Pacific Gas and Electric Company®

Environmental Services (ES)
3400 Crow Canyon Road
San Ramon, CA 94583

925.820.2000
Fax: 925.866.5892

March 2, 2007

Barney Chan
Alameda County Health Agency
Division of Environmental Protection
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

Subject: Transmittal of *Annual Groundwater Monitoring Report, December 2006 Event, Pacific Gas and Electric Company, Oakland General Construction Yard, 4930 Coliseum Way, Oakland, California*

Dear Mr. Chan:

Attached is the *Annual Groundwater Monitoring Report, December 2006 Event, Pacific Gas and Electric Company, Oakland General Construction Yard, 4930 Coliseum Way, Oakland, California*, dated March 2007. PG&E has retained ENTRIX, Inc., and Geomatrix Consultants, Inc. to perform groundwater monitoring and other technical studies at the subject site. The attached report was prepared by Innovative Technical Solutions, Inc., with review by Geomatrix.

Should you have technical questions pertaining to this report, you may contact Bob Schultz of Geomatrix at 510.663.4117. For any other questions or requests pertaining to the regulatory case at the subject site, please contact me at 925.866.5888.

Sincerely,

Robert Saur
Project Manager

RAS: ngc
402.331.07.14

cc: Margarita Khavul, PG&E

ANNUAL GROUNDWATER MONITORING REPORT

December 2006 Sampling Event

Pacific Gas and Electric Company
Oakland General Construction Yard
4930 Coliseum Way
Oakland, California

Prepared For:

Pacific Gas and Electric Company
3400 Crow Canyon Road
San Ramon, CA 94583

Prepared By:

Innovative Technical Solutions, Inc.
2730 Shadelands Drive, Suite 100
Walnut Creek, CA 94598

March 2007

ITSI Project No: 07037.0009

ITSI Innovative Technical Solutions, Inc.

ANNUAL GROUNDWATER MONITORING REPORT

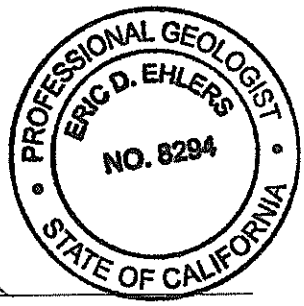
December 2006 Sampling Event

Pacific Gas and Electric Company
Oakland General Construction Yard
4930 Coliseum Way
Oakland, California

This report was prepared by the staff of Innovative Technical Solutions, Inc., under the supervision of the Geologist(s) and/or Engineer(s) whose seal(s) and signature(s) appear hereon.

The findings, recommendations, specifications, or professional opinions are presented within the limits described by the client, in accordance with generally accepted professional engineering and geologic practice. No warranty is expressed or implied.

Prepared By:



Eric Ehlers, P.G.
Project Manager

Reviewed By:

Jeff Hess, P.G.
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March 2007

ITSI Project No. 07037.0010

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ACRONYMS AND ABBREVIATIONS

ACHCSA	Alameda County Health Care Services Agency
AST	above-ground storage tank
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylenes
CCR	California Code of Regulations
CFR	Code of Federal Regulations
EPA	U.S. Environmental Protection Agency
ITSI	Innovative Technical Solutions, Inc.
LC/LCSD	laboratory control/laboratory control duplicate
MCL	maximum contaminant level
mg/kg	milligrams per kilogram
µg/l	micrograms per liter
MS/MSD	matrix spike and matrix spike duplicate
msl	mean sea level
MTBE	methyl tertiary butyl ether
O&G	oil and gas
PG&E	Pacific Gas and Electric Company
RL	reporting limit
RPD	relative percent difference
RWQCB	Regional Water Quality Control Board
STLC	soluble threshold limit concentration
TPH	total petroleum hydrocarbons
TPHd	total petroleum hydrocarbons quantified as diesel
TPHg	total petroleum hydrocarbons quantified as gasoline
TTLC	total threshold limit concentration
UST	underground storage tank
VOC(s)	volatile organic compound(s)

1.0 INTRODUCTION

This report presents the results of annual groundwater monitoring completed on December 20, 2006, at the Pacific Gas and Electric Company (PG&E) General Construction Yard located at 4930 Coliseum Way in Oakland, California (the site, Figure 1). The groundwater monitoring program includes the following activities: (1) measuring groundwater elevations; (2) collecting groundwater samples from monitoring wells on site; and (3) performing laboratory analyses of the samples. The program objective is to monitor the distribution of select fuel-related compounds, volatile organic compounds (VOCs), and dissolved lead in shallow groundwater beneath the site. The following sections summarize the site description, site background, groundwater monitoring activities, and analytical results of samples collected on December 20, 2006. Previous analytical results are summarized in a table provided in Appendix A.

2.0 SITE DESCRIPTION

The site consists of approximately 4 acres and is operated as a storage yard for equipment and vehicles (Figure 2). The surrounding area is primarily commercial and light industrial. The site is bounded by Coliseum Way to the south, 50th Avenue to the southeast and commercial properties to the north (Figure 1).

3.0 SITE HISTORY

The following summarizes previous environmental activities associated with the site:

- **January 1988 -** Five underground storage tanks (USTs) and associated piping located in the northern and eastern portions of the site were removed (Figure 2). Four of the former USTs were located in a cluster in the northern portion of the site (former UST cluster). Two of these USTs reportedly contained heavy oil and two contained mineral spirits (Secor, 2006). The fifth former UST was located near the west corner of the yard and reportedly contained diesel fuel.
- **April 1988 –** Installation of groundwater monitoring wells OW-1 through OW-4
- **May 1990 -** One natural gas, above ground storage tank (AST) was removed from the central portion of the site (Figure 2).
- **November and December 1991 -** Approximately 2,000 cubic yards of soil were excavated to a depth of approximately 8 to 8 ½ feet below ground surface (bgs) as a

remedial action for the petroleum hydrocarbons identified in the soil in the vicinity of the former UST cluster. Groundwater monitoring wells OW-6 and OW-7 were installed. The concentrations of TPHd and oil and grease in the soil samples collected along the site boundaries during soil excavation activities were greater than soil cleanup target levels, while concentrations of TPHd and oil and grease in each of the remaining confirmatory samples were less than the cleanup target levels. Oil was visible in the soils in the northeast wall of the excavation along the property line, and two pipes that contained a similar petroleum product were also exposed in the wall of the excavation. The conclusions of the February 1992 *Site Remediation and Closure Report, Former Tank Cluster Area* prepared by Earth Technology Corporation suggested that off-site sources of petroleum hydrocarbons may exist in both the northeast and northwest directions (ETC, 1992).

- **December 1991** – Installation of groundwater monitoring wells OW-5 through OW-7.
- **September and October 1992** – An asphaltic concrete cap was constructed on lead-affected surface soil in the vicinity of the former natural gas AST. Lead, believed to have originated from lead-based paint chips generated from sandblasting of the former natural gas AST, was found in soil samples collected from this area.
- **February 1993** – Groundwater monitoring well OW-8 was installed in the southern area of the yard near the location of the former natural gas AST to monitor lead concentrations in the groundwater.
- **July 1994** – Groundwater sampling frequency reduced from quarterly to a semiannual basis.

4.0 GROUNDWATER MONITORING ACTIVITIES

Blaine Tech Services, Inc. performed the 2006 annual groundwater monitoring event on December 20, 2006. Groundwater sampling was performed using low-flow purging and sampling methods in accordance with the Low-Flow Purging and Sampling Protocol (Appendix B). Depth to groundwater measurements were collected from OW-1, OW-2, OW-5, OW-6, OW-7, and OW-8, and were recorded in the Groundwater Purging and Sampling Logs (Appendix C). Field personnel observed a black substance on the water level indicator while measuring depth to groundwater in OW-5; however, this substance is not believed to be a non-aqueous phase liquid (NAPL), because historical groundwater concentrations and previous water level measurements do not appear to indicate that NAPL has been present in this well. Well OW-4 was inaccessible because a storage container was placed over the well. Table 1 summarizes the depth to water measurements and groundwater elevation data. The groundwater elevation measurements were used to prepare a groundwater elevation map to determine the direction and magnitude of

groundwater flow. Figure 3 shows the groundwater elevation map. Purge water generated during the groundwater monitoring activities was temporarily stored onsite in 55-gallon steel drums pending disposal.

Groundwater samples were collected from OW-1, OW-2, OW-5, OW-6, OW-7, and OW-8 in laboratory supplied containers. The samples were shipped on ice to Creek Laboratories, Inc., a California state-certified laboratory, for analysis under chain-of-custody protocol.

Samples from the monitoring wells were analyzed for the following:

- OW-1, OW-5, OW-6, and OW-7 were analyzed for TPHd and TPHg using U. S. Environmental Protection Agency (EPA) Method 8015B.
- OW-1 was analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) using EPA Method 8260B.
- OW-5, OW-6, and OW-7 were analyzed for VOCs using EPA Method 8260B.
- OW-2 and OW-5 were analyzed for dissolved lead using EPA Method 6010B.

Table 2 and Table 3 summarize the laboratory analytical results. Figure 4 presents the results of the December 20, 2006, sampling event. Appendix D includes the laboratory analytical reports and chain-of-custody documentation.

All analyses were performed within the holding times specified by the EPA. None of the tested analytes were detected in the method blanks. The surrogate recoveries were within the laboratory acceptance limits. Recoveries of laboratory control/laboratory control duplicates (LC/LCD), Recoveries of matrix spike/matrix spike duplicate (MS/MSD) were within the laboratory acceptance limits. The relative percent difference (RPD) were within the laboratory acceptance limits except for 1,1-dichloroethene with a RPD of 22, which was outside laboratory RPD limit of 20. A field duplicate sample was not collected during this sampling event.

5.0 GROUNDWATER MONITORING RESULTS

Groundwater level measurements collected during the December 20, 2006, monitoring event indicate that depth to water ranged from 2.85 to 5.49 feet below the top of casing. Based on these groundwater level measurements, the predominant groundwater flow direction was towards the south with an approximate hydraulic gradient of 0.005 ft/ft.

Laboratory analytical results for the groundwater samples collected from the six monitoring wells sampled during the December 20, 2006, monitoring event indicate the following:

- TPHg was detected at 90 µg/l in OW-5. TPHg was not detected above the laboratory method reporting limit of 50 µg/l in any other samples collected from the site.
- TPHd was detected in groundwater samples collected from OW-1, OW-5, and OW-7 at concentrations of 200 µg/l, 300 µg/l, and 400 µg/l, respectively. TPHd was detected at concentrations lower than previously reported concentrations (CSS, 2005; Appendix D). The highest concentration of TPHd was found in the sample collected from well OW-7 at 400 µg/l, located in the the northeastern (upgradient) portion of the property.
- Dissolved lead was not detected above the laboratory method reporting limit of 20 µg/l in the samples analyzed from OW-2, OW-5, and OW-8.
- With the exception of benzene detected at 0.7 µg/l in OW-5. BTEX and methyl tertiary butyl ether (MTBE) were not detected above the laboratory method reporting limit in any other samples.
- VOCs were detected in samples collected from OW-5, OW-6, and OW-7. VOCs were detected at concentrations lower than previous monitoring events. The highest concentrations of VOCs were found in the sample collected from well OW-7, located in the northeastern (upgradient) portion of the property.

6.0 CONCLUSIONS

The direction of groundwater flow is consistent with the results of previous monitoring events. The hydraulic gradient is less than previously reported. Overall, the analytical results of the December 20, 2006, groundwater monitoring event are lower than the results of previous groundwater monitoring events.

