — SPARGE POINT
- PROPERTY BOUNDARY
- TRENCHING
- FENCE

N

0 30 FT

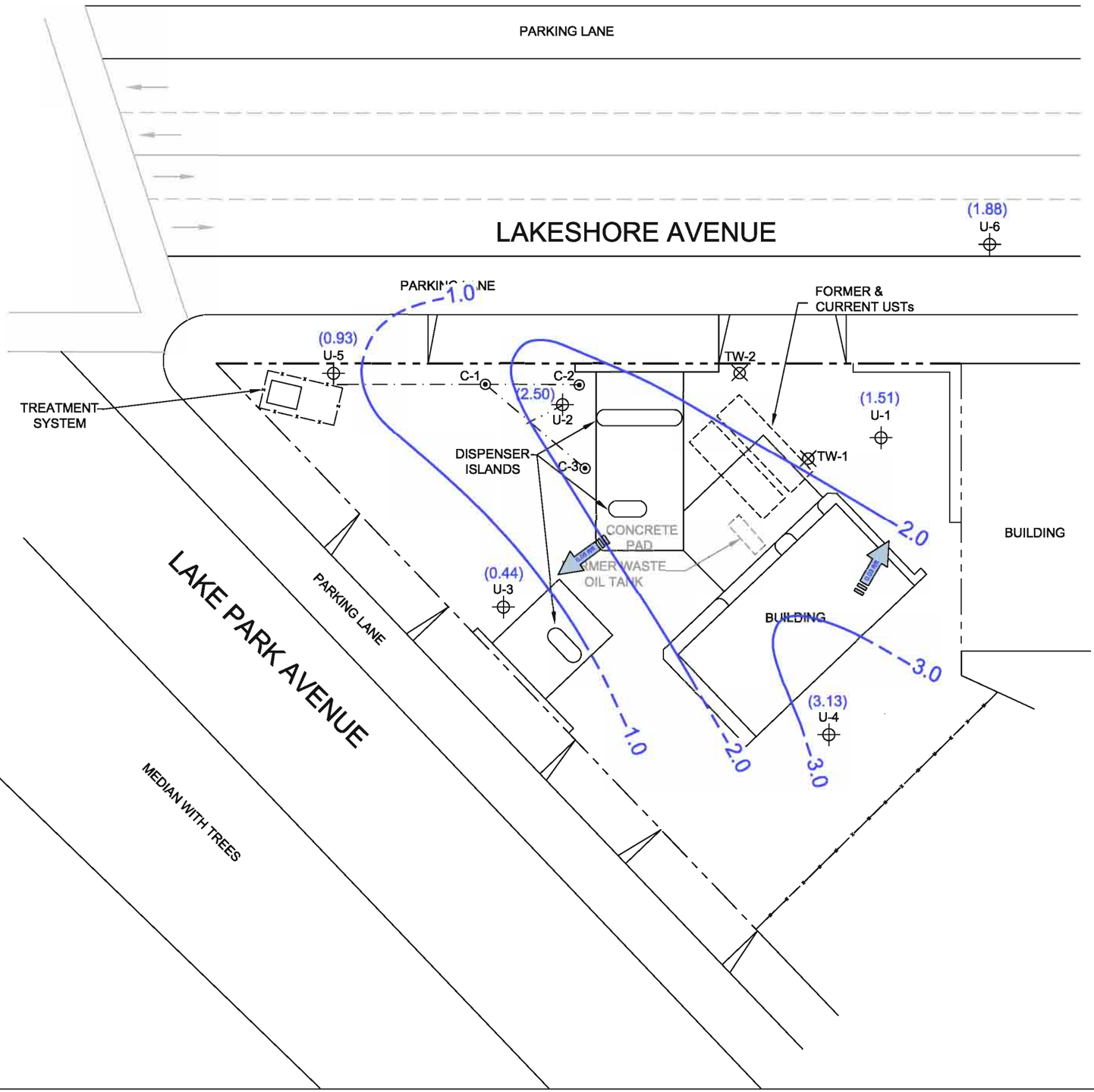
SCALE

FIGURE 2
SITE PLAN

76 SERVICE STATION NO. 5325
3220 LAKESHORE DRIVE
OAKLAND, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY
140255325	DD	JH
DATE	REVIEWED BY	FILE NAME
01/28/11	DD	76-5325

antea group



LEGEND

- U-6 — MONITORING WELL
- TW-1 — TANK CAVITY WELL
- C-1 — SPARGE POINT
- PROPERTY BOUNDARY
- TRENCHING
- FENCE
- (3.13) — GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (ft/msl)
- 1.0 — GROUNDWATER CONTOUR (ft/msl) -DASHED WHERE INFERRED
- 0.03 ft/ft — GENERAL GROUNDWATER FLOW DIRECTION

N

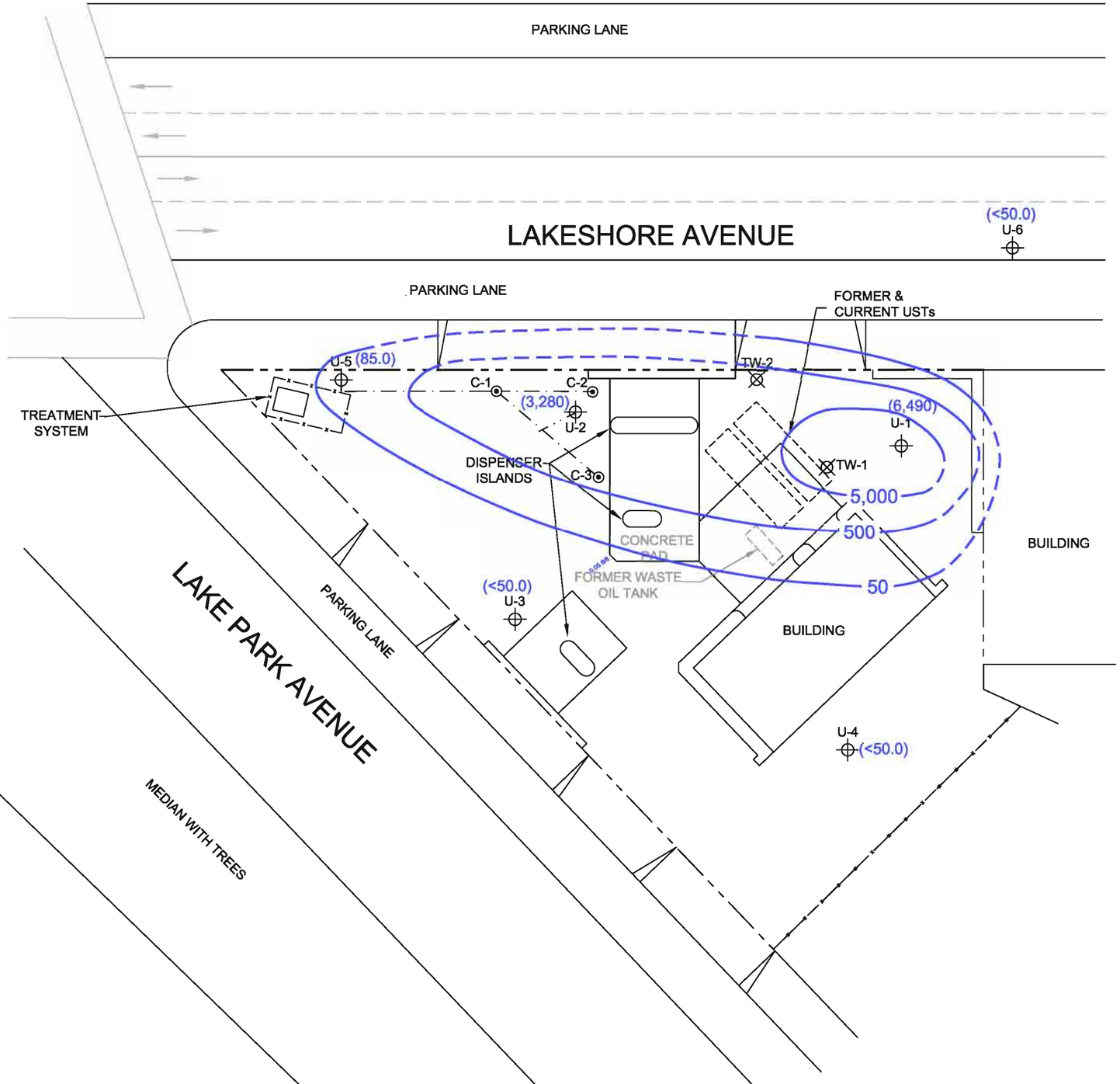
0 30 FT

SCALE

FIGURE 3
GROUNDWATER ELEVATION CONTOUR MAP
JUNE 3, 2011
76 SERVICE STATION NO. 5325
3220 LAKESHORE DRIVE
OAKLAND, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY
140255325	DD	JH/DR
DATE	REVIEWED BY	FILE NAME
7/28/11	DD	76-5325

antea group



LEGEND

U-6 ⊕	MONITORING WELL
TW-1 ⊠	TANK CAVITY WELL
C-1 ⊙	SPARGE POINT
— — —	PROPERTY BOUNDARY
— · — · —	TRENCHING
—x—x—x—	FENCE
(6,490)	DISSOLVED PHASE TPH-G CONCENTRATION (µg/L)
— 5,000 —	DISSOLVED PHASE TPH-G ISOCONCENTRATION CONTOUR (µg/L) -DASHED WHERE INFERRED

NOTES:

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

N

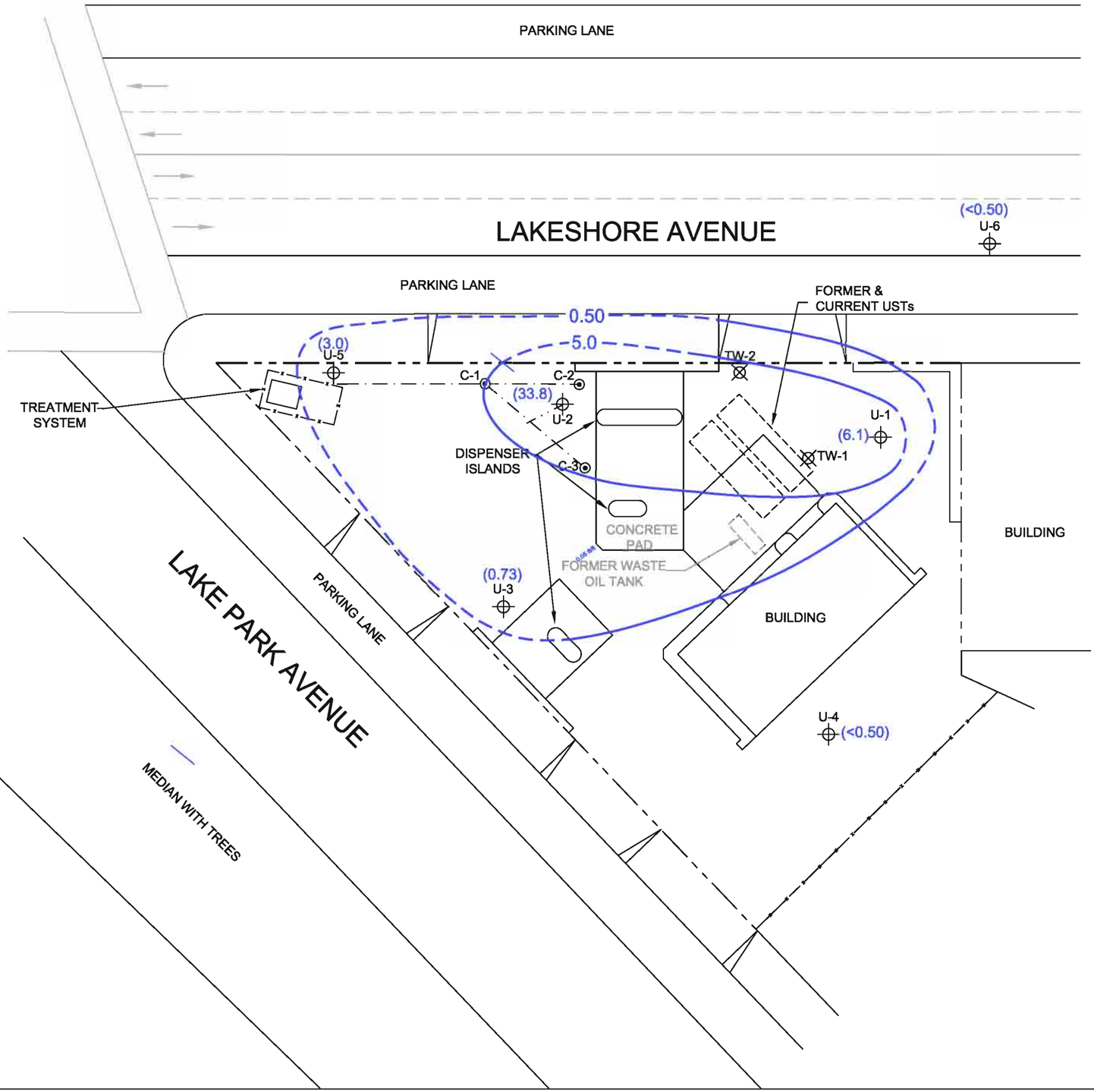
0 30 FT

SCALE

FIGURE 4
DISSOLVED PHASE TPHg ISOCONCENTRATION MAP
JUNE 3, 2011
76 SERVICE STATION NO. 5325
3220 LAKESHORE DRIVE
OAKLAND, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY
140255325	DD	JH/DR
DATE	REVIEWED BY	FILE NAME
7/28/11	DD	76-5325

antea group



LEGEND

- U-6 — MONITORING WELL
- TW-1 — TANK CAVITY WELL
- C-1 — SPARGE POINT
- PROPERTY BOUNDARY
- TRENCHING
- FENCE
- (33.8) — DISSOLVED PHASE MTBE CONCENTRATION (µg/L)
- 5.0 — DISSOLVED PHASE MTBE ISOCONCENTRATION CONTOUR (µg/L) -DASHED WHERE INFERRED

NOTES:

MTBE = METHYL TERTIARY BUTYL ETHER
µg/L = MICROGRAMS PER LITER
<0.50 = LESS THAN LABORATORY INDICATED REPORTING LIMITS

N

0 30 FT

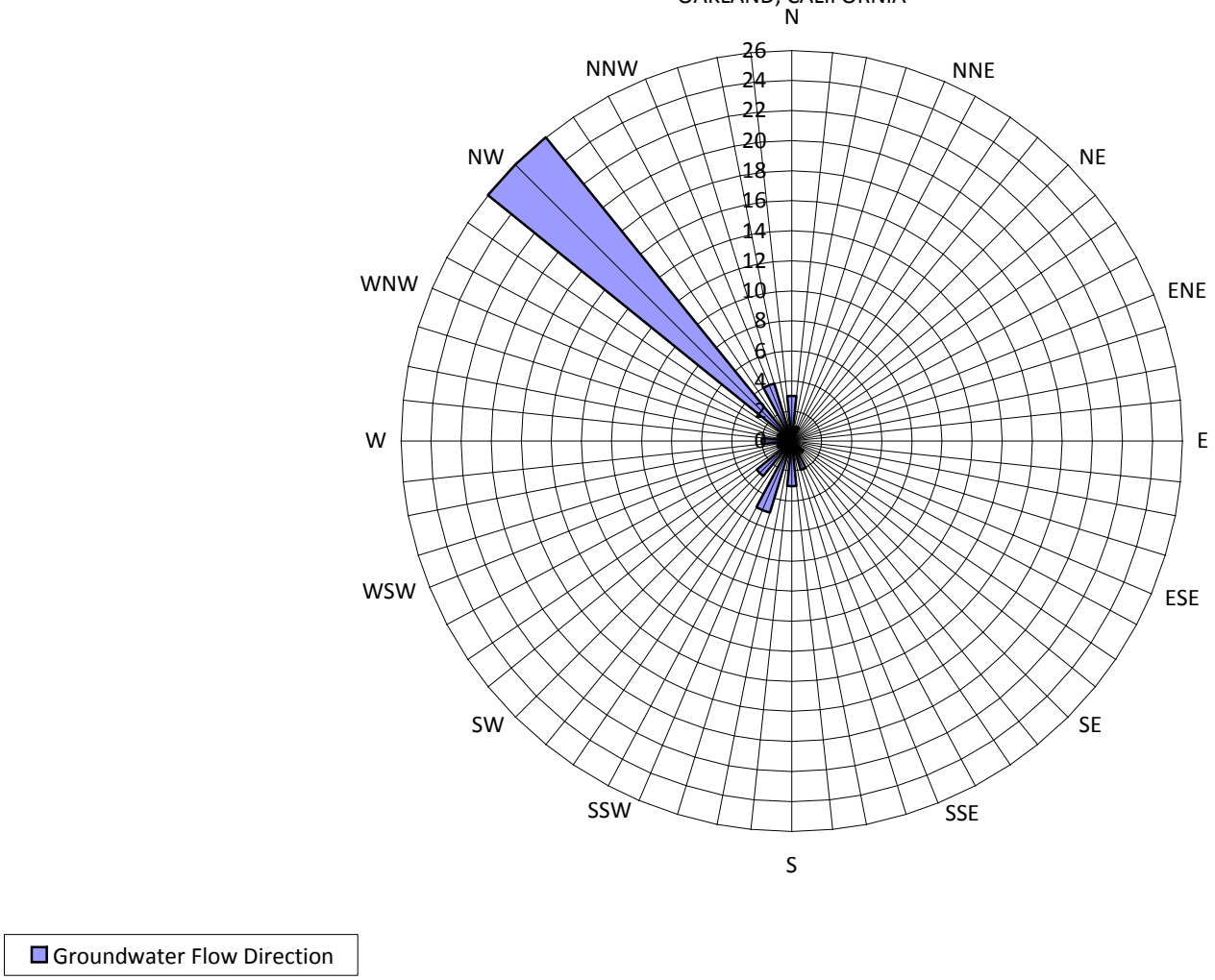
SCALE

FIGURE 5
DISSOLVED PHASE MTBE ISOCONCENTRATION MAP
JUNE 3, 2011
76 SERVICE STATION NO. 5325
3220 LAKESHORE DRIVE
OAKLAND, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY
140255325	DD	JH/DR
DATE	REVIEWED BY	FILE NAME
7/28/11	DD	76-5325

antea group

Figure 6
HISTORICAL GROUNDWATER FLOW DIRECTIONS
76 SERVICE STATION NO. 5325
3220 LAKESHORE AVENUE
OAKLAND, CALIFORNIA



Legend
Groundwater flow directions are based on data from the Third Quarter 1990 to the Second Quarter 2011. 52 data points shown.

Tables

TABLE 1
CURRENT GROUNDWATER GAUGING AND ANALYTICAL DATA
76 Service Station No. 5325
3200 LAKESHORE AVE
OAKLAND, CALIFORNIA

Well I.D.	Date	GROUNDWATER GAUGING DATA				GROUNDWATER ANALYTICAL DATA											
		TOC Elevation (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	1,2-Dibromoethane (EDB) (ug/L)	1,2-Dichloroethane (ug/L)
U-1	6/3/2011	8.46	6.95	NP	1.51	**6,490**	<0.50	<0.50	**1.2**	<1.5	**6.1**	<0.50	<0.50	<0.50	**880**	<250	<1.0	<1.0
U-2	6/3/2011	7.62	5.12	NP	2.50	**3,280**	<0.50	<0.50	**7.1**	<1.5	**33.8**	<0.50	<0.50	<0.50	**1,310**	<250	<1.0	<1.0
U-3	6/3/2011	10.98	10.54	NP	0.44	<50.0	<0.50	<0.50	<0.50	<1.5	**0.73**	<0.50	<0.50	<0.50	<5.0	<250	<1.0	<1.0
U-4	6/3/2011	11.15	8.02	NP	3.13	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	<5.0	<250	<1.0	<1.0
U-5	6/3/2011	6.98	6.05	NP	0.93	**85.0**	<0.50	<0.50	<0.50	<1.5	**3.0**	<0.50	<0.50	<0.50	**61.6**	<250	<1.0	<1.0
U-6	6/3/2011	7.14	5.26	NP	1.88	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<0.50	<5.0	<250	<1.0	<1.0

Gauging Notes:
TOC - Top of Casing
ft - Feet
NP - LNAPL not present
LNAPL - Light non-aqueous phase liquid
* - Corrected for LNAPL if present (assumes LNAPL specific gravity = 0.75)
-- - No information available

Analytical Notes:
Bold - above laboratory's indicated reporting limit
< - Not detected at or above indicated laboratory reporting limit
ug/L - micrograms/liter
TPHg- Total Petroleum Hydrocarbon as gasoline
MTBE- Methyl tertiary-butyl ether
TBA- Tertiary-butyl alcohol
DIPE- Di-isopropyl ether
ETBE- Ethyl tertiary-butyl ether
TAME- Tertiary-amyl methyl ether

TABLE 1a
ADDITIONAL CURRENT GROUNDWATER ANALYTICAL DATA
76 Service Station No. 5325
3200 LAKESHORE AVE
OAKLAND, CALIFORNIA

Well I.D.	Date	GROUNDWATER ANALYTICAL DATA																	
		Acetone (ug/L)	Antimony SW6010 D (ug/L)	Antimony SW6010 T (ug/L)	Arsenic SW6010 D (ug/L)	Arsenic SW6010 T (ug/L)	Barium SW6010 D (ug/L)	Barium SW6010 T (ug/L)	Beryllium SW6010 D (ug/L)	Beryllium SW6010 T (ug/L)	Biochemical Oxygen Demand (ug/L)	Cadmium SW6010 D (ug/L)	Cadmium SW6010 T (ug/L)	Chemical Oxygen Demand (ug/L)	Chloride (ug/L)	Cobalt SW6010 D (ug/L)	Cobalt SW6010 T (ug/L)	Iron SW6010 T (ug/L)	Iron, Ferric (ug/L)
U-1	6/3/2011	<5.0	<60.0	<60.0	**44.0**	**44.0**	**224**	**224**	<5.0	<5.0	**19,600**	<5.0	<5.0	**40,400**	**40,700**	<50.0	<50.0	**27,100**	**24,700**
U-2	6/3/2011	<5.0	<60.0	<60.0	**64.4**	**64.4**	**190**	**190**	<5.0	<5.0	<2000	<5.0	<5.0	**65,600**	**57,700**	<50.0	<50.0	**10,900**	**8,700**
U-3	6/3/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U-4	6/3/2011	<5.0	<60.0	<60.0	<20.0	<20.0	<100	<100	<5.0	<5.0	**11,500**	<5.0	<5.0	**9,530**	**40,600**	<50.0	<50.0	<100	<100
U-5	6/3/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U-6	6/3/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Analytical Notes:
Bold - above laboratory's indicated reporting limit
< - Not detected at or above indicated laboratory reporting limit
ug/L - micrograms/liter

TABLE 1b
ADDITIONAL CURRENT GROUNDWATER ANALYTICAL DATA
76 Service Station No. 5325
3200 LAKESHORE AVE
OAKLAND, CALIFORNIA

Well I.D.	Date	GROUNDWATER ANALYTICAL DATA													
		Iron, Ferrous A3500D (ug/L)	Lead SW6010 D (ug/L)	Lead SW6010 T (ug/L)	Manganese SW6010 D (ug/L)	Manganese SW6010 T (ug/L)	Mercury SW7470A D (ug/L)	Mercury SW7470A T (ug/L)	Molybdenum SW6010 D (ug/L)	Molybdenum SW6010 T (ug/L)	Nickel SW6010 D (ug/L)	Nickel SW6010 T (ug/L)	Nitrate as N (ug/L)	Nitrite as N (ug/L)	Nitrogen, NO2 plus NO3 (ug/L)
U-1	6/3/2011	**2,400**	<10.0	<10.0	**2,920**	**2,920**	<0.20	<0.20	<20.0	<20.0	<40.0	<40.0	**52.0**	<10	**60.2**
U-2	6/3/2011	**2,200**	<10.0	<10.0	**4,990**	**4,990**	<0.20	<0.20	**34.5**	**34.5**	<40.0	<40.0	<50.0	<10	<50.0
U-3	6/3/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U-4	6/3/2011	**200**	<10.0	<10.0	<15.0	<15.0	<0.20	<0.20	<20.0	<20.0	<40.0	<40.0	**4,280**	<10	**4,280**
U-5	6/3/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U-6	6/3/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Analytical Notes:
Bold - above laboratory's indicated reporting limit
< - Not detected at or above indicated laboratory reporting limit
mg/L - milligrams per liter
MILLIVOLTS - millivolts
ug/L - micrograms/liter

TABLE 1c
ADDITIONAL CURRENT GROUNDWATER ANALYTICAL DATA
76 Service Station No. 5325
3200 LAKESHORE AVE
OAKLAND, CALIFORNIA

Well I.D.	Date	GROUNDWATER ANALYTICAL DATA										
		Selenium SW6010 D (ug/L)	Selenium SW6010 T (ug/L)	Silver SW6010 D (ug/L)	Silver SW6010 T (ug/L)	Sulfate (ug/L)	Thallium SW6010 D (ug/L)	Thallium SW6010 T (ug/L)	Vanadium SW6010 D (ug/L)	Vanadium SW6010 T (ug/L)	Zinc SW6010 D (ug/L)	Zinc SW6010 T (ug/L)
U-1	6/3/2011	<10.0	<10.0	<10.0	<10.0	<1000	<20.0	<20.0	<50.0	<50.0	<40.0	<40.0
U-2	6/3/2011	<10.0	<10.0	<10.0	<10.0	**29,400**	<20.0	<20.0	<50.0	<50.0	<40.0	<40.0
U-3	6/3/2011	--	--	--	--	--	--	--	--	--	--	--
U-4	6/3/2011	<10.0	<10.0	<10.0	<10.0	**79,300**	<20.0	<20.0	<50.0	<50.0	<40.0	<40.0
U-5	6/3/2011	--	--	--	--	--	--	--	--	--	--	--
U-6	6/3/2011	--	--	--	--	--	--	--	--	--	--	--

Analytical Notes:
Bold - above laboratory's indicated reporting limit
< - Not detected at or above indicated laboratory reporting limit
mg/L - milligrams per liter
ug/L - micrograms/liter

TABLE 2
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 Service Station No. 5325
3200 LAKESHORE AVE
OAKLAND, CALIFORNIA

