Pacific Gas and Electric Company®

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

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May 10, 2007

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

Subject: Pacific Gas and Electric Company Oakland General Construction Yard, 4930 Coliseum Way, Oakland, California, Alameda County Case #RO0000099

Dear Mr. Chan:

Attached is the *Semi-Annual Groundwater Monitoring Report, April 2007 Event, Pacific Gas and Electric Company, Oakland General Construction Yard, 4930 Coliseum Way, Oakland, California*, dated May 2007. PG&E has retained Geomatrix Consultants, Inc., to perform groundwater monitoring and other technical studies at the above-referenced PG&E property. The attached report was prepared by Innovative Technical Solutions, Inc. and reviewed by Geomatrix.

On March 14, 2007, the Alameda County Department of Environmental Health (the County) met with PG&E and representatives of the owners of the former AAA property at 745 50th Avenue (former AAA property) and the Learner property at 768 46th Avenue (Learner property). PG&E understands that the County is currently overseeing soil and groundwater investigation and cleanup at all three properties. In addition, the County is overseeing investigation and cleanup at the former Superior Plaster Castings property at 4800 Coliseum Way (former Superior Plaster property); however, PG&E understands that the responsible party for the environmental cleanup case at the Superior Plaster property has not responded to recent requests from the County and therefore did not attend the March 14, 2007, meeting.

During the meeting, the County and the attendees discussed dichlorobenzene (DCB) and chlorobenzene (CB) impacts to groundwater and petroleum hydrocarbon cleanups at the PG&E property, former AAA property, and former Superior Plaster property. Groundwater generally flows from the former AAA, Learner, and former Superior Plaster properties onto the PG&E property. PG&E was informed that the owners of the former AAA property are pursuing closure of the environmental cleanup case there, and that the County would consider closing the environmental cases at both the former AAA property and the PG&E property provided that 1) PG&E were to record a deed restriction for the PG&E property, and 2) recent data from PG&E's groundwater wells support historical trends at the PG&E property. The owners of the former AAA property have agreed to a deed restriction for their property. The County requested that PG&E expedite its semi-annual monitoring event and that groundwater in all wells be sampled and analyzed for volatile organic compounds (VOCs) in addition to the standard analyte list. PG&E agreed to the sampling requests, and the resultant data is included in the attached report. At the time of the meeting, PG&E was unable to comment on closing the environmental case at the former AAA property until PG&E obtained a better understanding of possible impacts from the upgradient properties. PG&E was also unable to commit to a decision regarding restriction of future use of the PG&E property.

Since the PG&E property is downgradient of the former AAA, Learner and former Superior Plaster properties, groundwater impacts at those properties may migrate onto the PG&E property. Accordingly, and as discussed at the March 14, 2007, meeting, PG&E's consultant reviewed files at the Alameda County Department of Environmental Health pertaining to the former AAA, Learner, and former Superior Plaster properties. DCB, CB, and petroleum hydrocarbon impacts have been detected in groundwater beneath the Learner, former AAA, and former Superior Plaster properties. On September 24, 2003, up to 360 ug/L 1,4-DCB was detected in a groundwater sample collected from an excavation spanning the property boundary between the Learner and former AAA properties. On October 8, 1998, up to 1,500 ug/L 1,4-DCB was detected in a groundwater sample collected from a monitoring well on the former Superior Plaster property. Based on the concentrations detected on upgradient properties and the concentrations

SEMIANNUAL GROUNDWATER MONITORING REPORT

April 2007 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

May 2007

ITSI Project No: 07037.0018

Innovative Technical Solutions, Inc.

detected in PG&E upgradient monitoring wells OW-5 and OW-7, additional assessment at the upgradient properties appears necessary. PG&E is concerned that these three properties may be past or continuing sources of the groundwater impacts at the PG&E property. PG&E requests that the County require the responsible parties for the groundwater impacts at the Superior Plaster property, the former AAA property, and the Learner property perform additional assessment at the respective properties.