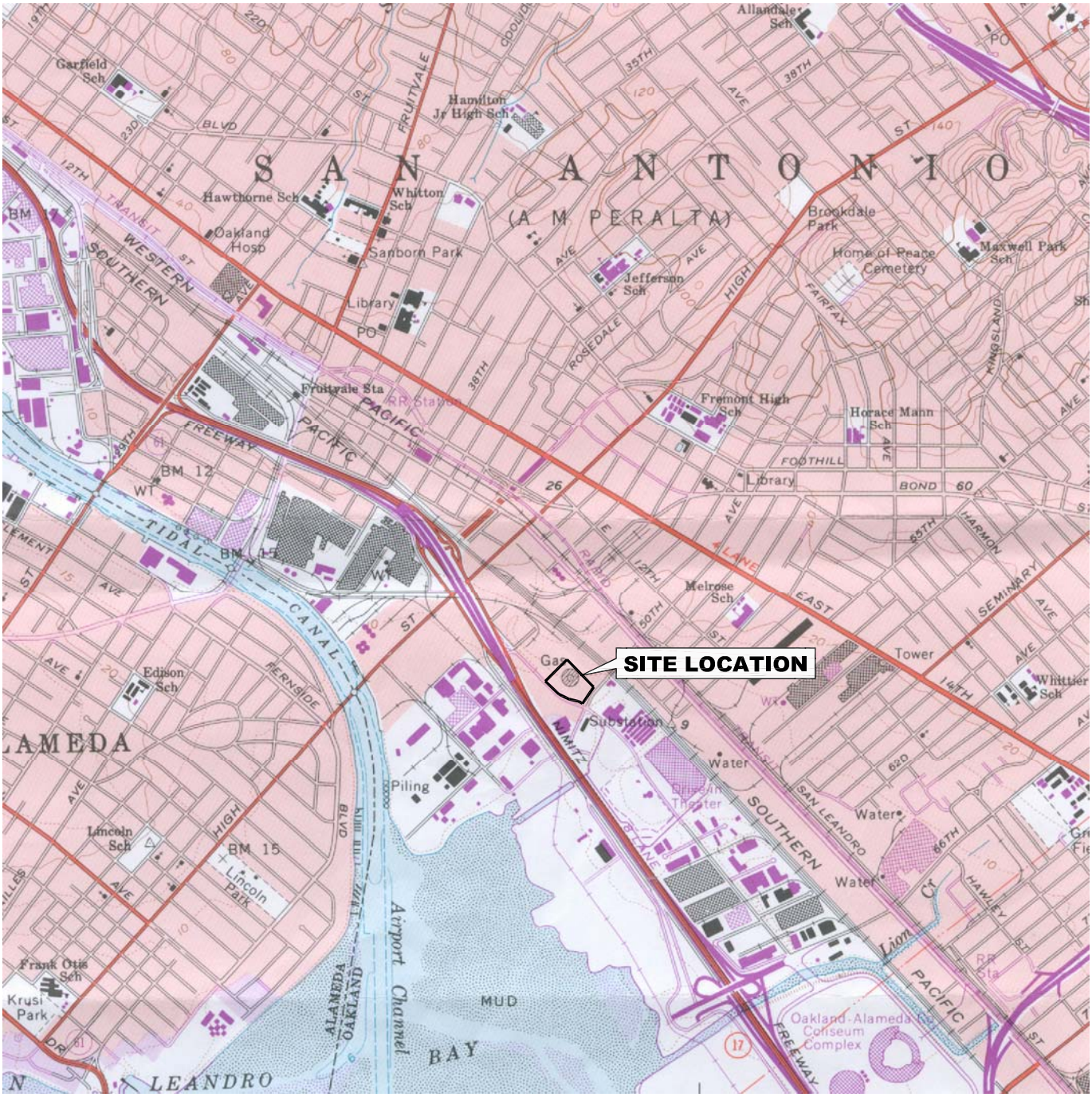
7.0 REFERENCES

CSS Environmental Services, Inc., 2005, Semi-Annual Groundwater Monitoring Report, Pacific Gas and Electric General Construction Yard, 4930 Coliseum Way, Oakland, California, September 2.

Earth Technology Corporation (ETC), 1992, Site Remediation and Closure Report Former Tank Cluster Area, Pacific Gas and Electric General Construction Yard, 4930 Coliseum Way, Oakland, California, February.

Secor International Incorporated (Secor), 2006, Second Semester 2005 Groundwater Monitoring Report, Pacific Gas and Electric General Construction Yard, 4930 Coliseum Way, Oakland, California, December.

FIGURES



REFERENCE: USGS 7.5 MINUTE QUADRANGLE;
OAKLAND EAST, CALIFORNIA
PHOTOREVISED 1981

Innovative Technical Solutions, Inc.

Pacific Gas and Electric

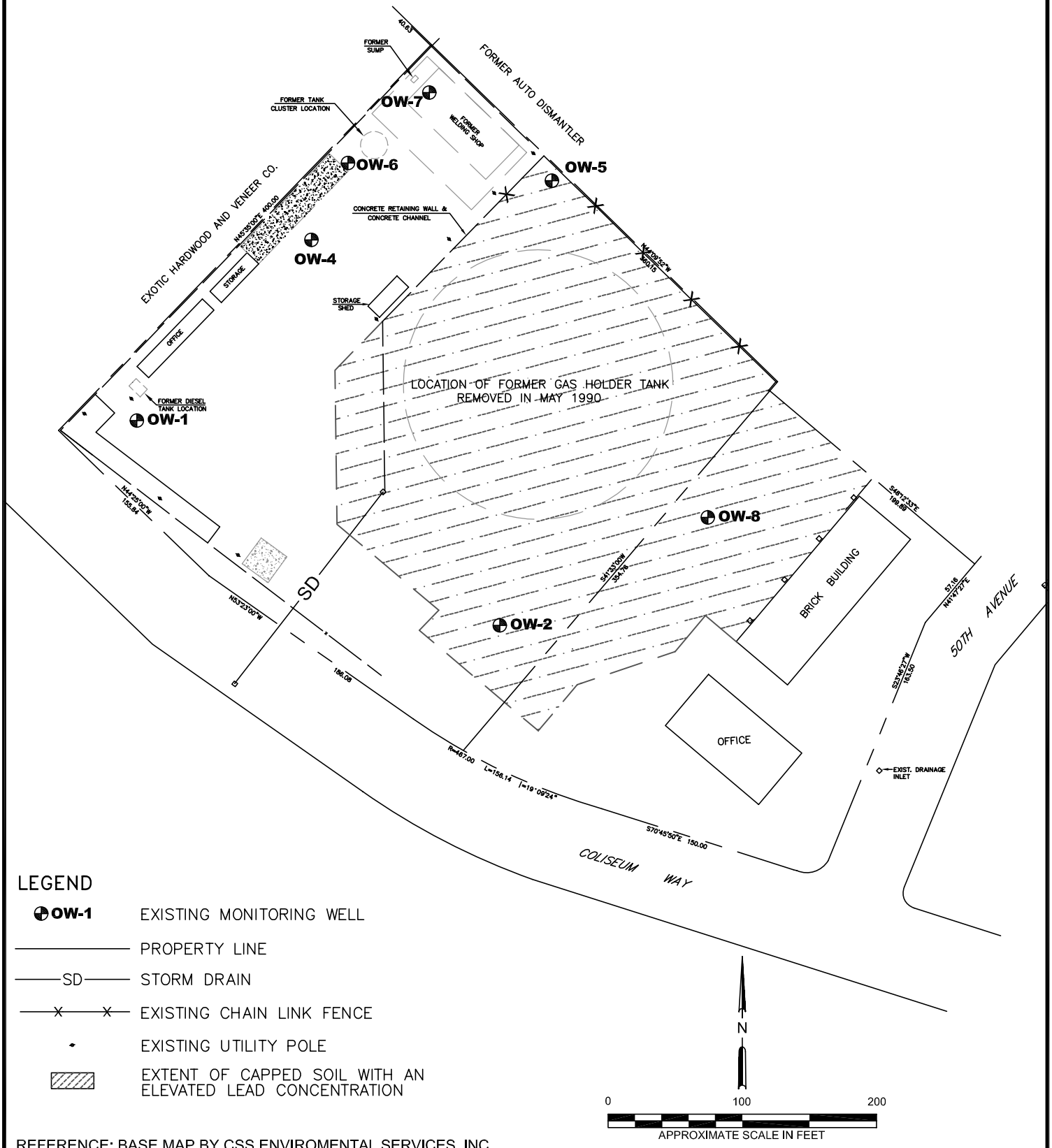
Oakland General Construction Yard

Oakland, California

FIGURE 1

Site Vicinity Maps

FILENAME: P:\07037 PG&E_Entrix\07037.0007 PG&E UST Reporting & Sacramento SVE\CADD\400_CADD Current Drawings\07037.0007 OKLND Figure 1.dwg



LEGEND

- OW-1 — EXISTING MONITORING WELL
- PROPERTY LINE
- SD — STORM DRAIN
- EXISTING CHAIN LINK FENCE
- EXISTING UTILITY POLE
- EXTENT OF CAPPED SOIL WITH AN ELEVATED LEAD CONCENTRATION

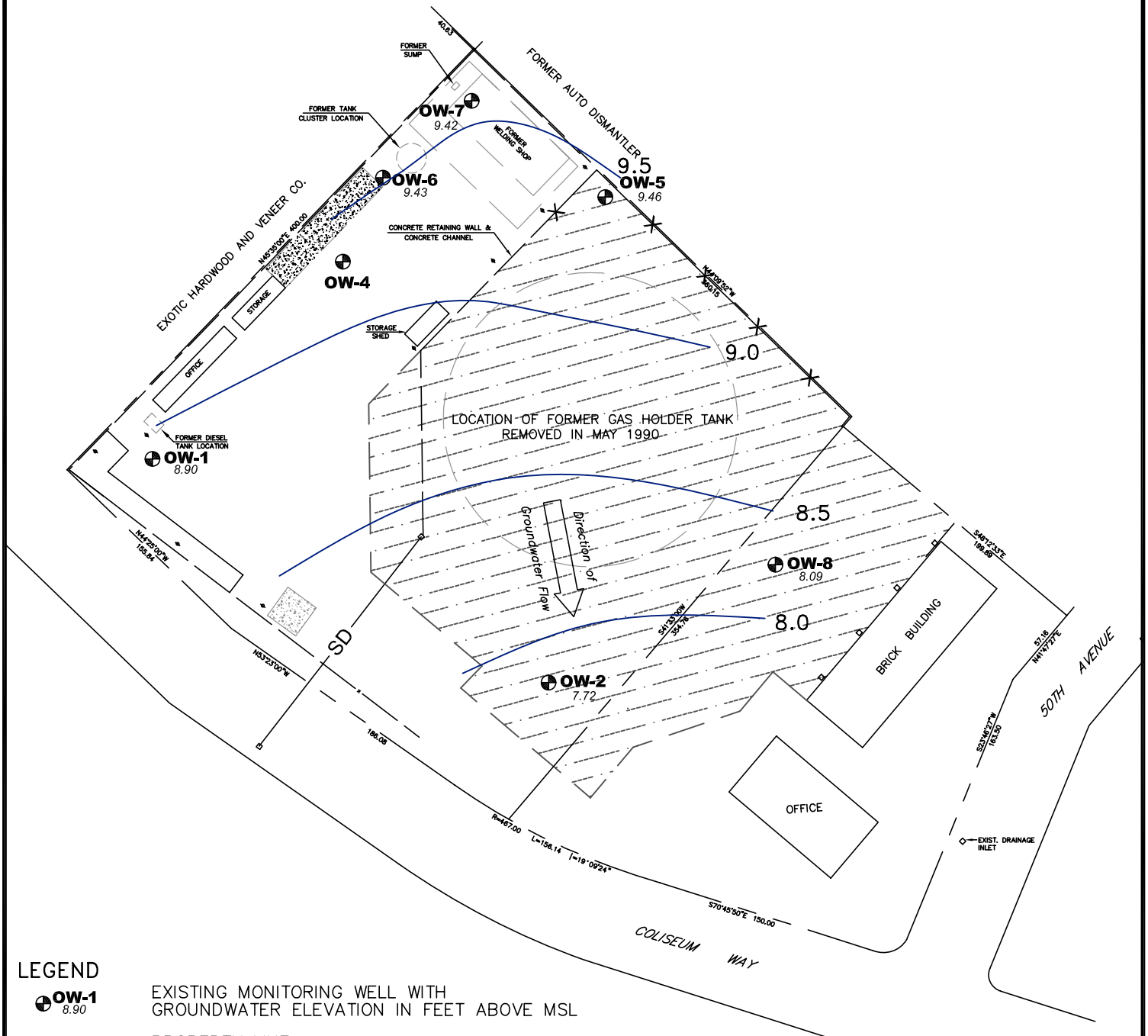
REFERENCE: BASE MAP BY CSS ENVIROMENTAL SERVICES, INC.
FIGURE 4.1 BY ES DATED 08/2005
JOB #6118; 01/1999

Innovative Technical Solutions, Inc.

Pacific Gas and Electric
Oakland General Construction Yard
Oakland, California

FIGURE 2
Site Plan

FILENAME: P:\07037 PG&E_Entrix\07037.0007 PG&E UST Reporting & Sacramento SVE\CADD\400_CADD Current Drawings\07037.0007 OKLND Figure 2-3.dwg



LEGEND

- OW-1 8.90 — EXISTING MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET ABOVE MSL
- PROPERTY LINE
- SD — STORM DRAIN
- EXISTING CHAIN LINK FENCE
- EXISTING UTILITY POLE
- EXTENT OF CAPPED SOIL WITH AN ELEVATED LEAD CONCENTRATION
- 9.0 — GOUNDWATER ELEVATION CONTOUR WITH ELEVATION IN FEET ABOVE MEAN SEA LEVEL

N

0 100 200

APPROXIMATE SCALE IN FEET

REFERENCE: BASE MAP BY CSS ENVIROMENTAL SERVICES, INC.
FIGURE 4.1 BY ES DATED 08/2005
JOB #6118; 01/1999

Innovative Technical Solutions, Inc.