Well I.D.	Date	GROUNDWATER GAUGING DATA				GROUNDWATER ANALYTICAL DATA													
		TOC Elevation (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (SW8021B) (ug/L)	MTBE (SW8260B) (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	1,2-Dibromoethane (EDB) (ug/L)	1,2-Dichloroethane (ug/L)
U-1	8/10/1990	NSVD	NG	NG	NG	690	38	75	8.6	130	--	--	--	--	--	--	--	--	--
	1/7/1991	NSVD	NG	NG	NG	250	22	16	4.2	17	--	--	--	--	--	--	--	--	--
	4/1/1991	NSVD	NG	NG	NG	160	13	8.6	1.0	15	--	--	--	--	--	--	--	--	--
	7/3/1991	NSVD	NG	NG	NG	140	21	4.3	0.36	17	--	--	--	--	--	--	--	--	--
	10/9/1991	NSVD	NG	NG	NG	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	2/12/1992	NSVD	NG	NG	NG	250	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	5/5/1992	NSVD	NG	NG	NG	230	1.2	ND	ND	ND	--	--	--	--	--	--	--	--	--
	6/11/1992	NSVD	NG	NG	NG	1,000	80	1.4	6.7	41	--	--	--	--	--	--	--	--	--
	8/20/1992	NSVD	NG	NG	NG	400	1.0	ND	ND	0.6	--	--	--	--	--	--	--	--	--
	2/22/1993	NSVD	NG	NG	NG	34,000	1,400	5,500	910	7,300	--	--	--	--	--	--	--	--	--
	5/7/1993	NSVD	NG	NG	NG	8,700	600	240	650	3,300	--	--	--	--	--	--	--	--	--
	8/8/1993	NSVD	NG	NG	NG	4,900	79	ND	832	270	--	--	--	--	--	--	--	--	--
	11/16/1993	5.32	8.60	NP	-3.28	690	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	2/16/1994	5.32	8.53	NP	-3.21	6,800	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	6/22/1994	8.46	8.39	NP	0.07	200	ND	ND	5.9	21	--	--	--	--	--	--	--	--	--
	9/22/1994	8.46	8.65	NP	-0.19	6,100	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	12/24/1994	8.46	8.03	NP	0.43	50,000	2,500	9,700	2,400	17,000	--	--	--	--	--	--	--	--	--
	3/25/1995	8.46	7.71	0.36	1.02	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH
	6/21/1995	8.46	9.30	0.20	-0.69	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH
	9/19/1995	8.46	9.28	0.39	-0.53	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH
	12/19/1995	8.46	8.97	0.02	-0.50	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH
	3/18/1996	8.46	8.25	NP	0.21	27,000	ND	2,300	1,400	11,000	4,900	--	--	--	--	--	--	--	--
	6/27/1996	8.46	7.92	NP	0.54	120,000	540	4,300	2,600	26,000	ND	--	--	--	--	--	--	--	--
	9/26/1996	8.46	9.10	0.02	-0.63	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH
	12/9/1996	8.46	6.88	0.03	1.60	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH
	3/14/1997	8.46	9.02	0.55	-0.15	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH
	6/30/1997	8.46	8.40	0.01	0.07	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH
	9/19/1997	8.46	8.56	0.02	-0.09	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH
	12/12/1997	8.46	8.57	0.00	-0.11	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH
	3/3/1998	8.46	8.22	0.03	0.26	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH
	6/15/1998	8.46	8.36	NP	0.10	52,000	ND	900	1,800	13,000	ND	--	--	--	--	--	--	--	--
	9/30/1998	8.46	8.93	NP	-0.47	1,000,000	ND	2,600	13,000	83,000	4,800	--	--	--	--	--	--	--	--
	12/28/1998	8.46	8.56	NP	-0.10	1,100,000	ND	1600	8,600	71,000	5,700	--	--	--	--	--	--	--	--
	3/22/1999	8.46	8.18	NP	0.28	130,000	470	1,100	2,000	28,000	5,700	--	--	--	--	--	--	--	--
	6/9/1999	8.46	9.36	NP	-0.90	40,000	230	640	590	13,000	3,500	2,100	--	--	--	--	--	--	--
	9/8/1999	8.46	9.52	NP	-1.06	55,000	217	202	745	14,300	6,890	6,690	--	--	--	--	--	--	--
	12/7/1999	8.46	9.67	NP	-1.21	41,200	89.3	ND	385	6,930	15,800	14,700	--	--	--	--	--	--	--
	3/13/2000	8.46	8.43	NP	0.03	48,000	490	610	2400	10,000	22,000	23,000	--	--	--	--	--	--	--
	6/21/2000	8.46	9.44	NP	-0.98	37,000	200	ND	1200	7,200	15,000	20,000	--	--	--	--	--	--	--
	9/27/2000	8.46	9.28	NP	-0.82	15,000	92	ND	540	2,800	74,000	83,000	ND	ND	ND	ND	--	ND	--
	12/12/2000	8.46	9.36	NP	-0.90	50,000	ND	ND	250	1,900	12,000	15,000	--	--	--	--	--	--	--
	3/7/2001	8.46	8.44	NP	0.02	6,220	29.8	10.4	96.3	638	11,200	11,800	ND	ND	ND	ND	--	ND	--
	6/6/2001	8.46	9.28	NP	-0.82	5,200	17	ND	69	420	6,500	8,700	ND	ND	ND	ND	--	ND	--
	9/24/2001	8.46	9.39	NP	-0.93	4,300	36	<25	65	590	4,400	4,400	<1000	<1000	<1000	<20000	<400000	<1000	<1000
	12/10/2001	8.46	9.17	NP	-0.71	11,000	220	<100	380	1,500	5,100	5,100	<100	<100	<100	<4000	<8000	<100	<100
	3/11/2002	8.46	9.43	NP	-0.97	5,500	28	<20	360	690	6,400	6,300	<100	<100	<100	<5000	<25000	<100	<100
	6/4/2002	8.46	8.31	NP	0.15	4,600	31	<10	240	180	6,500	--	--	--	--	--	--	--	--
	9/3/2002	8.46	9.35	NP	-0.89	2,300	<12	<12	<12	68	3,500	4,700	<200	<200	<200	<10000	<50000	<200	<200
	12/3/2002	8.46	8.18	NP	0.28	<5000	<50	<50	<50	<100	--	4,700	<200	<200	<200	<10000	<50000	<200	<200
	3/4/2003	8.46	8.28	NP	0.18	8,900	26	<25	400	130	--	5,500	<100	<100	<100	<5000	<25000	<100	<100
	6/18/2003	8.46	7.57	NP	0.89	8,300	<25	<25	<25	<50	--	10,000	<100	<100	<100	<5000	<25000	<100	<100
	9/24/2003	8.46	8.18	NP	0.28	<10000	<100	<100	<100	<200	--	11,000	<400	<400	<400	<20000	<100000	<400	<400
	12/2/2003	8.46	8.89	NP	-0.43	<10000	<100	<100	<100	<200	--	11,000	--	--	--	--	<100000	--	--
	3/30/2004	8.46	8.38	NP	0.08	12,000	<100	<100	190	<200	--	13,000	<200	<100	<100	3100	<10000	<100	<100
	6/7/2004	8.46	10.35	NP	-1.89	13,000	<100	<100	<100	<200	--	12,000	<200	<100	<100	3300	<10000	<100	<100
	9/9/2004	8.46	dry	dry	dry	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY

TABLE 2
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 Service Station No. 5325
3200 LAKESHORE AVE
OAKLAND, CALIFORNIA

Well I.D.	Date	GROUNDWATER GAUGING DATA				GROUNDWATER ANALYTICAL DATA													
		TOC Elevation (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (SW8021B) (ug/L)	MTBE (SW8260B) (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	1,2-Dibromoethane (EDB) (ug/L)	1,2-Dichloroethane (ug/L)
U-1	12/20/2004	8.46	9.00	NP	-0.54	<50	<0.50	<0.50	<0.50	<1.0	--	8.2	<1.0	<0.50	<0.50	11	<50	<0.50	<0.50
	3/28/2005	8.46	8.10	NP	0.36	37,000	<10	<10	1500	5300	--	460	--	--	--	--	<1000	--	--
	6/14/2005	8.46	8.90	NP	-0.44	3,900	<0.50	<0.50	48	68	--	60	<10	<10	<10	4400	<1000	<10	<10
	9/28/2005	8.46	11.35	NP	-2.89	560	<0.50	0.60	3.0	26	--	18	<10	<10	<10	5500	<250	<10	<10
	12/29/2005	8.46	8.57	NP	-0.11	510	0.77	<0.50	27	63	--	62	<0.50	<0.50	<0.50	3900	<250	<0.50	<0.50
	3/27/2006	8.46	7.19	NP	1.27	29,000	<25	<25	1,500	4,900	--	300	--	--	--	--	<12000	--	--
	6/12/2006	8.46	7.80	NP	0.66	3,200	<0.50	<0.50	42	15	--	56	--	--	--	--	<250	--	--
	9/21/2006	8.46	8.03	NP	0.43	2,600	<12	<12	<12	<12	--	30	--	--	--	--	<6200	--	--
	12/21/2006	8.46	8.31	NP	0.15	2,000	<0.50	<0.50	13	2.2	--	53	--	--	--	--	<250	--	--
	3/28/2007	8.46	6.17	NP	2.29	12,000	<2.5	<2.5	690	1,900	--	110	<2.5	<2.5	<2.5	1600	<1200	<2.5	<2.5
	6/27/2007	8.46	5.38	NP	3.08	13,000	2.8	<2.5	960	1,300	--	79	<2.5	<2.5	<2.5	1500	<1200	<2.5	<2.5
	9/26/2007	8.46	5.32	NP	3.14	6,900	2.6	<2.5	310	680	--	44	--	--	--	--	<1200	--	--
	12/27/2007	8.46	8.11	NP	0.35	5,900	<2.5	<2.5	290	130	--	42	--	--	--	--	<1200	--	--
	3/26/2008	8.46	7.84	NP	0.62	3,500	<2.5	<2.5	100	18	--	30	--	--	--	--	<1200	--	--
	6/18/2008	8.46	7.03	NP	1.43	8,400	<5.0	<5.0	230	86	--	26	--	--	--	--	<2500	--	--
	9/24/2008	8.46	6.90	NP	1.56	6,000	3.3	<2.5	170	86	--	78	--	--	--	--	<1200	--	--
	12/22/2008	8.46	7.69	NP	0.77	6,400	0.64	<0.50	95	7.0	--	12	--	--	--	--	<250	--	--
	3/26/2009	8.46	7.55	NP	0.91	5,700	<2.5	<2.5	72	6.5	--	10	--	--	--	--	<1200	--	--
	6/23/2009	8.46	6.80	NP	1.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/2009	8.46	7.30	NP	1.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/4/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/28/2010	8.46	6.71	NP	1.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/30/2010	--	--	--	--	7,090	<0.50	<0.50	2.1	2.2	--	5.1	<0.50	<0.50	<0.50	1110	<250	<1.0	<1.0
	12/20/2010	8.46	6.76	NP	1.70	6,280	<0.50	<0.50	29.9	1.8	--	7.0	<0.50	<0.50	<0.50	391	<250	<1.0	<1.0
	6/3/2011	8.46	6.95	NP	1.51	6,490	<0.50	<0.50	1.2	<1.5	--	6.1	<0.50	<0.50	<0.50	880	<250	<1.0	<1.0
U-2	8/10/1990	NSVD	NG	NG	NG	780	27	46	15	130	--	--	--	--	--	--	--	--	--
	1/7/1991	NSVD	NG	NG	NG	1,900	67	5.8	58	69	--	--	--	--	--	--	--	--	--
	4/1/1991	NSVD	NG	NG	NG	1,700	250	89	34	190	--	--	--	--	--	--	--	--	--
	7/3/1991	NSVD	NG	NG	NG	2,100	150	25	3.1	290	--	--	--	--	--	--	--	--	--
	10/9/1991	NSVD	NG	NG	NG	230	7.1	ND	ND	11	--	--	--	--	--	--	--	--	--
	2/12/1992	NSVD	NG	NG	NG	410	1.9	ND	0.36	0.4	--	--	--	--	--	--	--	--	--
	5/5/1992	NSVD	NG	NG	NG	1,600	120	52	6.2	290	--	--	--	--	--	--	--	--	--
	6/11/1992	NSVD	NG	NG	NG	620	17	2.1	ND	37	--	--	--	--	--	--	--	--	--
	8/20/1992	NSVD	NG	NG	NG	700	28	6.5	1.3	4.6	--	--	--	--	--	--	--	--	--
	2/22/1993	NSVD	NG	NG	NG	3,400	2,400	2,100	1,200	5,800	--	--	--	--	--	--	--	--	--
	5/7/1993	NSVD	NG	NG	NG	17,000	1,800	660	1,700	4,000	--	--	--	--	--	--	--	--	--
	8/8/1993	NSVD	NG	NG	NG	5,600	420	ND	410	670	--	--	--	--	--	--	--	--	--
	11/16/1993	4.53	8.17	NP	-3.64	510	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	2/16/1994	4.53	7.73	NP	-3.20	980	49	13	2.7	40	--	--	--	--	--	--	--	--	--
	6/22/1994	7.62	7.59	NP	0.03	31,000	2,200	62	1,500	3,500	--	--	--	--	--	--	--	--	--
	9/22/1994	7.62	7.92	NP	-0.30	8,500	29	ND	ND	ND	--	--	--	--	--	--	--	--	--
	12/24/1994	7.62	7.26	NP	0.36	32,000	1,500	890	1,300	5,000	--	--	--	--	--	--	--	--	--
	3/25/1995	7.62	7.01	NP	0.61	170,000	1,900	21,000	4,800	33,000	--	--	--	--	--	--	--	--	--
	6/21/1995	7.62	6.98	NP	0.64	16,000	2,100	ND	1,800	1,700	--	--	--	--	--	--	--	--	--
	9/19/1995	7.62	7.69	NP	-0.07	3,000	610	ND	78	240	--	--	--	--	--	--	--	--	--
	12/19/1995	7.62	7.30	NP	0.32	1,600	140	55	52	270	--	--	--	--	--	--	--	--	--
	3/18/1996	7.62	6.44	NP	1.18	12,000	2,200	ND	1,200	2,200	22,000	--	--	--	--	--	--	--	--
	6/27/1996	7.62	7.40	NP	0.22	28,000	3,400	ND	2,800	3,100	3,000	--	--	--	--	--	--	--	--
	9/26/1996	7.62	7.90	NP	-0.28	5,900	750	ND	ND	ND	18,000	--	--	--	--	--	--	--	--
	12/9/1996	7.62	6.76	NP	0.86	13,000	5,100	290	980	370	2,700	--	--	--	--	--	--	--	--
	3/14/1997	7.62	7.11	0.02	0.53	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH
	6/30/1997	7.62	6.19	NP	1.43	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH
	9/19/1997	7.62	7.30	NP	0.32	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH
	12/12/1997	7.62	6.75	NP	0.87	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH	LPH
	3/3/1998	7.62	6.36	NP	1.26	80,000	3,000	1,100	820	16,000	16,000	--	--	--	--	--	--	--	--
	6/15/1998	7.62	6.51	NP	1.11	48,000	1,800	330	470	7,900	20,000	--	--	--	--	--	--	--	--
	9/30/1998	7.62	7.17	NP	0.45	60,000	1,300	ND	500	9,700	19,000	--	--	--	--	--	--	--	--

TABLE 2
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 Service Station No. 5325
3200 LAKESHORE AVE
OAKLAND, CALIFORNIA

Well I.D.	Date	GROUNDWATER GAUGING DATA				GROUNDWATER ANALYTICAL DATA													
		TOC Elevation (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (SW8021B) (ug/L)	MTBE (SW8260B) (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	1,2-Dibromoethane (EDB) (ug/L)	1,2-Dichloroethane (ug/L)
U-2	12/28/1998	7.62	7.05	NP	0.57	63,000	590	160	320	5,600	16,000	--	--	--	--	--	--	--	--
	3/22/1999	7.62	6.82	NP	0.80	28,000	1,100	ND	360	2,900	25,000	--	--	--	--	--	--	--	--
	6/9/1999	7.62	7.51	NP	0.11	21,000	110	190	310	2,600	7,900	7,800	--	--	--	--	--	--	--
	9/8/1999	7.62	8.15	NP	-0.53	23,300	477	138	286	4,110	16,400	15,300	--	--	--	--	--	--	--
	12/7/1999	7.62	8.31	NP	-0.69	4,840	17.2	ND	ND	157	14,900	15,600	--	--	--	--	--	--	--
	3/13/2000	7.62	6.69	NP	0.93	11,000	380	160	ND	2,100	22,000	26,000	--	--	--	--	--	--	--
	6/21/2000	7.62	7.67	NP	-0.05	9,100	22	ND	ND	800	16,000	22,000	--	--	--	--	--	--	--
	9/27/2000	7.62	7.44	NP	0.18	2,900	43	ND	ND	39	20,000	26,000	--	--	--	--	--	--	--
	12/12/2000	7.62	7.51	NP	0.11	3,600	17	ND	ND	87	8,000	7,800	--	--	--	--	--	--	--
	3/7/2001	7.62	7.15	NP	0.47	1,670	51.0	ND	7.20	19.5	5,930	7,900	ND	ND	ND	ND	ND	ND	ND
	6/6/2001	7.62	7.57	NP	0.05	1,100	14	ND	9.3	35	9,200	10,000	ND	ND	ND	ND	ND	ND	ND
	9/24/2001	7.62	7.63	NP	-0.01	1,000	25	<2.5	12	100	9,800	11,000	<1000	<1000	<1000	<20000	<400000	<1000	<1000
	12/10/2001	7.62	6.78	NP	0.84	83	14	0.55	3.4	6.8	2,500	2,500	<50	<50	<50	<2000	<4000	<50	<50
	3/11/2002	7.62	7.11	NP	0.51	<1000	28	<10	40	31	11,000	11,000	<200	<200	<200	<10000	<50000	<200	<200
	6/4/2002	7.62	7.17	NP	0.45	7,700	32	<25	33	48	14,000	--	--	--	--	--	--	--	--
	9/3/2002	7.62	7.57	NP	0.05	5,200	<25	<25	<25	<25	11,000	15,000	<1000	<1000	<1000	<50000	<250000	<1000	<1000
	12/3/2002	7.62	7.67	NP	-0.05	<5000	<50	<50	<50	<100	--	3,200	<200	<200	<200	<10000	<50000	<200	<200
	3/4/2003	7.62	7.76	NP	-0.14	8,100	<50	<50	<50	<100	--	7,800	<200	<200	<200	<10000	<50000	<200	<200
	6/18/2003	7.62	6.86	NP	0.76	11,000	<50	<50	<50	<100	--	16,000	<200	<200	<200	<10000	<50000	<200	<200
	9/24/2003	7.62	7.48	NP	0.14	<10000	<100	<100	<100	<200	--	10,000	<400	<400	<400	<20000	<100000	<400	<400
	12/2/2003	7.62	7.94	NP	-0.32	<10000	<100	<100	<100	<200	--	10,000	--	--	--	--	<100000	--	--
	3/30/2004	7.62	7.07	NP	0.55	12,000	<100	<100	<100	<200	--	11,000	<200	<100	<100	2400	<10000	<100	<100
	6/7/2004	7.62	7.75	NP	-0.13	14,000	<100	<100	<100	<200	--	13,000	<200	<100	<100	2600	<10000	<100	<100
	9/9/2004	7.62	8.64	NP	-1.02	<10000	<100	<100	<100	<200	--	9,500	<200	<100	<100	2700	<10000	<100	<100
	12/20/2004	7.62	7.73	NP	-0.11	<5000	<50	<50	<50	<100	--	11,000	<100	<50	<50	3500	<5000	<50	<50
	3/28/2005	7.62	6.23	NP	1.39	12,000	<50	<50	160	120	--	7,000	<50	<50	<0.50	830	<5000	<50	<50
	6/14/2005	7.62	7.05	NP	0.57	2,000	0.75	<0.50	3.7	1.1	--	2,400	<20	<20	<20	10000	<2000	<20	<20
	9/28/2005	7.62	8.00	NP	-0.38	320	<0.50	<0.50	<0.50	<1.0	--	80	<0.50	<0.50	<0.50	13000	<250	<0.50	<0.50
	12/29/2005	7.62	7.23	NP	0.39	<50	<0.50	<0.50	<0.50	<1.0	--	35	<0.50	<0.50	<0.50	11000	<250	<0.50	<0.50
	3/27/2006	7.62	5.30	NP	2.32	2,400	31	0.73	120	15	--	1,400	--	--	--	--	<250	--	--
	6/12/2006	7.62	6.25	NP	1.37	<1200	<12	<12	17	<25	--	490	--	--	--	--	<6200	--	--
	9/21/2006	7.62	6.00	NP	1.62	440	6.1	<0.50	1.7	<0.50	--	1,100	--	--	--	--	<250	--	--
	12/21/2006	7.62	6.07	NP	1.55	670	10	<0.50	52	1.2	--	730	--	--	--	--	<250	--	--
	3/28/2007	7.62	5.05	NP	2.57	3,300	36	<5.0	200	6.8	--	1,200	<5.0	<5.0	<5.0	4000	<2500	<5.0	<5.0
	6/27/2007	7.62	4.80	NP	2.82	5,100	94	<5.0	640	7.1	--	1,100	<5.0	<5.0	<5.0	3000	<2500	<5.0	<5.0
	9/26/2007	7.62	4.73	NP	2.89	3,900	54	<5.0	240	240	--	670	--	--	--	--	<2500	--	--
	12/27/2007	7.62	5.80	NP	1.82	2,200	21	<5.0	77	16	--	470	--	--	--	--	<2500	--	--
	3/26/2008	7.62	5.61	NP	2.01	4,300	45	<2.5	210	77	--	580	--	--	--	--	<1200	--	--
	6/18/2008	7.62	5.30	NP	2.32	5,400	31	<5.0	270	38	--	250	--	--	--	--	<2500	--	--
	9/24/2008	7.62	5.09	NP	2.53	4,400	24	<0.50	190	24	--	300	--	--	--	--	<250	--	--
	12/22/2008	7.62	4.98	NP	2.64	6,200	24	<0.50	160	31	--	160	--	--	--	--	<250	--	--
	3/26/2009	7.62	5.17	NP	2.45	5,200	8.9	<2.5	47	22	--	150	--	--	--	--	<1200	--	--
	6/23/2009	7.62	4.90	NP	2.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/2009	7.62	5.18	NP	2.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/4/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U-2	6/28/2010	7.62	4.97	NP	2.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/30/2010	--	--	--	--	4,900	0.64	<0.50	18.5	<1.5	--	55.9	<0.50	<0.50	0.53	3750	<250	<1.0	<1.0
	12/20/2010	7.62	4.21	NP	3.41	5,510	0.66	<0.50	28.3	<1.5	--	50.7	<0.50	<0.50	<0.50	1090	<250	<1.0	<1.0
	6/3/2011	7.62	5.12	NP	2.50	3,280	<0.50	<0.50	7.1	<1.5	--	33.8	<0.50	<0.50	<0.50	1310	<250	<1.0	<1.0
	8/10/1990	NSVD	NG	NG	NG	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	1/7/1991	NSVD	NG	NG	NG	ND	ND	ND	ND	1.8	--	--	--	--	--	--	--	--	--
	4/1/1991	NSVD	NG	NG	NG	ND	1.0	2.9	0.53	5.4	--	--	--	--	--	--	--	--	--
	7/3/1991	NSVD	NG	NG	NG	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	10/9/1991	NSVD	NG	NG	NG	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	2/12/1992	NSVD	NG	NG	NG	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--

TABLE 2
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76 Service Station No. 5325
3200 LAKESHORE AVE
OAKLAND, CALIFORNIA

Well I.D.	Date	GROUNDWATER GAUGING DATA				GROUNDWATER ANALYTICAL DATA													
		TOC Elevation (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (SW8021B) (ug/L)	MTBE (SW8260B) (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	1,2-Dibromoethane (EDB) (ug/L)	1,2-Dichloroethane (ug/L)
U-3	5/5/1992	NSVD	NG	NG	NG	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	6/11/1992	NSVD	NG	NG	NG	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	8/20/1992	NSVD	NG	NG	NG	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	2/22/1993	NSVD	NG	NG	NG	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	5/7/1993	NSVD	NG	NG	NG	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	8/8/1993	NSVD	NG	NG	NG	210	5.0	9.7	0.7	4.1	--	--	--	--	--	--	--	--	--
	11/16/1993	7.86	11.81	NP	-3.95	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	2/16/1994	7.86	11.61	NP	-3.75	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	6/22/1994	10.98	11.64	NP	-0.66	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	9/22/1994	10.98	11.76	NP	-0.78	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	12/24/1994	10.98	11.27	NP	-0.29	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	3/25/1995	10.98	10.96	NP	0.02	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	6/21/1995	10.98	11.36	NP	-0.38	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	9/19/1995	10.98	11.55	NP	-0.57	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	12/19/1995	10.98	11.44	NP	-0.46	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	3/18/1996	10.98	11.10	NP	-0.12	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	6/27/1996	10.98	11.15	NP	-0.17	440	49	50	51	140	50	--	--	--	--	--	--	--	--
	9/26/1996	10.98	11.55	NP	-0.57	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	12/9/1996	10.98	10.11	NP	0.87	ND	ND	ND	ND	ND	29	--	--	--	--	--	--	--	--
	3/14/1997	10.98	10.86	NP	0.12	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	6/30/1997	10.98	11.07	NP	-0.09	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	9/19/1997	10.98	11.05	NP	-0.07	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	12/12/1997	10.98	10.57	NP	0.41	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	3/3/1998	10.98	9.84	NP	1.14	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	6/15/1998	10.98	10.56	NP	0.42	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	9/30/1998	10.98	11.11	NP	-0.13	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	12/28/1998	10.98	10.96	NP	0.02	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	3/22/1999	10.98	9.46	NP	1.52	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	6/9/1999	10.98	11.01	NP	-0.03	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	9/8/1999	10.98	11.31	NP	-0.33	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	12/7/1999	10.98	11.26	NP	-0.28	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	3/13/2000	10.98	8.27	NP	2.71	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	6/21/2000	10.98	11.11	NP	-0.13	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	9/27/2000	10.98	11.06	NP	-0.08	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	12/12/2000	10.98	10.93	NP	0.05	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	3/7/2001	10.98	8.31	NP	2.67	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	6/6/2001	10.98	10.93	NP	0.05	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	9/24/2001	10.98	11.02	NP	-0.04	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
	12/10/2001	10.98	8.15	NP	2.83	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
	3/11/2002	10.98	7.82	NP	3.16	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--
	6/4/2002	10.98	10.57	NP	0.41	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
	9/3/2002	10.98	10.93	NP	0.05	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
	12/3/2002	10.98	10.65	NP	0.33	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	--	--	--	--	--	--
	3/4/2003	10.98	10.76	NP	0.22	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	--	--	--	--	--	--
	6/18/2003	10.98	10.26	NP	0.72	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	--	--	--	--	--	--
	9/24/2003	10.98	10.88	NP	0.10	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	--	--	--	<500	--	--
	12/2/2003	10.98	11.00	NP	-0.02	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	--	--	--	<500	--	--
	3/30/2004	10.98	10.64	NP	0.34	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<50	--	--
	6/7/2004	10.98	11.00	NP	-0.02	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<50	--	--
	9/9/2004	10.98	11.31	NP	-0.33	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<50	--	--
	12/20/2004	10.98	10.78	NP	0.20	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<50	--	--
	3/28/2005	10.98	9.80	NP	1.18	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<50	--	--
	6/14/2005	10.98	10.75	NP	0.23	<50	<0.50	<0.50	<0.50	1.2	--	<0.50	--	--	--	--	<50	--	--
	9/28/2005	10.98	11.15	NP	-0.17	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<250	--	--
	12/29/2005	10.98	10.40	NP	0.58	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<250	--	--

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Well I.D.	Date	GROUNDWATER GAUGING DATA				GROUNDWATER ANALYTICAL DATA													
		TOC Elevation (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (SW8021B) (ug/L)	MTBE (SW8260B) (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	1,2-Dibromoethane (EDB) (ug/L)	1,2-Dichloroethane (ug/L)
U-3	3/27/2006	10.98	10.15	NP	0.83	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<250	--	--
	6/12/2006	10.98	9.93	NP	1.05	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<250	--	--
	9/21/2006	10.98	11.01	NP	-0.03	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--	--	--	--	<250	--	--
	12/21/2006	10.98	10.92	NP	0.06	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--	--	--	--	<250	--	--
	3/28/2007	10.98	10.84	NP	0.14	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--	--	--	--	<250	--	--
	6/27/2007	10.98	10.93	NP	0.05	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--	--	--	--	<250	--	--
	9/26/2007	10.98	11.01	NP	-0.03	770	<0.50	<0.50	<0.50	<0.50	--	18	--	--	--	--	<250	--	--
	12/27/2007	10.98	10.93	NP	0.05	<50	<0.50	<0.50	<0.50	<1.0	--	0.63	--	--	--	--	<250	--	--
	3/26/2008	10.98	10.84	NP	0.14	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<250	--	--
	6/18/2008	10.98	10.89	NP	0.09	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<250	--	--
	9/24/2008	10.98	10.89	NP	0.09	<50	<0.50	<0.50	<0.50	<1.0	--	0.87	--	--	--	--	<250	--	--
	12/22/2008	10.98	10.93	NP	0.05	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<250	--	--
	3/26/2009	10.98	10.69	NP	0.29	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<250	--	--
	6/23/2009	10.98	10.40	NP	0.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/2009	10.98	11.10	NP	-0.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/28/2010	10.98	10.67	NP	0.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/30/2010	10.98	10.74	NP	0.24	<50.0	<0.50	<0.50	<0.50	<1.5	--	<0.50	<0.50	<0.50	<0.50	<5.0	<250	<1.0	<1.0
	12/20/2010	10.98	10.37	NP	0.61	<50.0	<0.50	<0.50	<0.50	<1.5	--	0.91	<0.50	<0.50	<0.50	<5.0	<250	<1.0	<1.0
	6/3/2011	10.98	10.54	NP	0.44	<50.0	<0.50	<0.50	<0.50	<1.5	--	0.73	<0.50	<0.50	<0.50	<5.0	<250	<1.0	<1.0
U-4	6/22/1994	11.15	10.15	NP	1.00	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	9/22/1994	11.15	10.78	NP	0.37	ND	0.78	1.3	ND	1.4	--	--	--	--	--	--	--	--	--
	12/24/1994	11.15	9.81	NP	1.34	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	3/25/1995	11.15	9.51	NP	1.64	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	6/21/1995	11.15	9.53	NP	1.62	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	9/19/1995	11.15	10.17	NP	0.98	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	12/19/1995	11.15	9.97	NP	1.18	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	3/18/1996	11.15	9.65	NP	1.50	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	6/27/1996	11.15	9.73	NP	1.42	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	9/26/1996	11.15	10.14	NP	1.01	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	12/9/1996	11.15	8.67	NP	2.48	ND	ND	ND	ND	ND	33	--	--	--	--	--	--	--	--
	3/14/1997	11.15	9.35	NP	1.80	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	6/30/1997	11.15	9.89	NP	1.26	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	9/19/1997	11.15	9.96	NP	1.19	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	12/12/1997	11.15	8.56	NP	2.59	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	3/3/1998	11.15	7.84	NP	3.31	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	6/15/1998	11.15	9.07	NP	2.08	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	9/30/1998	11.15	9.75	NP	1.40	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	12/28/1998	11.15	9.59	NP	1.56	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	3/22/1999	11.15	8.34	NP	2.81	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	6/9/1999	11.15	9.39	NP	1.76	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	9/8/1999	11.15	9.89	NP	1.26	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	12/7/1999	11.15	10.05	NP	1.10	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	3/13/2000	11.15	7.23	NP	3.92	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	6/21/2000	11.15	9.47	NP	1.68	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	9/27/2000	11.15	9.42	NP	1.73	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	12/12/2000	11.15	9.50	NP	1.65	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	3/7/2001	11.15	6.88	NP	4.27	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	6/6/2001	11.15	9.18	NP	1.97	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	9/24/2001	11.15	9.21	NP	1.94	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
	12/10/2001	11.15	7.32	NP	3.83	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
	3/11/2002	11.15	6.92	NP	4.23	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--
	6/4/2002	11.15	7.57	NP	3.58	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
	9/3/2002	11.15	9.17	NP	1.98	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
	12/3/2002	11.15	9.19	NP	1.96	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	--	--	--	--	--	--
	3/4/2003	11.15	9.31	NP	1.84	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	--	--	--	--	--	--
	6/18/2003	11.15	7.65	NP	3.50	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	--	--	--	--	--	--
	9/24/2003	11.15	8.26	NP	2.89	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	--	--	--	<500	--	--