Rather than file a deed restriction for its property, PG&E would like to address the impacts caused by its past operations and pursue a "clean closure" for the PG&E property, without restrictions on future use of the property. By July 16, 2007, PG&E will submit a corrective action plan to the County proposing appropriate activities for additional sampling and cleanup at the PG&E property. Since DCB and CB impacts to groundwater beneath the northern portion of the PG&E property will need to be addressed as part of the "clean closure" of the PG&E property, and since the former Superior Plaster, the former AAA, and the Learner properties are potential sources of these groundwater impacts, PG&E requests that the County defer closure of the respective cleanup cases. PG&E also requests that the County require the respective responsible parties for the former Superior Plaster, the former AAA, and the Learner properties to collect sufficient data to identify and assess potential source areas and to delineate the extent of their detected groundwater impacts. If further evaluation suggests that impacts at properties upgradient from the PG&E property have contributed or are contributing to the impacts at the PG&E property, PG&E anticipates that the County will hold the appropriate parties responsible for cleanup of their impacts.

Please contact me at 925.866.5888 or r4sw@pge.com if you have any questions.

Sincerely,

Robert Saur
Environmental Geologist

RAS: ngc
402.331.07.24

Attachment:
Semi-Annual Groundwater Monitoring Report, April 2007 Event, Pacific Gas and Electric Company, Oakland General Construction Yard, 4930 Coliseum Way, Oakland, California, dated May 2007.

cc: Jerry Wickham, Alameda County Department of Environmental Health (w/o attachment)
Donna Drogos, Alameda County Department of Environmental Health (w/o attachment)
Stephen Hill, RWQCB (w/o attachment)
Leroy Griffin, Oakland Fire Department (w/o attachment)

SEMIANNUAL GROUNDWATER MONITORING REPORT

April 2007 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.
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May 2007

ITSI Project No. 07037.0018

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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 semiannual groundwater monitoring completed on April 12, 2007, 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 April 12, 2007. 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 (PG&E, 1988). 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, and well OW-3 was abandoned. 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 a pipe that contained a similar petroleum product were also exposed in the northeastern 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 groundwater monitoring event on April 12, 2007. 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 what appeared to be sediment on the water level indicator at the bottom of monitoring well OW-5. Monitoring well, OW-4, was inaccessible because a storage container was placed over the well. The groundwater elevation measurements were used to prepare a groundwater elevation map to determine the direction and magnitude of the groundwater gradient. Purge water generated during the groundwater monitoring activities was temporarily stored on site 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 Environmental

Laboratories, Inc., of San Luis Obispo, California, a State of California certified laboratory, for analysis under chain-of-custody protocol. Samples from the monitoring wells were analyzed for the following:

- Total petroleum hydrocarbons quantified as gasoline (TPHg), TPH quantified as diesel (TPHd), and TPH quantified as motor oil (TPHmo) using U. S. Environmental Protection Agency (EPA) Method 8015B;
- Dissolved lead using EPA Method 6010B; and
- VOCs using EPA Method 8260B.

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 field blank or laboratory reagent blank. The surrogate recoveries were within the laboratory acceptance limits. Recoveries of matrix spike/matrix spike duplicate (MS/MSD) were within the laboratory acceptance limits. The relative percent differences (RPD) were within the laboratory acceptance limits.

5.0 GROUNDWATER MONITORING RESULTS

Groundwater level measurements collected during the April 12, 2007, monitoring event indicate that depth to water ranged from 2.82 to 5.55 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 0.004 ft/ft. Table 1 summarizes the depth to water measurements and groundwater elevation data. Figure 3 shows the groundwater elevation map.