Pacific Gas and Electric
Oakland General Construction Yard
Oakland, California

FIGURE 3
Groundwater Elevation Contours
(December 20, 2006)

FILENAME: P:\07037 PG&E_Entrix\07037.0007 PG&E UST Reporting & Sacramento SVE\CADD\400_CADD Current Drawings\07037.0007 OKLND Figure 2-3-4.dwg

TABLES

TABLE 1
Summary of Groundwater Elevation Data
2006 Annual Groundwater Monitoring Report

Pacific Gas and Electric Company
Oakland General Construction Yard
4930 Coliseum Way, Oakland, CA

Well Number	Sample Date	TOC Elevation (feet MSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet above MSL)
OW-1	12/20/2006	11.82	2.97	8.85
OW-2	12/20/2006	11.24	3.48	7.76
OW-4	12/20/2006	12.82	NM	--
OW-5	12/20/2006	13.24	3.83*	9.41
OW-6	12/20/2006	13.61	4.10	9.51
OW-7	12/20/2006	15.00	5.49	9.51
OW-8	12/20/2006	11.19	2.85	8.34

Notes:

TOC = top of casing
MSL = Mean Sea Level
bgs = below ground surface
NM = Not measured. Well was not found/un-accessible due to storage container.
TOC elevation data were referenced from Figure 4.2-Historical Groundwater Elevations, (Semi-Annual Groundwater Monitoring Report, September 2, 2005, CSS Environmental Services, Inc.).

Table 2 Summary of Groundwater Analytical Results for TPH, Dissolved Lead, and PAHs
Pacific Gas and Electric Oakland General Construction Yard
Oakland, California

		Total Petroleum Hydrocarbons Method 8015M			Dissolved Lead Method 6010B	Polynuclear Aromatic Hydrocarbons-Method 8270C - SIM									
Sample Name	Sample Date	TPHg µg/l	TPHd µg/l	TPHmo µg/l	µg/l	2-Methyl Naph-thalene µg/L	Acenap-thene µg/L	Acenap-thylene µg/L	Anthra-cene µg/L	Fluoran-thene µg/L	Fluorene µg/L	Naph-thalene µg/L	Phenan-threne µg/L	Pyrene µg/L	Other PAHs µg/L
OW-1	12/20/05	53 [1]	390 [2]	470J	--	--	--	--	--	--	--	--	--	--	--
OW-1	12/20/06	<50	200	--	--	--	--	--	--	--	--	--	--	--	--
OW-2	12/20/05	<20	200 [2]	610	<3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ND
OW-2	12/20/06	--	--	--	<20	--	--	--	--	--	--	--	--	--	--
OW-5	12/20/05	33 [3]	300 [2]	610	<3	**0.96**	**0.31**	**0.26**	**0.24**	**0.70**	**0.67**	**13**	**0.13J**	**1.4**	ND
OW-5	12/20/06	90	300	--	<20	--	--	--	--	--	--	--	--	--	--
OW-6	12/20/05	<20	440 [2]	760	--	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ND
OW-6	12/20/06	<50	<100	--	--	--	--	--	--	--	--	--	--	--	--
OW-7	12/20/05	330 [1]	510 [2,4]	860	--	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ND
OW-7	12/20/06	<50	400	--	--	--	--	--	--	--	--	--	--	--	--
OW-8	12/20/05	<20	250 [2]	690	<3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ND
OW-8	12/20/06	--	--	--	<20	--	--	--	--	--	--	--	--	--	--
FIELD BLANK	12/20/05	<20	<50	<500	<3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ND
FIELD BLANK	12/20/06	--	--	--	<20	--	--	--	--	--	--	--	--	--	--

Notes:

TPH = Total petroleum hydrocarbons
TPHg = Total petroleum hydrocarbons quantified as gasoline
TPHd = Total petroleum hydrocarbons quantified as diesel
TPHmo = Total petroleum hydrocarbons quantified as motor oil
PAH = Polynuclear aromatic hydrocarbons
µg/l = Micrograms per liter.
< = Not detected at or above the practical quantitation limit.
-- = Not analyzed
ND = Not detected
J = Estimated result. Result is less than the practical quantitation limit.
(1) = The laboratory notes that the chromatogram is mainly a dominant peak(s) which is not indicative of petroleum hydrocarbons.
(2) = The laboratory notes that the chromatogram is mainly higher boiling hydrocarbons such as asphaltene, waste oil, motor oil, weathered diesel, and hydraulic fluid.
(3) = The laboratory notes that the chromatogram includes higher boiling hydrocarbons such as diesel
(4) = The laboratory notes that the chromatogram contains a recognizable contaminant peak(s) that has been removed from quantitation.

Table 3 Summary of Groundwater Analytical Results for VOCs
Pacific Gas and Electric Oakland General Construction Yard
Oakland, California

		Volatile Organic Compounds-Method 8260B																			
Sample Name	Sample Date	Benzene µg/l	Toluene µg/l	Ethyl-benzene µg/l	Xylenes µg/l	MTBE µg/l	CB µg/l	1,2-DCB µg/l	1,3-DCB µg/l	1,4-DCB µg/l	1,1-DCA µg/l	1,1-DCE µg/l	4-Isopropyl-benzene µg/l	Naph-thalene µg/l	1,1,1-TCA µg/l	TCE µg/l	1,2,3-TCB µg/l	1,2,4-TCB µg/l	1,2,4-TMB µg/l	1,3,5-TMB µg/l	VC µg/l	Other VOCs µg/l
OW-1	12/20/05	<0.5	<0.5	<0.5	<0.5	0.96	**8.8**	**4.6**	**37**	**110**	**7.6**	**8.3**	<0.5	--	**0.66**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
OW-1	12/20/06	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW-2	12/20/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
OW-2	12/20/06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW-5	12/20/05	4.4	<0.5	<0.5	0.56	<0.5	0.63	<0.5	1.0	3.9	2.2	0.49J	<0.5	--	<0.5	0.33J	<0.5	<0.5	<0.5	<0.5	0.6	ND
OW-5	12/20/06	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.0	4.3	2.2	0.6	0.8	50	<0.5	<0.5	<0.5	<0.5	3.2	1.9	<0.5	ND
OW-6	12/20/05	<0.5	<0.5	<0.5	<0.5	0.53	5.8	1.4	8.6	25	7.0	3.1	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
OW-6	12/20/06	<0.5	<0.5	<0.5	<0.5	<0.5	3.4	1.2	11	44	8.1	4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
OW-7	12/20/05	<0.5	<0.5	<0.5	<0.5	0.26J	84	26	190	490	7.0	6.3	<0.5	--	<0.5	0.53	<0.5	<0.5	<0.5	<0.5	0.39J	ND
OW-7	12/20/06	<0.5	<0.5	<0.5	<0.5	<0.5	51	21	120	330	3.6	3.1	<0.5	6.8	<0.5	<0.5	0.8	25	<0.5	<0.5	<0.5	ND
OW-8	12/20/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.55	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
OW-8	12/20/06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
FIELD BLANK	12/20/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
FIELD BLANK	12/20/06	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND

Notes:

µg/l = Micrograms per liter.
< = Not detected at or above the practical quantitation limit.
-- = Not analyzed
ND = Not detected
J = Estimated result. result is less than the laboratory practical quantitation limit.
MTBE = Methyl tertiary-butyl ether
CB = Chlorobenzene
1,2-DCB = 1,2-Dichlorobenzene
1,3-DCB = 1,3-Dichlorobenzene
1,4-DCB = 1,4-Dichlorobenzene
1,1-DCA = 1,1-Dichloroethane
1,1-DCE = 1,1-Dichloroethene
1,1,1-TCA = 1,1,1-Trichloroethane
1,2,3-TCB = 1,2,3-Trichlorobenzene
1,2,4-TCB = 1,2,4-Trichlorobenzene
TCE = Trichloroethene
1,2,4-TMB = 1,2,4-Trimethylbenzene
1,3,5-TMB = 1,3,5-Trimethylbenzene
VC = Vinyl Chloride

APPENDIX A

Historical Groundwater Analytical Results

Historical Groundwater Analytical Data

Well ID	MCL	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1
Date	ug/L	Apr-88	Oct-89	Jan-90	Apr-90	Jul-90	Oct-90	Jan-91	Apr-91	Jul-91	Dec-91	Mar-92	Jul-92	Oct-92	Jan-93	Apr-93	Jul-93	Oct-93	Jan-94	Jul-94	Jun-95	Nov-95	Jun-96	Oct-96	Apr,Jun-97	Dec-97	Jun-98	Dec-98	Jun-99	Nov-99
PURGEABLE HALOCARBONS																													
Chloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	150	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	5	ND	5	4	4	2	2	1	2.8	4.8	ND	ND	ND	1	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	100#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Freon 113	1200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	ND	ND	ND	ND	ND	ND	ND	0.63	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	100#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	100#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethylvinyl Ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	100#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene		NA	NA	1	4	4	1	3	1.6	2.9	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600#	NA	NA	ND	ND	ND	ND	ND	0.56	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	5	4	11	5	13	11	6	3	6.7	14	3.2	ND	4	3	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PURGEABLE AROMATICS																														
Benzene	1	ND	ND	3.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	ND	ND	0.66	ND	0.5	0.55	ND
Toluene	1000#	ND	ND	2.3	0.4	ND	ND	ND	ND	ND	ND	ND	0.7	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	ND	ND	ND	0.67	ND	0.78	ND	ND
Ethylbenzene	680	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	0.8	NA	ND	NA	2.5	ND	NA	ND	ND	ND	ND	1.1	ND	0.67	ND	0.59
Total Xylenes	1750**		ND	2.6	2.4	ND	ND	ND	ND	ND	ND	3.2	9	1.7	1.9	NA	ND	NA	2.5	ND	NA	ND	ND	ND	ND	4.08	0.67	1.03	0.55	0.59
TOTAL VOCs		4	16	18.1	23.8	17	9	7	13.41	21.5	3.2	3.2	15.7	5.7	8.5	NA	NA	NA	2.5	NA	NA	NA	NA	NA	NA					
HYDROCARBONS																														
TVH-g		NA	NA	< 50	82	< 50	< 50	< 500	NA	NA	NA	100	320	< 50	70	NA	NA	NA	80	60	400	230	500	830	590	420	860	650	1100	990
TEPH-d		< 1000	< 1000	190	300	200	200	90	< 200	< 50	1600	3100	3900	1000	2000	NA	2300	NA	1000	1500	740	1000	2300	1400	1500	700	1900	1600	1300	940
O&G		< 5000	16000	NA	NA	NA	NA	NA	NA	< 5000	< 5000	< 5000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH (418.1)		NA	NA	< 5000	< 5000	< 5000	< 5000	< 5000	< 500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS																														
Lead	0	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
1) MCL = Maximum Contaminant Level in drinking water (State MCL if not noted otherwise)
2) # = EPA MCL
3) * = MCL for sum of four compounds
4) ** = MCL for sum of all xylene isomers
5) *** = MCL for sum of trans- and cis-1,3-Dichloropropene
6) ND = Not Detected at or above MDL
7) Purgeable Halocarbons (EPA method 8010)
8) Purgeable Aromatics (EPA method 8020)
9) NA = Not Analyzed or analysis not required
10) 6/17/02 Samples analyzed for VOCs out of holding time due to laboratory error

Historical Groundwater Analytical Data

Well ID	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1
Date	Jun-00	Nov-00	Jun-01	Nov-01	Jun-02	Oct-02	Apr-03	Nov-03	Jun-04
PURGEABLE HALOCARBONS									
Chloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA
Freon 113	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethylvinyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
PURGEABLE AROMATICS									
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ND	ND	3.4	ND	ND	ND	ND	ND	ND
TOTAL VOCs	NA	NA	3.4	NA	NA	NA	NA	NA	NA
HYDROCARBONS									
TVH-g	880	920	480	830	840	770	350	310	290
TEPH-d	350	250	740	270	870	500	460	470	420
O&G	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH (418.1)	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS									
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
1) MCL = Maximum Contaminant Level in drinking water (State MCL if not noted otherwise)
2) # = EPA MCL
3) * = MCL for sum of four compounds
4) ** = MCL for sum of all xylene isomers
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6) ND = Not Detected at or above MDL
7) Purgeable Halocarbons (EPA method 8010)
8) Purgeable Aromatics (EPA method 8020)
9) NA = Not Analyzed or analysis not required
10) 6/17/02 Samples analyzed for VOCs out of holding time due to laboratory error

Historical Groundwater Analytical Data

Well ID	MCL	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2
Date	ug/L	Apr-88	Oct-89	Jan-90	Apr-90	Jul-90	Oct-90	Jan-91	Apr-91	Jul-91	Dec-91	Mar-92	Jul-92	Oct-92	Jan-93	Apr-93	Jul-93	Oct-93	Jan-94	Apr-94	Jul-94	Jun-95	Nov-95	Jun-96	Oct-96	Apr,Jun-97	Dec-97	Jun-98	Dec-98	Jun-99	Nov-99
PURGEABLE HALOCARBONS																															
Chloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	150	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	6	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	100#*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Freon 113	1200	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	100#*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	100#*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethylvinyl Ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	100#*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	0.53	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene		NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600#	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	5	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PURGEABLE AROMATICS																															
Benzene	1	ND	ND	0.4	ND	ND	ND	ND	ND	ND	ND	1.4	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000#	ND	ND	0.4	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	680	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1750**		ND	0.4	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL VOCs		NA	NA	1.2	1.4	NA	NA	NA	0.53	NA	NA	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYDROCARBONS																															
TVH-g		NA	NA	< 50	< 50	< 50	< 50	< 50	NA	NA	NA	< 50	< 50	< 50	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TEPH-d		< 1000	< 1000	130	140	65	90	< 50	< 200	< 50	650	870	410	410	020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
O&G		16000	16000	NA	NA	NA	NA	NA	NA	< 5000	< 5000	< 5000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH (418.1)		NA	NA	< 5000	< 5000	< 5000	< 5000	< 5000	< 500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS																															
Lead	0	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	8	ND	4.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
1) MCL = Maximum Contaminant Level in drinking water (State MCL if not noted otherwise)
2) # = EPA MCL
3) * = MCL for sum of four compounds
4) ** = MCL for sum of all xylene isomers
5) *** = MCL for sum of trans- and cis-1,3-Dichloropropene
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7) Purgeable Halocarbons (EPA method 8010)
8) Purgeable Aromatics (EPA method 8020)
9) NA = Not Analyzed or analysis not required
10) 6/17/02 Samples analyzed for VOCs out of holding time due to laboratory error