TABLE 2
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 Service Station No. 5325
3200 LAKESHORE AVE
OAKLAND, CALIFORNIA

Well I.D.	Date	GROUNDWATER GAUGING DATA				GROUNDWATER ANALYTICAL DATA													
		TOC Elevation (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (SW8021B) (ug/L)	MTBE (SW8260B) (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	1,2-Dibromoethane (EDB) (ug/L)	1,2-Dichloroethane (ug/L)
U-4	12/2/2003	11.15	9.15	NP	2.00	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	--	--	--	<500	--	--
	3/30/2004	11.15	7.46	NP	3.69	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<50	--	--
	6/7/2004	11.15	8.93	NP	2.22	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<50	--	--
	9/9/2004	11.15	9.82	NP	1.33	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<50	--	--
	12/20/2004	11.15	8.27	NP	2.88	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<50	--	--
	3/28/2005	11.15	6.34	NP	4.81	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<50	--	--
	6/14/2005	11.15	8.10	NP	3.05	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<50	--	--
	9/28/2005	11.15	9.59	NP	1.56	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<250	--	--
	12/29/2005	11.15	7.13	NP	4.02	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<250	--	--
	3/27/2006	11.15	6.26	NP	4.89	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<250	--	--
	6/12/2006	11.15	8.44	NP	2.71	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<250	--	--
	9/21/2006	11.15	9.63	NP	1.52	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--	--	--	--	<250	--	--
	12/21/2006	11.15	8.50	NP	2.65	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--	--	--	--	<250	--	--
	3/28/2007	11.15	8.00	NP	3.15	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--	--	--	--	<250	--	--
	6/27/2007	11.15	8.77	NP	2.38	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--	--	--	--	<250	--	--
	9/26/2007	11.15	9.07	NP	2.08	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--	--	--	--	<250	--	--
	12/27/2007	11.15	8.63	NP	2.52	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<250	--	--
	3/26/2008	11.15	7.86	NP	3.29	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<250	--	--
	6/18/2008	11.15	8.82	NP	2.33	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<250	--	--
	9/24/2008	11.15	9.50	NP	1.65	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<250	--	--
	12/22/2008	11.15	8.55	NP	2.60	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<250	--	--
	3/26/2009	11.15	7.21	NP	3.94	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<250	--	--
	6/23/2009	11.15	8.40	NP	2.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/2009	11.15	9.10	NP	2.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/4/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/28/2010	11.15	8.30	NP	2.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/30/2010	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<1.5	--	<0.50	<0.50	<0.50	<0.50	<5.0	<250	<1.0	<1.0
	12/20/2010	11.15	7.60	NP	3.55	<50.0	<0.50	<0.50	<0.50	<1.5	--	<0.50	<0.50	<0.50	<0.50	<5.0	<250	<1.0	<1.0
	6/3/2011	11.15	8.02	NP	3.13	<50.0	<0.50	<0.50	<0.50	<1.5	--	<0.50	<0.50	<0.50	<0.50	<5.0	<250	<1.0	<1.0
U-5	6/22/1994	6.98	6.82	NP	0.16	210	7.1	13	4.5	26	--	--	--	--	--	--	--	--	--
	9/22/1994	6.98	6.90	NP	0.08	170	8.4	10	8.5	18	--	--	--	--	--	--	--	--	--
	12/24/1994	6.98	6.42	NP	0.56	8,700	560	70	670	430	--	--	--	--	--	--	--	--	--
	3/25/1995	6.98	6.34	NP	0.64	44,000	390	960	1,500	7,600	--	--	--	--	--	--	--	--	--
	6/21/1995	6.98	7.11	NP	-0.13	400	2.3	ND	9.1	3.5	--	--	--	--	--	--	--	--	--
	9/19/1995	6.98	6.98	NP	0.00	850	14	7.1	13	66	--	--	--	--	--	--	--	--	--
	12/19/1995	6.98	7.17	NP	-0.19	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	3/18/1996	6.98	6.65	NP	0.33	100	0.67	0.5	0.51	5.4	--	--	--	--	--	--	--	--	--
	6/27/1996	6.98	6.48	NP	0.50	16,000	280	150	1,400	4,600	530	--	--	--	--	--	--	--	--
	9/26/1996	6.98	7.13	NP	-0.15	ND	ND	0.57	ND	0.96	ND	--	--	--	--	--	--	--	--
	12/9/1996	6.98	5.90	NP	1.08	1,300	29	46	ND	140	97	--	--	--	--	--	--	--	--
	3/14/1997	6.98	6.98	NP	0.00	ND	ND	ND	ND	ND	14	--	--	--	--	--	--	--	--
	6/30/1997	6.98	7.07	NP	-0.09	4,200	74	51	180	980	270	--	--	--	--	--	--	--	--
	9/19/1997	6.98	6.78	NP	0.20	6,300	160	13	370	1,000	480	--	--	--	--	--	--	--	--
	12/12/1997	6.98	6.94	NP	0.04	60	1.3	ND	1.6	2.1	47	--	--	--	--	--	--	--	--
	3/3/1998	6.98	6.50	NP	0.48	1,700	29	ND	150	190	330	--	--	--	--	--	--	--	--
	6/15/1998	6.98	6.84	NP	0.14	1,500	32	ND	91	83	330	--	--	--	--	--	--	--	--
	9/30/1998	6.98	7.30	NP	-0.32	1,700	44	ND	39	150	60	--	--	--	--	--	--	--	--
	12/28/1998	6.98	7.25	NP	-0.27	1,400	59	ND	13	27	150	--	--	--	--	--	--	--	--
	3/22/1999	6.98	6.86	NP	0.12	780	8.9	ND	0.76	4.5	350	--	--	--	--	--	--	--	--
	6/9/1999	6.98	7.28	NP	-0.30	1,000	ND	ND	10	35	280	350	--	--	--	--	--	--	--
	9/8/1999	6.98	7.51	NP	-0.53	2,620	26.2	ND	32.2	157	280	239	--	--	--	--	--	--	--
	12/7/1999	6.98	7.67	NP	-0.69	949	9.26	ND	11.2	22.7	235	301	--	--	--	--	--	--	--
	3/13/2000	6.98	6.73	NP	0.25	880	12	1.0	5.6	8.7	46	37	--	--	--	--	--	--	--
	6/21/2000	6.98	7.38	NP	-0.40	700	4.0	ND	0.99	4.0	120	140	--	--	--	--	--	--	--
	9/27/2000	6.98	7.44	NP	-0.46	400	1.9	ND	ND	1.5	160	250	--	--	--	--	--	--	--
	12/12/2000	6.98	7.67	NP	-0.69	770	3.2	ND	ND	ND	27	13	--	--	--	--	--	--	--

TABLE 2
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 Service Station No. 5325
3200 LAKESHORE AVE
OAKLAND, CALIFORNIA

Well I.D.	Date	GROUNDWATER GAUGING DATA				GROUNDWATER ANALYTICAL DATA													
		TOC Elevation (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (SW8021B) (ug/L)	MTBE (SW8260B) (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	1,2-Dibromoethane (EDB) (ug/L)	1,2-Dichloroethane (ug/L)
U-5	3/7/2001	6.98	6.82	NP	0.16	623	5.15	ND	ND	0.669	35.7	43.4	ND	ND	ND	ND	ND	ND	ND
	6/6/2001	6.98	7.42	NP	-0.44	110	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	9/24/2001	6.98	7.50	NP	-0.52	270	<0.50	<0.50	<0.50	<0.50	40	42	<10	<10	<10	<200	<4000	<10	<10
	12/10/2001	6.98	6.65	NP	0.33	420	13	0.60	0.66	<0.50	<2.5	--	--	--	--	--	--	--	--
	3/11/2002	6.98	7.00	NP	-0.02	260	<0.50	<0.50	<0.50	<0.50	42	47	<2.0	<2.0	<2.0	<100	<500	<2.0	<2.0
	6/4/2002	6.98	6.71	NP	0.27	170	<0.50	0.77	0.87	0.69	29	--	--	--	--	--	--	--	--
	9/3/2002	6.98	7.46	NP	-0.48	<50	<0.50	<0.50	<0.50	<0.50	37	53	<2.0	<2.0	<2.0	<100	<500	<2.0	<2.0
	12/3/2002	6.98	6.63	NP	0.35	320	<0.50	<0.50	5.7	<1.0	--	11	<2.0	<2.0	<2.0	<100	<500	<2.0	<2.0
	3/4/2003	6.98	6.75	NP	0.23	100	<0.50	<0.50	<0.50	<1.0	--	44	<2.0	<2.0	<2.0	<100	<500	<2.0	<2.0
	6/18/2003	6.98	6.25	NP	0.73	51	<0.50	<0.50	<0.50	<1.0	--	36	<2.0	<2.0	<2.0	<100	<500	<2.0	<2.0
	9/24/2003	6.98	6.86	NP	0.12	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	--	--	--	<500	--	--
	12/2/2003	6.98	7.11	NP	-0.13	<50	<0.50	<0.50	<0.50	<1.0	--	24	--	--	--	--	<500	--	--
	3/30/2004	6.98	6.88	NP	0.10	100	<0.50	<0.50	<0.50	<1.0	--	130	<1.0	<0.50	<0.50	52	<50	<0.50	<0.50
	6/7/2004	6.98	8.52	NP	-1.54	250	<0.50	<0.50	<0.50	<1.0	--	160	<1.0	<0.5	<0.5	69	<50	<0.5	<0.5
	9/9/2004	6.98	12.27	NP	-5.29	340	<0.50	<0.50	<0.50	<1.0	--	260	<1.0	<0.50	<0.50	130	<50	<0.50	<0.50
	12/20/2004	6.98	7.51	NP	-0.53	130	<0.50	<0.50	1.9	2.0	--	120	--	--	--	--	<50	--	--
	3/28/2005	6.98	7.21	NP	-0.23	670	<2.0	<2.0	<2.0	<4.0	--	230	<0.50	<0.50	<0.50	150	<50	<0.50	<0.50
	6/14/2005	6.98	7.46	NP	-0.48	160	<0.50	<0.50	<0.50	<1.0	--	400	<0.50	<0.50	<0.50	160	<100	<0.50	<0.50
	9/28/2005	6.98	9.59	NP	-2.61	460	<0.50	<0.50	<0.50	<1.0	--	370	<0.50	<0.50	<0.50	220	<250	<0.50	<0.50
	12/29/2005	6.98	7.53	NP	-0.55	150	<0.50	<0.50	<0.50	<1.0	--	190	<0.50	<0.50	<0.50	280	<250	<0.50	<0.50
	3/27/2006	6.98	6.28	NP	0.70	450	<0.50	<0.50	8.3	<1.0	--	70	--	--	--	--	<250	--	--
	6/12/2006	6.98	6.44	NP	0.54	370	<0.50	<0.50	<0.50	<1.0	--	61	--	--	--	--	<250	--	--
	9/21/2006	6.98	6.59	NP	0.39	130	<0.50	<0.50	<0.50	<0.50	--	35	--	--	--	--	<250	--	--
	12/21/2006	6.98	6.92	NP	0.06	230	<0.50	<0.50	0.58	<0.50	--	11	--	--	--	--	<250	--	--
	3/28/2007	6.98	5.11	NP	1.87	400	<0.50	<0.50	5.4	<0.50	--	13	<0.50	<0.50	<0.50	870	<250	<0.50	<0.50
	6/27/2007	6.98	4.40	NP	2.58	210	<0.50	<0.50	2.4	<0.50	--	18	<0.50	<0.50	<0.50	220	<250	<0.50	<0.50
	9/26/2007	6.98	4.71	NP	2.27	740	<0.50	<0.50	<0.50	<0.50	--	18	--	--	--	--	<250	--	--
	12/27/2007	6.98	6.76	NP	0.22	180	<0.50	<0.50	<0.50	<1.0	--	18	--	--	--	--	<250	--	--
	3/26/2008	6.98	6.40	NP	0.58	310	<0.50	0.64	1.3	1.0	--	27	--	--	--	--	<250	--	--
	6/18/2008	6.98	5.71	NP	1.27	790	<0.50	<0.50	2.4	<1.0	--	22	--	--	--	--	<250	--	--
	9/24/2008	6.98	5.44	NP	1.54	860	1.2	<0.50	3.2	3.7	--	16	--	--	--	--	<250	--	--
	12/22/2008	6.98	6.82	NP	0.16	620	<0.50	<0.50	0.54	1.3	--	13	--	--	--	--	<250	--	--
	3/26/2009	6.98	6.19	NP	0.79	310	<0.50	<0.50	<0.50	<1.0	--	9.4	--	--	--	--	<250	--	--
	6/23/2009	6.98	5.50	NP	1.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/2009	6.98	6.02	NP	0.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U-5	12/4/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/28/2010	6.98	5.51	NP	1.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/30/2010	6.98	5.71	NP	1.27	144	<0.50	<0.50	<0.50	<1.5	--	3.8	<0.50	<0.50	<0.50	66.6	<250	<1.0	<1.0
	12/20/2010	6.98	5.82	NP	1.16	164	<0.50	<0.50	<0.50	<1.5	--	3.9	<0.50	<0.50	<0.50	67.7	<250	<1.0	<1.0
	6/3/2011	6.98	6.05	NP	0.93	85.0	<0.50	<0.50	<0.50	<1.5	--	3.0	<0.50	<0.50	<0.50	61.6	<250	<1.0	<1.0
	6/22/1994	7.14	7.13	NP	0.01	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	9/22/1994	7.14	7.34	NP	-0.20	130	1.3	0.8	ND	0.73	--	--	--	--	--	--	--	--	--
	12/24/1994	7.14	6.67	NP	0.47	6,900	500	59	600	380	--	--	--	--	--	--	--	--	--
	3/25/1995	7.14	6.28	NP	0.86	47,000	450	1,300	1,700	8,200	--	--	--	--	--	--	--	--	--
	6/21/1995	7.14	7.59	NP	-0.45	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	9/19/1995	7.14	7.69	NP	-0.55	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	12/19/1995	7.14	7.75	NP	-0.61	210	2.5	1.0	2.9	17	--	--	--	--	--	--	--	--	--
	3/18/1996	7.14	6.86	NP	0.28	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	6/27/1996	7.14	6.51	NP	0.63	ND	ND	ND	ND	ND	510	--	--	--	--	--	--	--	--
	9/26/1996	7.14	7.61	NP	-0.47	ND	ND	ND	ND	ND	1,400	--	--	--	--	--	--	--	--
	12/9/1996	7.14	5.88	NP	1.26	1,200	29	48	6.4	140	58	--	--	--	--	--	--	--	--
	3/14/1997	7.14	7.30	NP	-0.16	ND	ND	ND	ND	ND	1,500	--	--	--	--	--	--	--	--
	6/30/1997	7.14	7.34	NP	-0.20	ND	ND	ND	ND	ND	990	--	--	--	--	--	--	--	--
	9/19/1997	7.14	7.25	NP	-0.11	ND	ND	ND	ND	ND	1,400	--	--	--	--	--	--	--	--
	12/12/1997	7.14	7.28	NP	-0.14	ND	ND	ND	ND	ND	680	--	--	--	--	--	--	--	--

TABLE 2
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 Service Station No. 5325
3200 LAKESHORE AVE
OAKLAND, CALIFORNIA

Well I.D.	Date	GROUNDWATER GAUGING DATA				GROUNDWATER ANALYTICAL DATA													
		TOC Elevation (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (SW8021B) (ug/L)	MTBE (SW8260B) (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	1,2-Dibromoethane (EDB) (ug/L)	1,2-Dichloroethane (ug/L)
U-6	3/3/1998	7.14	7.00	NP	0.14	ND	ND	ND	ND	ND	1,600	--	--	--	--	--	--	--	--
	6/15/1998	7.14	7.17	NP	-0.03	ND	ND	ND	ND	ND	1,000	--	--	--	--	--	--	--	--
	9/30/1998	7.14	7.90	NP	-0.76	ND	ND	ND	ND	ND	1,200	--	--	--	--	--	--	--	--
	12/28/1998	7.14	7.78	NP	-0.64	ND	ND	ND	ND	ND	730	--	--	--	--	--	--	--	--
	3/22/1999	7.14	7.46	NP	-0.32	ND	ND	ND	ND	ND	1,800	--	--	--	--	--	--	--	--
	6/9/1999	7.14	7.73	NP	-0.59	ND	ND	ND	ND	ND	1,000	850	--	--	--	--	--	--	--
	9/8/1999	7.14	7.94	NP	-0.80	ND	ND	ND	ND	ND	851	1,040	--	--	--	--	--	--	--
	12/7/1999	7.14	8.10	NP	-0.96	ND	ND	ND	ND	ND	1,140	1,150	--	--	--	--	--	--	--
	3/13/2000	7.14	6.94	NP	0.20	ND	ND	ND	ND	ND	560	670	--	--	--	--	--	--	--
	6/21/2000	7.14	7.84	NP	-0.70	ND	ND	ND	ND	ND	400	590	--	--	--	--	--	--	--
	9/27/2000	7.14	7.67	NP	-0.53	ND	ND	ND	ND	ND	2,500	2800	--	--	--	--	--	--	--
	12/12/2000	7.14	7.73	NP	-0.59	ND	ND	ND	ND	ND	590	580	--	--	--	--	--	--	--
	3/7/2001	7.14	7.26	NP	-0.12	ND	ND	ND	ND	ND	310	321	ND	ND	ND	ND	ND	ND	ND
	6/6/2001	7.14	7.80	NP	-0.66	ND	ND	ND	ND	ND	250	330	ND	ND	ND	ND	ND	ND	ND
	9/24/2001	7.14	7.82	NP	-0.68	<50	<0.50	<0.50	<0.50	<0.50	530	660	<100	<100	<100	<2000	<40000	<100	<100
	12/10/2001	7.14	7.15	NP	-0.01	<50	<0.50	<0.50	<0.50	<0.50	220	220	<5.0	<5.0	<5.0	<200	<400	<5.0	<5.0
	3/11/2002	7.14	7.32	NP	-0.18	<50	<0.50	<0.50	<0.50	<0.50	720	760	<8.0	<8.0	<8.0	<400	<2000	<8.0	<8.0
	6/4/2002	7.14	7.17	NP	-0.03	250	<1.0	<1.0	<1.0	<1.0	470	--	--	--	--	--	--	--	--
	9/3/2002	7.14	7.71	NP	-0.57	420	<2.5	<2.5	<2.5	4.7	860	1,200	<40	<40	<40	<2000	<10000	<40	<40
	12/3/2002	7.14	6.92	NP	0.22	<500	<5.0	<5.0	<5.0	<10	--	870	<20	<20	<20	<1000	<5000	<20	<20
	3/4/2003	7.14	7.01	NP	0.13	2,300	<10	<10	<10	<20	--	2,700	<40	<40	<40	<2000	<10000	<40	<40
	6/18/2003	7.14	6.59	NP	0.55	1,300	<10	<10	<10	<20	--	1,700	<40	<40	<40	<2000	<10000	<40	<40
	9/24/2003	7.14	7.23	NP	-0.09	<10000	<100	<100	<100	<200	--	1,500	<400	<400	<400	<20000	<100000	<400	<400
	12/2/2003	7.14	7.80	NP	-0.66	1,300	<10	<10	<10	<20	--	1,800	--	--	--	--	<10000	--	--
	3/30/2004	7.14	7.32	NP	-0.18	1,200	<10	<10	<10	<20	--	1,700	<20	<10	<10	770	<1000	<10	<10
	6/7/2004	7.14	9.35	NP	-2.21	1,700	<10	<10	<10	<20	--	1,800	<20	<10	<10	110	<1000	<10	<10
	9/9/2004	7.14	12.81	NP	-5.67	<1000	<10	<10	<10	<20	--	1,400	<20	<10	<10	1,900	<1000	<10	<10
	12/20/2004	7.14	7.96	NP	-0.82	320	<2.5	<2.5	<2.5	<5.0	--	65	<5.0	<2.5	<2.5	5,000	<250	<2.5	<2.5
	3/28/2005	7.14	7.07	NP	0.07	<50	<0.50	<0.50	<0.50	<1.0	--	150	<0.50	<0.50	<0.50	990	--	<2.5	<0.50
	6/14/2005	7.14	7.88	NP	-0.74	<100	<1.0	<1.0	<1.0	<2.0	--	20	<0.50	<0.50	<0.50	<5.0	<100	<0.5	<0.5
	9/28/2005	7.14	10.43	NP	-3.29	150	<0.50	<0.50	<0.50	<1.0	--	4.6	<0.50	<0.50	<0.50	3,800	<250	<0.50	<0.50
	12/29/2005	7.14	7.63	NP	-0.49	<50	<0.50	<0.50	<0.50	<1.0	--	13	<0.50	<0.50	<0.50	1,100	<250	<0.50	<0.50
	3/27/2006	7.14	6.15	NP	0.99	<50	<0.50	<0.50	<0.50	<1.0	--	8.1	--	--	--	--	<250	--	--
	6/12/2006	7.14	6.59	NP	0.55	<50	<0.50	<0.50	<0.50	<1.0	--	6.9	--	--	--	--	<250	--	--
	9/21/2006	7.14	6.90	NP	0.24	<50	<0.50	<0.50	<0.50	<0.50	--	3.1	--	--	--	--	<250	--	--
	12/21/2006	7.14	7.36	NP	-0.22	<50	<0.50	<0.50	<0.50	<0.50	--	1.2	--	--	--	--	<250	--	--
	3/28/2007	7.14	3.48	NP	3.66	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--	--	--	--	<250	--	--
	6/27/2007	7.14	WI	WI	WI	WI	WI	WI	WI	WI	WI	WI	WI	WI	WI	WI	WI	WI	WI
	9/26/2007	7.14	2.71	NP	4.43	54	<0.50	<0.50	<0.50	<0.50	--	<0.50	--	--	--	--	<250	--	--
	12/27/2007	7.14	6.96	NP	0.18	<50	<0.50	<0.50	<0.50	<1.0	--	2.4	--	--	--	--	<250	--	--
	3/26/2008	7.14	6.55	NP	0.59	<50	<0.50	<0.50	<0.50	<1.0	--	2.3	--	--	--	--	<250	--	--
	6/18/2008	7.14	6.71	NP	0.43	<50	<0.50	<0.50	<0.50	<1.0	--	0.59	--	--	--	--	<250	--	--
	9/24/2008	7.14	5.50	NP	1.64	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<250	--	--
	12/22/2008	7.14	6.48	NP	0.66	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<250	--	--
	3/26/2009	7.14	6.09	NP	1.05	<250	<2.5	<2.5	<2.5	<5.0	--	<2.5	--	--	--	--	<1200	--	--
	6/23/2009	7.14	4.80	NP	2.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/2009	7.14	5.31	NP	1.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/28/2010	7.14	4.77	NP	2.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/30/2010	7.14	4.97	NP	2.17	<50.0	<0.50	<0.50	<0.50	<1.5	--	<0.50	<0.50	<0.50	<0.50	11.4	<250	<1.0	<1.0
	12/20/2010	7.14	4.59	NP	2.55	<50.0	<0.50	<0.50	<0.50	<1.5	--	<0.50	<0.50	<0.50	<0.50	<5.0	<250	<1.0	<1.0
	6/3/2011	7.14	5.26	NP	1.88	<50.0	<0.50	<0.50	<0.50	<1.5	--	<0.50	<0.50	<0.50	<0.50	<5.0	<250	<1.0	<1.0

Gauging Notes:
TOC - Top of Casing
ft - Feet
NP - LNAPL not present
LNAPL - Light non-aqueous phase liquid

Analytical Notes:
< - Not detected at or above indicated laboratory reporting limit
DRY - Well was Dry; sample could not be taken
LPH - Liquid Phase Hydrocarbons
ND - Not detected, and detection limit is not known

TABLE 2
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 Service Station No. 5325
3200 LAKESHORE AVE
OAKLAND, CALIFORNIA

Well I.D.	Date	GROUNDWATER GAUGING DATA				GROUNDWATER ANALYTICAL DATA													
		TOC Elevation (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (SW8021B) (ug/L)	MTBE (SW8260B) (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	1,2-Dibromoethane (EDB) (ug/L)	1,2-Dichloroethane (ug/L)

* - Corrected for LNAPL if present (assumes LNAPL specific gravity = 0.75)
NG - Not gauged
WI - Well Inaccessable
NSVD - Not surveyed
DRY - Well is dry
-- - No information available

ug/L - micrograms/liter
WI - Well Inaccessable
TPHg- Total Petroleum Hydrocarbon as gasoline
MTBE- Methyl tertiary-butyl ether
TBA- Tertiary-butyl alcohol
DIPE- Di-isopropyl ether
ETBE- Ethyl tertiary-butyl ether
TAME- Tertiary-amyl methyl ether

TABLE 2a
ADDITIONAL HISTORICAL GROUNDWATER ANALYTICAL DATA
76 Service Station No. 5325
3200 LAKESHORE AVE
OAKLAND, CALIFORNIA

Well I.D.	Date	GROUNDWATER ANALYTICAL DATA																			
		Acenaphthylene (ug/L)	Acetone (ug/L)	Alkalinity, Total as CaCO3 (ug/L)	Antimony SW6010 D (ug/L)	Antimony SW6010 T (ug/L)	Arsenic SW6010 D (ug/L)	Arsenic SW6010 T (ug/L)	Barium SW6010 D (ug/L)	Barium SW6010 T (ug/L)	Beryllium SW6010 D (ug/L)	Beryllium SW6010 T (ug/L)	Biochemical Oxygen Demand (ug/L)	Cadmium SW6010 D (ug/L)	Cadmium SW6010 T (ug/L)	Chemical Oxygen Demand (ug/L)	Chloride (ug/L)	Cobalt SW6010 D (ug/L)	Cobalt SW6010 T (ug/L)	Iron SW6010 T (ug/L)	Iron, Ferric (ug/L)
U-1	6/30/2010	--	<5.0	--	<60.0	<60.0	52.5	52.5	293	293	<5.0	<5.0	23,400	<5.0	<5.0	113,000	43,800	<50.0	<50.0	27,700	23,700
	12/20/2010	--	<5.0	371,000	<60.0	<60.0	32.5	32.5	237	237	<5.0	<5.0	16,700	<5.0	<5.0	41,000	46,000	<50.0	<50.0	10,600	7,000
	6/3/2011	--	<5.0	--	<60.0	<60.0	44.0	44.0	224	224	<5.0	<5.0	19,600	<5.0	<5.0	40,400	40,700	<50.0	<50.0	27,100	24,700
U-2	6/30/2010	--	29.5	--	<60.0	<60.0	100	100	264	264	<5.0	<5.0	12,300	<5.0	<5.0	62,100	74,000	<50.0	<50.0	5,760	2,560
	12/20/2010	--	13.5	754,000	<60.0	<60.0	46.4	46.4	209	209	<5.0	<5.0	17,300	<5.0	<5.0	65,500	61,400	<50.0	<50.0	3,710	<100
	6/3/2011	--	<5.0	--	<60.0	<60.0	64.4	64.4	190	190	<5.0	<5.0	<2000	<5.0	<5.0	65,600	57,700	<50.0	<50.0	10,900	8,700
U-3	9/27/2000	307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/30/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	952	--
	12/20/2010	--	--	312,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	812	--
	6/3/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U-4	6/30/2010	--	<5.0	--	<60.0	<60.0	<10.0	<10.0	<100	<100	<5.0	<5.0	<2000	<5.0	<5.0	<5000	41,100	<50.0	<50.0	395	395
	12/20/2010	--	<5.0	352,000	<60.0	<60.0	<20.0	<20.0	<100	<100	<5.0	<5.0	<2000	<5.0	<5.0	9,090	43,500	<50.0	<50.0	118	118
	6/3/2011	--	<5.0	--	<60.0	<60.0	<20.0	<20.0	<100	<100	<5.0	<5.0	11,500	<5.0	<5.0	9,530	40,600	<50.0	<50.0	<100	<100
U-5	6/30/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6,650	--
	12/20/2010	--	--	319,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7,160	--
	6/3/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U-6	6/30/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	566,000	--
	12/20/2010	--	--	87,800	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	28,500	--
	6/3/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Analytical Notes:
< - Not detected at or above indicated laboratory reporting limit
DRY - Well was Dry; sample could not be taken
LPH - Liquid Phase Hydrocarbons
ug/L - micrograms/liter