Laboratory analytical results for the groundwater samples collected from the six monitoring wells sampled during the April 12, 2007, monitoring event indicate the following:

- TPHg was not detected above the laboratory method reporting limit of 50 µg/l in any of the six samples collected from the site.
- TPHd was detected in the six wells sampled at the Site. TPHd concentrations ranged from 110 µg/l to 210 µg/l. The highest concentration of TPHd was found in the sample collected from well OW-7 at 210 µg/l, located in the northeastern (upgradient) portion of the property.
- TPHmo was detected in the six wells sampled at the Site. TPHmo concentrations ranged from 200 µg/l to 500 µg/l. The highest concentration of TPHmo was

found in the sample collected from well OW-5 at 500 µg/l, located in the northern (upgradient) portion of the property.

- Dissolved lead was not detected above the laboratory method reporting limit of 4 µg/l in any of the six samples collected from the site.
- With the exception of benzene detected at 4.7 µg/l in OW-5 and methyl tertiary butyl ether (MTBE) detected at 1.0 µg/l in OW-1; benzene, toluene, ethylbenzene, and xylenes (BTEX) and MTBE were not detected above the laboratory method reporting limit in the six samples collected from the site.
- VOCs were detected in samples collected from OW-1, OW-5, OW-6, and OW-7. The highest concentrations of VOCs were found in the sample collected from well OW-7, located in the northeastern (upgradient) portion of the property.

Tables 2 and 3 summarize the laboratory analytical results. Figure 4 presents the results of the April 12, 2007, sampling event.

6.0 CONCLUSIONS

The direction and magnitude of groundwater gradient is generally consistent with the results of previous monitoring events. Overall, the analytical results of the April 12, 2007, groundwater monitoring event are consistent with the results of previous groundwater monitoring events.