Historical Groundwater Analytical Data

Well ID	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2
Date	Jun-00	Nov-00	Jun-01	Nov-01	Jun-02	Oct-02	Apr-03	Nov-03	Jun-04
PURGEABLE HALOCARBONS									
Chloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA
Freon 113	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethylvinyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
PURGEABLE AROMATICS									
Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL VOCs	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYDROCARBONS									
TVH-g	NA	NA	NA	NA	NA	NA	NA	NA	NA
TEPH-d	NA	NA	NA	NA	NA	NA	NA	NA	NA
O&G	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH (418.1)	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS									
Lead	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
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10) 6/17/02 Samples analyzed for VOCs out of holding time due to laboratory error

Historical Groundwater Analytical Data

Well ID	MCL	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4
Date	ug/L	Jun-88	Oct-89	Jan-90	Apr-90	Jul-90	Oct-90	Jan-91	Apr-91	Jul-91	Dec-91	Mar-92	Jul-92	Oct-92	Jan-93	Apr-93	Jul-93	Oct-93	Jan-94	Jul-94	Jun-95	Nov-95	Jun-96	Oct-96	Apr,Jun-97	Dec-97	Jul-98	Dec-98	Jun-99	Nov-99	Jun-00	Nov-00	Jun-01	Nov-01
PURGEABLE HALOCARBONS																																	
Chloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	150	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	3	6.1	9.4	ND	7	4	4	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	6	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	100#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Freon 113	1200	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	ND	ND	ND	ND	ND	ND	ND	0.48	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethene	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	100#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	100#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethylvinyl Ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	100#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PURGEABLE AROMATICS																																	
Benzene	1	ND	ND	ND	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA
Toluene	1000#	ND	ND	ND	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA
Ethylbenzene	680	ND	ND	ND	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA
Total Xylenes	1750**	ND	ND	0.6	2	ND	ND	ND	ND	ND	ND	0.7	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA
TOTAL VOCs		NA	NA	0.6	3.4	NA	NA	3	6.58	9.4	NA	7.7	4	4	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYDROCARBONS																																	
TVH-g		NA	NA	<50	<50	<50	<50	<50	NA	NA	NA	< 50	< 50	< 50	< 50	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA
TEPH-d		< 1000	< 1000	150	210	150	150	<50	580	< 50	2000	2100	620	1300	2100	NA	1500	NA	NA	NA	1600	630	1100	840	950	NA	1000	NA	NA	NA	NA	NA	NA
O&G		< 5000	< 5000	NA	NA	NA	NA	NA	NA	< 5000	< 5000	< 5000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH (418.1)		NA	NA	< 5000	< 5000	< 5000	< 5000	< 5000	< 500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS																																	
Lead	0	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	5	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
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Historical Groundwater Analytical Data

Well ID	MCL	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5
Date	ug/L	Apr-91	Jul-91	Dec-91	Mar-92	Jul-92	Oct-92	Jan-93	Jul-93	Oct-93	Jan-94	Apr-94	Jul-94	Jun-95	Nov95	Jun-95	Oct-96	Apr,Jun-97	Dec-97	Jun-98	Dec-98	Jun-99	Nov-99	Jun-00	Nov-00	Jun-01	Nov-01	Jun-02	Oct-02	Apr-03	Apr-03	Jun-04
PURGEABLE HALOCARBONS																																
Chloromethane		ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane		ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.5	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.55	ND
Chloroethane		ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5#	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	150	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	1.8	7.2	ND	4	8	13	5	6	NA	2	NA	4	3.2	7.9	2.5	0.9	5.3	2.9	1	2.5	3	2.5	2.2	2.8	1.4	2.7	1.1	2.4	2.4	2.4	2.8
cis-1,2-Dichloroethene	6	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	10	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100#	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	1200	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.5	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	6	20	16	12	25	28	7	7	NA	2	NA	3	1.3	2.1	ND	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	0.5	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100#*	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	0.75	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	0.7	0.9	0.9	ND	0.55	0.7	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	32	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100#*	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl Ether		ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100#*	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	0.7	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.55
1,2-Dichlorobenzene	600#	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0	ND	ND	ND	ND	ND	ND	1.4
PURGEABLE AROMATICS																																
Benzene	1	14	20	11	15	11	13	26	14	NA	21	NA	11		11	15	18	3.8	15	ND	7.3	8.2	11	8.3	10	7.7	13	8.3	6.0	8.0	7.0	5.8
Toluene	1000#	0.54	ND	ND	1.1	ND	ND	ND	ND	NA	ND	NA	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	0.58	ND	ND	0.6	ND	ND	0.7	ND	NA	0.7	NA	0.8		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.56	ND	ND	ND	ND	ND
Total Xylenes	1750**	5.6	4	6.0	5.1	6	3.8	13	2.4	NA	9.2	NA	1.3		ND	ND	ND	ND	2.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs		29.97	57.2	35.9	37.8	50	57.6	51.7	29.4	NA	34.9	NA	19.9	4.5	88	17.5	26.2	9.1	20.64	1	11.6	12	14.4	8.5	14.35	9.8	16.26	7.4	8.4	9.2	9.95	9.75
HYDROCARBONS																																
TVH-g		NA	NA	NA	120	270	160	350	140	NA	370	NA	110	ND	ND	ND	ND	ND	83	ND	ND	ND	59	ND	ND	79	100	ND	57	58	60	60
TEPH-d		600	1500	1200	840	650	1000	1000	1800	NA	510	NA	1300	510	1600	830	870	740	830	630	780	830	800	ND	ND	540	130	250	470	410	250	650
O&G		NA	< 5000	< 5000	< 5000	NA	NA	NA	NA	NA	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH (418.1)		< 500	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS																																
Lead	0	ND	NA	NA	ND	ND	ND	ND	ND	ND	7.3	7.4	5	ND	ND	ND	ND	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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10) 6/17/02 Samples analyzed for VOCs out of holding time due to laboratory error

Historical Groundwater Analytical Data

Well ID	MCL	OW-3	OW-3	OW-3	OW-3	OW-3	OW-3	OW-3	OW-3	OW-3	OW-3	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6
Date	ug/L	Apr-88	Jun-88	Oct-89	Jan-90	Apr-90	Jul-90	Oct-90	Jan-91	Apr-91	Jul-91	Dec-91	Mar-92	Jul-92	Oct-92	Jan-93	Jul-93	Oct-93	Jan-94	Jul-94	Jun-95	Nov-95	Jun-96	Oct-96	Apr,Jun-97	Dec-97	Jun-98	Dec-98	Jun-99	Nov-99
PURGEABLE HALOCARBONS																													
Chloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5#	ND	ND	ND	ND	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	49	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	150	ND	ND	ND	ND	ND	ND	ND	ND	0.82	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	4	5	28	29	14	17	17	15	15	41	ND	1	2	2	10	23	NA	7	17	31	8.8	10	5.4	7	7.7	3.3	4.5	2.1	3.1
cis-1,2-Dichloroethene	6	NA	NA	ND	ND	33	ND	1	1	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	10	ND	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100#	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	1200	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.5	ND	ND	ND	ND	ND	ND	ND	ND	0.55	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	3.8	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND	ND	ND	ND	ND	ND	10	15	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND
2-Chloroethylvinyl Ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND
Bromoform	100#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	1.4	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	ND	1	ND	ND	ND	ND	ND	1	2.3	2	5.7	ND	ND	ND	ND	ND	NA	NO	2	4.5	ND	5.2	1	4.5	28	9.1	5.3	ND	1.9
1,3-Dichlorobenzene		NA	NA	NA	3	ND	2	2	1	3.3	ND	15	ND	ND	ND	ND	ND	NA	NO	ND	ND	11	7.4	20	10	25	45	30	27	5.4	9.2
1,2-Dichlorobenzene	600#	NA	NA	NA	2	ND	1	1	1	2.3	ND	5.8	ND	ND	ND	ND	ND	NA	ND	ND	23	ND	2.4	ND	2.1	6.3	3	2.8	ND	0.7
1,4-Dichlorobenzene	5	NA	NA	NA	2	ND	ND	2	1	3.1	ND	23	ND	ND	ND	ND	ND	NA	ND	ND	2.9	18	48	28	65	140	84	65	19	33
PURGEABLE AROMATICS																														
Benzene	1	ND	ND	ND	0.5	ND	ND	ND	ND	0.54	ND	ND	ND	ND	ND	ND	0.6	NA	ND	ND	ND	ND	ND	ND	ND	0.5	ND	ND	ND	ND
Toluene	1000#	ND	ND	ND	0.4	0.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1	NA	ND	ND	ND	ND	ND	ND	ND	35	ND	ND	ND	ND
Ethylbenzene	680	ND	ND	ND	ND	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	1750**			ND	0.7	2.1	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs		6	8	28	37.8	56.4	20	23	20	32.61	43	51.5	1	2	2	20	42.7	NA	7	19	76.3	81.2	83.6	42.4	103.6	261.5	129.4	110.7	27.8	44.9
HYDROCARBONS																														
TVH-g		NA	NA	NA	< 50	52	< 50	< 50	< 50	NA	NA	NA	< 50	< 50	< 50	< 50	< 50	NA	70	<50	ND	ND	61	ND	83	160	110	130	84	57
TEPH-d		< 1000	< 1000	< 1000	440	470	450	130	1310	700	< 50	5500	4800	3500	3900	5300	3500	NA	2200	2500	1300	2400	2000	2400	1300	1200	1300	2000	1300	1000
O&G		< 5000	< 5000	5000	NA	NA	NA	NA	NA	NA	< 5000	< 5000	< 5000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH (418.1)		NA	NA	NA	< 5000	< 5000	< 5000	< 5000	< 5000	< 500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS																														
Lead	0	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
1) MCL = Maximum Contaminant Level in drinking water (State MCL if not noted otherwise)
2) # = EPA MCL
3) * = MCL for sum of four compounds
4) ** = MCL for sum of all xylene isomers
5) *** = MCL for sum of trans- and cis-1,3-Dichloropropene
6) ND = Not Detected at or above MDL
7) Purgeable Halocarbons (EPA method 8010)
8) Purgeable Aromatics (EPA method 8020)
9) NA = Not Analyzed or analysis not required
10) 8/17/02 Samples analyzed for VOCs out of holding time due to laboratory error

Historical Groundwater Analytical Data

Well ID	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6
Date	Jun-00	Nov-00	Jun-01	Nov-01	Jun-02	Oct-02	Apr-03	Nov-03	Jun-04
PURGEABLE HALOCARBONS									
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	1.5
1,1-Dichloroethane	1.4	2.3	1.4	1.8	1.3	1.5	1.2	2.8	4.9
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	0.76	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	0.7	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-ChloroethyMnyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	2.5	6.5
1,3-Dichlorobenzene	3	2.7	ND	ND	1.1	2.0	ND	1.9	2.5
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND *	ND	ND	0.54
1,4-Dichlorobenzene	11	10	ND	ND	5.0	7.2	3.0	7.2	8.0
PURGEABLE AROMATICS									
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs	15.4	15.0	2.1	2.6	7.4	10.7	4.2	14.4	23.5
HYDROCARBONS									
TVH-g	ND	ND	ND	ND	ND	ND	ND	ND	75
TEPH-d	68	ND	320	65	220	350	290	380	440
O&G	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH (418.1)	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS									
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
1) MCL = Maximum Contaminant Level in drinking water (State MCL if not noted otherwise)
2) # = EPA MCL
3) * = MCL for sum of four compounds
4) ** = MCL for sum of all xylene isomers
5) *** = MCL for sum of trans- and cis-1,3-Dichloropropene
6) ND = Not Detected at or above MCL
7) Purgeable Halocarbons (EPA method 8010)
8) Purgeable Aromatics (EPA method 8020)
9) NA = Not Analyzed or analysis not required