TABLE 2b
ADDITIONAL HISTORICAL GROUNDWATER ANALYTICAL DATA
76 Service Station No. 5325
3200 LAKESHORE AVE
OAKLAND, CALIFORNIA

Well I.D.	Date	GROUNDWATER ANALYTICAL DATA																		
		Iron, Ferrous A3500D (ug/L)	Lead SW6010 D (ug/L)	Lead SW6010 T (ug/L)	Manganese SW6010 D (ug/L)	Manganese SW6010 T (ug/L)	Mercury SW7470A D (ug/L)	Mercury SW7470A T (ug/L)	Molybdenum SW6010 D (ug/L)	Molybdenum SW6010 T (ug/L)	Nickel SW6010 D (ug/L)	Nickel SW6010 T (ug/L)	Nitrate as N (ug/L)	Nitrite as N (ug/L)	Nitrogen (ug/L)	Nitrogen, NO2 plus NO3 (ug/L)	Oxidation Reduction Potential FIELD_PostPurge (MILLIVOLTS)	Oxidation Reduction Potential FIELD_PrePurge (MILLIVOLTS)	Oxygen, Dissolved FIELD_PostPurge (mg/L)	Oxygen, Dissolved FIELD_PrePurge (mg/L)	Phosphate (mg/L)
U-1	6/15/1998	39000	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	382	382	--	--	ND
	9/30/1998	17000	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	366	366	--	--	ND
	12/28/1998	4300	--	--	--	--	--	--	--	--	--	--	6300	--	--	--	298	298	--	--	28
	3/22/1999	4900	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	320	320	--	--	3.5
	6/9/1999	1200	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	260	260	--	--	ND
	9/8/1999	1800	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	85	85	--	--	ND
	12/7/1999	5700	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	404	404	--	--	17.0
	3/13/2000	8000	--	--	--	--	--	--	--	--	--	--	180	--	--	--	262	262	--	--	ND
	6/21/2000	9300	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	148	148	--	--	ND
	9/27/2000	2800	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	119	119	--	--	18.4
	12/12/2000	490	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	131	131	--	--	16.0
	3/7/2001	483	--	--	--	--	--	--	--	--	--	--	2640	--	--	--	125	125	--	--	6.89
	6/6/2001	1000	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	141	141	--	--	2.7
	9/24/2001	<100	--	--	--	--	--	--	--	--	--	--	450	--	--	--	125	125	--	--	--
	12/10/2001	14000	--	--	--	--	--	--	--	--	--	--	<500	--	--	--	141	141	--	--	2.2
	3/11/2002	15000	--	--	--	--	--	--	--	--	--	--	<500	--	--	--	132	132	--	--	0.11
	6/4/2002	<500	--	--	--	--	--	--	--	--	--	--	<500	--	--	--	117	117	--	--	<0.10
	9/3/2002	<500	--	--	--	--	--	--	--	--	--	--	<500	--	--	--	94	94	--	--	<0.10
	12/3/2002	9600	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	72	72	--	--	<1.0
	3/4/2003	36000	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	-125	-125	--	--	<1.0
	6/18/2003	16000	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	-48	-48	--	--	<1.0
	9/24/2003	15	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	-36	-36	--	--	<1.0
	12/2/2003	4000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/30/2004	12000	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	--	--	--	--	--
	6/7/2004	660	--	--	--	--	--	--	--	--	--	--	<500	--	--	--	--	--	--	--	--
	9/9/2004	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	12/20/2004	0.015	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	--	--	--	--	--
	3/28/2005	16	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	--	--	--	--	--
	6/14/2005	7100	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	--	--	--	--	--
	9/28/2005	7300	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	12/29/2005	9500	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	3/27/2006	8500	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	6/12/2006	25000	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	9/21/2006	16000	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	12/21/2006	22000	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	3/28/2007	20000	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	6/27/2007	35000	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	9/26/2007	27000	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	12/27/2007	25000	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	3/26/2008	23000	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	6/18/2008	30000	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	9/24/2008	5000	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	12/22/2008	23000	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	3/26/2009	2400	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	6/23/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/4/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/28/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/30/2010	4000	13.2	13.2	3290	3290	<0.20	<0.20	<20.0	<20.0	<40.0	<40.0	<50.0	131	8800	112	--	--	--	--	--
	12/20/2010	3600	<10.0	<10.0	3020	3020	<0.20	<0.20	<20.0	<20.0	<40.0	<40.0	<50.0	111	4280	82.1	--	--	--	--	--
	6/3/2011	2400	<10.0	<10.0	2920	2920	<0.20	<0.20	<20.0	<20.0	<40.0	<40.0	52.0	<10	--	60.2	--	--	--	--	--
U-2	3/3/1998	25000	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	369	369	--	--	ND
	6/15/1998	42000	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	341	341	--	--	ND
	9/30/1998	25000	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	354	354	--	--	ND
	12/28/1998	28000	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	276	276	--	--	ND
	3/22/1999	680	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	320	320	--	--	2.3
	6/9/1999	500	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	290	290	--	--	ND
	9/8/1999	1900	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	235	235	--	--	ND
	12/7/1999	250	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	389	389	--	--	ND
	3/13/2000	4300	--	--	--	--	--	--	--	--	--	--	310	--	--	--	184	184	--	--	ND
	6/21/2000	260	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	136	136	--	--	ND

TABLE 2b
ADDITIONAL HISTORICAL GROUNDWATER ANALYTICAL DATA
76 Service Station No. 5325
3200 LAKESHORE AVE
OAKLAND, CALIFORNIA

Well I.D.	Date	GROUNDWATER ANALYTICAL DATA																		
		Iron, Ferrous A3500D (ug/L)	Lead SW6010 D (ug/L)	Lead SW6010 T (ug/L)	Manganese SW6010 D (ug/L)	Manganese SW6010 T (ug/L)	Mercury SW7470A D (ug/L)	Mercury SW7470A T (ug/L)	Molybdenum SW6010 D (ug/L)	Molybdenum SW6010 T (ug/L)	Nickel SW6010 D (ug/L)	Nickel SW6010 T (ug/L)	Nitrate as N (ug/L)	Nitrite as N (ug/L)	Nitrogen (ug/L)	Nitrogen, NO2 plus NO3 (ug/L)	Oxidation Reduction Potential FIELD_PostPurge (MILLIVOLTS)	Oxidation Reduction Potential FIELD_PrePurge (MILLIVOLTS)	Oxygen, Dissolved FIELD_PostPurge (mg/L)	Oxygen, Dissolved FIELD_PrePurge (mg/L)	Phosphate (mg/L)
U-2	9/27/2000	640	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	142	142	--	--	10.5
	12/12/2000	2700	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	155	155	--	--	ND
	3/7/2001	677	--	--	--	--	--	--	--	--	--	--	2240	--	--	--	148	148	--	--	3.02
	6/6/2001	800	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	163	163	--	--	2.8
	9/24/2001	<100	--	--	--	--	--	--	--	--	--	--	490	--	--	--	151	151	--	--	--
	12/10/2001	<100	--	--	--	--	--	--	--	--	--	--	<500	--	--	--	171	171	--	--	0.20
	3/11/2002	<100	--	--	--	--	--	--	--	--	--	--	<500	--	--	--	156	156	--	--	0.65
	6/4/2002	<100	--	--	--	--	--	--	--	--	--	--	<500	--	--	--	144	144	--	--	<0.10
	9/3/2002	<250	--	--	--	--	--	--	--	--	--	--	<500	--	--	--	151	151	--	--	0.26
	12/3/2002	9900	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	94	94	--	--	<1.0
	3/4/2003	8600	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	-147	-147	--	--	<1.0
	6/18/2003	5500	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	-8	-8	--	--	3.1
	9/24/2003	14	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	-10	-10	--	--	<1.0
	12/2/2003	2700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/30/2004	<200	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	--	--	--	--	--
	6/7/2004	210	--	--	--	--	--	--	--	--	--	--	<500	--	--	--	--	--	--	--	--
	9/9/2004	930	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	--	--	--	--	--
	12/20/2004	0.87	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	--	--	--	--	--
	3/28/2005	4.0	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	--	--	--	--	--
	6/14/2005	3400	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	--	--	--	--	--
	9/28/2005	4000	--	--	--	--	--	--	--	--	--	--	<200	--	--	--	--	--	--	--	--
	12/29/2005	2200	--	--	--	--	--	--	--	--	--	--	<200	--	--	--	--	--	--	--	--
	3/27/2006	1100	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	6/12/2006	1500	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	9/21/2006	100	--	--	--	--	--	--	--	--	--	--	33000	--	--	--	--	--	--	--	--
	12/21/2006	770	--	--	--	--	--	--	--	--	--	--	<200	--	--	--	--	--	--	--	--
	3/28/2007	8600	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	6/27/2007	9000	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	9/26/2007	22000	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	12/27/2007	7600	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	3/26/2008	11000	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	6/18/2008	16000	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	9/24/2008	4600	--	--	--	--	--	--	--	--	--	--	<200	--	--	--	--	--	--	--	--
	12/22/2008	13000	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	3/26/2009	2600	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	6/23/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/4/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/28/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/30/2010	3200	<10.0	<10.0	5180	5180	<0.20	<0.20	60.3	60.3	<40.0	<40.0	62.1	19.4	4330	81.5	--	--	--	--	--
	12/20/2010	4400	<10.0	<10.0	5740	5740	<0.20	<0.20	49.5	49.5	<40.0	<40.0	<50.0	29.6	4360	<50.0	--	--	--	--	--
	6/3/2011	2200	<10.0	<10.0	4990	4990	<0.20	<0.20	34.5	34.5	<40.0	<40.0	<50.0	<10	--	<50.0	--	--	--	--	--
U-3	6/30/1997	1400	--	--	--	--	--	--	--	--	--	--	21000	--	--	--	190	190	--	--	0.86
	9/19/1997	570	--	--	--	--	--	--	--	--	--	--	19000	--	--	--	75	75	--	--	ND
	12/12/1997	1900	--	--	--	--	--	--	--	--	--	--	23000	--	--	--	390	390	--	--	0.85
	3/3/1998	13	--	--	--	--	--	--	--	--	--	--	36000	--	--	--	358	358	--	--	ND
	6/15/1998	160	--	--	--	--	--	--	--	--	--	--	33000	--	--	--	318	318	--	--	ND
	9/30/1998	40	--	--	--	--	--	--	--	--	--	--	31000	--	--	--	295	295	--	--	ND
	12/28/1998	ND	--	--	--	--	--	--	--	--	--	--	29000	--	--	--	281	281	--	--	ND
	3/22/1999	15	--	--	--	--	--	--	--	--	--	--	30000	--	--	--	310	310	--	--	0.14
	6/9/1999	ND	--	--	--	--	--	--	--	--	--	--	26000	--	--	--	350	350	--	--	1.2
	9/8/1999	ND	--	--	--	--	--	--	--	--	--	--	32900	--	--	--	417	417	--	--	ND
	12/7/1999	52	--	--	--	--	--	--	--	--	--	--	27900	--	--	--	437	437	--	--	ND
	3/13/2000	150	--	--	--	--	--	--	--	--	--	--	33000	--	--	--	307	307	--	--	ND
	6/21/2000	200	--	--	--	--	--	--	--	--	--	--	32000	--	--	--	225	225	--	--	ND
	9/27/2000	ND	--	--	--	--	--	--	--	--	--	--	34000	--	--	--	211	211	--	--	15.7
	12/12/2000	ND	--	--	--	--	--	--	--	--	--	--	31000	--	--	--	246	246	--	--	ND
	3/7/2001	ND	--	--	--	--	--	--	--	--	--	--	36500	--	--	--	251	251	--	--	0.443
	6/6/2001	ND	--	--	--	--	--	--	--	--	--	--	8000	--	--	--	214	214	--	--	0.18
	9/24/2001	<100	--	--	--	--	--	--	--	--	--	--	23000	--	--	--	198	198	--	--	ND
	12/10/2001	<100	--	--	--	--	--	--	--	--	--	--	21000	--	--	--	188	188	--	--	0.11

TABLE 2b
ADDITIONAL HISTORICAL GROUNDWATER ANALYTICAL DATA
76 Service Station No. 5325
3200 LAKESHORE AVE
OAKLAND, CALIFORNIA

Well I.D.	Date	GROUNDWATER ANALYTICAL DATA																		
		Iron, Ferrous A3500D (ug/L)	Lead SW6010 D (ug/L)	Lead SW6010 T (ug/L)	Manganese SW6010 D (ug/L)	Manganese SW6010 T (ug/L)	Mercury SW7470A D (ug/L)	Mercury SW7470A T (ug/L)	Molybdenum SW6010 D (ug/L)	Molybdenum SW6010 T (ug/L)	Nickel SW6010 D (ug/L)	Nickel SW6010 T (ug/L)	Nitrate as N (ug/L)	Nitrite as N (ug/L)	Nitrogen (ug/L)	Nitrogen, NO2 plus NO3 (ug/L)	Oxidation Reduction Potential FIELD_PostPurge (MILLIVOLTS)	Oxidation Reduction Potential FIELD_PrePurge (MILLIVOLTS)	Oxygen, Dissolved FIELD_PostPurge (mg/L)	Oxygen, Dissolved FIELD_PrePurge (mg/L)	Phosphate (mg/L)
U-3	3/11/2002	<100	--	--	--	--	--	--	--	--	--	--	30000	--	--	--	166	166	--	--	0.14
	6/4/2002	<100	--	--	--	--	--	--	--	--	--	--	18000	--	--	--	151	151	--	--	<0.10
	9/3/2002	<100	--	--	--	--	--	--	--	--	--	--	28000	--	--	--	143	143	--	--	<0.10
	12/3/2002	<200	--	--	--	--	--	--	--	--	--	--	20000	--	--	--	154	154	--	--	<1.0
	3/4/2003	<200	--	--	--	--	--	--	--	--	--	--	18000	--	--	--	-136	-136	--	--	<1.0
	6/18/2003	<200	--	--	--	--	--	--	--	--	--	--	17000	--	--	--	333	333	--	--	<1.0
	9/24/2003	<0.20	--	--	--	--	--	--	--	--	--	--	18000	--	--	--	-50	-50	--	--	1.4
	12/2/2003	<200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/30/2004	<200	--	--	--	--	--	--	--	--	--	--	16000	--	--	--	--	--	--	--	--
	6/7/2004	<200	--	--	--	--	--	--	--	--	--	--	17000	--	--	--	--	--	--	--	--
	9/9/2004	<10	--	--	--	--	--	--	--	--	--	--	16000	--	--	--	--	--	--	--	--
	12/20/2004	<0.010	--	--	--	--	--	--	--	--	--	--	17000	--	--	--	--	--	--	--	--
	3/28/2005	<0.050	--	--	--	--	--	--	--	--	--	--	17000	--	--	--	--	--	--	--	--
	6/14/2005	<50	--	--	--	--	--	--	--	--	--	--	18000	--	--	--	--	--	--	--	--
	9/28/2005	<100	--	--	--	--	--	--	--	--	--	--	4300	--	--	--	--	--	--	--	--
	12/29/2005	<100	--	--	--	--	--	--	--	--	--	--	4300	--	--	--	--	--	--	--	--
	3/27/2006	<100	--	--	--	--	--	--	--	--	--	--	4500	--	--	--	--	--	--	--	--
	6/12/2006	<100	--	--	--	--	--	--	--	--	--	--	4400	--	--	--	--	--	--	--	--
	9/21/2006	170	--	--	--	--	--	--	--	--	--	--	4400	--	--	--	--	--	--	--	--
	12/21/2006	<100	--	--	--	--	--	--	--	--	--	--	4500	--	--	--	--	--	--	--	--
	3/28/2007	<100	--	--	--	--	--	--	--	--	--	--	4700	--	--	--	--	--	--	--	--
	6/27/2007	<100	--	--	--	--	--	--	--	--	--	--	4500	--	--	--	--	--	--	--	--
	9/26/2007	9900	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	12/27/2007	130	--	--	--	--	--	--	--	--	--	--	4600	--	--	--	--	--	--	--	--
	3/26/2008	190	--	--	--	--	--	--	--	--	--	--	5100	--	--	--	--	--	--	--	--
	6/18/2008	<100	--	--	--	--	--	--	--	--	--	--	4900	--	--	--	--	--	--	--	--
	9/24/2008	150	--	--	--	--	--	--	--	--	--	--	4700	--	--	--	--	--	--	--	--
	12/22/2008	<100	--	--	--	--	--	--	--	--	--	--	4800	--	--	--	--	--	--	--	--
	3/26/2009	<100	--	--	--	--	--	--	--	--	--	--	4800	--	--	--	--	--	--	--	--
	6/23/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/28/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/30/2010	--	--	--	--	--	--	--	--	--	--	--	--	<10.0	--	4690	--	--	--	--	--
	12/20/2010	--	--	--	--	--	--	--	--	--	--	--	4770	13.3	--	4780	--	--	--	--	--
	6/3/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U-4	6/30/1997	130	--	--	--	--	--	--	--	--	--	--	35000	--	--	--	200	200	--	--	0.52
	9/19/1997	350	--	--	--	--	--	--	--	--	--	--	30000	--	--	--	45	45	--	--	ND
	12/12/1997	680	--	--	--	--	--	--	--	--	--	--	31000	--	--	--	380	380	--	--	0.73
	3/3/1998	18	--	--	--	--	--	--	--	--	--	--	3200	--	--	--	284	284	--	--	ND
	6/15/1998	140	--	--	--	--	--	--	--	--	--	--	33000	--	--	--	256	256	--	--	ND
	9/30/1998	49	--	--	--	--	--	--	--	--	--	--	31000	--	--	--	276	276	--	--	ND
	12/28/1998	360	--	--	--	--	--	--	--	--	--	--	31000	--	--	--	280	280	--	--	ND
	3/22/1999	ND	--	--	--	--	--	--	--	--	--	--	30000	--	--	--	320	320	--	--	0.14
	6/9/1999	ND	--	--	--	--	--	--	--	--	--	--	35000	--	--	--	340	340	--	--	0.91
	9/8/1999	ND	--	--	--	--	--	--	--	--	--	--	24000	--	--	--	391	391	--	--	ND
	12/7/1999	ND	--	--	--	--	--	--	--	--	--	--	27700	--	--	--	478	478	--	--	ND
	3/13/2000	ND	--	--	--	--	--	--	--	--	--	--	33000	--	--	--	244	244	--	--	ND
	6/21/2000	34	--	--	--	--	--	--	--	--	--	--	32000	--	--	--	248	248	--	--	ND
	9/27/2000	ND	--	--	--	--	--	--	--	--	--	--	28000	--	--	--	198	198	--	--	ND
	12/12/2000	ND	--	--	--	--	--	--	--	--	--	--	30000	--	--	--	210	210	--	--	ND
	3/7/2001	ND	--	--	--	--	--	--	--	--	--	--	33900	--	--	--	233	233	--	--	0.226
	6/6/2001	ND	--	--	--	--	--	--	--	--	--	--	7400	--	--	--	248	248	--	--	0.21
	9/24/2001	<100	--	--	--	--	--	--	--	--	--	--	24000	--	--	--	262	262	--	--	--
	12/10/2001	<100	--	--	--	--	--	--	--	--	--	--	19000	--	--	--	242	242	--	--	0.10
	3/11/2002	<100	--	--	--	--	--	--	--	--	--	--	31000	--	--	--	195	195	--	--	0.14
	6/4/2002	<100	--	--	--	--	--	--	--	--	--	--	27000	--	--	--	169	169	--	--	<0.10
	9/3/2002	<100	--	--	--	--	--	--	--	--	--	--	28000	--	--	--	126	126	--	--	0.27
	12/3/2002	<200	--	--	--	--	--	--	--	--	--	--	20000	--	--	--	133	133	--	--	<1.0
	3/4/2003	<200	--	--	--	--	--	--	--	--	--	--	26000	--	--	--	-148	-148	--	--	<1.0
	6/18/2003	<200	--	--	--	--	--	--	--	--	--	--	31000	--	--	--	250	250	--	--	<1.0
	9/24/2003	<0.20	--	--	--	--	--	--	--	--	--	--	17000	--	--	--	-24	-24	--	--	1.5

TABLE 2b
ADDITIONAL HISTORICAL GROUNDWATER ANALYTICAL DATA
76 Service Station No. 5325
3200 LAKESHORE AVE
OAKLAND, CALIFORNIA

Well I.D.	Date	GROUNDWATER ANALYTICAL DATA																		
		Iron, Ferrous A3500D (ug/L)	Lead SW6010 D (ug/L)	Lead SW6010 T (ug/L)	Manganese SW6010 D (ug/L)	Manganese SW6010 T (ug/L)	Mercury SW7470A D (ug/L)	Mercury SW7470A T (ug/L)	Molybdenum SW6010 D (ug/L)	Molybdenum SW6010 T (ug/L)	Nickel SW6010 D (ug/L)	Nickel SW6010 T (ug/L)	Nitrate as N (ug/L)	Nitrite as N (ug/L)	Nitrogen (ug/L)	Nitrogen, NO2 plus NO3 (ug/L)	Oxidation Reduction Potential FIELD_PostPurge (MILLIVOLTS)	Oxidation Reduction Potential FIELD_PrePurge (MILLIVOLTS)	Oxygen, Dissolved FIELD_PostPurge (mg/L)	Oxygen, Dissolved FIELD_PrePurge (mg/L)	Phosphate (mg/L)
U-4	12/2/2003	<200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/30/2004	<200	--	--	--	--	--	--	--	--	--	--	25000	--	--	--	--	--	--	--	--
	6/7/2004	<200	--	--	--	--	--	--	--	--	--	--	24000	--	--	--	--	--	--	--	--
	9/9/2004	<10	--	--	--	--	--	--	--	--	--	--	22000	--	--	--	--	--	--	--	--
	12/20/2004	<0.010	--	--	--	--	--	--	--	--	--	--	20000	--	--	--	--	--	--	--	--
	3/28/2005	0.060	--	--	--	--	--	--	--	--	--	--	31000	--	--	--	--	--	--	--	--
	6/14/2005	<50	--	--	--	--	--	--	--	--	--	--	32000	--	--	--	--	--	--	--	--
	9/28/2005	190	--	--	--	--	--	--	--	--	--	--	6800	--	--	--	--	--	--	--	--
	12/29/2005	<100	--	--	--	--	--	--	--	--	--	--	5300	--	--	--	--	--	--	--	--
	3/27/2006	<100	--	--	--	--	--	--	--	--	--	--	6400	--	--	--	--	--	--	--	--
	6/12/2006	2200	--	--	--	--	--	--	--	--	--	--	6800	--	--	--	--	--	--	--	--
	9/21/2006	360	--	--	--	--	--	--	--	--	--	--	5700	--	--	--	--	--	--	--	--
	12/21/2006	<100	--	--	--	--	--	--	--	--	--	--	5600	--	--	--	--	--	--	--	--
	3/28/2007	<100	--	--	--	--	--	--	--	--	--	--	5500	--	--	--	--	--	--	--	--
	6/27/2007	<100	--	--	--	--	--	--	--	--	--	--	5300	--	--	--	--	--	--	--	--
	9/26/2007	<100	--	--	--	--	--	--	--	--	--	--	5400	--	--	--	--	--	--	--	--
	12/27/2007	<100	--	--	--	--	--	--	--	--	--	--	5300	--	--	--	--	--	--	--	--
	3/26/2008	160	--	--	--	--	--	--	--	--	--	--	5600	--	--	--	--	--	--	--	--
	6/18/2008	<100	--	--	--	--	--	--	--	--	--	--	5600	--	--	--	--	--	--	--	--
	9/24/2008	250	--	--	--	--	--	--	--	--	--	--	5100	--	--	--	--	--	--	--	--
	12/22/2008	140	--	--	--	--	--	--	--	--	--	--	4800	--	--	--	--	--	--	--	--
	3/26/2009	<100	--	--	--	--	--	--	--	--	--	--	4400	--	--	--	--	--	--	--	--
	6/23/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/4/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/28/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/30/2010	<100	<10.0	<10.0	19.7	19.7	<0.20	<0.20	<20.0	<20.0	<40.0	<40.0	4870	<10.0	<1000	4880	--	--	--	--	--
	12/20/2010	<100	<10.0	<10.0	<15.0	<15.0	<0.20	<0.20	<20.0	<20.0	<40.0	<40.0	4090	<10.0	<1000	4100	--	--	--	--	--
	6/3/2011	200	<10.0	<10.0	<15.0	<15.0	<0.20	<0.20	<20.0	<20.0	<40.0	<40.0	4280	<10	--	4280	--	--	--	--	--
U-5	6/30/1997	16000	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	160	160	--	--	ND
	9/19/1997	220	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	63	63	--	--	ND
	12/12/1997	6700	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	400	400	--	--	ND
	3/3/1998	18000	--	--	--	--	--	--	--	--	--	--	3100	--	--	--	345	345	--	--	ND
	6/15/1998	17000	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	333	333	--	--	ND
	9/30/1998	17000	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	318	318	--	--	ND
	12/28/1998	17000	--	--	--	--	--	--	--	--	--	--	6600	--	--	--	305	305	--	--	ND
	3/22/1999	120	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	340	340	--	--	2.4
	6/9/1999	230	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	320	320	--	--	ND
	9/8/1999	2100	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	335	335	--	--	ND
	12/7/1999	310	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	408	408	--	--	ND
	3/13/2000	330	--	--	--	--	--	--	--	--	--	--	160	--	--	--	264	264	--	--	ND
	6/21/2000	150	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	159	159	--	--	ND
	9/27/2000	330	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	136	136	--	--	ND
	12/12/2000	86	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	122	122	--	--	ND
	3/7/2001	1070	--	--	--	--	--	--	--	--	--	--	3020	--	--	--	141	141	--	--	4.00
	6/6/2001	ND	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	112	112	--	--	1.2
	9/24/2001	<100	--	--	--	--	--	--	--	--	--	--	770	--	--	--	146	146	--	--	--
	12/10/2001	3700	--	--	--	--	--	--	--	--	--	--	<500	--	--	--	96	96	--	--	2.6
	3/11/2002	100	--	--	--	--	--	--	--	--	--	--	<500	--	--	--	108	108	--	--	0.52
	6/4/2002	<250	--	--	--	--	--	--	--	--	--	--	<500	--	--	--	118	118	--	--	<0.10
	9/3/2002	<250	--	--	--	--	--	--	--	--	--	--	<500	--	--	--	87	87	--	--	<0.10
	12/3/2002	22000	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	104	104	--	--	<1.0
	3/4/2003	19000	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	-166	-166	--	--	<1.0
	6/18/2003	11000	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	-10	-10	--	--	<1.0
	9/24/2003	<0.20	--	--	--	--	--	--	--	--	--	--	18000	--	--	--	-28	-28	--	--	1.8
	12/2/2003	9400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/30/2004	5900	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	--	--	--	--	--
	6/7/2004	3800	--	--	--	--	--	--	--	--	--	--	<500	--	--	--	--	--	--	--	--
	9/9/2004	4100	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	--	--	--	--	--
	12/20/2004	5.0	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	--	--	--	--	--
	3/28/2005	6.5	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	--	--	--	--	--

TABLE 2b
ADDITIONAL HISTORICAL GROUNDWATER ANALYTICAL DATA
76 Service Station No. 5325
3200 LAKESHORE AVE
OAKLAND, CALIFORNIA