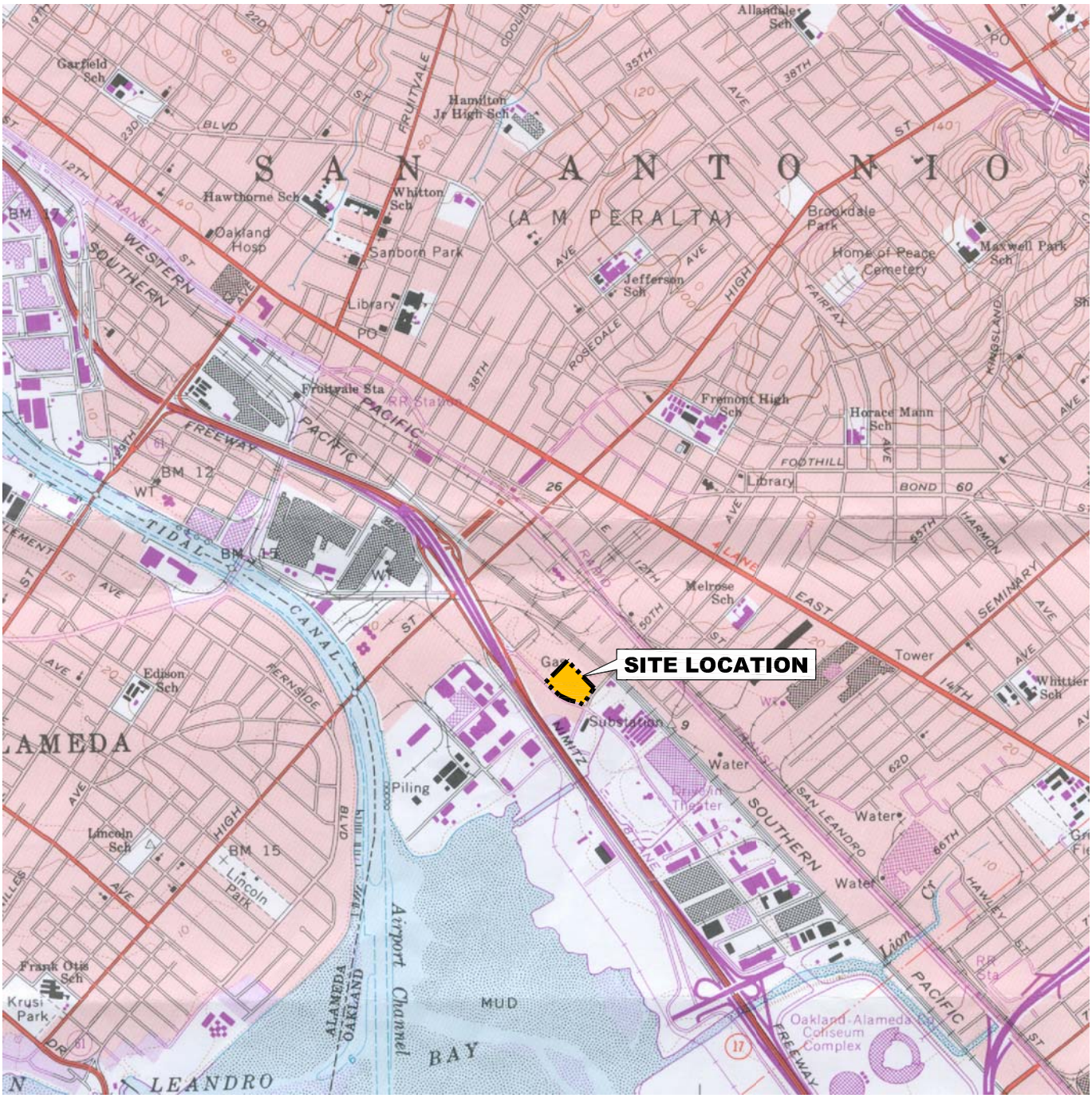
7.0 REFERENCES

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.

Pacific Gas and Electric Company (PG&E), 1988, Underground Tanks Investigation, PG&E General Construction Yard, 4930 Coliseum Way, Oakland, California, July.