Historical Groundwater Analytical Data

Well ID	MCL	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7
Date	ug/L	Dec-91	Mar-92	Jul-92	Oct-92	Jan-93	Apr-93	Jul-93	Oct-93	Jan-94	Jul-94	Jun-95	Nov-95	Jun-96	Oct-96	Apr,Jun-97	Dec-97	Jun-98	Dec-98	Jun-99	Nov-99	Jun-00	Nov-00	Jun-01	Nov-01	Jun-02	Oct-02	Apr-03	Nov-03	Jun-04
PURGEABLE HALOCARBONS																													
Chloromethane		ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane		ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.5	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane		ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5#	14	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	570	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	150	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.6
1,1-Dichloroethene	6	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.9
1,1-Dichloroethane	5	ND	18	ND	ND	25	NA	14	NA	8	ND	5.5	25	6.5	6.6	4.3	9.8	4.1	5.7	ND	8.3	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	6	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	10	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100#	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	1200	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.5	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	10	480	28	80	530	NA	73	NA	76	28	33	41	18	6.6	7.9	31	5.9	5.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	0.5	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100#	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	5	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	32	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100#	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl Ether		ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100#	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	10	ND	ND	8	ND	NA	29	NA	21	24	12	34	25	31	25	46	27	31	34	36	18	39	27	25	46	74	110	98	110
1,3-Dichlorobenzene		460	130	420	330	170	NA	540	NA	450	570	270	400	380	440	250	360	340	360	420	330	220	330	320	260	420	630	630	210	240
1,2-Dichlorobenzene	600#	120	22	95	77	33	NA	470	NA	78	100	290	61	62	74	47	57	50	48	67	44	44	49	42	55	69	120	75	26	33
1,4-Dichlorobenzene	5	440	120	400	290	160	NA	110	NA	410	540	51	480	500	560	410	530	450	470	580	450	310	470	510	360	500	950	1000	500	740
PURGEABLE AROMATICS																													
Benzene	1	ND	0.8	1	1.4	0.8	NA	1.5	NA	1.6	1.2		1.1	ND	ND	0.56	1.6	0.66	0.65	0.84	0.62	ND	0.81	ND	ND	ND	ND	ND	ND	ND
Toluene	1000#	ND	0.6	0.5	ND	ND	NA	ND	NA	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	ND	ND	0.5	ND	ND	NA	ND	NA	ND	ND		ND	ND	ND	ND	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	1750**	ND	2.1	5	ND	ND	NA	ND	NA	4.2	ND		ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs		1054	751.5	951	788.4	918.8	NA	1237.5	NA	1046.8	1253.2	861.5	1612.1	991.5	1118.2	784.76	1109.5	877.66	920.55	1101.8	866.02	592	886.83	809	781	1035	1774	1815	804	1139.7
HYDROCARBONS																													
TVH-g		NA	700	1300	1400	720	NA	1500	NA	1400	1800	650	980	1200	1500	1100	1100	1000	1100	1200	1100	590	1100	1250	530	1000	1300	1200	440	1100
TEPH-d		7100	4400	2800	3800	2300	NA	4900	NA	4500	4800	1600	4400	4600	4800	2900	2100	2600	3560	3500	2400	430	370	1100	590	1000	1700	1000	780	1000
O&G		< 5000	< 5000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH (418.1)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS																													
Lead	0	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
1) MCL = Maximum Contaminant Level in drinking water (State MCL if not noted otherwise)
2) # = EPA MCL
3) * = MCL for sum of four compounds
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5) *** = MCL for sum of trans- and cis-1,3-Dichloropropene
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7) Purgeable Halocarbons (EPA method 8010)
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9) NA = Not Analyzed or analysis not required
10) 6/17/02 Samples analyzed for VOCs out of holding time due to laboratory error

Historical Groundwater Analytical Data

Well ID	OW-8	OW-8	OW-8	OW-8	OW-8	OW-8	OW-8	OW-8	OW-8	OW-8	OW-8	OW-8	OW-8	OW-8	OW-8	OW-8	OW-8	OW-8	OW-8	OW-8	OW-8	OW-8	OW-8	OW-8	OW-8
Date	Apr-93	Jul-93	Oct-93	Jan-94	Apr-94	Jul-94	Jun-95	Nov-95	Jun-96	Oct-96	apr,Jun-9	Dec-97	Jun-97	Dec-98	Jun-99	Nov-99	Jun-00	Nov-00	Jun-01	Jun-02	Jun-02	Oct-02	Apr-03	Nov-03	Jun-04
PURGEABLE HALOCARBONS																									
Chloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Freon 113	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethylvinyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PURGEABLE AROMATICS																									
Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL VOCs	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYDROCARBONS																									
TVH-g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TEPH-d	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
O&G	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH (418.1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS																									
Lead	27	17	ND	25	12	24	3.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
1) MCL = Maximum Contaminant Level in drinking water (State MCL if not noted otherwise)
2) # = EPA MCL
3) * = MCL for sum of four compounds
4) ** = MCL for sum of all xylene isomers
5) *** = MCL for sum of trans- and cis-1,3-Dichloropropene
6) ND = Not Detected at or above MDL
7) Purgeable Halocarbons (EPA method 8010)
8) Purgeable Aromatics (EPA method 8020)
9) NA = Not Analyzed or analysis not required
10) 6/17/02 Samples analyzed for VOCs out of holding time due to laboratory error

Historical Groundwater Analytical Data

Well ID	MCL	OW-9B	OW-9	OW-9
Date	ug/L	Jun-86	Jun-89	Nov-99
PURGEABLE HALOCARBONS				
Chloromethane		ND	ND	ND
Bromomethane		ND	ND	ND
Vinyl chloride	0.5	ND	ND	ND
Chloroethane		ND	ND	ND
Methylene Chloride	5#	ND	ND	ND
Trichlorofluoromethane	150	ND	ND	ND
1,1-Dichloroethene	6	ND	ND	ND
1,1-Dichloroethane	5	ND	2.6	2.8
cis-1,2-Dichloroethene	6	ND	ND	ND
trans-1,2-Dichloroethene	10	ND	ND	ND
Chloroform	100#*	ND	ND	ND
Freon 113	1200	ND	ND	ND
1,2-Dichloroethane	0.5	ND	ND	ND
1,1,1-Trichloroethane	200	ND	ND	ND
Carbon Tetrachloride	0.5	ND	ND	ND
Bromodichloromethane	100#*	ND	ND	ND
1,2-Dichloropropane	5	ND	ND	ND
cis-1,3-Dichloropropene	5***	ND	ND	ND
Trichloroethene	5	ND	ND	ND
1,1,2-Trichloroethane	32	ND	ND	ND
trans-1,3-Dichloropropene	5***	ND	ND	ND
Dibromochloromethane	100#*	ND	ND	ND
2-Chloroethylvinyl Ether		NA	ND	ND
Bromoform	100#*	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND
1,1,2,2-Tetrachloroethane	1	ND	ND	ND
Chlorobenzene	30	ND	31	31
1,3-Dichlorobenzene		ND	390	390
1,2-Dichlorobenzene	600#	ND	53	53
1,4-Dichlorobenzene	5	ND	560	560
PURGEABLE AROMATICS				
Benzene	1	ND	NA	NA
Toluene	1000#	0.73	NA	NA
Ethylbenzene	680	ND	NA	NA
Total Xylenes	1750**	ND	NA	NA
TOTAL VOCs		0.73	1038.6	1038.6
HYDROCARBONS				
TVH-g		ND	NA	NA
TEPH-d		NA	NA	NA
O&G		NA	NA	NA
TPH (418.1)		NA	NA	NA
METALS				
Lead	0	NA	NA	NA

Notes:
1) MCL = Maximum Contaminant Level in drinking water (State MCL if not noted otherwise)
2) # = EPA MCL
3) * = MCL for sum of four compounds
4) ** = MCL for sum of all xylene isomers
5) *** = MCL for sum of trans- and cis-1,3-Dichloropropene
6) ND = Not Detected at or above MDL
7) Purgeable Halocarbons (EPA method 8010)
8) Purgeable Aromatics (EPA method 8020)
9) NA = Not Analyzed or analysis not required
10) 6/17/02 Samples analyzed for VOCs out of holding time due to laboratory error

APPENDIX B

Low-Flow Purging and Sampling Protocol

Plan for December 2006 Annual Groundwater Monitoring – PG&E Oakland General Construction Yard
4930 Coliseum Way
Oakland, California

- Hold a tailgate health and safety meeting at start of each day. Blaine Tech Services (BTS) personnel (sampler) should follow and sign the provided health and safety plan (HSP). Please review general site safety issues, on-site traffic flow and operations, compounds of concern, and location of closest hospital. Please have a copy of the HSP with you during sampling activities.

- Open all wells and allow sufficient time to equilibrate (minimum of 15 minutes per well). Inspect wells for free product using an interface probe. Gauge all wells for static water level in following order prior to commencement of sampling activities.
    1. OW-1
    2. OW-4
    3. OW-5
    4. OW-6
    5. OW-2
    6. OW-8
    7. OW-7

- For wells OW-1, OW-2, and OW-4, measure and record the total depth after sampling. Install disposable tubing inlet at the following depths, which correspond to the middle of each well screen. For wells OW-5 through OW-8, measure and record the total depth using a clean, interface probe and install the disposable tubing inlet at approximately 5 feet above the total depth

Well ID	Diameter (inches)	Total Depth (feet bgs)	Screen Interval (ft bgs)	**Depth of dedicated tubing (ft bgs)**
OW-1	UNK	UNK	3-18	**10.5**
OW-2	UNK	UNK	3-18	**10.5**
OW-4	UNK	UNK	8.5-21	**21**
OW-5	UNK	UNK	UNK	UNK
OW-6	UNK	UNK	UNK	UNK
OW-7	UNK	UNK	UNK	UNK
OW-8	UNK	UNK	UNK	UNK

- Please document that the water quality meter has been calibrated prior to the start of sampling activities in the field notes. Use the low flow sampling procedures developed by the U.S. Environmental Protection Agency (EPA)[1] as a guidance. Record water

[1] Puls, Robert W., and Barcelona, Michael J., Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures, EPA. April 1996.

quality parameters every 3 to 5 minutes. Parameter stability is based on three consecutive readings with:

- Maintain a draw down of less than 0.3 feet
- Flow rate of 200 to 500 milliliters (mL) per minute (Do not exceed 500 mL per minute)
- pH± 0.1 standard pH units (SU)
- Conductivity ± 3%
- Temperature ± 0.1 degree
- ORP ± 10%
- DO ± 10%
- Turbidity ± 10% or less than 10 nephelometric turbidity units (NTU)

- Purge and sample in following order: Use a sample ID containing the well name and date of sampling.

1. OW-1
2. OW-4
3. OW-5
4. OW-6
5. OW-2
6. OW-8
7. OW-7

- Collect the following quality assurance/quality control (QA/QC) samples:
  - Field Blank (decant laboratory-provided deionized water into laboratory-supplied containers in the vicinity of the well head); note in field notes the location that the field blank was collected.

- Analyses:

Well ID	TPH diesel by 8015M	TPH gasoline by 8015M	VOCs by 8260B	BTEX by 8260B	Dissolved Lead by 6010
OW-1	X	X		X	
OW-2				X	X
OW-4	X	X			
OW-5	X	X	X		X
OW-6	X	X	X		
OW-7	X	X	X		
OW-8					X
Field Blank			X		X

- Field Decontamination
  - The water level sounder should be decontaminated before each well using Alconox (phosphate-free detergent) using a three-bucket wash.
  - Rinsate should be stored in the drums together with the purge water.
  - Disposable equipment (nitrile gloves, tubing, etc.) should be placed in a predetermined, on-site receptacle.

- Field Notes and Documentation
    - BTS Chain of Custody
    - BTS Well Gauging Data
    - BTS Low Flow Well Monitoring Data Sheet
    - BTS Purge Drum Inventory
    - BTS Wellhead Inspection Checklist

- Stage drum at PG&E Service Center
  - Affix Waste Material Label (uncharacterized waste label) to drum with date, volume
  - Please record drum information on drum tally/field notes for project records
  - Coordinate with Oakland facility manager regarding the drum. Leave the drum on site in a location identified by the facility manager. Drum needs to be in over-pack to protect against leakage.

- Submit samples to:
  Creek Environmental Laboratory
  141 Suburban Road, Suite C5
  San Luis Obispo, CA 93401
  Phone: 805-545-9838

- Submit Field Notes/Forms
  - PDF all field forms and email to Jonathan Skaggs (Geomatrix) at jskaggs@geomatrix.com, and Eric Ehlers (ITSI) at EEhlers@ITSI.com.