Well I.D.	Date	GROUNDWATER ANALYTICAL DATA																		
		Iron, Ferrous A3500D (ug/L)	Lead SW6010 D (ug/L)	Lead SW6010 T (ug/L)	Manganese SW6010 D (ug/L)	Manganese SW6010 T (ug/L)	Mercury SW7470A D (ug/L)	Mercury SW7470A T (ug/L)	Molybdenum SW6010 D (ug/L)	Molybdenum SW6010 T (ug/L)	Nickel SW6010 D (ug/L)	Nickel SW6010 T (ug/L)	Nitrate as N (ug/L)	Nitrite as N (ug/L)	Nitrogen (ug/L)	Nitrogen, NO2 plus NO3 (ug/L)	Oxidation Reduction Potential FIELD_PostPurge (MILLIVOLTS)	Oxidation Reduction Potential FIELD_PrePurge (MILLIVOLTS)	Oxygen, Dissolved FIELD_PostPurge (mg/L)	Oxygen, Dissolved FIELD_PrePurge (mg/L)	Phosphate (mg/L)
U-5	6/14/2005	7400	--	--	--	--	--	--	--	--	--	--	3600	--	--	--	--	--	--	--	--
	9/28/2005	7300	--	--	--	--	--	--	--	--	--	--	<500	--	--	--	--	--	--	--	--
	12/29/2005	7300	--	--	--	--	--	--	--	--	--	--	<500	--	--	--	--	--	--	--	--
	3/27/2006	6300	--	--	--	--	--	--	--	--	--	--	<500	--	--	--	--	--	--	--	--
	6/12/2006	8700	--	--	--	--	--	--	--	--	--	--	<200	--	--	--	--	--	--	--	--
	9/21/2006	6800	--	--	--	--	--	--	--	--	--	--	<500	--	--	--	--	--	--	--	--
	12/21/2006	15000	--	--	--	--	--	--	--	--	--	--	<500	--	--	--	--	--	--	--	--
	3/28/2007	10000	--	--	--	--	--	--	--	--	--	--	<200	--	--	--	--	--	--	--	--
	6/27/2007	10000	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	9/26/2007	9200	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	12/27/2007	5900	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	3/26/2008	10000	--	--	--	--	--	--	--	--	--	--	<200	--	--	--	--	--	--	--	--
	6/18/2008	6700	--	--	--	--	--	--	--	--	--	--	120	--	--	--	--	--	--	--	--
	9/24/2008	7900	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	12/22/2008	9200	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	3/26/2009	990	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--	--
	6/23/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/4/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/28/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/30/2010	--	--	--	--	--	--	--	--	--	--	--	--	39.9	--	91.5	--	--	--	--	--
	12/20/2010	--	--	--	--	--	--	--	--	--	--	--	<50.0	34.3	--	<50.0	--	--	--	--	--
	6/3/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U-6	6/30/1997	88000	--	--	--	--	--	--	--	--	--	--	800	--	--	--	190	190	--	--	ND
	9/19/1997	2900	--	--	--	--	--	--	--	--	--	--	1800	--	--	--	ND	ND	--	--	ND
	12/12/1997	51000	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	380	380	--	--	ND
	3/3/1998	60000	--	--	--	--	--	--	--	--	--	--	3500	--	--	--	327	327	--	--	ND
	6/15/1998	590000	--	--	--	--	--	--	--	--	--	--	4800	--	--	--	315	315	--	--	ND
	9/30/1998	33000	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	345	345	--	--	ND
	12/28/1998	83000	--	--	--	--	--	--	--	--	--	--	7200	--	--	--	297	297	--	--	ND
	3/22/1999	2100	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	330	330	--	--	0.98
	6/9/1999	470	--	--	--	--	--	--	--	--	--	--	200	--	--	--	320	320	--	--	ND
	9/8/1999	140	--	--	--	--	--	--	--	--	--	--	5590	--	--	--	305	305	--	--	ND
	12/7/1999	260	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	443	443	--	--	ND
	3/13/2000	790	--	--	--	--	--	--	--	--	--	--	260	--	--	--	222	222	--	--	ND
	6/21/2000	1900	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	159	159	--	--	ND
	9/27/2000	2600	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	170	170	--	--	ND
	12/12/2000	ND	--	--	--	--	--	--	--	--	--	--	2700	--	--	--	128	128	--	--	ND
	3/7/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/6/2001	470	--	--	--	--	--	--	--	--	--	--	150	--	--	--	97	97	--	--	0.70
	9/24/2001	<100	--	--	--	--	--	--	--	--	--	--	580	--	--	--	123	123	--	--	--
U-6	12/10/2001	990	--	--	--	--	--	--	--	--	--	--	500	--	--	--	112	112	--	--	2.0
	3/11/2002	1200	--	--	--	--	--	--	--	--	--	--	<500	--	--	--	128	128	--	--	0.089
	6/4/2002	<100	--	--	--	--	--	--	--	--	--	--	<500	--	--	--	97	97	--	--	<1.0
	9/3/2002	<100	--	--	--	--	--	--	--	--	--	--	580	--	--	--	110	110	--	--	1.1
	12/3/2002	1200	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	95	95	--	--	2.6
	3/4/2003	20000	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	-112	-112	--	--	<1.0
	6/18/2003	3200	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	-15	-15	--	--	2.0
	9/24/2003	1.4	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	-12	-12	--	--	4.6
	12/2/2003	1400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/30/2004	2600	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	--	--	--	--	--
	6/7/2004	2100	--	--	--	--	--	--	--	--	--	--	800	--	--	--	--	--	--	--	--
	9/9/2004	870	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	--	--	--	--	--
	12/20/2004	2.5	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	--	--	--	--	--
	3/28/2005	3.4	--	--	--	--	--	--	--	--	--	--	<1000	--	--	--	--	--	--	--	--
	6/14/2005	4100	--	--	--	--	--	--	--	--	--	--	3800	--	--	--	--	--	--	--	--
	9/28/2005	21000	--	--	--	--	--	--	--	--	--	--	<200	--	--	--	--	--	--	--	--
	12/29/2005	8300	--	--	--	--	--	--	--	--	--	--	480	--	--	--	--	--	--	--	--
	3/27/2006	8800	--	--	--	--	--	--	--	--	--	--	370	--	--	--	--	--	--	--	--
	6/12/2006	8500	--	--	--	--	--	--	--	--	--	--	230	--	--	--	--	--	--	--	--
	9/21/2006	2900	--	--	--	--	--	--	--	--	--	--	190	--	--	--	--	--	--	--	--

TABLE 2b
ADDITIONAL HISTORICAL GROUNDWATER ANALYTICAL DATA
76 Service Station No. 5325
3200 LAKESHORE AVE
OAKLAND, CALIFORNIA

Well I.D.	Date	GROUNDWATER ANALYTICAL DATA																		
		Iron, Ferrous A3500D (ug/L)	Lead SW6010 D (ug/L)	Lead SW6010 T (ug/L)	Manganese SW6010 D (ug/L)	Manganese SW6010 T (ug/L)	Mercury SW7470A D (ug/L)	Mercury SW7470A T (ug/L)	Molybdenum SW6010 D (ug/L)	Molybdenum SW6010 T (ug/L)	Nickel SW6010 D (ug/L)	Nickel SW6010 T (ug/L)	Nitrate as N (ug/L)	Nitrite as N (ug/L)	Nitrogen (ug/L)	Nitrogen, NO2 plus NO3 (ug/L)	Oxidation Reduction Potential FIELD_PostPurge (MILLIVOLTS)	Oxidation Reduction Potential FIELD_PrePurge (MILLIVOLTS)	Oxygen, Dissolved FIELD_PostPurge (mg/L)	Oxygen, Dissolved FIELD_PrePurge (mg/L)	Phosphate (mg/L)
	12/21/2006	11000	--	--	--	--	--	--	--	--	--	--	360	--	--	--	--	--	--	--
	3/28/2007	<100	--	--	--	--	--	--	--	--	--	--	550	--	--	--	--	--	--	--
	6/27/2007	WI	WI	WI	WI	WI	WI	WI	WI	WI	WI	WI	WI	WI	WI	WI	WI	WI	WI	WI
	9/26/2007	<100	--	--	--	--	--	--	--	--	--	--	410	--	--	--	--	--	--	--
	12/27/2007	7700	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--
	3/26/2008	19000	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--
	6/18/2008	2100000	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--
	9/24/2008	220000	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--
	12/22/2008	290000	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--
	3/26/2009	540000	--	--	--	--	--	--	--	--	--	--	<100	--	--	--	--	--	--	--
	6/23/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/28/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/30/2010	--	--	--	--	--	--	--	--	--	--	--	--	44.3	--	308	--	--	--	--
	12/20/2010	--	--	--	--	--	--	--	--	--	--	--	486	33.4	--	520	--	--	--	--
	6/3/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Analytical Notes:
< - Not detected at or above indicated laboratory reporting limit
DRY - Well was Dry; sample could not be taken
LPH - Liquid Phase Hydrocarbons
MG/L - milligrams per liter
MILLIVOLTS - millivolts
ND - Not detected, and detection limit is not known
ug/L - micrograms/liter
WI - Well Inaccessable

TABLE 2c
ADDITIONAL HISTORICAL GROUNDWATER ANALYTICAL DATA
76 Service Station No. 5325
3200 LAKESHORE AVE
OAKLAND, CALIFORNIA

Well I.D.	Date	GROUNDWATER ANALYTICAL DATA											
		Phosphate, Ortho (mg/L)	Selenium SW6010 D (ug/L)	Selenium SW6010 T (ug/L)	Silver SW6010 D (ug/L)	Silver SW6010 T (ug/L)	Sulfate (ug/L)	Thallium SW6010 D (ug/L)	Thallium SW6010 T (ug/L)	Vanadium SW6010 D (ug/L)	Vanadium SW6010 T (ug/L)	Zinc SW6010 D (ug/L)	Zinc SW6010 T (ug/L)
U-1	3/30/2004	<1.0	--	--	--	--	--	--	--	--	--	--	--
	6/7/2004	6.8	--	--	--	--	--	--	--	--	--	--	--
	9/9/2004	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	12/20/2004	<1.0	--	--	--	--	--	--	--	--	--	--	--
	3/28/2005	<1.0	--	--	--	--	--	--	--	--	--	--	--
	6/14/2005	12	--	--	--	--	--	--	--	--	--	--	--
	9/28/2005	39	--	--	--	--	--	--	--	--	--	--	--
	12/29/2005	21	--	--	--	--	--	--	--	--	--	--	--
	3/27/2006	<0.050	--	--	--	--	--	--	--	--	--	--	--
	6/12/2006	0.64	--	--	--	--	--	--	--	--	--	--	--
	9/21/2006	1.5	--	--	--	--	--	--	--	--	--	--	--
	12/21/2006	1.0	--	--	--	--	--	--	--	--	--	--	--
	3/28/2007	<0.050	--	--	--	--	--	--	--	--	--	--	--
	6/27/2007	0.065	--	--	--	--	--	--	--	--	--	--	--
	9/26/2007	0.11	--	--	--	--	--	--	--	--	--	--	--
	12/27/2007	<0.050	--	--	--	--	--	--	--	--	--	--	--
	3/26/2008	0.12	--	--	--	--	--	--	--	--	--	--	--
	6/18/2008	0.059	--	--	--	--	--	--	--	--	--	--	--
	9/24/2008	0.061	--	--	--	--	--	--	--	--	--	--	--
U-1	12/22/2008	<0.050	--	--	--	--	--	--	--	--	--	--	--
	3/26/2009	0.11	--	--	--	--	--	--	--	--	--	--	--
	6/23/2009	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/2009	--	--	--	--	--	--	--	--	--	--	--	--
	12/4/2009	--	--	--	--	--	--	--	--	--	--	--	--
	6/28/2010	--	--	--	--	--	--	--	--	--	--	--	--
	6/30/2010	--	<10.0	<10.0	<10.0	<10.0	<1000	<20.0	<20.0	<50.0	<50.0	107	107
	12/20/2010	--	<10.0	<10.0	<10.0	<10.0	<1000	<20.0	<20.0	<50.0	<50.0	<40.0	<40.0
	6/3/2011	--	<10.0	<10.0	<10.0	<10.0	<1000	<20.0	<20.0	<50.0	<50.0	<40.0	<40.0
U-2	3/30/2004	2.9	--	--	--	--	--	--	--	--	--	--	--
	6/7/2004	2.4	--	--	--	--	--	--	--	--	--	--	--
	9/9/2004	5.9	--	--	--	--	--	--	--	--	--	--	--
	12/20/2004	<1.0	--	--	--	--	--	--	--	--	--	--	--
	3/28/2005	<1.0	--	--	--	--	--	--	--	--	--	--	--
	6/14/2005	<1.0	--	--	--	--	--	--	--	--	--	--	--
	9/28/2005	7.5	--	--	--	--	--	--	--	--	--	--	--
	12/29/2005	4.6	--	--	--	--	--	--	--	--	--	--	--
	3/27/2006	<0.050	--	--	--	--	--	--	--	--	--	--	--
	6/12/2006	<0.050	--	--	--	--	--	--	--	--	--	--	--
	9/21/2006	0.36	--	--	--	--	--	--	--	--	--	--	--
	12/21/2006	0.21	--	--	--	--	--	--	--	--	--	--	--
	3/28/2007	<0.050	--	--	--	--	--	--	--	--	--	--	--
	6/27/2007	<0.050	--	--	--	--	--	--	--	--	--	--	--
	9/26/2007	0.10	--	--	--	--	--	--	--	--	--	--	--
	12/27/2007	<0.050	--	--	--	--	--	--	--	--	--	--	--
	3/26/2008	<0.050	--	--	--	--	--	--	--	--	--	--	--
	6/18/2008	<0.050	--	--	--	--	--	--	--	--	--	--	--
	9/24/2008	<0.050	--	--	--	--	--	--	--	--	--	--	--

TABLE 2c
ADDITIONAL HISTORICAL GROUNDWATER ANALYTICAL DATA
76 Service Station No. 5325
3200 LAKESHORE AVE
OAKLAND, CALIFORNIA

Well I.D.	Date	GROUNDWATER ANALYTICAL DATA											
		Phosphate, Ortho (mg/L)	Selenium SW6010 D (ug/L)	Selenium SW6010 T (ug/L)	Silver SW6010 D (ug/L)	Silver SW6010 T (ug/L)	Sulfate (ug/L)	Thallium SW6010 D (ug/L)	Thallium SW6010 T (ug/L)	Vanadium SW6010 D (ug/L)	Vanadium SW6010 T (ug/L)	Zinc SW6010 D (ug/L)	Zinc SW6010 T (ug/L)
U-2	12/22/2008	<0.050	--	--	--	--	--	--	--	--	--	--	--
	3/26/2009	<0.050	--	--	--	--	--	--	--	--	--	--	--
	6/23/2009	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/2009	--	--	--	--	--	--	--	--	--	--	--	--
	12/4/2009	--	--	--	--	--	--	--	--	--	--	--	--
	6/28/2010	--	--	--	--	--	--	--	--	--	--	--	--
	6/30/2010	--	<10.0	<10.0	<10.0	<10.0	96000	<20.0	<20.0	<50.0	<50.0	<40.0	<40.0
	12/20/2010	--	<10.0	<10.0	<10.0	<10.0	46500	<20.0	<20.0	<50.0	<50.0	<40.0	<40.0
	6/3/2011	--	<10.0	<10.0	<10.0	<10.0	29400	<20.0	<20.0	<50.0	<50.0	<40.0	<40.0
U-3	3/30/2004	<1.0	--	--	--	--	--	--	--	--	--	--	--
	6/7/2004	<0.20	--	--	--	--	--	--	--	--	--	--	--
	9/9/2004	1.2	--	--	--	--	--	--	--	--	--	--	--
	12/20/2004	<1.0	--	--	--	--	--	--	--	--	--	--	--
	3/28/2005	<1.0	--	--	--	--	--	--	--	--	--	--	--
	6/14/2005	<1.0	--	--	--	--	--	--	--	--	--	--	--
	9/28/2005	0.66	--	--	--	--	--	--	--	--	--	--	--
	12/29/2005	0.65	--	--	--	--	--	--	--	--	--	--	--
	3/27/2006	0.66	--	--	--	--	--	--	--	--	--	--	--
	6/12/2006	0.64	--	--	--	--	--	--	--	--	--	--	--
	9/21/2006	0.69	--	--	--	--	--	--	--	--	--	--	--
	12/21/2006	0.68	--	--	--	--	--	--	--	--	--	--	--
	3/28/2007	0.67	--	--	--	--	--	--	--	--	--	--	--
	6/27/2007	0.64	--	--	--	--	--	--	--	--	--	--	--
	9/26/2007	<0.050	--	--	--	--	--	--	--	--	--	--	--
	12/27/2007	0.75	--	--	--	--	--	--	--	--	--	--	--
	3/26/2008	0.64	--	--	--	--	--	--	--	--	--	--	--
	6/18/2008	0.64	--	--	--	--	--	--	--	--	--	--	--
	9/24/2008	0.73	--	--	--	--	--	--	--	--	--	--	--
	12/22/2008	0.73	--	--	--	--	--	--	--	--	--	--	--
	3/26/2009	0.66	--	--	--	--	--	--	--	--	--	--	--
	6/23/2009	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/2009	--	--	--	--	--	--	--	--	--	--	--	--
	6/28/2010	--	--	--	--	--	--	--	--	--	--	--	--
	6/30/2010	--	--	--	--	--	65800	--	--	--	--	--	--
	12/20/2010	--	--	--	--	--	62100	--	--	--	--	--	--
	6/3/2011	--	--	--	--	--	--	--	--	--	--	--	--
U-4	3/30/2004	<1.0	--	--	--	--	--	--	--	--	--	--	--
	6/7/2004	<0.20	--	--	--	--	--	--	--	--	--	--	--
	9/9/2004	<1.0	--	--	--	--	--	--	--	--	--	--	--
	12/20/2004	<1.0	--	--	--	--	--	--	--	--	--	--	--
	3/28/2005	<1.0	--	--	--	--	--	--	--	--	--	--	--
	6/14/2005	<1.0	--	--	--	--	--	--	--	--	--	--	--
	9/28/2005	0.45	--	--	--	--	--	--	--	--	--	--	--
	12/29/2005	0.37	--	--	--	--	--	--	--	--	--	--	--
	3/27/2006	0.41	--	--	--	--	--	--	--	--	--	--	--
	6/12/2006	0.39	--	--	--	--	--	--	--	--	--	--	--

TABLE 2c
ADDITIONAL HISTORICAL GROUNDWATER ANALYTICAL DATA
76 Service Station No. 5325
3200 LAKESHORE AVE
OAKLAND, CALIFORNIA

Well I.D.	Date	GROUNDWATER ANALYTICAL DATA											
		Phosphate, Ortho (mg/L)	Selenium SW6010 D (ug/L)	Selenium SW6010 T (ug/L)	Silver SW6010 D (ug/L)	Silver SW6010 T (ug/L)	Sulfate (ug/L)	Thallium SW6010 D (ug/L)	Thallium SW6010 T (ug/L)	Vanadium SW6010 D (ug/L)	Vanadium SW6010 T (ug/L)	Zinc SW6010 D (ug/L)	Zinc SW6010 T (ug/L)
U-4	9/21/2006	0.43	--	--	--	--	--	--	--	--	--	--	--
	12/21/2006	0.41	--	--	--	--	--	--	--	--	--	--	--
	3/28/2007	0.49	--	--	--	--	--	--	--	--	--	--	--
	6/27/2007	0.34	--	--	--	--	--	--	--	--	--	--	--
	9/26/2007	0.40	--	--	--	--	--	--	--	--	--	--	--
	12/27/2007	0.43	--	--	--	--	--	--	--	--	--	--	--
	3/26/2008	0.38	--	--	--	--	--	--	--	--	--	--	--
	6/18/2008	0.39	--	--	--	--	--	--	--	--	--	--	--
	9/24/2008	0.34	--	--	--	--	--	--	--	--	--	--	--
	12/22/2008	0.39	--	--	--	--	--	--	--	--	--	--	--
	3/26/2009	0.37	--	--	--	--	--	--	--	--	--	--	--
	6/23/2009	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/2009	--	--	--	--	--	--	--	--	--	--	--	--
	12/4/2009	--	--	--	--	--	--	--	--	--	--	--	--
	6/28/2010	--	--	--	--	--	--	--	--	--	--	--	--
	6/30/2010	--	<10.0	<10.0	<10.0	<10.0	82700	<20.0	<20.0	<50.0	<50.0	<40.0	<40.0
	12/20/2010	--	<10.0	<10.0	<10.0	<10.0	77400	<20.0	<20.0	<50.0	<50.0	<40.0	<40.0
	6/3/2011	--	<10.0	<10.0	<10.0	<10.0	79300	<20.0	<20.0	<50.0	<50.0	<40.0	<40.0
U-5	3/30/2004	<1.0	--	--	--	--	--	--	--	--	--	--	--
	6/7/2004	<0.20	--	--	--	--	--	--	--	--	--	--	--
	9/9/2004	<1.0	--	--	--	--	--	--	--	--	--	--	--
	12/20/2004	<1.0	--	--	--	--	--	--	--	--	--	--	--
	3/28/2005	<1.0	--	--	--	--	--	--	--	--	--	--	--
	6/14/2005	<1.0	--	--	--	--	--	--	--	--	--	--	--
	9/28/2005	0.10	--	--	--	--	--	--	--	--	--	--	--
	12/29/2005	<0.050	--	--	--	--	--	--	--	--	--	--	--
	3/27/2006	<0.050	--	--	--	--	--	--	--	--	--	--	--
	6/12/2006	<0.050	--	--	--	--	--	--	--	--	--	--	--
	9/21/2006	<0.050	--	--	--	--	--	--	--	--	--	--	--
	12/21/2006	<0.050	--	--	--	--	--	--	--	--	--	--	--
	3/28/2007	<0.050	--	--	--	--	--	--	--	--	--	--	--
	6/27/2007	<0.050	--	--	--	--	--	--	--	--	--	--	--
	9/26/2007	<0.050	--	--	--	--	--	--	--	--	--	--	--
	12/27/2007	<0.050	--	--	--	--	--	--	--	--	--	--	--
	3/26/2008	<0.050	--	--	--	--	--	--	--	--	--	--	--
	6/18/2008	<0.050	--	--	--	--	--	--	--	--	--	--	--
	9/24/2008	<0.050	--	--	--	--	--	--	--	--	--	--	--
	12/22/2008	<0.050	--	--	--	--	--	--	--	--	--	--	--
	3/26/2009	<0.050	--	--	--	--	--	--	--	--	--	--	--
	6/23/2009	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/2009	--	--	--	--	--	--	--	--	--	--	--	--
U-5	12/4/2009	--	--	--	--	--	--	--	--	--	--	--	--
	6/28/2010	--	--	--	--	--	--	--	--	--	--	--	--
	6/30/2010	--	--	--	--	--	5560	--	--	--	--	--	--
	12/20/2010	--	--	--	--	--	<5000	--	--	--	--	--	--
	6/3/2011	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 2c
ADDITIONAL HISTORICAL GROUNDWATER ANALYTICAL DATA
76 Service Station No. 5325
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OAKLAND, CALIFORNIA

Well I.D.	Date	GROUNDWATER ANALYTICAL DATA											
		Phosphate, Ortho (mg/L)	Selenium SW6010 D (ug/L)	Selenium SW6010 T (ug/L)	Silver SW6010 D (ug/L)	Silver SW6010 T (ug/L)	Sulfate (ug/L)	Thallium SW6010 D (ug/L)	Thallium SW6010 T (ug/L)	Vanadium SW6010 D (ug/L)	Vanadium SW6010 T (ug/L)	Zinc SW6010 D (ug/L)	Zinc SW6010 T (ug/L)
U-6	3/30/2004	<1.0	--	--	--	--	--	--	--	--	--	--	--
	6/7/2004	<0.20	--	--	--	--	--	--	--	--	--	--	--
	9/9/2004	3.8	--	--	--	--	--	--	--	--	--	--	--
	12/20/2004	<1.0	--	--	--	--	--	--	--	--	--	--	--
	3/28/2005	<1.0	--	--	--	--	--	--	--	--	--	--	--
	6/14/2005	<1.0	--	--	--	--	--	--	--	--	--	--	--
	9/28/2005	3.4	--	--	--	--	--	--	--	--	--	--	--
	12/29/2005	<0.050	--	--	--	--	--	--	--	--	--	--	--
	3/27/2006	0.19	--	--	--	--	--	--	--	--	--	--	--
	6/12/2006	<0.050	--	--	--	--	--	--	--	--	--	--	--
	9/21/2006	0.31	--	--	--	--	--	--	--	--	--	--	--
	12/21/2006	0.41	--	--	--	--	--	--	--	--	--	--	--
	3/28/2007	0.31	--	--	--	--	--	--	--	--	--	--	--
	6/27/2007	WI	WI	WI	WI	WI	WI	WI	WI	WI	WI	WI	WI
	9/26/2007	0.34	--	--	--	--	--	--	--	--	--	--	--
	12/27/2007	1.0	--	--	--	--	--	--	--	--	--	--	--
	3/26/2008	1.2	--	--	--	--	--	--	--	--	--	--	--
	6/18/2008	0.076	--	--	--	--	--	--	--	--	--	--	--
	9/24/2008	0.28	--	--	--	--	--	--	--	--	--	--	--
	12/22/2008	0.39	--	--	--	--	--	--	--	--	--	--	--
	3/26/2009	0.28	--	--	--	--	--	--	--	--	--	--	--
	6/23/2009	--	--	--	--	--	--	--	--	--	--	--	--
	12/3/2009	--	--	--	--	--	--	--	--	--	--	--	--
	6/28/2010	--	--	--	--	--	--	--	--	--	--	--	--
	6/30/2010	--	--	--	--	--	10100	--	--	--	--	--	--
	12/20/2010	--	--	--	--	--	12400	--	--	--	--	--	--
	6/3/2011	--	--	--	--	--	--	--	--	--	--	--	--

Analytical Notes:
< - Not detected at or above indicated laboratory reporting limit
DRY - Well was Dry; sample could not be taken
LPH - Liquid Phase Hydrocarbons
mg/L - milligrams per liter
ug/L - micrograms/liter
WI - Well Inaccessable

TABLE 3
Historical Groundwater Gradient and Flow Directions
76 Service Station No. 5325
3220 Lakeshore Avenue
Oakland, CA

Site	Monitoring Date	Groundwater Gradient (feet per foot)	Groundwater Flow Direction															
			N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
5325	10/1/1990	0.0200	0	0	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0
	2/1/1991	0.0100	0	0	0	0	0	0	0	0	0	0	**1**	0	0	0	0	0
	5/1/1991	0.0200	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	0	0
	8/1/1991	0.0100	0	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	0
	11/1/1991	0.0100	0	0	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0
	5/1/1992	0.0100	0	0	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0
	7/1/1992	0.0200	0	0	0	0	0	0	0	0	0	**1**	0	0	0	0	0	0
	10/1/1992	0.0200	0	0	0	0	0	0	0	0	0	**1**	0	0	0	0	0	0
	12/1/1992	0.0150	0	0	0	0	0	0	0	0	0	0	0	**1**	0	0	0	0
	4/1/1993	0.0200	0	0	0	0	0	0	0	0	0	**1**	0	0	0	0	0	0
	10/1/1993	0.0200	0	0	0	0	0	0	0	0	0	**1**	0	0	0	0	0	0
	11/16/1993	0.0100	0	0	0	0	0	0	0	0	0	**1**	0	0	0	0	0	0
	2/16/1994	0.0100	0	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	0
	6/22/1994	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9/22/1994	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12/24/1994	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3/25/1995	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6/21/1995	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9/19/1995	0.0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	12/19/1995	0.0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	3/18/1996	0.0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	6/27/1996	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9/26/1996	0.0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	12/9/1996	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3/14/1997	0.0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	6/30/1997	0.0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	9/19/1997	0.0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	3/3/1998	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 3
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76 Service Station No. 5325
3220 Lakeshore Avenue
Oakland, CA

Site	Monitoring Date	Groundwater Gradient (feet per foot)	Groundwater Flow Direction															
			N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
5325	6/15/1998	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9/30/1998	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12/28/1998	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3/22/1999	0.0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**
	6/9/1999	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9/8/1999	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12/7/1999	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3/13/2000	0.0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**
	6/21/2000	0.0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	9/27/2000	0.0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	12/12/2000	0.0200	0	**1**	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3/7/2001	0.0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**
	6/6/2001	0.0250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	9/24/2001	0.0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	12/10/2001	0.0450	**1**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3/11/2002	0.0450	**1**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6/4/2002	0.0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	9/3/2002	0.0250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	12/3/2002	0.0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	3/4/2003	0.0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	6/18/2003	0.0250	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0	0
	9/24/2003	0.0250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	12/2/2003	0.0250	**1**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3/30/2004	0.0300	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0	0	0
	6/7/2004	0.0447	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**
	9/9/2004	0.0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	12/20/2004	0.0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	3/28/2005	0.0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0

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Site	Monitoring Date	Groundwater Gradient (feet per foot)	Groundwater Flow Direction															
			N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
5325	6/14/2005	0.0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	9/28/2005	0.0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	12/29/2005	0.0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	3/27/2006	0.0250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	6/12/2006	0.0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	9/21/2006	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12/21/2006	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3/28/2007	0.0100	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0	0	0
	6/27/2007	0.0300	0	0	0	0	0	0	0	0	0	0	**1**	0	0	0	0	0
	9/26/2007	0.0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	12/27/2007	0.0200	0	0	0	0	0	0	0	0	0	0	**1**	0	0	0	0	0
	3/6/2008	0.0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	6/18/2008	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9/24/2008	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12/22/2008	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3/26/2009	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6/23/2009	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12/3/2009	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6/28/2009	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6/28/2010	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12/20/2010	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6/3/2011	Varies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0.024 Average	**3**	**1**	**0**	**0**	**0**	**0**	**1**	**2**	**3**	**5**	**3**	**1**	**2**	**1**	**26**	**4**

Explanation
NA = Not available
Number of Events = 77

Attachment A

Summary of Previous Environmental Investigations

SUMMARY OF PREVIOUS ENVIRONMENTAL INVESTIGATIONS

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.

June through August 2006 A 3-month ozone sparge event was completed on sparge points C-1 through C-3 located in the vicinity of Site well U-2 using a mobile ozone sparge treatment system.