FIGURES



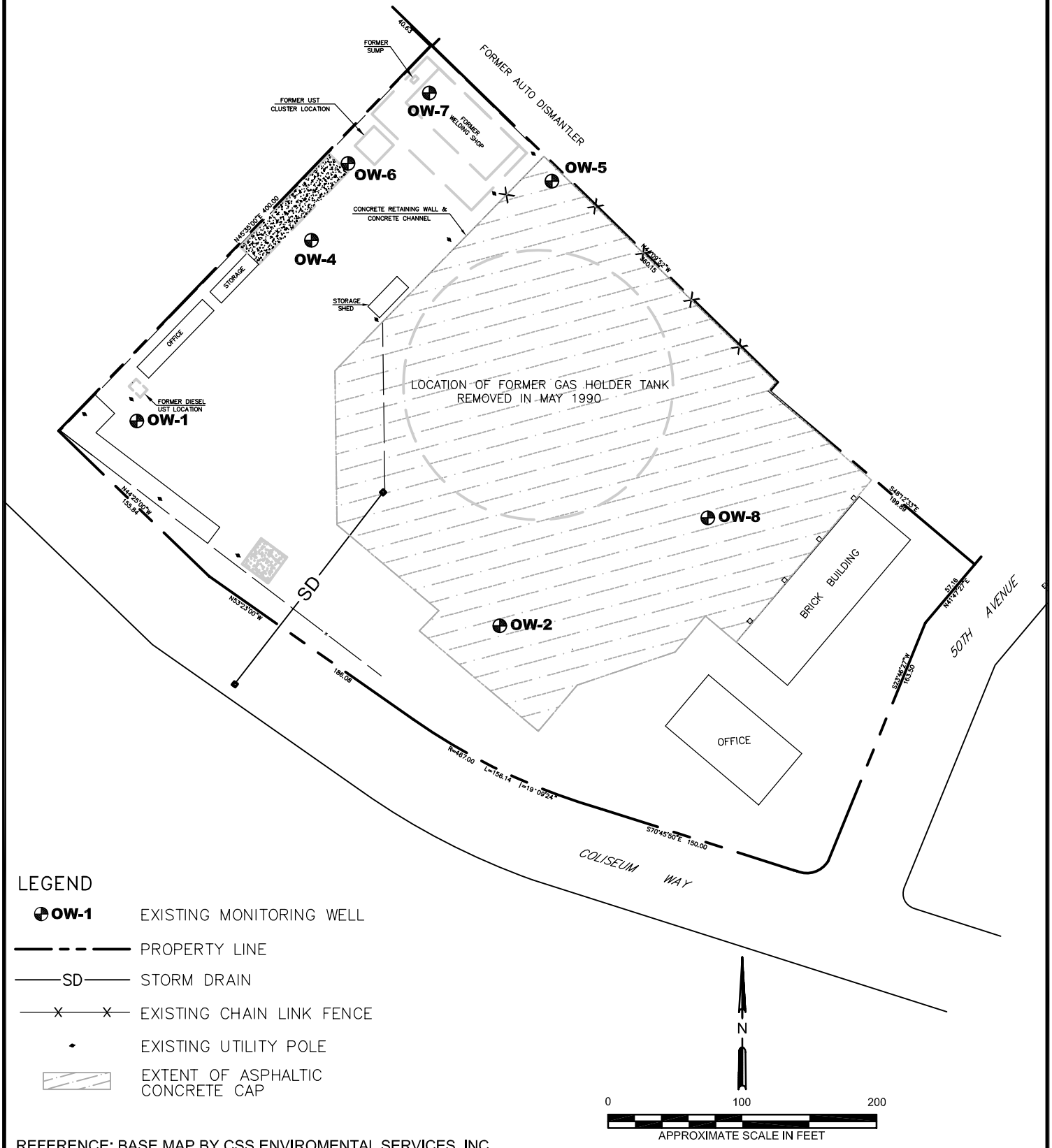
REFERENCE: USGS 7.5 MINUTE QUADRANGLE;
OAKLAND EAST, CALIFORNIA
PHOTOREVISED 1981

ITSI 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\07037.0018 PG&E Oakland SC UST Program\10.0 CADD\400_CADD Current Drawings\07037.0018 OKLND SC Figure 1.dwg



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\07037.0018 PG&E Oakland SC UST Program\10.0 CADD\400_CADD Current Drawings\07037.0018 OKLND SC Figure 2-3-4.dwg

LEGEND

- OW-1 8.76 — EXISTING MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET ABOVE MSL
- PROPERTY LINE
- SD — STORM DRAIN
- EXISTING CHAIN LINK FENCE
- EXISTING UTILITY POLE
- EXTENT OF ASPHALTIC CONCRETE CAP
- 0.04 — DIRECTION AND MAGNITUDE OF HYDRAULIC GRADIENT
- 9.0 — GOUNDWATER ELEVATION CONTOUR WITH ELEVATION IN FEET ABOVE MEAN SEA LEVEL