APPENDIX C

Groundwater Purging and Sampling Logs

WELLHEAD INSPECTION CHECKLIST

Page __ of __

Date 12-20-06 Client Geomatrix

Site Address 4930 Coliseum Way Oakland

Job Number 061220-DW-1 Technician DW

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
OW-1		Slip cap.	Tabs for hex security bolts			packed	w/ dirt	
OW-2		Slip cap.	"	"	"	"	"	
OW-4								X
OW-5		No lock. SPH on inside of casing. Came off of probe from gauging DTB						
OW-6		No lock. 2 of 3 bolts present						
OW-7		No lock. Cap broken. unable to lock. 2 of 3 bolts present						
OW-8		No well lid. It's broken into pieces. No lock						

NOTES: OW-4 - Covered over w/ large storage containers

WELL GAUGING DATA

Project # 061220-DW-1 Date 12-20-06 Client Geomatrix

Site 4930 Coliseum Way oakland

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
ow-1	0821	2					2.97	*18.07	TOC	
ow-2	0850	2					3.48	*20.27		
ow-4	.	-	Unable to gauge Covered by storage containers				-	-		
ow-5	0830	2					**3.83	19.05		
ow-6	0839	2					4.10	17.20		
ow-7	0903	2					5.49	18.16		
ow-8	0900	2					2.85	17.90		
			Removed all caps 15 mins. prior to gauging							
			*measured depth after sampling							
			**when gauging DTB, probe came up w/ free product.							
			Unable to get accurate depth or thickness.							

LOW FLOW WELL MONITORING DATA SHEET

Project #: 061220-OW-1	Client: Geomatrix
Sampler: DW	Start Date: 12-20-06
Well I.D.: OW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 18.07	Depth to Water Pre: 2.97 Post: 3.25
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump X Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing X New Tubing Other ____

Flow Rate: 200 ml/m Pump Depth: ~~18~~ 10.5'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTL Observations
0923	18.65	6.63	771	0.4	0.66	97.5	600	3.33
0926	18.81	6.62	761	0.3	0.49	72.8	1200	3.35
0929	19.10	6.63	752	0.3	0.35	60.3	1800	3.34
0932	19.07	6.63	750	0.2	0.45	56.8	2400	3.34
0935	19.19	6.63	742	0.2	0.33	51.6	3000	3.34
0938	19.27	6.63	729	0.2	0.28	47.2	3600	3.34

Did well dewater? Yes (No) Amount actually evacuated: 3600 ml

Sampling Time: 0940 Sampling Date: 12-20-06

Sample I.D.: OW-1-122006 Laboratory: Creek

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

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 061220-DW-1	Client: Geomatrix
Sampler: DW	Start Date: 12-20-06
Well I.D.: OW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 18	Depth to Water Pre: 3.48 Post: 4.45
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump X Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing X New Tubing Other ____

Flow Rate: 200 ml/m Pump Depth: 10'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (ml))	ATW Observations
1151	19.28	6.78	3325	0.10	1.36	50.5	600	4.15
1154	19.38	6.77	3345	0.1	1.30	70.1	1200	4.25
1157	19.53	6.77	3343	0.1	1.21	77.4	1800	4.35
1200	19.65	6.77	3350	0.1	1.15	85.5	2400	4.52
1203	19.67	6.76	3345	0.1	1.09	96.3	3000	4.62
1206	19.80	6.76	3340	0.1	1.06	104.4	3600	4.70
1209	19.89	6.76	3330	0.1	0.98	112.3	4200	4.80

Did well dewater? Yes (No) Amount actually evacuated: 4200

Sampling Time: 1210 Sampling Date: 12-20-06

Sample I.D.: OW-2-122006 Laboratory: Creek

Analyzed for: TPH-G (BTEX) MTBE TPH-D Other: Dissolved Lead by 6020

Field Equipment Blank I.D.: Field Blank @ 122006 @ 1150 Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 061220-DW-1	Client: Geomatrix
Sampler: DW	Start Date: 12-20-06
Well I.D.: OW-4	Well Diameter: 2 3 4 6 8 ____
Total Well Depth: —	Depth to Water Pre: — Post:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: _____

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other _____
Flow Rate: _____ Pump Depth: _____

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Observations
	Covered by large storage sheds. No samples							

Did well dewater? Yes No	Amount actually evacuated:
Sampling Time:	Sampling Date:
Sample I.D.:	Laboratory:
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 061220-DW-1	Client: Geomatrix
Sampler: DW	Start Date: 12-20-06
Well I.D.: OW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 19.05	Depth to Water Pre: 3.83 Post:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump ✗ Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing ✗ New Tubing Other ____

Flow Rate: 200 ml/m Pump Depth: 11'

Time	Temp. (°C or °F)	pH	Cond (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	Observations
1017	15.48	6.55	722	21	0.87	42.2	600	4.08
1020	15.44	6.53	717	24	0.83	33.2	1200	4.00
1023	15.87	6.55	716	28	0.82	34.1	1800	4.00
1026	15.94	6.55	722	25	0.67	32.6	2400	4.00
1029	16.02	6.51	723	22	0.59	23.1	3000	4.00
1032	15.96	6.51	721	20	0.55	18.2	3600	4.08
1035	15.95	6.51	719	19	0.50	14.0	4200	4.00

Did well dewater? Yes (No) Amount actually evacuated: 4200 ml

Sampling Time: 1040 Sampling Date: 12-20-06

Sample I.D.: OW-5-122006 (MS/MSD) Laboratory: Creek

Analyzed for: (TPH-G) BTEX MTBE (TPH-D) Other: VOC's, Dissolved Lead by 6020 (BG)

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 061220-DW-1	Client: Geomatrix
Sampler: DW	Start Date: 12-20-06
Well I.D.: DW-6	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 17.20	Depth to Water Pre: 4.10 Post: 4.10
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump X Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing X New Tubing Other ____

Flow Rate: 200 ml/m Pump Depth: 10'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	DTW Observations
1109	17.96	7.25	1079	44	0.54	34.1	600	4.10
1112	17.85	7.25	1085	33	0.59	24.9	1200	4.10
1115	17.90	7.24	1087	29	0.39	15.1	1800	4.11
1118	18.02	7.23	1094	24	0.32	-2.6	2400	4.11
1121	17.65	7.23	1111	22	0.31	-25.9	3000	4.11
1124	17.50	7.23	1112	21	0.32	-34.6	3600	4.10
1127	17.39	7.23	1114	20	0.33	-41.2	4200	4.10

Did well dewater? Yes (No)	Amount actually evacuated: 4200 ml
Sampling Time: 1130	Sampling Date: 12-20-06
Sample I.D.: DW-6-122006	Laboratory: Creek
Analyzed for: (TPH-G) BTEX MTBE (TPH-D)	Other: VOC's
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 061220-OW-1	Client: Geomatrix
Sampler: DW	Start Date: 12-20-06
Well I.D.: OW-7	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 18.16	Depth to Water Pre: 5.49 Post:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump (X) Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing (X) New Tubing Other ___

Flow Rate: 200 ml/m Pump Depth: 10'

Time	Temp. (°C or °F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (ml))	DTW Observations
1300	17.65	6.76	799	46	0.71	72.7	600	5.52
1303	17.39	6.76	794	44	0.86	65.5	1200	5.52
1306	17.51	6.75	792	35	0.76	60.3	1800	5.52
1309	17.24	6.74	789	32	0.56	53.8	2400	5.52
1312	17.21	6.73	787	29	0.50	49.3	3000	5.52
1315	17.25	6.73	785	28	0.45	46.4	3600	5.52

Did well dewater? Yes (No)	Amount actually evacuated:
Sampling Time: 1320	Sampling Date: 12-20-06
Sample I.D.: OW-7-122006	Laboratory: Creek
Analyzed for: (TPH-G) BTEX MTBE (TPH-D)	Other: VOC's
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 061220-DW-1	Client: Geomatrix
Sampler: DW	Start Date: 12-20-06
Well I.D.: OW-8	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 17.90	Depth to Water Pre: 2.85 Post: 3.75
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump (X) Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing (X) New Tubing Other ____

Flow Rate: 200 ml/m Pump Depth: 10'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW Observations
1225	19.32	6.53	1042	0.1	0.57	84.7	600	4.05
1228	19.05	6.54	1031	0.1	0.65	87.1	1200	4.03
1231	19.19	6.54	1025	0.1	0.52	90.3	1800	4.03
1234	19.38	6.54	1024	0.1	0.41	93.0	2400	4.05
1237	19.69	6.55	1024	0.1	0.33	94.9	3000	4.05

Did well dewater? Yes (No) Amount actually evacuated: 3000 ml

Sampling Time: 1240 Sampling Date: 12-20-06

Sample I.D.: OW-8-122006 Laboratory: Creek

Analyzed for: TPH-G BTEX MTBE TPH-D Other: Dissolved Lead by 6020

Equipment Blank I.D.: @ Time Duplicate I.D.:

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME PG&E 4930 Coliseum Way				PROJECT NUMBER 06/220-DW-1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI 556 Flow cell	05C1520	12-20-06 0555	Conductivity 3900µS	3950 µS	3900 µS	14.98	DSW
↓	↓	↓	pH 4.0 7.0 10.0	4.00 6.96 10.03	4.00 7.00	15.16 15.08 14:99	DW
↓	↓	↓	ORP 244mV DO 100%	245.9 mV 99.3%	244 mV within 10%	15.03	DW
Hach 2100P Turbidimeter	28926	↓	Turbidity <0.1 20	<0.1 19.8	within 10%		DW

Creek Environmental Laboratories, Inc. Chain-of-Custody

141 Suburban Road, Suite C-5, San Luis Obispo, CA 93401 phone (805) 545-9838 fax (805) 545-0107 www.creeklabs.com sales@creeklabs.com Order # _____

- Please Print in Pen

Client Name	Contact	Phone	Due Date:
Geomatrix	Jonathan Skaggs	510-663-4104	24Hr 48Hr Other **Normal TAT**
Address City State Zip		Fax	Cell **510-409-0779**
2101 Webster Street, Oakland, CA 94612		**510-663-4141**	Beeper
Project Name/Number		PO#	Copies To:
PG&E Oakland			ITSI
Bill to: (if different from above)	Address	City	State Zip
same			
Sampler Name (Print)	Comments: Lead needs 2.5 ug/l reporting limit.		**Matrix Key:** DW = Drinking Water
Dave Walter			AQ = Aqueous SL = Soil/Solid

Sample Description	Date/Time Sampled	Analysis	Matrix	# of Bottles	Preservative / Type Bottles	Creek Lab Sample #
OW-1 - 122006	12-20-06 0940	TPH.D 8015, TPH.G 8015, BTEX 8260B	AQ	x4	1l Amber, 3 VV HCl	
OW-2 - 122006	12-20-06 1210	Dissolved Lead 6010B BTEX 8260B	AQ	x4	250 ml P unpres BTEX 3 VV HCl	
~~OW-4~~		~~TPH.D 8015, TPH.G 8015, BTEX 8260B~~	AQ	7	1l Amber, 6 VV HCl 9	
OW-5 (& MS, MSD) - 122006	12-20-06 1640	TPH.D 8015, TPH.G 8015, VOC 8260B, Dissolved Lead 6010B	AQ	~~14~~ 13	3 1l Amber, ~~10~~ VV HCl 250 ml P unp	
OW-6 - 122006	12-20-06 1130	TPH.D 8015, TPH.G 8015, VOC 8260B	AQ	7	1l Amber, 6 VV HCl	
OW-7 - 122006	12-20-06 1320	TPH.D 8015, TPH.G 8015, VOC 8260B	AQ	7	1l Amber, 6 VV HCl	
OW-8 - 122006	12-20-06 1240	Dissolved Lead ~~6010B~~ 6010 B	AQ	1	250 ml P unpres	
Field Blank - 122006	12-20-06 1150	VOC 8260B, Dissolved Lead 6010B	AQ	x4	3 VV HCl, 250 ml P unpres	

RELINQUISHED BY (Sign)	(Print)	(Organization)	DATE/TIME	RECEIVED BY (Sign)	(Print)	(Organization)
David C. Walt	Dave Walter	BTS	12-20-06 1615			
						Creek Environmental Laboratories, Inc.

FOR LAB USE ONLY: Shipping Method: Client/ Lab/ Courier: Sample Conditions: **Temp:**_____ Intact: Y/ N Custody Sealed: Y/ N

REMARKS _____

APPENDIX D

Laboratory Analytical Reports and Chain-of-Custody Documentation

Creek Environmental Laboratories, Inc.