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

January 2011 Delta Consultants rebranded to Antea Group.

SENSITIVE RECEPTORS SURVEY

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

Current Consultant: Antea Group

Attachment B

Blaine Tech Services Groundwater Sampling Procedures

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

SAMPLING PROCEDURES OVERVIEW

SAFETY

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

INSPECTION AND GAUGING

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

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

The water in each well is inspected for the presence of Immiscibles or sheen and when free product is suspected, it is confirmed using an electronic interface probe (e.g. MMC). No samples are collected from a well containing free product.

EVACUATION

Depth to water measurements are collected by our personnel prior to purging and minimum purge volumes are calculated anew for each well based on the height of the water column and the diameter of the well. Expected purge volumes are never less than three case volumes and are set at no less than four case volumes in some jurisdictions.
Well purging devices are selected on the basis of the well diameter and the total volume to be evacuated. In most cases the well will be purged using an electric submersible pump (i.e. Grundfos) suspended near (but not touching) the bottom of the well. Small volumes of purgewater are often removed by hand bailing with a disposable bailer.

PARAMETER STABILIZATION

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

than once per case volume).

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

DEWATERED WELLS

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

Wells known to dewater are evacuated as early as possible during each site visit in order to allow for the greatest amount of recovering. Any well that does not recharge to 80% of its original volume will be sampled prior to the departure of our personnel from the site in order to eliminate the need of a return visit.

In jurisdictions where a certain percentage of recovery is included in the local completion standard, our personnel follow the regulatory expectation.

PURGEWATER CONTAINMENT

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

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

SAMPLE COLLECTION DEVICES

All samples are collected using disposable bailers.

SAMPLE CONTAINERS

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

TRIP BLANKS

Upon request, a Trip Blank is carried to each site and is kept inside the cooler for the duration of the sampling event. It is turned over to the laboratory for analysis with the samples from that site.

DUPLICATES

Upon request, one Duplicate sample is collected at each site. It is up to the Field Technician to choose the well at which the Duplicate is collected. Typically, a duplicate is collected from one of the most contaminated wells. The Duplicate sample is labeled DUP thus rendering the sample blind.

SAMPLE STORAGE

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

DOCUMENTATION CONVENTIONS

Each and every sample container has a label affixed to it. In most cases these labels are generated by our office personnel and are partially preprinted. Labels can also be hand written by our field personnel. The site is identified with the store number and site address, as is the particular groundwater well from which the sample is drawn (e.g. MW-1, MW-2, S-1 etc.). The time at which the sample was collected and the initials of the person collecting the sample are handwritten onto the label.

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

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

DECONTAMINATION

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

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

and bailers.

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

EXAMPLE: The sounder is cleaned between wells using the non-phosphate soap and deionized water solution followed by deionized water rinses. The sounder is then washed with the steam cleaner between sites or as necessitated by use in a particularly contaminated well.

DISSOLVED OXYGEN READINGS

All Dissolved Oxygen readings are taken using YSI meters (e.g. YSI Model 550 meter). These meters are equipped with membrane probe that enables them to collect accurate in-situ readings.

The probe and reel is decontaminated between wells as described above. The meter is calibrated as per the instructions in the operating manual. The probe is lowered into the water column allowed to stabilize before use.

OXYIDATON REDUCTION POTENTIAL READINGS

All readings are obtained with either Corning or Myron-L meters (e.g. Corning ORP-65 or a Myron-L Ultrameter GP). The meter is cleaned between wells as described above. The meter is calibrated at the start of each day according to the instruction manual. In use the probe is placed in a cup of freshly obtained monitoring well water and allowed to stabilize.

Attachment C

Blaine Tech Services Groundwater Sampling Field Data Sheets

COP-ELT Well-Head Inspection & Well Gauging Form

Project No: 255325 **Site Address:** 3200 Lakeshore Ave Oakland

Field Technician: B Parnell **Date:** 6/3/11 **Weather:** overcast

Sample Order	Field Point	Well Condition: Bolts	Seal	Lid Secure	Lock	Expanding Cap	Water in Well Box	Well Casing Dia.	Time Gauged	Depth to Water (Feet)	Depth to Bottom (Feet)	Depth to LNAPL (Feet)	LNAPL Thickness (Feet)	Comments
6	U-1	G	G	G	G	G	Y	3	0834	6.95	13.46	—	—	retapped 2/2 tabs
5	U-2	G	P	G	G	G	N	3	0827	5.12	19.66	—	—	cracked casing
2	U-3	G	P	G	G	G	Y	3	0810	10.54	19.27	—	—	replaced cap
3	U-4	G	G	G	G	G	Y	4	0816	8.02	19.57	—	—	retapped 2/2 tabs
4	U-5	G	G	G	G	G	N	4	0822	6.05	19.97	—	—	replaced cap
1	U-6	G	G	P	G	G	N	2	0802	5.26	22.36	—	—	1/2 tabs needs helicoil

Notes:

** All well caps opened at least 15 minutes or longer before gauging wells:

CIRCLE ONE: YES or NO**

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

COP-ELT Groundwater Sampling Form

Site Address:	3200 Lakeshore Ave Oakland		
Project No:	255325	Field Technician:	B. Farrell
Field Point:	U-1	Date:	6-3-11
Depth to Water (DTW) (ft bgs):	6.95	Well Diameter (in):	2 4 6 8 (3)
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	13.46	Water Column Height (ft):	6.51

Purging Info and Calculations:

Purge Method: (Low-Flow) (3 casing volumes) Other:_____

Purge Equipment: Disposable Bailer (Electric Submersible) Peristaltic Pump Bladder Pump Other:_____

Sample Collection Method: (Disposable Bailer) w/BED Extraction Port Dedicated Tubing Disposable Tubing Other:_____

Water Column Height (ft): 6.51 X Conversion Factor (gal/ft): 0.37 = Casing Volume (gal): 2.4

Casing Volume (gal): 2.4 X Specified Volumes: 3 = Calculated Purge (gal): 7.2

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

Purge: **Start Time:** 1107 **Stop Time:** 1110

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				—		—		
1108	18.35	6.45	971	-111.7	29	1.87	1.2	
1108	18.65	6.38	930	-119.1	27	1.36	2.4	
1109	18.87	6.36	813	-130.4	19	0.58	3.6	
1110	18.79	6.38	849	-135.7	17	0.55	4.8	
1110	well	Dewatered	@ 5.3 Gals				5.3	10.38
1135	17.79	6.57	1012	-137.8	21	1.21	—	
Post-Purge				—		—		

Did Well dewater? (Yes) No Total Purge volume (gal): 5.3

Other Comments: 80% @ 8.25 DTW: 8.20 ODOR Post Purge Fe^{2+}: 2.4 mg/L *purged through flow cell

Sample Info:

Sample ID:	U-1_20110630	Sample Date and Time:	6/3/11 @ 1135
Selected Analysis:	SEE C.O.C.		

Signature: _____ Date: 6/3/11

Antea™Group, 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

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CO-ELT Groundwater Sampling Form

Site Address:	3200 Lakeshore Ave Oakland		
Project No:	255325	Field Technician:	B. Parell
Field Point:	U-2	Date:	6-3-11
Depth to Water (DTW) (ft bgs):	5.12	Well Diameter (in):	2 4 6 8 (3)
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	19.66	Water Column Height (ft):	14.54

Purging Info and Calculations:

Purge Method: Low-Flow; (3 casing volumes); Other:

Purge Equipment: Disposable Bailer; (Electric Submersible); Peristaltic Pump; Bladder Pump; Other:

Sample Collection Method: (Disposable Bailer) w/BED; Extraction Port; Dedicated Tubing; Disposable Tubing; Other:

Water Column Height (ft): 14.54 X Conversion Factor (gal/ft): 0.37 = Casing Volume (gal): 4.8

Casing Volume (gal): 4.8 X Specified Volumes: 3 = Calculated Purge (gal): 14.4

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

Purge: **Start Time:** 1052 **Stop Time:** 1055

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				—		—		
1053	19.18	6.38	1383	-123.6	36	1.13	2.4	
1054	18.99	6.35	1226	-137.2	23	0.71	4.8	
1055	19.63	6.35	1150	-142.0	20	0.81	7.2	
1055	Well Dewatered @ 7.6 Gals						7.6	16.98
1330	18.73	6.62	1520	-92.0	17	~~2.42~~	—	
Post-Purge				—		—		

Did Well dewater? (Yes) No Total Purge volume (gal): 7.6

Other Comments: 80% @ 8.02 Post Purge DTW: 13.36 (2hr) Fe^{2+}: 2.2 mg/L * purged through flow cell

Sample Info:

Sample ID: U-2_20110630 Sample Date and Time: 6/3/11 @ 1330

Selected Analysis: SEE C.O.C.

Signature: [signature] Date: 6/3/11

Antea™Group, 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

5

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CO. -ELT Groundwater Sampling Form

Site Address:	3200 Lakeshore Ave Oakland		
Project No:	255325	Field Technician:	B. Farrell
Field Point:	U-3	Date:	6-3-11
Depth to Water (DTW) (ft bgs):	10.54	Well Diameter (in):	2 4 6 8 (3)
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	19.27	Water Column Height (ft):	8.73

Purging Info and Calculations:

Purge Method: Low-Flow; (3 casing volumes); Other:

Purge Equipment: Disposable Bailer; (Electric Submersible); Peristaltic Pump; Bladder Pump; Other:

Sample Collection Method: (Disposable Bailer) w/BED; Extraction Port; Dedicated Tubing; Disposable Tubing; Other:

Water Column Height (ft): 8.73 X Conversion Factor (gal/ft): 0.37 = Casing Volume (gal): 3.2

Casing Volume (gal): 3.2 X Specified Volumes: 3 = Calculated Purge (gal): 9.6

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

Purge: Start Time: 1001 Stop Time: 1005

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				—		—		
1002	16.24	6.51	161	106.8	55	2.97	1.6	
1003	17.27	6.67	806	55.4	46	0.99	3.2	
1004	17.83	6.91	834	30.5	17	0.91	4.8	
1005	Well Dewatered @ 4.9 Gals						4.9	16.54
1155	17.84	6.87	831	-96.4	27	1.11	—	
Post-Purge				—		—		

Did Well dewater? (Yes) No Total Purge volume (gal): 4.9

Other Comments: 809. @ 12.28 DTW: 10.53 * purged through flow cell

Sample Info:

Sample ID:	U-3_20110630	Sample Date and Time:	6/3/11 @ 1155
Selected Analysis:	SEE C.O.C.		

Signature: [signature] Date: 6/3/11

Antea™Group, 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

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CO.-ELT Groundwater Sampling Form

Site Address:	3200 Lakeshore Ave Oakland		
Project No:	255325	Field Technician:	B. Farrell
Field Point:	U-4	Date:	6-3-11
Depth to Water (DTW) (ft bgs):	8.02	Well Diameter (in):	2 (4) 6 8 ___
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	19.57	Water Column Height (ft):	11.55

Purging Info and Calculations:

Purge Method: Low-Flow; (3 casing volumes); Other:

Purge Equipment: Disposable Bailer; (Electric Submersible); Peristaltic Pump; Bladder Pump; Other:

Sample Collection Method: (Disposable Bailer) w/BED; Extraction Port; Dedicated Tubing; Disposable Tubing; Other:

Water Column Height (ft): 11.55 X Conversion Factor (gal/ft): 0.66 = Casing Volume (gal): 7.6

Casing Volume (gal): 7.6 X Specified Volumes: 3 = Calculated Purge (gal): 22.8

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

Purge: **Start Time:** 1013 **Stop Time:** 1025

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				—		—		
1015	19.47	7.07	945	20.2	11	1.15	3.8	
1018	19.86	7.08	940	15.9	9	1.83	7.6	
1021	19.86	7.07	966	15.6	8	2.16	11.4	
1024	19.70	7.12	942	9.3	7	2.17	15.2	
1025	Well Dewatered @ 16.2 Gals						16.2	17.46
1230	19.48	7.06	940	-61.5	15	3.07	—	
Post-Purge				—		—		

Did Well dewater? (Yes) No Total Purge volume (gal): 16.2

Other Comments: 80% @ 10.33 DTW: 14.33 (2hr) Post Purge Fe^{2+}: 0.2 mg/L *purged through flow cell

Sample Info:

Sample ID:	U-4_20110630	Sample Date and Time:	6/3/11 @ 1230
Selected Analysis:	SEE C.O.C.		

Signature: [signature] Date: 6/3/11

Antea™Group, 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

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3

CO. -ELT Groundwater Sampling Form

Site Address:	3200 Lakeshore Ave Oakland		
Project No:	255325	Field Technician:	B. Parell
Field Point:	U-5	Date:	6-3-11
Depth to Water (DTW) (ft bgs):	6.05	Well Diameter (in):	2 (4) 6 8 ___
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	19.97	Water Column Height (ft):	13.92

Purging Info and Calculations:

Purge Method: Low-Flow; (3 casing volumes); Other:_____

Purge Equipment: Disposable Bailer; (Electric Submersible); Peristaltic Pump; Bladder Pump; Other:_____

Sample Collection Method: (Disposable Bailer) w/BED; Extraction Port; Dedicated Tubing; Disposable Tubing; Other:_____

Water Column Height (ft): 13.92 X Conversion Factor (gal/ft): 0.66 = Casing Volume (gal): 9.2

Casing Volume (gal): 9.2 X Specified Volumes: 3 = Calculated Purge (gal): 27.6

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

Purge: Start Time: 1034 Stop Time: 1043

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				—		—		
1036	19.01	6.50	767	-138.4	15	0.58	4.6	
1038	19.43	6.51	641	-143.3	12	0.71	9.2	
1040	19.00	6.53	845	-146.8	10	0.91	13.8	
1043	Well	Dewatered @	17.8 Gals				17.8	16.42
1300	18.94	6.62	1331	-99.1	17	1.51	—	
Post-Purge				—		—		

Did Well dewater? (Yes) No Total Purge volume (gal): 17.8

Other Comments: 80% @ 8.83 DTW: 7.72 * purged through flow cell

Sample Info:

Sample ID:	U-5_20110630	Sample Date and Time:	6/3/11 @ 1300
Selected Analysis:	SEE C.O.C.		

Signature: _____ Date: 6/3/11

Antea™Group, 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

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CC. -ELT Groundwater Sampling Form

Site Address:	3200 Lakeshore Ave Oakland		
Project No:	255325	Field Technician:	B. Farrell
Field Point:	U-6	Date:	6-3-11
Depth to Water (DTW) (ft bgs):	5.26	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	22.36	Water Column Height (ft):	17.10

Purging Info and Calculations:

Purge Method: Low-Flow; (3 casing volumes); Other:_____

Purge Equipment: Disposable Bailer; (Electric Submersible); Peristaltic Pump; Bladder Pump; Other:_____

Sample Collection Method: (Disposable Bailer) w/BED; Extraction Port; Dedicated Tubing; Disposable Tubing; Other:_____

Water Column Height (ft): 17.10 X Conversion Factor (gal/ft): 0.17 = Casing Volume (gal): 2.9

Casing Volume (gal): 2.9 X Specified Volumes: 3 = Calculated Purge (gal): 8.7

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

Purge: Start Time: 0929 Stop Time: 0936

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				—		—		
0930	16.38	7.31	748	-101.1	>1000	3.51	1.4	
0931	16.39	7.09	185	-43.2	>1000	3.21	2.9	
0932	16.51	6.80	171	2.9	>1000	2.59	4.3	
0933	16.54	6.72	275	19.4	>1000	1.45	5.8	
0934	16.59	6.57	180	42.1	>1000	1.58	7.2	
0935	16.62	6.49	166	51.0	>1000	1.55	8.7	
0936	16.72	6.45	160	59.0	>1000	1.48	10.1	15.95
						NOT AT 80% SHORT WAIT		
Post-Purge				—		—		

Did Well dewater? Yes (No) Total Purge volume (gal): 10.1

Other Comments: 80% @ 8.68 DTW: 8.51 MS/MSD *water is dark brown *purged through flow cell

Sample Info:

Sample ID: U-6_20110630 Sample Date and Time: 6/3/11 @ 0950

Selected Analysis: SEE C.O.C.

Signature: _____ Date: 6/3/11

Antea™Group, 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

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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.

PACE ANALYTICAL- SEATTLE (Subcontract Samples)

2Q11 GW Eve

Required Lab Information:		**Required** Project Information:				**Required** Invoice Information:			
Lab Name:	Pace-Seattle	Site ID #:	255325	Task:	WG_Q_201106	Send Invoice to:	David Sowle		
Address:	940 S. Harney Street Seattle WA 98108	Delta project #				Address:	11050 White Rock Road, Suite 110		
		Site Address	3200 LAKESHORE AVE			City/State	Rancho Cordova CA 95670	Phone #:	1-800-477-7411
Lab PM:	Regina Ste. Marie	City	OAKLAND	State	CA 94610	Reimbursement project?		Non-reimbursement project?	Y
Phone/Fax:	P: 206-957-2433 F: 206-767-5063	Delta PM Name	Dennis Dettloff			Send EDD to	copeltdata@intelligentehs.com		
Lab PM email	Regina.SteMarie@pacelabs.com	Phone/Fax:	P: 1-800-477-7411 F: 916-638-8385			CC Hardcopy report to			
Applicable Lab Quote #:		Delta PM Email:	ddettloff@deltaenv.com			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: DRINKING WATER WP; GROUND WATER GW; WASTE WATER WW; PRODUCT LP; SOIL SO; OIL OL; WIPE SW; AMBIENT AIR A-; SOIL GAS SG; WATER WATER W; SURFACE WATER WS; WATER QC WB; SLUDGE SL; RINSATE WN; OTHER OT; ANIMAL TISSUE TS

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) IDs MUST BE UNIQUE) Samples	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: 353.2/Nitrate/N	300.0 Sulfate	6010/tcm Total	8260 GC/MS GRO	8260B/ex/MTBE/OxyCA	Acetone (8260)	Chloride 300	Ferrous Fe & Ferric Fe 3500	Methane RSK175	Nitrite 353.2	6010 Metals list*	BOD 5210B	COD 410.4	Hg 7470	Comments/Lab Sample I.D.
1	U-1_20110630	WG	G	6-3-11	1135	14	Y	X	X	X	X					x	x	x	x	x	x	x	x	x	x	x	x	x	
2	U-2_20110630	WG	G		1330	14	Y	X	X	X	X					x	x	x	x	x	x	x	x	x	x	x	x	x	
3	U-3_20110630	WG	G		1155	6	N				X								x	x									
4	U-4_20110630	WG	G		1230	14	Y	X	X	X	X					x	x	x	x	x	x	x	x	x	x	x	x	x	7 OXYs = DIPE, TBA, TAME, ETBE, 1,2-DCA, EDB and ethanol
5	U-5_20110630	WG	G		1300	6	N				X								x	x									
6	U-6_20110630	WG	G		0950	10	N				X								x	x									*6010 Metals list: Mn, Ag, As, Ba, Be, Cd, Co, Mo, Ni, Pb, Sb, Se, Tl, V and Zn* Dissolved metals field filtered into preserved bottles
7																													
8																													
9																													
10																													
11																													
12																													

Additional Comments/Special Instructions: Fe^{2+}:

U-1: 2.4 mg/L
U-2: 2.2 mg/L
U-4: 0.2 mg/L

GLOBAL ID: T0600101463

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
B Dell / BTS	6-3-11	1620			

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

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Ben Parell

SIGNATURE of SAMPLER: B Dell — DATE Signed: 6-3-11 — Time: 1620

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

Inogen Environmental Alliance

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.

McCampbell Analytical (bill PACE)

2Q11 GW Eve

Required Lab Information:		**Required** Project Information:			**Required** Invoice Information:			
Lab Name:	Pace-Seattle	Site ID #:	255325	Task: WG_Q_201106	Send Invoice to:	David Sowle		
Address:		Delta project #			Address:	11050 White Rock Road, Suite 110		
940 S. Harney Street Seattle WA 98108		Site Address	3200 LAKESHORE AVE		City/State	Rancho Cordova CA 95670	Phone #:	1-800-477-7411
Lab PM:	Regina Ste. Marie	City	OAKLAND	State CA 94610	Reimbursement project?		Non-reimbursement project?	Y
Phone/Fax:	P: 206-957-2433 F: 206-767-5063	Delta PM Name	Dennis Dettloff		Send EDD to	copeltdata@intelligentehs.com		
Lab PM email	Regina.SteMarie@pacelabs.com	Phone/Fax:	P: 1-800-477-7411 F: 916-638-8385		CC Hardcopy report to			
Applicable Lab Quote #:		Delta PM Email:	ddettloff@deltaenv.com		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 (FP), SOIL (SO), OIL (OL); MATRIX — WATER (W), SURFACE WATER (WS), WATER QC (WQ), SLUDGE (SL), SOIL (S), AIR (A), WIPE (WI), OTHER (O)

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: Bromide 300.1	Bromate 300.1	TKN 351.2	Ammonia 350.1	Carbon Dioxide 415.3	Bacteria Enumeration SM9223	Hexavalent Cr 218.6	Trivalent Cr (Calc)	Total Cr 6010	Comments/Lab Sample I.D.
1	U-1_20110630	WG	G	6-3-11	1135	10	N	X		X		X	X		X	X	X	X	X	X	X	X	X	X	
2	U-2_20110630	WG	G	↓	1330	10	N	X		X		X	X		X	X	X	X	X	X	X	X	X	X	
4	U-4_20110630	WG	G		1230	10	N	X		X		X	X		X	X	X	X	X	X	X	X	X	X	***Hex Cr has short hold 24 hours***
5																									
6																									
8																									
9																									
10																									
11																									
12																									

Additional Comments/Special Instructions:

GLOBAL ID: T0600101463

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Ben Powell / STS	6-3-11	1630	Dirk Cantrell	6-3-11	1630

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

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Ben Powell

SIGNATURE of SAMPLER: [signature] DATE Signed 6-3-11 Time: 1630

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

Inogen Environmental Alliance

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME COP Oakland 3200 Lakeshore				PROJECT NUMBER 255325			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI 556	09162AT	6/3/11 @0850	pH 7.00 10.00 4.00	6.99 9.89 3.97	yes	17.70°C	BD
			cond 3900us ORP 240mV @ 17°	cond 3897us 240mV	yes	17.51°C	BD
			DO 1000 mg/L	DO 9.97 mg/L	yes	16.31°C	BD
Hach Turbidimeter		6/3/11 @0900	0.1, 20, 100, 800 NTUs	0, 22 106, 810 NTUs	yes	—	BP

Attachment D

Certified Laboratory Analytical Report and Data Validation Form

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

June 20, 2011

Dennis Dettloff
Antea USA
11050 White Rock Rd. #110
Rancho Cordova, CA 95670

RE: Project: 255325
Pace Project No.: 257973

Dear Dennis Dettloff:
Enclosed are the analytical results for sample(s) received by the laboratory on June 04, 2011. 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.

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, Antea USA
Jonathon Fillingame, Antea USA
Lia Holden, Antea USA
Dan Keltner, Antea USA
Josh Mahoney, Antea USA
Tony Perini, Antea USA
Nicole Persaud, Antea USA
Don Pinkerton, Antea USA
Doug Umland, Antea USA
Ed Weyrens, Antea USA

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

CERTIFICATIONS

Project: 255325
Pace Project No.: 257973

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
EPA Region 8 Certification #: Pace
Florida/NELAP Certification #: E87605
Georgia Certification #: 959
Idaho Certification #: MN00064
Illinois Certification #: 200011
Iowa Certification #: 368
Kansas Certification #: E-10167
Louisiana Certification #: 03086
Louisiana Certification #: LA080009
Maine Certification #: 2007029
Maryland Certification #: 322
Michigan DEQ Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT CERT0092
Nebraska Certification #: Pace
Nevada Certification #: MN_00064
New Jersey Certification #: MN-002
New Mexico Certification #: Pace
New York Certification #: 11647
North Carolina Certification #: 530
North Dakota Certification #: R-036
North Dakota Certification #: R-036A
Ohio VAP Certification #: CL101
Oklahoma Certification #: D9921
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Tennessee Certification #: 02818
Texas Certification #: T104704192
Washington Certification #: C754
Wisconsin Certification #: 999407970

Washington Certification IDs

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

Pace Analytical Services, Inc.
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SAMPLE ANALYTE COUNT

Project: 255325
Pace Project No.: 257973

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
257973001	**U-1_20110630**	RSK 175	CJR	1	PASI-M
		EPA 6010	BGA	1	PASI-S
		EPA 6010	BGA	15	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 5030B/8260	LPM	17	PASI-S
		CA LUFT	LPM	2	PASI-S
		SM 3500-Fe B#4	CMS	1	PASI-S
		SM 3500-Fe B#4	CMS	1	PASI-S
		SM 5210B	CMS	1	PASI-S
		EPA 300.0	CMS	2	PASI-S
		EPA 353.2	CMS	2	PASI-S
		EPA 410.4	KMT	1	PASI-S
		SM 4500-NO2 B	CMS	1	PASI-S
257973002	**U-2_20110630**	RSK 175	CJR	1	PASI-M
		EPA 6010	BGA	1	PASI-S
		EPA 6010	BGA	15	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 5030B/8260	LPM	17	PASI-S
		CA LUFT	LPM	2	PASI-S
		SM 3500-Fe B#4	CMS	1	PASI-S
		SM 3500-Fe B#4	CMS	1	PASI-S
		SM 5210B	CMS	1	PASI-S
		EPA 300.0	CMS	2	PASI-S
		EPA 353.2	CMS	2	PASI-S
		EPA 410.4	KMT	1	PASI-S
		SM 4500-NO2 B	CMS	1	PASI-S
257973003	**U-3_20110630**	EPA 5030B/8260	LPM	16	PASI-S
		CA LUFT	LPM	2	PASI-S
257973004	**U-4_20110630**	RSK 175	CJR	1	PASI-M
		EPA 6010	BGA	1	PASI-S
		EPA 6010	BGA	15	PASI-S
		EPA 7470	BGA	1	PASI-S
		EPA 5030B/8260	LPM	17	PASI-S
		CA LUFT	LPM	2	PASI-S
		SM 3500-Fe B#4	CMS	1	PASI-S
		SM 3500-Fe B#4	CMS	1	PASI-S
		SM 5210B	CMS	1	PASI-S

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SAMPLE ANALYTE COUNT

Project: 255325
Pace Project No.: 257973

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 300.0	CMS	2	PASI-S
		EPA 353.2	CMS	2	PASI-S
		EPA 410.4	KMT	1	PASI-S
		SM 4500-NO2 B	CMS	1	PASI-S
257973005	**U-5_20110630**	EPA 5030B/8260	LPM	16	PASI-S
		CA LUFT	LPM	2	PASI-S
257973006	**U-6_20110630**	EPA 5030B/8260	LPM	16	PASI-S
		CA LUFT	LPM	2	PASI-S