Chain-of-Custody

141 Suburban Road, Suite C-5, San Luis Obispo, CA 93401 phone (805) 545-9838 fax (805) 545-0107 www.creeklabs.com sales@creeklabs.com

Order # 17719

- Please Print in Pen

Client Name	Contact	Phone	Due Date:
Geomatrix	Jonathan Skaggs	510-663-4104	24Hr 48Hr Other **Normal TAT**
Address 2101 Webster Street, Oakland, CA 94612	**City**	**State** **Zip**	Fax 510-663-4141 / Cell **510-409-0779** / Beeper
Project Name/Number PG&E Oakland		PO#	Copies To: ITSI
Bill to: (if different from above) same	Address	City	State Zip
Sampler Name (Print) Dave Walter	Comments: Lead needs 2.5 ug/l reporting limit.		**Matrix Key:** DW = Drinking Water AQ = Aqueous SL = Soil/Solid

Sample Description	Date/Time Sampled	Analysis	Matrix	# of Bottles	Preservative / Type Bottles	Creek Lab Sample #
OW-1 - 122006	12-20-06 0940	TPH.D 8015, TPH.G 8015, BTEX 8260B	AQ	~~4~~ 4	1l Amber, 3 VV HCl	16714
OW-2 - 122006	12-20-06 1210	Dissolved Lead 6010B ~~BTEX 8260B~~ Per Ken X	AQ	~~4~~ 4	250 ml P unpres ~~BTEX~~ 3 VV HCl	16715
~~OW-4~~		~~TPH.D 8015, TPH.G 8015, BTEX 8260B~~	AQ	7	1l Amber, 6 VV HCl	
OW-5 (& MS, MSD) - 122006	12-20-06 1640	TPH.D 8015, TPH.G 8015, VOC 8260B, Dissolved Lead 6010B	AQ	~~11~~ 13	3 1l Amber, ~~10~~ VV HCl 250 ml P unp	16716
OW-6 - 122006	12-20-06 1130	TPH.D 8015, TPH.G 8015, VOC 8260B	AQ	7	1l Amber, 6 VV HCl	16717
OW-7 - 122006	12-20-06 1320	TPH.D 8015, TPH.G 8015, VOC 8260B	AQ	7	1l Amber, 6 VV HCl	16718
OW-8 - 122006	12-20-06 1240	Dissolved Lead ~~6020B~~ 6010 B	AQ	1	250 ml P unpres	16719
Field Blank - 122006	12-20-06 1150	VOC 8260B, Dissolved Lead 6010B	AQ	~~4~~ 4	3 VV HCl, 250 ml P unpres	16720

RELINQUISHED BY (Sign)	(Print)	(Organization)	DATE/TIME	RECEIVED BY (Sign)	(Print)	(Organization)
David C. Walt	Dave Walter	BTS	12-20-06/1615			
			12/21/06 11:55	Paula Oden	DOsborne	Creek Environmental Laboratories, Inc.

FOR LAB USE ONLY: Shipping Method: Client / Lab / Courier: Sample Conditions: Temp: 3 Intact Y/N Custody Sealed: Y/N

REMARKS Remove BTEX 12/21/06 Per J. Skaggs 12:30 KO

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 06-C16714
Order: N7719
Project: PG&E Oakland
Received: 12/21/06
Printed: 01/04/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-1-122006	Dave Walter	12/20/06@09:40	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Diesel	0.2	0.1	1	mg/L	EPA 8015/LUFT	12/28/06	12/22/06	897
TPH as Gasoline	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	12/29/06		989
Benzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 06-C16715
Order: N7719
Project: PG&E Oakland
Received: 12/21/06
Printed: 01/04/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-2-12206	Dave Walter	12/20/06@12:10	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Lead, Dissolved	Not Detected	0.02	1	mg/L	EPA 6010	12/22/06		815

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 06-C16716
Order: N7719
Project: PG&E Oakland
Received: 12/21/06
Printed: 01/04/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-5(& ms,msd)-12206	Dave Walter	12/20/06@10:40	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Lead, Dissolved	Not Detected	0.02	1	mg/L	EPA 6010	12/22/06		815
TPH as Diesel	0.3	0.1	1	mg/L	EPA 8015/LUFT	12/28/06	12/22/06	897
TPH as Gasoline	0.09	0.05	1	mg/L	EPA 8015/LUFT	12/29/06		989
Benzene	0.7	0.5	1	ug/L	EPA 8260	12/29/06		923
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Methyl t-Butyl Ether (MTBE)	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Chlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,2-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,3-Dichlorobenzene	1.0	0.5	1	ug/L	EPA 8260	12/29/06		923
1,4-Dichlorobenzene	4.3	0.5	1	ug/L	EPA 8260	12/29/06		923
1,2-Dichloroethane (EDC)	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Chloroethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
2-Chloroethylvinyl ether	Not Detected	20	1	ug/L	EPA 8260	12/29/06		923
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
2-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 06-C16716
Order: N7719
Project: PG&E Oakland
Received: 12/21/06
Printed: 01/04/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-5(& ms,msd)-12206	Dave Walter	12/20/06@10:40	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	12/29/06		923
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,1-Dichloroethane	2.2	0.5	1	ug/L	EPA 8260	12/29/06		923
1,1-Dichloroethene	0.6	0.5	1	ug/L	EPA 8260	12/29/06		923
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Isopropylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
4-Isopropyltoluene	0.8	0.5	1	ug/L	EPA 8260	12/29/06		923
Methylene Chloride	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Naphthalene	50	5	1	ug/L	EPA 8260	12/29/06		923
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,2,3-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,2,4-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,1,1-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 06-C16716
Order: N7719
Project: PG&E Oakland
Received: 12/21/06
Printed: 01/04/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-5(& ms,msd)-12206	Dave Walter	12/20/06@10:40	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,2,4-Trimethylbenzene	3.2	0.5	1	ug/L	EPA 8260	12/29/06		923
1,3,5-Trimethylbenzene	1.9	0.5	1	ug/L	EPA 8260	12/29/06		923
Vinyl Chloride	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

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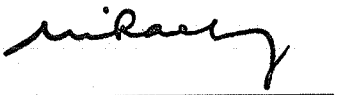

Lab Director, Michael Ng

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 06-C16717
Order: N7719
Project: PG&E Oakland
Received: 12/21/06
Printed: 01/04/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-6-122006	Dave Walter	12/20/06@11:30	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Diesel	Not Detected	0.1	1	mg/L	EPA 8015/LUFT	12/28/06	12/22/06	897
TPH as Gasoline	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	12/29/06		989
Benzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Methyl t-Butyl Ether (MTBE)	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Chlorobenzene	3.4	0.5	1	ug/L	EPA 8260	12/29/06		923
1,2-Dichlorobenzene	1.2	0.5	1	ug/L	EPA 8260	12/29/06		923
1,3-Dichlorobenzene	11	0.5	1	ug/L	EPA 8260	12/29/06		923
1,4-Dichlorobenzene	44	0.5	1	ug/L	EPA 8260	12/29/06		923
1,2-Dichloroethane (EDC)	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Chloroethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
2-Chloroethylvinyl ether	Not Detected	20	1	ug/L	EPA 8260	12/29/06		923
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
2-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 06-C16717
Order: N7719
Project: PG&E Oakland
Received: 12/21/06
Printed: 01/04/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-6-122006	Dave Walter	12/20/06@11:30	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	12/29/06		923
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,1-Dichloroethane	8.1	0.5	1	ug/L	EPA 8260	12/29/06		923
1,1-Dichloroethene	4.0	0.5	1	ug/L	EPA 8260	12/29/06		923
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Isopropylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
4-Isopropyltoluene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Methylene Chloride	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Naphthalene	Not Detected	5	1	ug/L	EPA 8260	12/29/06		923
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,2,3-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,2,4-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,1,1-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923

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Jonathan Skaggs
Geomatrix
2101 Webster St.
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Log Number: 06-C16717
Order: N7719
Project: PG&E Oakland
Received: 12/21/06
Printed: 01/04/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-6-122006	Dave Walter	12/20/06@11:30	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,2,4-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,3,5-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Vinyl Chloride	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 06-C16718
Order: N7719
Project: PG&E Oakland
Received: 12/21/06
Printed: 01/04/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-7-122006	Dave Walter	12/20/06@13:20	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Diesel	0.4	0.1	1	mg/L	EPA 8015/LUFT	12/28/06	12/22/06	897
TPH as Gasoline	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	12/29/06		989
Benzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Methyl t-Butyl Ether (MTBE)	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Chlorobenzene	51	10	20	ug/L	EPA 8260	01/02/07		990
1,2-Dichlorobenzene	21	10	20	ug/L	EPA 8260	01/02/07		990
1,3-Dichlorobenzene	120	10	20	ug/L	EPA 8260	01/02/07		990
1,4-Dichlorobenzene	330	10	20	ug/L	EPA 8260	01/02/07		990
1,2-Dichloroethane (EDC)	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Chloroethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
2-Chloroethylvinyl ether	Not Detected	20	1	ug/L	EPA 8260	12/29/06		923
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
2-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923

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2101 Webster St.
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Log Number: 06-C16718
Order: N7719
Project: PG&E Oakland
Received: 12/21/06
Printed: 01/04/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-7-122006	Dave Walter	12/20/06@13:20	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	12/29/06		923
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,1-Dichloroethane	3.6	0.5	1	ug/L	EPA 8260	12/29/06		923
1,1-Dichloroethene	3.1	0.5	1	ug/L	EPA 8260	12/29/06		923
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Isopropylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
4-Isopropyltoluene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Methylene Chloride	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Naphthalene	6.8	5	1	ug/L	EPA 8260	12/29/06		923
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,2,3-Trichlorobenzene	0.8	0.5	1	ug/L	EPA 8260	12/29/06		923
1,2,4-Trichlorobenzene	25	0.5	1	ug/L	EPA 8260	12/29/06		923
1,1,1-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923

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Jonathan Skaggs
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Log Number: 06-C16718
Order: N7719
Project: PG&E Oakland
Received: 12/21/06
Printed: 01/04/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-7-122006	Dave Walter	12/20/06@13:20	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,2,4-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
1,3,5-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923
Vinyl Chloride	Not Detected	0.5	1	ug/L	EPA 8260	12/29/06		923

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
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Jonathan Skaggs
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Log Number: 06-C16719
Order: N7719
Project: PG&E Oakland
Received: 12/21/06
Printed: 01/04/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-8-122006	Dave Walter	12/20/06@12:40	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Lead, Dissolved	Not Detected	0.02	1	mg/L	EPA 6010	12/22/06		815

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 06-C16720
Order: N7719
Project: PG&E Oakland
Received: 12/21/06
Printed: 01/04/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
Field Blank-122006	Dave Walter	12/20/06@11:50	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Lead, Dissolved	Not Detected	0.02	1	mg/L	EPA 6010	12/22/06		815
Benzene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
Methyl t-Butyl Ether (MTBE)	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
Chlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
1,2-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
1,3-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
1,4-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
1,2-Dichloroethane (EDC)	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
Chloroethane	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
2-Chloroethylvinyl ether	Not Detected	20	1	ug/L	EPA 8260	01/02/07		990
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
2-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	01/02/07		990

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Log Number: 06-C16720
Order: N7719
Project: PG&E Oakland
Received: 12/21/06
Printed: 01/04/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
Field Blank-122006	Dave Walter	12/20/06@11:50	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
1,1-Dichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
1,1-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
Isopropylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
4-Isopropyltoluene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
Methylene Chloride	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
Naphthalene	Not Detected	5	1	ug/L	EPA 8260	01/02/07		990
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
1,2,3-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
1,2,4-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
1,1,1-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 06-C16720
Order: N7719
Project: PG&E Oakland
Received: 12/21/06
Printed: 01/04/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
Field Blank-122006	Dave Walter	12/20/06@11:50	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
1,2,4-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
1,3,5-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990
Vinyl Chloride	Not Detected	0.5	1	ug/L	EPA 8260	01/02/07		990

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

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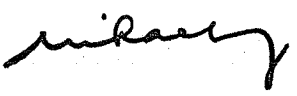

Lab Director, Michael Ng

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Quality Control Results

Order No.: N7719
Laboratory Reagent Blank

Analyte	Method	Results	Units	Batch
Lead, Dissolved	EPA 6010	< 0.02	mg/L	815
TPH as Diesel	EPA 8015/LUFT	< 0.1	mg/L	897
TPH as Gasoline	EPA 8015/LUFT	< 0.05	mg/L	989
Benzene	EPA 8260	< 0.5	ug/L	923
Benzene	EPA 8260	< 0.5	ug/L	990
Toluene	EPA 8260	< 0.5	ug/L	923
Toluene	EPA 8260	< 0.5	ug/L	990
Ethylbenzene	EPA 8260	< 0.5	ug/L	923
Ethylbenzene	EPA 8260	< 0.5	ug/L	990
m,p-Xylene	EPA 8260	< 0.5	ug/L	923
m,p-Xylene	EPA 8260	< 0.5	ug/L	990
o-Xylene	EPA 8260	< 0.5	ug/L	923
o-Xylene	EPA 8260	< 0.5	ug/L	990
Methyl t-Butyl Ether (MTBE)	EPA 8260	< 0.5	ug/L	923
Methyl t-Butyl Ether (MTBE)	EPA 8260	< 0.5	ug/L	990
Chlorobenzene	EPA 8260	< 0.5	ug/L	923
Chlorobenzene	EPA 8260	< 0.5	ug/L	990
1,2-Dichlorobenzene	EPA 8260	< 0.5	ug/L	923
1,2-Dichlorobenzene	EPA 8260	< 0.5	ug/L	990
1,3-Dichlorobenzene	EPA 8260	< 0.5	ug/L	923
1,3-Dichlorobenzene	EPA 8260	< 0.5	ug/L	990
1,4-Dichlorobenzene	EPA 8260	< 0.5	ug/L	923
1,4-Dichlorobenzene	EPA 8260	< 0.5	ug/L	990
1,2-Dichloroethane (EDC)	EPA 8260	< 0.5	ug/L	923
1,2-Dichloroethane (EDC)	EPA 8260	< 0.5	ug/L	990
1,2-Dibromoethane (EDB)	EPA 8260	< 0.5	ug/L	923
1,2-Dibromoethane (EDB)	EPA 8260	< 0.5	ug/L	990
Bromobenzene	EPA 8260	< 0.5	ug/L	923
Bromobenzene	EPA 8260	< 0.5	ug/L	990
Bromochloromethane	EPA 8260	< 0.5	ug/L	923
Bromochloromethane	EPA 8260	< 0.5	ug/L	990
Bromodichloromethane	EPA 8260	< 0.5	ug/L	923
Bromodichloromethane	EPA 8260	< 0.5	ug/L	990
Bromoform	EPA 8260	< 0.5	ug/L	923
Bromoform	EPA 8260	< 0.5	ug/L	990
Bromomethane	EPA 8260	< 0.5	ug/L	923
Bromomethane	EPA 8260	< 0.5	ug/L	990
n-Butylbenzene	EPA 8260	< 0.5	ug/L	923
n-Butylbenzene	EPA 8260	< 0.5	ug/L	990
sec-Butyl Benzene	EPA 8260	< 0.5	ug/L	923
sec-Butyl Benzene	EPA 8260	< 0.5	ug/L	990
t-Butylbenzene	EPA 8260	< 0.5	ug/L	923
t-Butylbenzene	EPA 8260	< 0.5	ug/L	990
Carbon Tetrachloride	EPA 8260	< 0.5	ug/L	923
Carbon Tetrachloride	EPA 8260	< 0.5	ug/L	990