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HITS ONLY

Project: 255325
Pace Project No.: 257973

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
257973001	**U-1_20110630**					
RSK 175	Methane	983	ug/L	10.0	06/08/11 09:48	
EPA 6010	Iron	27100	ug/L	100	06/08/11 14:32	
EPA 6010	Arsenic, Dissolved	44.0	ug/L	20.0	06/10/11 11:15	
EPA 6010	Barium, Dissolved	224	ug/L	100	06/10/11 11:15	
EPA 6010	Manganese, Dissolved	2920	ug/L	15.0	06/10/11 11:15	
EPA 5030B/8260	tert-Butyl Alcohol	880	ug/L	5.0	06/14/11 15:43	
EPA 5030B/8260	Ethylbenzene	1.2	ug/L	0.50	06/14/11 15:43	
EPA 5030B/8260	Methyl-tert-butyl ether	6.1	ug/L	0.50	06/14/11 15:43	
CA LUFT	TPH-Gasoline (C05-C12)	6490	ug/L	50.0	06/10/11 16:44	
SM 3500-Fe B#4	Iron, Ferric	24700	ug/L	100	06/17/11 11:45	
SM 3500-Fe B#4	Iron, Ferrous	2400	ug/L	100	06/03/11 11:35	
SM 5210B	BOD, 5 day	19600	ug/L	2000	06/09/11 13:30	
EPA 300.0	Chloride	40700	ug/L	10000	06/08/11 23:34	
EPA 353.2	Nitrogen, Nitrate	52.0	ug/L	50.0	06/07/11 14:52	
EPA 353.2	Nitrogen, NO2 plus NO3	60.2	ug/L	50.0	06/07/11 14:52	
EPA 410.4	Chemical Oxygen Demand	40400	ug/L	5000	06/15/11 13:00	
257973002	**U-2_20110630**					
RSK 175	Methane	291	ug/L	10.0	06/08/11 10:10	
EPA 6010	Iron	10900	ug/L	100	06/08/11 14:35	
EPA 6010	Arsenic, Dissolved	64.4	ug/L	20.0	06/10/11 11:18	
EPA 6010	Barium, Dissolved	190	ug/L	100	06/10/11 11:18	
EPA 6010	Manganese, Dissolved	4990	ug/L	15.0	06/10/11 11:18	
EPA 6010	Molybdenum, Dissolved	34.5	ug/L	20.0	06/17/11 09:16	
EPA 5030B/8260	tert-Butyl Alcohol	1310	ug/L	5.0	06/14/11 16:00	M1
EPA 5030B/8260	Ethylbenzene	7.1	ug/L	0.50	06/14/11 16:00	
EPA 5030B/8260	Methyl-tert-butyl ether	33.8	ug/L	0.50	06/14/11 16:00	
CA LUFT	TPH-Gasoline (C05-C12)	3280	ug/L	50.0	06/10/11 21:19	
SM 3500-Fe B#4	Iron, Ferric	8700	ug/L	100	06/17/11 11:45	
SM 3500-Fe B#4	Iron, Ferrous	2200	ug/L	100	06/03/11 13:30	
EPA 300.0	Chloride	57700	ug/L	10000	06/08/11 23:52	
EPA 300.0	Sulfate	29400	ug/L	2000	06/10/11 19:13	
EPA 410.4	Chemical Oxygen Demand	65600	ug/L	5000	06/15/11 13:00	
257973003	**U-3_20110630**					
EPA 5030B/8260	Methyl-tert-butyl ether	0.73	ug/L	0.50	06/10/11 17:01	
257973004	**U-4_20110630**					
SM 3500-Fe B#4	Iron, Ferrous	200	ug/L	100	06/03/11 12:30	
SM 5210B	BOD, 5 day	11500	ug/L	2000	06/09/11 13:30	
EPA 300.0	Chloride	40600	ug/L	10000	06/09/11 00:10	
EPA 300.0	Sulfate	79300	ug/L	10000	06/09/11 00:10	
EPA 353.2	Nitrogen, Nitrate	4280	ug/L	100	06/07/11 15:43	
EPA 353.2	Nitrogen, NO2 plus NO3	4280	ug/L	100	06/07/11 15:43	
EPA 410.4	Chemical Oxygen Demand	9530	ug/L	5000	06/15/11 13:00	
257973005	**U-5_20110630**					
EPA 5030B/8260	tert-Butyl Alcohol	61.6	ug/L	5.0	06/10/11 17:36	
EPA 5030B/8260	Methyl-tert-butyl ether	3.0	ug/L	0.50	06/10/11 17:36	

Pace Analytical Services, Inc.
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HITS ONLY

Project: 255325
Pace Project No.: 257973

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
257973005	**U-5_20110630**					
CA LUFT	TPH-Gasoline (C05-C12)	85.0	ug/L	50.0	06/10/11 17:36	

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ANALYTICAL RESULTS

Project: 255325
Pace Project No.: 257973

Sample: U-1_20110630 **Lab ID: 257973001** Collected: 06/03/11 11:35 Received: 06/04/11 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175							
Methane	**983**	ug/L	10.0	1		06/08/11 09:48	74-82-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**27100**	ug/L	100	1	06/07/11 11:36	06/08/11 14:32	7439-89-6	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony, Dissolved	ND	ug/L	60.0	1	06/09/11 09:48	06/10/11 11:15	7440-36-0	
Arsenic, Dissolved	**44.0**	ug/L	20.0	1	06/09/11 09:48	06/10/11 11:15	7440-38-2	
Barium, Dissolved	**224**	ug/L	100	1	06/09/11 09:48	06/10/11 11:15	7440-39-3	
Beryllium, Dissolved	ND	ug/L	5.0	1	06/09/11 09:48	06/10/11 11:15	7440-41-7	
Cadmium, Dissolved	ND	ug/L	5.0	1	06/09/11 09:48	06/10/11 11:15	7440-43-9	
Cobalt, Dissolved	ND	ug/L	50.0	1	06/09/11 09:48	06/10/11 11:15	7440-48-4	
Lead, Dissolved	ND	ug/L	10.0	1	06/09/11 09:48	06/10/11 11:15	7439-92-1	
Manganese, Dissolved	**2920**	ug/L	15.0	1	06/09/11 09:48	06/10/11 11:15	7439-96-5	
Molybdenum, Dissolved	ND	ug/L	20.0	1	06/09/11 09:48	06/10/11 11:15	7439-98-7	
Nickel, Dissolved	ND	ug/L	40.0	1	06/09/11 09:48	06/10/11 11:15	7440-02-0	
Selenium, Dissolved	ND	ug/L	10.0	1	06/09/11 09:48	06/10/11 11:15	7782-49-2	
Silver, Dissolved	ND	ug/L	10.0	1	06/09/11 09:48	06/10/11 11:15	7440-22-4	
Thallium, Dissolved	ND	ug/L	20.0	1	06/09/11 09:48	06/10/11 11:15	7440-28-0	
Vanadium, Dissolved	ND	ug/L	50.0	1	06/09/11 09:48	06/10/11 11:15	7440-62-2	
Zinc, Dissolved	ND	ug/L	40.0	1	06/09/11 09:48	06/10/11 11:15	7440-66-6	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury, Dissolved	ND	ug/L	0.20	1	06/07/11 10:41	06/08/11 10:33	7439-97-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	5.0	1		06/14/11 15:43	67-64-1	
tert-Amylmethyl ether	ND	ug/L	0.50	1		06/14/11 15:43	994-05-8	
Benzene	ND	ug/L	0.50	1		06/10/11 16:44	71-43-2	
tert-Butyl Alcohol	**880**	ug/L	5.0	1		06/14/11 15:43	75-65-0	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/14/11 15:43	106-93-4	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/14/11 15:43	107-06-2	
Diisopropyl ether	ND	ug/L	0.50	1		06/14/11 15:43	108-20-3	
Ethanol	ND	ug/L	250	1		06/14/11 15:43	64-17-5	
Ethylbenzene	**1.2**	ug/L	0.50	1		06/14/11 15:43	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		06/14/11 15:43	637-92-3	
Methyl-tert-butyl ether	**6.1**	ug/L	0.50	1		06/14/11 15:43	1634-04-4	
Toluene	ND	ug/L	0.50	1		06/14/11 15:43	108-88-3	
Xylene (Total)	ND	ug/L	1.5	1		06/14/11 15:43	1330-20-7	
4-Bromofluorobenzene (S)	96	%	80-120	1		06/14/11 15:43	460-00-4	
Dibromofluoromethane (S)	100	%	80-122	1		06/14/11 15:43	1868-53-7	
1,2-Dichloroethane-d4 (S)	95	%	80-124	1		06/14/11 15:43	17060-07-0	
Toluene-d8 (S)	96	%	80-123	1		06/14/11 15:43	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	**6490**	ug/L	50.0	1		06/10/11 16:44		

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ANALYTICAL RESULTS

Project: 255325
Pace Project No.: 257973

Sample: U-1_20110630 **Lab ID: 257973001** Collected: 06/03/11 11:35 Received: 06/04/11 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
CA LUFT MSV GRO	Analytical Method: CA LUFT							
4-Bromofluorobenzene (S)	94	%	82-116	1		06/10/11 16:44	460-00-4	
Iron, Ferric (Calculation)	Analytical Method: SM 3500-Fe B#4							
Iron, Ferric	**24700**	ug/L	100	1		06/17/11 11:45	7439-89-6	
Iron, Ferrous	Analytical Method: SM 3500-Fe B#4							
Iron, Ferrous	**2400**	ug/L	100	1		06/03/11 11:35		
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	**19600**	ug/L	2000	1	06/04/11 12:15	06/09/11 13:30		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**40700**	ug/L	10000	10		06/08/11 23:34	16887-00-6	
Sulfate	ND	ug/L	1000	1		06/10/11 18:53	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	**52.0**	ug/L	50.0	1		06/07/11 14:52		
Nitrogen, NO2 plus NO3	**60.2**	ug/L	50.0	1		06/07/11 14:52		
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	**40400**	ug/L	5000	1		06/15/11 13:00		
SM4500NO2-B, Nitrite, unpres	Analytical Method: SM 4500-NO2 B							
Nitrite as N	ND	ug/L	10.0	1		06/04/11 11:52	14797-65-0	

Sample: U-2_20110630 **Lab ID: 257973002** Collected: 06/03/11 13:30 Received: 06/04/11 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175							
Methane	**291**	ug/L	10.0	1		06/08/11 10:10	74-82-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**10900**	ug/L	100	1	06/07/11 11:36	06/08/11 14:35	7439-89-6	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony, Dissolved	ND	ug/L	60.0	1	06/09/11 09:48	06/10/11 11:18	7440-36-0	
Arsenic, Dissolved	**64.4**	ug/L	20.0	1	06/09/11 09:48	06/10/11 11:18	7440-38-2	
Barium, Dissolved	**190**	ug/L	100	1	06/09/11 09:48	06/10/11 11:18	7440-39-3	
Beryllium, Dissolved	ND	ug/L	5.0	1	06/09/11 09:48	06/10/11 11:18	7440-41-7	
Cadmium, Dissolved	ND	ug/L	5.0	1	06/09/11 09:48	06/10/11 11:18	7440-43-9	
Cobalt, Dissolved	ND	ug/L	50.0	1	06/09/11 09:48	06/10/11 11:18	7440-48-4	
Lead, Dissolved	ND	ug/L	10.0	1	06/09/11 09:48	06/10/11 11:18	7439-92-1	
Manganese, Dissolved	**4990**	ug/L	15.0	1	06/09/11 09:48	06/10/11 11:18	7439-96-5	

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ANALYTICAL RESULTS

Project: 255325
Pace Project No.: 257973

Sample: U-2_20110630 **Lab ID: 257973002** Collected: 06/03/11 13:30 Received: 06/04/11 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Molybdenum, Dissolved	**34.5**	ug/L	20.0	1	06/09/11 09:48	06/17/11 09:16	7439-98-7	
Nickel, Dissolved	ND	ug/L	40.0	1	06/09/11 09:48	06/10/11 11:18	7440-02-0	
Selenium, Dissolved	ND	ug/L	10.0	1	06/09/11 09:48	06/10/11 11:18	7782-49-2	
Silver, Dissolved	ND	ug/L	10.0	1	06/09/11 09:48	06/10/11 11:18	7440-22-4	
Thallium, Dissolved	ND	ug/L	20.0	1	06/09/11 09:48	06/10/11 11:18	7440-28-0	
Vanadium, Dissolved	ND	ug/L	50.0	1	06/09/11 09:48	06/10/11 11:18	7440-62-2	
Zinc, Dissolved	ND	ug/L	40.0	1	06/09/11 09:48	06/10/11 11:18	7440-66-6	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury, Dissolved	ND	ug/L	0.20	1	06/07/11 10:41	06/08/11 10:36	7439-97-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	5.0	1		06/14/11 16:00	67-64-1	
tert-Amylmethyl ether	ND	ug/L	0.50	1		06/14/11 16:00	994-05-8	
Benzene	ND	ug/L	0.50	1		06/14/11 16:00	71-43-2	
tert-Butyl Alcohol	**1310**	ug/L	5.0	1		06/14/11 16:00	75-65-0	M1
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/14/11 16:00	106-93-4	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/14/11 16:00	107-06-2	
Diisopropyl ether	ND	ug/L	0.50	1		06/14/11 16:00	108-20-3	
Ethanol	ND	ug/L	250	1		06/14/11 16:00	64-17-5	
Ethylbenzene	**7.1**	ug/L	0.50	1		06/14/11 16:00	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		06/14/11 16:00	637-92-3	
Methyl-tert-butyl ether	**33.8**	ug/L	0.50	1		06/14/11 16:00	1634-04-4	
Toluene	ND	ug/L	0.50	1		06/14/11 16:00	108-88-3	
Xylene (Total)	ND	ug/L	1.5	1		06/14/11 16:00	1330-20-7	
4-Bromofluorobenzene (S)	97	%	80-120	1		06/14/11 16:00	460-00-4	
Dibromofluoromethane (S)	100	%	80-122	1		06/14/11 16:00	1868-53-7	
1,2-Dichloroethane-d4 (S)	92	%	80-124	1		06/14/11 16:00	17060-07-0	
Toluene-d8 (S)	95	%	80-123	1		06/14/11 16:00	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	**3280**	ug/L	50.0	1		06/10/11 21:19		
4-Bromofluorobenzene (S)	94	%	82-116	1		06/10/11 21:19	460-00-4	
Iron, Ferric (Calculation)	Analytical Method: SM 3500-Fe B#4							
Iron, Ferric	**8700**	ug/L	100	1		06/17/11 11:45	7439-89-6	
Iron, Ferrous	Analytical Method: SM 3500-Fe B#4							
Iron, Ferrous	**2200**	ug/L	100	1		06/03/11 13:30		
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	ND	ug/L	2000	1	06/04/11 12:15	06/09/11 13:30		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**57700**	ug/L	10000	10		06/08/11 23:52	16887-00-6	
Sulfate	**29400**	ug/L	2000	2		06/10/11 19:13	14808-79-8	

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ANALYTICAL RESULTS

Project: 255325
Pace Project No.: 257973

Sample: U-2_20110630 **Lab ID: 257973002** Collected: 06/03/11 13:30 Received: 06/04/11 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	ug/L	50.0	1		06/07/11 14:53		
Nitrogen, NO2 plus NO3	ND	ug/L	50.0	1		06/07/11 14:53		
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	**65600**	ug/L	5000	1		06/15/11 13:00		
SM4500NO2-B, Nitrite, unpres	Analytical Method: SM 4500-NO2 B							
Nitrite as N	ND	ug/L	10.0	1		06/04/11 11:52	14797-65-0	

Sample: U-3_20110630 **Lab ID: 257973003** Collected: 06/03/11 11:55 Received: 06/04/11 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
tert-Amylmethyl ether	ND	ug/L	0.50	1		06/10/11 17:01	994-05-8	
Benzene	ND	ug/L	0.50	1		06/10/11 17:01	71-43-2	
tert-Butyl Alcohol	ND	ug/L	5.0	1		06/10/11 17:01	75-65-0	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/10/11 17:01	106-93-4	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/10/11 17:01	107-06-2	
Diisopropyl ether	ND	ug/L	0.50	1		06/10/11 17:01	108-20-3	
Ethanol	ND	ug/L	250	1		06/10/11 17:01	64-17-5	
Ethylbenzene	ND	ug/L	0.50	1		06/10/11 17:01	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		06/10/11 17:01	637-92-3	
Methyl-tert-butyl ether	**0.73**	ug/L	0.50	1		06/10/11 17:01	1634-04-4	
Toluene	ND	ug/L	0.50	1		06/10/11 17:01	108-88-3	
Xylene (Total)	ND	ug/L	1.5	1		06/10/11 17:01	1330-20-7	
4-Bromofluorobenzene (S)	101	%	80-120	1		06/10/11 17:01	460-00-4	
Dibromofluoromethane (S)	97	%	80-122	1		06/10/11 17:01	1868-53-7	
1,2-Dichloroethane-d4 (S)	95	%	80-124	1		06/10/11 17:01	17060-07-0	
Toluene-d8 (S)	98	%	80-123	1		06/10/11 17:01	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	ug/L	50.0	1		06/13/11 15:37		
4-Bromofluorobenzene (S)	100	%	82-116	1		06/13/11 15:37	460-00-4	

Sample: U-4_20110630 **Lab ID: 257973004** Collected: 06/03/11 12:30 Received: 06/04/11 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175							
Methane	ND	ug/L	10.0	1		06/07/11 14:55	74-82-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	ND	ug/L	100	1	06/07/11 11:36	06/08/11 14:38	7439-89-6	

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ANALYTICAL RESULTS

Project: 255325
Pace Project No.: 257973

Sample: U-4_20110630 **Lab ID: 257973004** Collected: 06/03/11 12:30 Received: 06/04/11 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony, Dissolved	ND	ug/L	60.0	1	06/09/11 09:48	06/10/11 12:38	7440-36-0	
Arsenic, Dissolved	ND	ug/L	20.0	1	06/09/11 09:48	06/10/11 12:38	7440-38-2	
Barium, Dissolved	ND	ug/L	100	1	06/09/11 09:48	06/10/11 12:38	7440-39-3	
Beryllium, Dissolved	ND	ug/L	5.0	1	06/09/11 09:48	06/10/11 12:38	7440-41-7	
Cadmium, Dissolved	ND	ug/L	5.0	1	06/09/11 09:48	06/10/11 12:38	7440-43-9	
Cobalt, Dissolved	ND	ug/L	50.0	1	06/09/11 09:48	06/10/11 12:38	7440-48-4	
Lead, Dissolved	ND	ug/L	10.0	1	06/09/11 09:48	06/10/11 12:38	7439-92-1	
Manganese, Dissolved	ND	ug/L	15.0	1	06/09/11 09:48	06/10/11 12:38	7439-96-5	
Molybdenum, Dissolved	ND	ug/L	20.0	1	06/09/11 09:48	06/10/11 12:38	7439-98-7	
Nickel, Dissolved	ND	ug/L	40.0	1	06/09/11 09:48	06/10/11 12:38	7440-02-0	
Selenium, Dissolved	ND	ug/L	10.0	1	06/09/11 09:48	06/10/11 12:38	7782-49-2	
Silver, Dissolved	ND	ug/L	10.0	1	06/09/11 09:48	06/10/11 12:38	7440-22-4	
Thallium, Dissolved	ND	ug/L	20.0	1	06/09/11 09:48	06/10/11 12:38	7440-28-0	
Vanadium, Dissolved	ND	ug/L	50.0	1	06/09/11 09:48	06/10/11 12:38	7440-62-2	
Zinc, Dissolved	ND	ug/L	40.0	1	06/09/11 09:48	06/10/11 12:38	7440-66-6	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury, Dissolved	ND	ug/L	0.20	1	06/07/11 10:41	06/08/11 10:38	7439-97-6	
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	5.0	1		06/14/11 10:33	67-64-1	
tert-Amylmethyl ether	ND	ug/L	0.50	1		06/14/11 10:33	994-05-8	
Benzene	ND	ug/L	0.50	1		06/14/11 10:33	71-43-2	
tert-Butyl Alcohol	ND	ug/L	5.0	1		06/14/11 10:33	75-65-0	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/14/11 10:33	106-93-4	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/14/11 10:33	107-06-2	
Diisopropyl ether	ND	ug/L	0.50	1		06/14/11 10:33	108-20-3	
Ethanol	ND	ug/L	250	1		06/14/11 10:33	64-17-5	
Ethylbenzene	ND	ug/L	0.50	1		06/14/11 10:33	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		06/14/11 10:33	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		06/14/11 10:33	1634-04-4	
Toluene	ND	ug/L	0.50	1		06/14/11 10:33	108-88-3	
Xylene (Total)	ND	ug/L	1.5	1		06/14/11 10:33	1330-20-7	
4-Bromofluorobenzene (S)	100	%	80-120	1		06/14/11 10:33	460-00-4	
Dibromofluoromethane (S)	100	%	80-122	1		06/14/11 10:33	1868-53-7	
1,2-Dichloroethane-d4 (S)	94	%	80-124	1		06/14/11 10:33	17060-07-0	
Toluene-d8 (S)	96	%	80-123	1		06/14/11 10:33	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	ug/L	50.0	1		06/10/11 17:19		
4-Bromofluorobenzene (S)	100	%	82-116	1		06/10/11 17:19	460-00-4	
Iron, Ferric (Calculation)	Analytical Method: SM 3500-Fe B#4							
Iron, Ferric	ND	ug/L	100	1		06/17/11 11:45	7439-89-6	

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ANALYTICAL RESULTS

Project: 255325
Pace Project No.: 257973

Sample: U-4_20110630 **Lab ID: 257973004** Collected: 06/03/11 12:30 Received: 06/04/11 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Iron, Ferrous	Analytical Method: SM 3500-Fe B#4							
Iron, Ferrous	**200**	ug/L	100	1		06/03/11 12:30		
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B							
BOD, 5 day	**11500**	ug/L	2000	1	06/04/11 12:15	06/09/11 13:30		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**40600**	ug/L	10000	10		06/09/11 00:10	16887-00-6	
Sulfate	**79300**	ug/L	10000	10		06/09/11 00:10	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	**4280**	ug/L	100	2		06/07/11 15:43		
Nitrogen, NO2 plus NO3	**4280**	ug/L	100	2		06/07/11 15:43		
410.4 COD	Analytical Method: EPA 410.4							
Chemical Oxygen Demand	**9530**	ug/L	5000	1		06/15/11 13:00		
SM4500NO2-B, Nitrite, unpres	Analytical Method: SM 4500-NO2 B							
Nitrite as N	ND	ug/L	10.0	1		06/04/11 11:52	14797-65-0	

Sample: U-5_20110630 **Lab ID: 257973005** Collected: 06/03/11 13:00 Received: 06/04/11 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
tert-Amylmethyl ether	ND	ug/L	0.50	1		06/10/11 17:36	994-05-8	
Benzene	ND	ug/L	0.50	1		06/10/11 17:36	71-43-2	
tert-Butyl Alcohol	**61.6**	ug/L	5.0	1		06/10/11 17:36	75-65-0	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/10/11 17:36	106-93-4	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/10/11 17:36	107-06-2	
Diisopropyl ether	ND	ug/L	0.50	1		06/10/11 17:36	108-20-3	
Ethanol	ND	ug/L	250	1		06/10/11 17:36	64-17-5	
Ethylbenzene	ND	ug/L	0.50	1		06/10/11 17:36	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		06/10/11 17:36	637-92-3	
Methyl-tert-butyl ether	**3.0**	ug/L	0.50	1		06/10/11 17:36	1634-04-4	
Toluene	ND	ug/L	0.50	1		06/10/11 17:36	108-88-3	
Xylene (Total)	ND	ug/L	1.5	1		06/10/11 17:36	1330-20-7	
4-Bromofluorobenzene (S)	101	%	80-120	1		06/10/11 17:36	460-00-4	
Dibromofluoromethane (S)	98	%	80-122	1		06/10/11 17:36	1868-53-7	
1,2-Dichloroethane-d4 (S)	94	%	80-124	1		06/10/11 17:36	17060-07-0	
Toluene-d8 (S)	97	%	80-123	1		06/10/11 17:36	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	**85.0**	ug/L	50.0	1		06/10/11 17:36		
4-Bromofluorobenzene (S)	101	%	82-116	1		06/10/11 17:36	460-00-4	

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ANALYTICAL RESULTS

Project: 255325
Pace Project No.: 257973

Sample: U-6_20110630 **Lab ID: 257973006** Collected: 06/03/11 09:50 Received: 06/04/11 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
tert-Amylmethyl ether	ND	ug/L	0.50	1		06/10/11 17:53	994-05-8	
Benzene	ND	ug/L	0.50	1		06/10/11 17:53	71-43-2	
tert-Butyl Alcohol	ND	ug/L	5.0	1		06/10/11 17:53	75-65-0	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/10/11 17:53	106-93-4	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/10/11 17:53	107-06-2	
Diisopropyl ether	ND	ug/L	0.50	1		06/10/11 17:53	108-20-3	
Ethanol	ND	ug/L	250	1		06/10/11 17:53	64-17-5	
Ethylbenzene	ND	ug/L	0.50	1		06/10/11 17:53	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		06/10/11 17:53	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		06/10/11 17:53	1634-04-4	
Toluene	ND	ug/L	0.50	1		06/10/11 17:53	108-88-3	
Xylene (Total)	ND	ug/L	1.5	1		06/10/11 17:53	1330-20-7	
4-Bromofluorobenzene (S)	101	%	80-120	1		06/10/11 17:53	460-00-4	
Dibromofluoromethane (S)	99	%	80-122	1		06/10/11 17:53	1868-53-7	
1,2-Dichloroethane-d4 (S)	95	%	80-124	1		06/10/11 17:53	17060-07-0	
Toluene-d8 (S)	96	%	80-123	1		06/10/11 17:53	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	ug/L	50.0	1		06/10/11 17:53		
4-Bromofluorobenzene (S)	101	%	82-116	1		06/10/11 17:53	460-00-4	

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QUALITY CONTROL DATA

Project: 255325
Pace Project No.: 257973

QC Batch: AIR/12443
QC Batch Method: RSK 175
Analysis Method: RSK 175
Analysis Description: RSK 175 AIR HEADSPACE
Associated Lab Samples: 257973004

METHOD BLANK: 989256 Matrix: Water
Associated Lab Samples: 257973004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	ND	10.0	06/07/11 10:58	

LABORATORY CONTROL SAMPLE & LCSD: 989257 989258

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	60.7	62.1	60.6	102	100	70-130	2	30	

SAMPLE DUPLICATE: 989560

Parameter	Units	9295374010 Result	Dup Result	RPD	Qualifiers
Methane	ug/L	899	964	7	

SAMPLE DUPLICATE: 990020

Parameter	Units	10159335014 Result	Dup Result	RPD	Qualifiers
Methane	ug/L	229	243	6	

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QUALITY CONTROL DATA

Project: 255325
Pace Project No.: 257973

QC Batch: AIR/12455 Analysis Method: RSK 175
QC Batch Method: RSK 175 Analysis Description: RSK 175 AIR HEADSPACE
Associated Lab Samples: 257973001, 257973002

METHOD BLANK: 990028 Matrix: Water
Associated Lab Samples: 257973001, 257973002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	ND	10.0	06/08/11 09:38	

LABORATORY CONTROL SAMPLE & LCSD: 990029 990030

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	60.7	67.0	63.4	110	104	70-130	6	30	

SAMPLE DUPLICATE: 990087

Parameter	Units	257973001 Result	Dup Result	RPD	Qualifiers
Methane	ug/L	983	1000	2	

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QUALITY CONTROL DATA

Project: 255325
Pace Project No.: 257973

QC Batch: MPRP/2263 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 257973001, 257973002, 257973004

METHOD BLANK: 73299 Matrix: Water
Associated Lab Samples: 257973001, 257973002, 257973004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	ND	100	06/08/11 13:40	

LABORATORY CONTROL SAMPLE: 73300

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	10000	10300	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 73301 73302

Parameter	Units	257943001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Iron	ug/L	2960	10000	10000	13100	12700	101	97	75-125	3	

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QUALITY CONTROL DATA

Project: 255325
Pace Project No.: 257973

QC Batch: MPRP/2268 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET Dissolved
Associated Lab Samples: 257973001, 257973002, 257973004

METHOD BLANK: 73574 Matrix: Water
Associated Lab Samples: 257973001, 257973002, 257973004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony, Dissolved	ug/L	ND	60.0	06/10/11 10:50	
Arsenic, Dissolved	ug/L	ND	20.0	06/10/11 10:50	
Barium, Dissolved	ug/L	ND	100	06/10/11 10:50	
Beryllium, Dissolved	ug/L	ND	5.0	06/10/11 10:50	
Cadmium, Dissolved	ug/L	ND	5.0	06/10/11 10:50	
Cobalt, Dissolved	ug/L	ND	50.0	06/10/11 10:50	
Lead, Dissolved	ug/L	ND	10.0	06/10/11 10:50	
Manganese, Dissolved	ug/L	ND	15.0	06/10/11 10:50	
Molybdenum, Dissolved	ug/L	ND	20.0	06/10/11 10:50	
Nickel, Dissolved	ug/L	ND	40.0	06/10/11 10:50	
Selenium, Dissolved	ug/L	ND	10.0	06/10/11 10:50	
Silver, Dissolved	ug/L	ND	10.0	06/10/11 10:50	
Thallium, Dissolved	ug/L	ND	20.0	06/10/11 10:50	
Vanadium, Dissolved	ug/L	ND	50.0	06/10/11 10:50	
Zinc, Dissolved	ug/L	ND	40.0	06/10/11 10:50	

LABORATORY CONTROL SAMPLE: 73575

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony, Dissolved	ug/L	500	468	94	80-120	
Arsenic, Dissolved	ug/L	500	478	96	80-120	
Barium, Dissolved	ug/L	500	472	94	80-120	
Beryllium, Dissolved	ug/L	500	494	99	80-120	
Cadmium, Dissolved	ug/L	500	466	93	80-120	
Cobalt, Dissolved	ug/L	500	483	97	80-120	
Lead, Dissolved	ug/L	500	484	97	80-120	
Manganese, Dissolved	ug/L	500	483	97	80-120	
Molybdenum, Dissolved	ug/L	500	509	102	80-120	
Nickel, Dissolved	ug/L	500	490	98	80-120	
Selenium, Dissolved	ug/L	500	465	93	80-120	
Silver, Dissolved	ug/L	250	242	97	80-120	
Thallium, Dissolved	ug/L	500	470	94	80-120	
Vanadium, Dissolved	ug/L	500	470	94	80-120	
Zinc, Dissolved	ug/L	500	483	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 73576 73577

Parameter	Units	257959003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Antimony, Dissolved	ug/L	ND	500	500	536	522	107	104	75-125	3	