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Quality Control Results

Order No.: N7719

Laboratory Reagent Blank (continued)

Analyte	Method	Result	Units	Batch
Chloroethane	EPA 8260	< 0.5	ug/L	923
Chloroethane	EPA 8260	< 0.5	ug/L	990
2-Chloroethylvinyl ether	EPA 8260	< 20	ug/L	923
2-Chloroethylvinyl ether	EPA 8260	< 20	ug/L	990
Chloroform	EPA 8260	< 0.5	ug/L	923
Chloroform	EPA 8260	< 0.5	ug/L	990
Chloromethane	EPA 8260	< 0.5	ug/L	923
Chloromethane	EPA 8260	< 0.5	ug/L	990
2-Chlorotoluene	EPA 8260	< 0.5	ug/L	923
2-Chlorotoluene	EPA 8260	< 0.5	ug/L	990
4-Chlorotoluene	EPA 8260	< 0.5	ug/L	923
4-Chlorotoluene	EPA 8260	< 0.5	ug/L	990
1,2-Dibromo-3-Chloropropane	EPA 8260	< 1	ug/L	923
1,2-Dibromo-3-Chloropropane	EPA 8260	< 1	ug/L	990
Dibromochloromethane	EPA 8260	< 0.5	ug/L	923
Dibromochloromethane	EPA 8260	< 0.5	ug/L	990
Dibromomethane	EPA 8260	< 0.5	ug/L	923
Dibromomethane	EPA 8260	< 0.5	ug/L	990
Dichlorodifluoromethane	EPA 8260	< 0.5	ug/L	923
Dichlorodifluoromethane	EPA 8260	< 0.5	ug/L	990
1,1-Dichloroethane	EPA 8260	< 0.5	ug/L	923
1,1-Dichloroethane	EPA 8260	< 0.5	ug/L	990
1,1-Dichloroethene	EPA 8260	< 0.5	ug/L	923
1,1-Dichloroethene	EPA 8260	< 0.5	ug/L	990
cis-1,2-Dichloroethene	EPA 8260	< 0.5	ug/L	923
cis-1,2-Dichloroethene	EPA 8260	< 0.5	ug/L	990
trans-1,2-Dichloethene	EPA 8260	< 0.5	ug/L	923
trans-1,2-Dichloethene	EPA 8260	< 0.5	ug/L	990
1,2-Dichloropropane	EPA 8260	< 0.5	ug/L	923
1,2-Dichloropropane	EPA 8260	< 0.5	ug/L	990
1,3-Dichloropropane	EPA 8260	< 0.5	ug/L	923
1,3-Dichloropropane	EPA 8260	< 0.5	ug/L	990
2,2-Dichloropropane	EPA 8260	< 0.5	ug/L	923
2,2-Dichloropropane	EPA 8260	< 0.5	ug/L	990
1,1-Dichloropropene	EPA 8260	< 0.5	ug/L	923
1,1-Dichloropropene	EPA 8260	< 0.5	ug/L	990
cis-1,3-Dichloropropene	EPA 8260	< 0.5	ug/L	923
cis-1,3-Dichloropropene	EPA 8260	< 0.5	ug/L	990
trans-1,3-Dichloropropene	EPA 8260	< 0.5	ug/L	923
trans-1,3-Dichloropropene	EPA 8260	< 0.5	ug/L	990
Hexachlorobutadiene	EPA 8260	< 0.5	ug/L	923
Hexachlorobutadiene	EPA 8260	< 0.5	ug/L	990
Isopropylbenzene	EPA 8260	< 0.5	ug/L	923
Isopropylbenzene	EPA 8260	< 0.5	ug/L	990

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Quality Control Results

Order No.: N7719

Laboratory Reagent Blank (continued)

Analyte	Method	Result	Units	Batch
4-Isopropyltoluene	EPA 8260	< 0.5	ug/L	923
4-Isopropyltoluene	EPA 8260	< 0.5	ug/L	990
Methylene Chloride	EPA 8260	< 0.5	ug/L	923
Methylene Chloride	EPA 8260	< 0.5	ug/L	990
Naphthalene	EPA 8260	< 5	ug/L	923
Naphthalene	EPA 8260	< 5	ug/L	990
n-Propylbenzene	EPA 8260	< 0.5	ug/L	923
n-Propylbenzene	EPA 8260	< 0.5	ug/L	990
Styrene	EPA 8260	< 0.5	ug/L	923
Styrene	EPA 8260	< 0.5	ug/L	990
1,1,1,2-Tetrachloroethane	EPA 8260	< 0.5	ug/L	923
1,1,1,2-Tetrachloroethane	EPA 8260	< 0.5	ug/L	990
1,1,2,2-Tetrachloroethane	EPA 8260	< 0.5	ug/L	923
1,1,2,2-Tetrachloroethane	EPA 8260	< 0.5	ug/L	990
Tetrachloroethene	EPA 8260	< 0.5	ug/L	923
Tetrachloroethene	EPA 8260	< 0.5	ug/L	990
1,2,3-Trichlorobenzene	EPA 8260	< 0.5	ug/L	923
1,2,3-Trichlorobenzene	EPA 8260	< 0.5	ug/L	990
1,2,4-Trichlorobenzene	EPA 8260	< 0.5	ug/L	923
1,2,4-Trichlorobenzene	EPA 8260	< 0.5	ug/L	990
1,1,1-Trichloroethane	EPA 8260	< 0.5	ug/L	923
1,1,1-Trichloroethane	EPA 8260	< 0.5	ug/L	990
1,1,2-Trichloroethane	EPA 8260	< 0.5	ug/L	923
1,1,2-Trichloroethane	EPA 8260	< 0.5	ug/L	990
Trichloroethene	EPA 8260	< 0.5	ug/L	923
Trichloroethene	EPA 8260	< 0.5	ug/L	990
Trichlorofluoromethane	EPA 8260	< 0.5	ug/L	923
Trichlorofluoromethane	EPA 8260	< 0.5	ug/L	990
1,2,3-Trichloropropane	EPA 8260	< 0.5	ug/L	923
1,2,3-Trichloropropane	EPA 8260	< 0.5	ug/L	990
1,2,4-Trimethylbenzene	EPA 8260	< 0.5	ug/L	923
1,2,4-Trimethylbenzene	EPA 8260	< 0.5	ug/L	990
1,3,5-Trimethylbenzene	EPA 8260	< 0.5	ug/L	923
1,3,5-Trimethylbenzene	EPA 8260	< 0.5	ug/L	990
Vinyl Chloride	EPA 8260	< 0.5	ug/L	923
Vinyl Chloride	EPA 8260	< 0.5	ug/L	990

Laboratory Known Analysis (LCS)

Analyte	Method	Recovery	Spike Amount	Units	Recovery Limits	Batch
Lead, Dissolved	EPA 6010	93%	1.0	mg/L	75 - 125	815
TPH as Diesel	EPA 8015/LUFT	85%	2.0	mg/L	60 - 140	897
TPH as Gasoline	EPA 8015/LUFT	98%	0.5	mg/L	60 - 140	989

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Quality Control Results

Order No.: N7719

Laboratory Known Analysis (LCS)

Analyte	Method	Recovery	Spike Amount	Units	Recovery Limits	Batch
TPH as Gasoline	EPA 8015/LUFT	98%	0.5	mg/L	60 - 140	989
Benzene	EPA 8260	99%	10	ug/L	80 - 120	923
Benzene	EPA 8260	102%	10	ug/L	80 - 120	923
Benzene	EPA 8260	96%	10	ug/L	80 - 120	990
Benzene	EPA 8260	96%	10	ug/L	80 - 120	990
Toluene	EPA 8260	95%	10	ug/L	80 - 120	923
Toluene	EPA 8260	97%	10	ug/L	80 - 120	923
Toluene	EPA 8260	91%	10	ug/L	80 - 120	990
Toluene	EPA 8260	94%	10	ug/L	80 - 120	990
Chlorobenzene	EPA 8260	95%	10	ug/L	80 - 120	923
Chlorobenzene	EPA 8260	96%	10	ug/L	80 - 120	923
Chlorobenzene	EPA 8260	98%	10	ug/L	80 - 120	990
Chlorobenzene	EPA 8260	100%	10	ug/L	80 - 120	990
1,1-Dichloroethene	EPA 8260	105%	10	ug/L	80 - 120	923
1,1-Dichloroethene	EPA 8260	109%	10	ug/L	80 - 120	923
1,1-Dichloroethene	EPA 8260	92%	10	ug/L	80 - 120	990
1,1-Dichloroethene	EPA 8260	98%	10	ug/L	80 - 120	990
Trichloroethene	EPA 8260	100%	10	ug/L	80 - 120	923
Trichloroethene	EPA 8260	100%	10	ug/L	80 - 120	923
Trichloroethene	EPA 8260	91%	10	ug/L	80 - 120	990
Trichloroethene	EPA 8260	92%	10	ug/L	80 - 120	990

Matrix Spike/Matrix Spike Duplicates

Analyte	Method	MS Rec.	MSD Rec.	RPD	Matrix Sample	Spike Amount	Units	Recovery Limits	RPD Limit	Batch
Lead, Dissolved	EPA 6010	90%	88%	2	06-C16715	1.0	mg/L	75 - 125	20	815
TPH as Diesel	EPA 8015/LUFT	70%	75%	6	06-C16716	2.0	mg/L	50 - 150	30	897
TPH as Gasoline	EPA 8015/LUFT	96%	98%	2	06-C16716	0.5	mg/L	60 - 140	30	989
Benzene	EPA 8260	93%	103%	10	06-C16716	10	ug/L	70 - 130	20	923
Benzene	EPA 8260	94%	96%	2	06-C16798	10	ug/L	70 - 130	20	990
Toluene	EPA 8260	91%	100%	9	06-C16716	10	ug/L	70 - 130	20	923
Toluene	EPA 8260	93%	92%	1	06-C16798	10	ug/L	70 - 130	20	990
Chlorobenzene	EPA 8260	102%	101%	1	06-C16716	10	ug/L	70 - 130	20	923
Chlorobenzene	EPA 8260	96%	98%	2	06-C16798	10	ug/L	70 - 130	20	990
1,1-Dichloroethene	EPA 8260	86%	109%	22	06-C16716	10	ug/L	70 - 130	20	923
1,1-Dichloroethene	EPA 8260	98%	97%	1	06-C16798	10	ug/L	70 - 130	20	990
Trichloroethene	EPA 8260	100%	100%	0	06-C16716	10	ug/L	70 - 130	20	923
Trichloroethene	EPA 8260	91%	92%	1	06-C16798	10	ug/L	70 - 130	20	990

Sample Duplicate

Analyte	Method	Sample ID	Sample Value	Sample Duplicate	RPD	Units	RPD Limit	Batch

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Quality Control Results

Order No.: N7719

Sample Duplicate

Analyte	Method	Sample ID	Sample Value	Sample Duplicate	RPD	Units	RPD Limit	Batch
TPH as Gasoline	EPA 8015/LUFT	06-C16717	< 0.05	< 0.05	0	mg/L	30.	989
Benzene	EPA 8260	06-C16911	< 0.5	< 0.5	0	ug/L	20.	990
Toluene	EPA 8260	06-C16911	< 0.5	< 0.5	0	ug/L	20.	990
Ethylbenzene	EPA 8260	06-C16911	< 0.5	< 0.5	0	ug/L	20.	990
m,p-Xylene	EPA 8260	06-C16911	< 0.5	< 0.5	0	ug/L	20.	990
o-Xylene	EPA 8260	06-C16911	< 0.5	< 0.5	0	ug/L	20.	990
Methyl t-Butyl Ether (MTBE)	EPA 8260	06-C16911	< 0.5	< 0.5	0	ug/L	30.	990