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QUALITY CONTROL DATA

Project: 255325
Pace Project No.: 257973

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 73576 73577

Parameter	Units	257959003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Arsenic, Dissolved	ug/L	ND	500	500	569	558	114	112	75-125	2	
Barium, Dissolved	ug/L	ND	500	500	612	616	111	112	75-125	.7	
Beryllium, Dissolved	ug/L	ND	500	500	543	537	109	107	75-125	1	
Cadmium, Dissolved	ug/L	ND	500	500	551	538	110	108	75-125	2	
Cobalt, Dissolved	ug/L	ND	500	500	465	456	90	88	75-125	2	
Lead, Dissolved	ug/L	ND	500	500	455	452	90	89	75-125	.7	
Manganese, Dissolved	ug/L	12800	500	500	13600	13400	162	130	75-125	1	M1
Molybdenum, Dissolved	ug/L	ND	500	500	520	513	102	101	75-125	1	
Nickel, Dissolved	ug/L	119	500	500	577	567	91	90	75-125	2	
Selenium, Dissolved	ug/L	ND	500	500	566	549	112	109	75-125	3	
Silver, Dissolved	ug/L	ND	250	250	298	299	119	119	75-125	.07	
Thallium, Dissolved	ug/L	ND	500	500	432	431	85	85	75-125	.2	
Vanadium, Dissolved	ug/L	ND	500	500	479	477	95	94	75-125	.5	
Zinc, Dissolved	ug/L	ND	500	500	463	458	91	90	75-125	.9	

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QUALITY CONTROL DATA

Project: 255325
Pace Project No.: 257973

QC Batch: MERP/1451 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury ,Dissolved
Associated Lab Samples: 257973001, 257973002, 257973004

METHOD BLANK: 73264 Matrix: Water
Associated Lab Samples: 257973001, 257973002, 257973004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	ND	0.20	06/08/11 10:15	

LABORATORY CONTROL SAMPLE: 73265

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.0	101	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 73266 73267

Parameter	Units	257959003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Mercury, Dissolved	ug/L	ND	5	5	2.1	2.2	42	43	85-115	2	M1

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QUALITY CONTROL DATA

Project: 255325
Pace Project No.: 257973

QC Batch: MSV/4670 Analysis Method: EPA 5030B/8260
QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge
Associated Lab Samples: 257973003, 257973005, 257973006

METHOD BLANK: 73818 Matrix: Water
Associated Lab Samples: 257973003, 257973005, 257973006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/10/11 16:27	
1,2-Dichloroethane	ug/L	ND	1.0	06/10/11 16:27	
Benzene	ug/L	ND	0.50	06/10/11 16:27	
Diisopropyl ether	ug/L	ND	0.50	06/10/11 16:27	
Ethanol	ug/L	ND	250	06/10/11 16:27	
Ethyl-tert-butyl ether	ug/L	ND	0.50	06/10/11 16:27	
Ethylbenzene	ug/L	ND	0.50	06/10/11 16:27	
Methyl-tert-butyl ether	ug/L	ND	0.50	06/10/11 16:27	
tert-Amylmethyl ether	ug/L	ND	0.50	06/10/11 16:27	
tert-Butyl Alcohol	ug/L	ND	5.0	06/10/11 16:27	
Toluene	ug/L	ND	0.50	06/10/11 16:27	
Xylene (Total)	ug/L	ND	1.5	06/10/11 16:27	
1,2-Dichloroethane-d4 (S)	%	94	80-124	06/10/11 16:27	
4-Bromofluorobenzene (S)	%	101	80-120	06/10/11 16:27	
Dibromofluoromethane (S)	%	98	80-122	06/10/11 16:27	
Toluene-d8 (S)	%	97	80-123	06/10/11 16:27	

LABORATORY CONTROL SAMPLE: 73819

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	20	18.9	94	73-124	
1,2-Dichloroethane	ug/L	20	19.0	95	78-125	
Benzene	ug/L	20	19.8	99	76-127	
Diisopropyl ether	ug/L	20	20.5	102	70-137	
Ethanol	ug/L	400	347	87	31-182	
Ethyl-tert-butyl ether	ug/L	20	19.0	95	70-137	
Ethylbenzene	ug/L	20	19.4	97	72-125	
Methyl-tert-butyl ether	ug/L	20	19.5	97	58-145	
tert-Amylmethyl ether	ug/L	20	19.5	98	71-133	
tert-Butyl Alcohol	ug/L	100	98.9	99	31-166	
Toluene	ug/L	20	18.9	95	69-125	
Xylene (Total)	ug/L	60	58.3	97	74-124	
1,2-Dichloroethane-d4 (S)	%			93	80-124	
4-Bromofluorobenzene (S)	%			98	80-120	
Dibromofluoromethane (S)	%			99	80-122	
Toluene-d8 (S)	%			96	80-123	

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QUALITY CONTROL DATA

Project: 255325
Pace Project No.: 257973

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 74087 74088

Parameter	Units	258073001 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	20	20	19.8	18.5	99	93	78-117	6	
1,2-Dichloroethane	ug/L	ND	20	20	20.3	19.0	101	95	73-127	6	
Benzene	ug/L	ND	20	20	21.9	20.5	108	101	75-124	7	
Diisopropyl ether	ug/L	ND	20	20	22.1	20.7	111	103	69-130	7	
Ethanol	ug/L	ND	400	400	407	403	102	101	36-177	1	
Ethyl-tert-butyl ether	ug/L	ND	20	20	20.3	19.4	102	97	67-131	5	
Ethylbenzene	ug/L	1.1	20	20	22.5	20.8	107	98	76-124	8	
Methyl-tert-butyl ether	ug/L	5.8	20	20	26.5	26.1	103	101	72-130	1	
tert-Amylmethyl ether	ug/L	ND	20	20	20.7	19.7	104	99	67-132	5	
tert-Butyl Alcohol	ug/L	852	100	100	874	917	22	65	36-164	5	M1
Toluene	ug/L	ND	20	20	20.9	19.1	104	95	75-124	9	
Xylene (Total)	ug/L	ND	60	60	65.1	59.9	107	98	76-123	8	
1,2-Dichloroethane-d4 (S)	%						92	93	80-124		
4-Bromofluorobenzene (S)	%						97	97	80-120		
Dibromofluoromethane (S)	%						100	100	80-122		
Toluene-d8 (S)	%						96	96	80-123		

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QUALITY CONTROL DATA

Project: 255325
Pace Project No.: 257973

QC Batch: MSV/4690 Analysis Method: EPA 5030B/8260
QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge
Associated Lab Samples: 257973001, 257973002, 257973004

METHOD BLANK: 74146 Matrix: Water
Associated Lab Samples: 257973001, 257973002, 257973004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/14/11 09:59	
1,2-Dichloroethane	ug/L	ND	1.0	06/14/11 09:59	
Acetone	ug/L	ND	5.0	06/14/11 09:59	
Benzene	ug/L	ND	0.50	06/14/11 09:59	
Diisopropyl ether	ug/L	ND	0.50	06/14/11 09:59	
Ethanol	ug/L	ND	250	06/14/11 09:59	
Ethyl-tert-butyl ether	ug/L	ND	0.50	06/14/11 09:59	
Ethylbenzene	ug/L	ND	0.50	06/14/11 09:59	
Methyl-tert-butyl ether	ug/L	ND	0.50	06/14/11 09:59	
tert-Amylmethyl ether	ug/L	ND	0.50	06/14/11 09:59	
tert-Butyl Alcohol	ug/L	ND	5.0	06/14/11 09:59	
Toluene	ug/L	ND	0.50	06/14/11 09:59	
Xylene (Total)	ug/L	ND	1.5	06/14/11 09:59	
1,2-Dichloroethane-d4 (S)	%	94	80-124	06/14/11 09:59	
4-Bromofluorobenzene (S)	%	101	80-120	06/14/11 09:59	
Dibromofluoromethane (S)	%	101	80-122	06/14/11 09:59	
Toluene-d8 (S)	%	96	80-123	06/14/11 09:59	

LABORATORY CONTROL SAMPLE: 74147

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	20	19.4	97	73-124	
1,2-Dichloroethane	ug/L	20	19.3	97	78-125	
Acetone	ug/L	40	57.4	143	30-180	
Benzene	ug/L	20	19.5	98	76-127	
Diisopropyl ether	ug/L	20	20.7	104	70-137	
Ethanol	ug/L	400	671	168	31-182	
Ethyl-tert-butyl ether	ug/L	20	19.4	97	70-137	
Ethylbenzene	ug/L	20	19.0	95	72-125	
Methyl-tert-butyl ether	ug/L	20	19.9	100	58-145	
tert-Amylmethyl ether	ug/L	20	19.7	98	71-133	
tert-Butyl Alcohol	ug/L	100	102	102	31-166	
Toluene	ug/L	20	18.5	93	69-125	
Xylene (Total)	ug/L	60	57.1	95	74-124	
1,2-Dichloroethane-d4 (S)	%			93	80-124	
4-Bromofluorobenzene (S)	%			98	80-120	
Dibromofluoromethane (S)	%			102	80-122	
Toluene-d8 (S)	%			95	80-123	

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QUALITY CONTROL DATA

Project: 255325
Pace Project No.: 257973

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 74148 74149

Parameter	Units	257973002 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	20	20	16.8	18.5	84	93	78-117	10	
1,2-Dichloroethane	ug/L	ND	20	20	17.9	19.2	89	96	73-127	7	
Acetone	ug/L	ND	40	40	30.4	35.6	64	77	58-146	16	
Benzene	ug/L	ND	20	20	20.8	21.5	102	106	75-124	3	
Diisopropyl ether	ug/L	ND	20	20	20.5	21.8	103	109	69-130	6	
Ethanol	ug/L	ND	400	400	353	367	88	92	36-177	4	
Ethyl-tert-butyl ether	ug/L	ND	20	20	18.4	19.9	92	99	67-131	8	
Ethylbenzene	ug/L	7.1	20	20	27.6	29.0	102	109	76-124	5	
Methyl-tert-butyl ether	ug/L	33.8	20	20	49.3	57.5	78	118	72-130	15	
tert-Amylmethyl ether	ug/L	ND	20	20	18.3	20.3	91	101	67-132	10	
tert-Butyl Alcohol	ug/L	1310	100	100	1160	1400	-151	94	36-164	19	M1
Toluene	ug/L	ND	20	20	19.7	20.2	97	100	75-124	3	
Xylene (Total)	ug/L	ND	60	60	61.5	62.7	101	103	76-123	2	
1,2-Dichloroethane-d4 (S)	%						89	91	80-124		
4-Bromofluorobenzene (S)	%						98	97	80-120		
Dibromofluoromethane (S)	%						100	100	80-122		
Toluene-d8 (S)	%						97	95	80-123		

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QUALITY CONTROL DATA

Project: 255325
Pace Project No.: 257973

QC Batch: MSV/4669 Analysis Method: CA LUFT
QC Batch Method: CA LUFT Analysis Description: CA LUFT MSV GRO
Associated Lab Samples: 257973001, 257973002, 257973004, 257973005, 257973006

METHOD BLANK: 73816 Matrix: Water
Associated Lab Samples: 257973001, 257973002, 257973004, 257973005, 257973006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-Gasoline (C05-C12)	ug/L	ND	50.0	06/10/11 16:27	
4-Bromofluorobenzene (S)	%	101	82-116	06/10/11 16:27	

LABORATORY CONTROL SAMPLE: 73817

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-Gasoline (C05-C12)	ug/L	500	447	89	60-140	
4-Bromofluorobenzene (S)	%			98	82-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 74083 74084

Parameter	Units	257973006 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	532	478	103	92	60-140	11	
4-Bromofluorobenzene (S)	%						100	100	82-116		

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QUALITY CONTROL DATA

Project: 255325
Pace Project No.: 257973

QC Batch: MSV/4679
QC Batch Method: CA LUFT
Analysis Method: CA LUFT
Analysis Description: CA LUFT MSV GRO
Associated Lab Samples: 257973003

METHOD BLANK: 74035 Matrix: Water
Associated Lab Samples: 257973003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-Gasoline (C05-C12)	ug/L	ND	50.0	06/13/11 10:10	
4-Bromofluorobenzene (S)	%	100	82-116	06/13/11 10:10	

LABORATORY CONTROL SAMPLE: 74036

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-Gasoline (C05-C12)	ug/L	500	450	90	60-140	
4-Bromofluorobenzene (S)	%			100	82-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 74362 74363

Parameter	Units	258055002 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	477	456	86	82	60-140	5	
4-Bromofluorobenzene (S)	%						99	101	82-116		

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QUALITY CONTROL DATA

Project: 255325
Pace Project No.: 257973

QC Batch: WET/2851 Analysis Method: SM 5210B
QC Batch Method: SM 5210B Analysis Description: 5210B BOD, 5 day
Associated Lab Samples: 257973001, 257973002, 257973004

METHOD BLANK: 73114 Matrix: Water
Associated Lab Samples: 257973001, 257973002, 257973004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	ug/L	ND	2000	06/09/11 13:30	

LABORATORY CONTROL SAMPLE: 73115

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	ug/L	198000	188000	95	85-115	

SAMPLE DUPLICATE: 73116

Parameter	Units	257973001 Result	Dup Result	RPD	Qualifiers
BOD, 5 day	ug/L	19600	18500	5	

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QUALITY CONTROL DATA

Project: 255325
Pace Project No.: 257973

QC Batch: WETA/2039 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 257973001, 257973002, 257973004

METHOD BLANK: 73217 Matrix: Water
Associated Lab Samples: 257973001, 257973002, 257973004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	ug/L	ND	1000	06/08/11 16:08	
Sulfate	ug/L	ND	1000	06/08/11 16:08	

LABORATORY CONTROL SAMPLE: 73218

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	ug/L	5000	4530	91	90-110	
Sulfate	ug/L	15000	14300	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 73219 73220

Parameter	Units	257888001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Chloride	ug/L	21.8 mg/L	50000	50000	69400	69300	95	95	90-110	.2	
Sulfate	ug/L	91.6 mg/L	150000	150000	244000	242000	102	100	90-110	.7	

MATRIX SPIKE SAMPLE: 73221

Parameter	Units	257942001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	ug/L	96.4 mg/L	50000	148000	103	90-110	
Sulfate	ug/L	18.3 mg/L	150000	163000	96	90-110	

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QUALITY CONTROL DATA

Project: 255325
Pace Project No.: 257973

QC Batch: WETA/2037 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, preserved
Associated Lab Samples: 257973001, 257973002, 257973004

METHOD BLANK: 73156 Matrix: Water
Associated Lab Samples: 257973001, 257973002, 257973004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	ug/L	ND	50.0	06/07/11 14:29	

LABORATORY CONTROL SAMPLE: 73157

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	ug/L	1000	973	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 73158 73159

Parameter	Units	257926001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Nitrogen, NO2 plus NO3	ug/L	0.80 mg/L	1000	1000	1920	1910	112	111	90-110	.5	M1

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QUALITY CONTROL DATA

Project: 255325
Pace Project No.: 257973

QC Batch: WETA/2047 Analysis Method: EPA 410.4
QC Batch Method: EPA 410.4 Analysis Description: 410.4 COD
Associated Lab Samples: 257973001, 257973002, 257973004

METHOD BLANK: 74346 Matrix: Water
Associated Lab Samples: 257973001, 257973002, 257973004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	ug/L	ND	5000	06/15/11 13:00	

LABORATORY CONTROL SAMPLE: 74347

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	ug/L	42500	43600	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 74348 74349

Parameter	Units	257959010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Chemical Oxygen Demand	ug/L	15100	50000	50000	65600	66700	101	103	90-110	2	

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QUALITY CONTROL DATA

Project: 255325
Pace Project No.: 257973

QC Batch: WETA/2035 Analysis Method: SM 4500-NO2 B
QC Batch Method: SM 4500-NO2 B Analysis Description: SM4500NO2-B, Nitrite, unpres
Associated Lab Samples: 257973001, 257973002, 257973004

METHOD BLANK: 73117 Matrix: Water
Associated Lab Samples: 257973001, 257973002, 257973004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrite as N	ug/L	ND	10.0	06/04/11 11:52	

LABORATORY CONTROL SAMPLE: 73118

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrite as N	ug/L	50	50.6	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 73119 73120

Parameter	Units	257973001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Nitrite as N	ug/L	ND	50	50	58.1	55.9	100	95	71-109	4	

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QUALIFIERS

Project: 255325
Pace Project No.: 257973

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

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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

LABORATORIES

PASI-M	Pace Analytical Services - Minneapolis
PASI-S	Pace Analytical Services - Seattle

BATCH QUALIFIERS

Batch: WET/2852

[1] Ferrous iron results obtained in the field and provided by the client. Total iron results obtained in the lab within acceptable hold times. No holding time violations occurred for ferric iron calculation.

Batch: WET/2853

[1] Ferrous iron results obtained in the field and provided by the client. Total iron results obtained in the lab within acceptable hold times. No holding time violations occurred for ferric iron calculation.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 255325
Pace Project No.: 257973

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
257973001	**U-1_20110630**	RSK 175	AIR/12455		
257973002	**U-2_20110630**	RSK 175	AIR/12455		
257973004	**U-4_20110630**	RSK 175	AIR/12443		
257973001	**U-1_20110630**	EPA 3010	MPRP/2263	EPA 6010	ICP/2167
257973002	**U-2_20110630**	EPA 3010	MPRP/2263	EPA 6010	ICP/2167
257973004	**U-4_20110630**	EPA 3010	MPRP/2263	EPA 6010	ICP/2167
257973001	**U-1_20110630**	EPA 3010	MPRP/2268	EPA 6010	ICP/2173
257973002	**U-2_20110630**	EPA 3010	MPRP/2268	EPA 6010	ICP/2173
257973004	**U-4_20110630**	EPA 3010	MPRP/2268	EPA 6010	ICP/2173
257973001	**U-1_20110630**	EPA 7470	MERP/1451	EPA 7470	MERC/1465
257973002	**U-2_20110630**	EPA 7470	MERP/1451	EPA 7470	MERC/1465
257973004	**U-4_20110630**	EPA 7470	MERP/1451	EPA 7470	MERC/1465
257973001	**U-1_20110630**	EPA 5030B/8260	MSV/4690		
257973002	**U-2_20110630**	EPA 5030B/8260	MSV/4690		
257973003	**U-3_20110630**	EPA 5030B/8260	MSV/4670		
257973004	**U-4_20110630**	EPA 5030B/8260	MSV/4690		
257973005	**U-5_20110630**	EPA 5030B/8260	MSV/4670		
257973006	**U-6_20110630**	EPA 5030B/8260	MSV/4670		
257973001	**U-1_20110630**	CA LUFT	MSV/4669		
257973002	**U-2_20110630**	CA LUFT	MSV/4669		
257973003	**U-3_20110630**	CA LUFT	MSV/4679		
257973004	**U-4_20110630**	CA LUFT	MSV/4669		
257973005	**U-5_20110630**	CA LUFT	MSV/4669		
257973006	**U-6_20110630**	CA LUFT	MSV/4669		
257973001	**U-1_20110630**	SM 3500-Fe B#4	WET/2852		
257973002	**U-2_20110630**	SM 3500-Fe B#4	WET/2852		
257973004	**U-4_20110630**	SM 3500-Fe B#4	WET/2852		
257973001	**U-1_20110630**	SM 3500-Fe B#4	WET/2853		
257973002	**U-2_20110630**	SM 3500-Fe B#4	WET/2853		
257973004	**U-4_20110630**	SM 3500-Fe B#4	WET/2853		
257973001	**U-1_20110630**	SM 5210B	WET/2851	SM 5210B	WET/2865
257973002	**U-2_20110630**	SM 5210B	WET/2851	SM 5210B	WET/2865
257973004	**U-4_20110630**	SM 5210B	WET/2851	SM 5210B	WET/2865
257973001	**U-1_20110630**	EPA 300.0	WETA/2039		
257973002	**U-2_20110630**	EPA 300.0	WETA/2039		
257973004	**U-4_20110630**	EPA 300.0	WETA/2039		
257973001	**U-1_20110630**	EPA 353.2	WETA/2037		
257973002	**U-2_20110630**	EPA 353.2	WETA/2037		
257973004	**U-4_20110630**	EPA 353.2	WETA/2037		
257973001	**U-1_20110630**	EPA 410.4	WETA/2047		

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 255325
Pace Project No.: 257973

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
257973002	**U-2_20110630**	EPA 410.4	WETA/2047		
257973004	**U-4_20110630**	EPA 410.4	WETA/2047		
257973001	**U-1_20110630**	SM 4500-NO2 B	WETA/2035		
257973002	**U-2_20110630**	SM 4500-NO2 B	WETA/2035		
257973004	**U-4_20110630**	SM 4500-NO2 B	WETA/2035		

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.

PACE ANALYTICAL- SEATTLE (Subcontract Samples)

2Q11 GW Eve

Required Lab Information:		Required Project Information:		Required Invoice Information:	
Lab Name	Pace-Seattle	Site ID #	255325 Task: WG_Q_201106	Send Invoice to:	David Sowle
Address:	940 S. Harney Street Seattle WA 98108	Delta project #		Address:	11050 White Rock Road, Suite 110
Lab PM:	Regina Ste. Marie	Site Address	3200 LAKESHORE AVE	City/State	Rancho Cordova CA 95670 Phone #: 1-800-477-7411
Phone/Fax:	P: 206-957-2433 F: 206-767-5063	City	OAKLAND State CA 94610	Reimbursement project?	Non-reimbursement project? Y (Mark one)
Lab PM email	Regina.SteMarie@pacelabs.com	Delta PM Name	Dennis Dettloff	Send EDD to	copeltdata@intelligentehs.com
Applicable Lab Quote #:		Phone/Fax:	P: 1-800-477-7411 F: 916-638-8385	CC Hardcopy report to	
		Delta PM Email:	ddettloff@deltaenv.com	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 / CODE

Requested Analyses: (1) [illegible] Nitrate; (2) 300 Sulfate; (3) 8015Diesel(Total); (4) 8260 (C6-C10) GRO; (5) 8260 BTEX/MTBE/7 Oxy/CA; (6) Alkalinity ([illegible]); (7) Chloride 300; (8) Ferrous Fe & Ferric Fe 3500; (9) Methane RSK175; (10) Nitrite 353.2; (11) 6010 Metals list*; (12) BOD 5210B; (13) COD 410.4; (14) Hg 7470

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	# OF CONTAINERS	FIELD FILTERED? (Y/N)	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	Comments/Lab Sample I.D.
1	U-1_20110630	WG	G	6-3-11	1135	14	Y	X	X	X	X					x	x	x	x	x	x	x	x	x	x	x	x	x	x	
2	U-2_20110630	WG	G	↓	1330	14	Y	X	X	X	X					x	x	x	x	x	x	x	x	x	x	x	x	x	x	
3	U-3_20110630	WG	G	↓	1155	6	N				X								x	x										
4	U-4_20110630	WG	G	↓	1230	14	Y	X	X	X	X					x	x	x	x	x	x	x	x	x	x	x	x	x	x	7 OXYs = DIPE, TBA, TAME, ETBE, 1,2-DCA, EDB and ethanol
5	U-5_20110630	WG	G	↓	1300	6	N				X								x	x										
6	U-6_20110630	WG	G	↓	0950	10	N				X								x	x										
7																														
8																														*6010 Metals list: Mn, Ag, As, Ba, Be, Cd, Co, Mo, Ni, Pb, Sb, Se, Tl, V and Zn* Dissolved metals field filtered into preserved bottles
9																														
10																														
11																														
12																														

Additional Comments/Special Instructions: Fe^{2+}:
U-1: 2.4 mg/L
U-2: 2.2 mg/L
U-4: 0.2 mg/L

GLOBAL ID: T0600101463

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
B. Pell / BTS	6-3-11	1620			
Fedex	6/4/11	0945	Jyoth Suay / PACE	6/4/11	0945

Sample Receipt Conditions			
Temp in °C	Samples on Ice?	Sample Intact?	Trip Blank?
	Y / N	Y / N	Y / N
	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 (circled) US MAIL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Ben Pacell
SIGNATURE of SAMPLER: B. Pell DATE Signed: 6-3-11 Time: 1620

Inogen

Sample Container Count

CLIENT: Antea

Pace Analytical

COC PAGE 1 of 1

COC ID# —

257973

Sample Line Item	VG9H	AG1H	AG1U	BG1H	BP1U	BP2U	BP3U	BP2N (Field Filtered)	BP2S	WGFU	WGKU	VSG	BP3N		Comments
1	6				2			1	1			3	1		
2					2			1	1			3	1		
3															
4					2			1	1			3	1		
5															
6	10														
7															
8															
9															
10															
11															
12															Trip Blank? No

AG1H	1 liter HCL amber glass		BP2S	500mL H2SO4 plastic		JGFU	4oz unpreserved amber wide
AG1U	1liter unpreserved amber glass		BP2U	500mL unpreserved plastic		R	terra core kit
AG2S	500mL H2SO4 amber glass		BP2Z	500mL NaOH, Zn Ac		U	Summa Can
AG2U	500mL unpreserved amber glass		BP3C	250mL NaOH plastic		VG9H	40mL HCL clear vial
AG3S	250mL H2SO4 amber glass		BP3N	250mL HNO3 plastic		VG9T	40mL Na Thio. clear vial
BG1H	1 liter HCL clear glass		BP3S	250mL H2SO4 plastic		VG9U	40mL unpreserved clear vial
BG1U	1 liter unpreserved glass		BP3U	250mL unpreserved plastic		VG9W	40mL glass vial prewighted (EPA 5035)
BP1N	1 liter HNO3 plastic		DG9B	40mL Na Bisulfate amber vial		VSG	Headspace septa vial & HCL
BP1S	1 liter H2SO4 plastic		DG9H	40mL HCL amber voa vial		WGFU	4oz clear soil jar
BP1U	1 liter unpreserved plastic		DG9M	40mL MeOH clear vial		WGFX	4oz wide jar w/hexane wipe
BP1Z	1 liter NaOH, Zn, Ac		DG9T	40mL Na Thio amber vial		ZPLC	Ziploc Bag
BP2N	500mL HNO3 plastic		DG9U	40mL unpreserved amber vial			
BP2O	500mL NaOH plastic		I	Wipe/Swab			

Sample Condition Upon Receipt

Pace Analytical

Client Name: Antea Project # 257973

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

Tracking #: 8664 1833 0411

Custody Seal on Cooler/Box Present: ☑ Yes ☐ No Seals intact: ☑ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____ Temp. Blank: Yes No

Thermometer Used 132013 or 101731982 or 126099 Type of Ice: Wet Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 1.7, 1.8°C Biological Tissue is Frozen: Yes No

Temp should be above freezing ≤ 6°C

Comments:

Date and Initials of person examining contents: NS 6/4/11

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. BOD, NO_2/NO_3
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A	7.
Follow Up / Hold Analysis Requested:	☐Yes	☑No	☐N/A	8.
Sufficient Volume:	☑Yes	☐No	☐N/A	9.
Correct Containers Used.	☑Yes	☐No	☐N/A	10.
-Pace Containers Used:	☑Yes	☐No	☐N/A	
Containers Intact.	☑Yes	☐No	☐N/A	11.
Filtered volume received for Dissolved tests	☑Yes	☐No	☐N/A	12.
Sample Labels match COC:	☑Yes	☐No	☐N/A	13.
-Includes date/time/ID/Analysis Matrix: Water				
All containers needing preservation have been checked.	☑Yes	☐No	☐N/A	14.
All containers needing preservation are found to be in compliance with EPA recommendation	☑Yes	☐No	☐N/A	
Exceptions: VOA, coliform, TOC, O&G				Initial when completed / Lot # of added preservative
Samples checked for dechlorination.	☐Yes	☐No	☑N/A	15
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A	16.
Trip Blanks Present:	☐Yes	☑No	☐N/A	17.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	
Pace Trip Blank Lot # (if purchased):				

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: RSM Date: 06/06/11

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)

Is the Data Valid? (circle) Yes / No	Preservation Temperature (if Known): 1.8 °C

Antea Group Lab Validation Sheet

Project/Client: COP/ELT
Project #: I40255325
Date of Validation: 7/26/11 **Date of Analysis:** 6/3/11 **Sample Date:** 6/10/11
Completed By: Jon F. **Signature:** Jonathan Fillingame
Analytical Lab Used and Report # (if any): Pace Analytical 257973

	Circle or Highlight Yes/No below	
1. Was the analysis the one requested?	Yes / No	
2. Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	Yes / No	
3. Were samples prepared (extracted, filtered, etc.) within EPA holding times?	Yes / No	
4. Once prepared/extracted, were the samples analyzed within the EPA holding times?	Yes / No	
5. Were Laboratory blanks performed, if so, were they below non-detect?	Yes / No	
6. Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	Yes / No	
7. Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	Yes / No	
8. In lieu of MS/ MSD, were surrogate spike (SS) or surrogate spike duplicate (SSD) samples included in the laboratory batch samples?	Yes / No	N/a
9. Were MS/ MSD (or SS/SSD) within the acceptable range of % recovery (i.e., approx 80-120% depending on analyte)?	Yes / No	
10. Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	Yes / No	
11. Were Relative Percent Difference values within the acceptable range (i.e. ± 25%)?	Yes / No	

If any answer is no, explain why and what corrective action was taken:

9. Matrix Spike recovery exceeded QC limits for dissolved Manganese, TBA, and Nitrogen, NO2 plus NO3