N

0 100 200

APPROXIMATE SCALE IN FEET

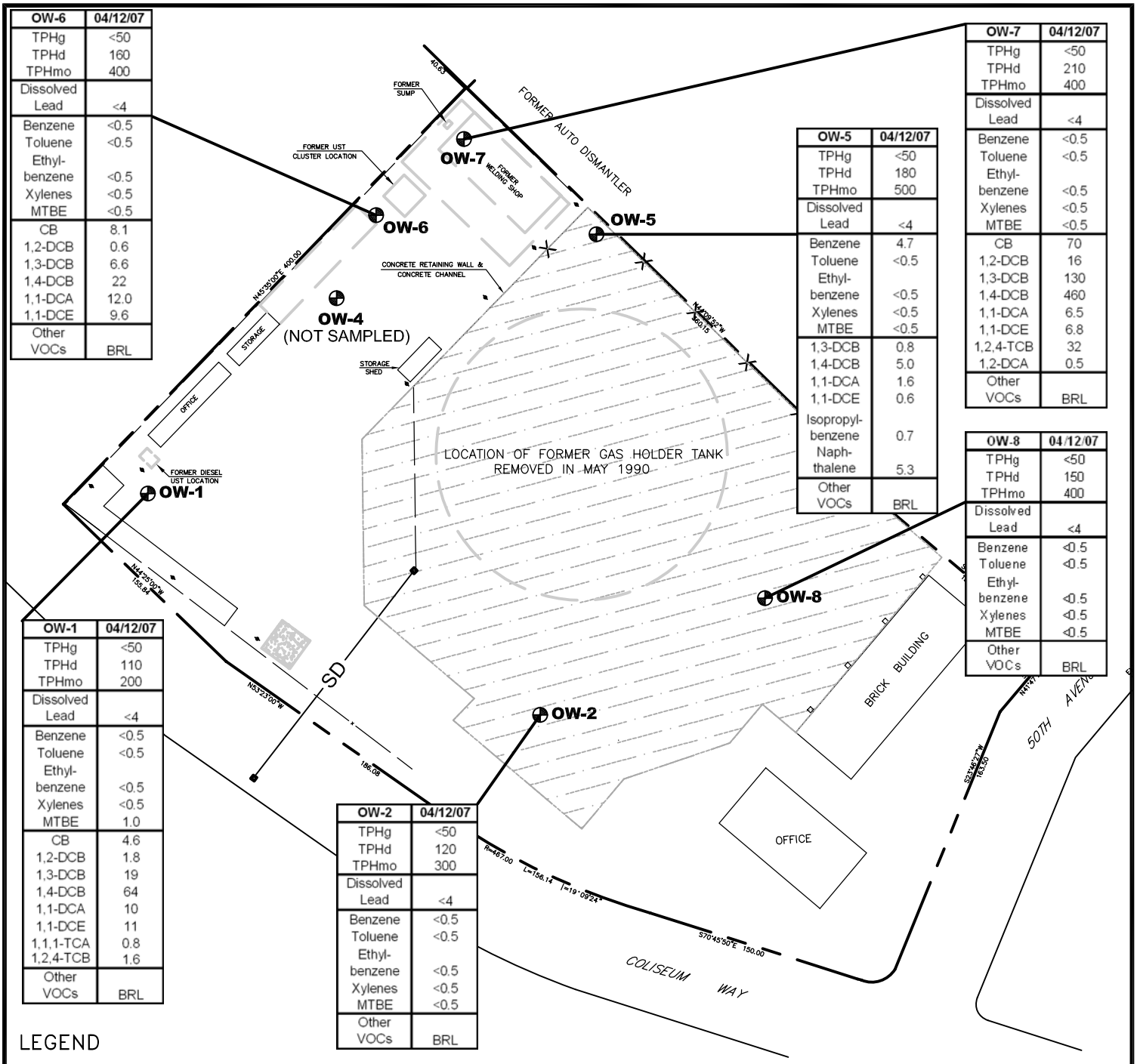
REFERENCE: BASE MAP BY CSS ENVIROMENTAL SERVICES, INC.
FIGURE 4.1 BY ES DATED 08/2005
JOB #6118; 01/1999

Innovative Technical Solutions, Inc.

Pacific Gas and Electric
Oakland General Construction Yard
Oakland, California

FIGURE 3
Groundwater Elevation Contours
(April 12, 2007)

FILENAME: P:\07037 PG&E_Entrix\07037.0018 PG&E Oakland SC UST Program\10.0 CADD\400_CADD Current Drawings\07037.0018 OKLND SC Figure 2-3-4.dwg



OW-6	04/12/07
TPHg	<50
TPHd	160
TPHmo	400
Dissolved Lead	<4
Benzene	<0.5
Toluene	<0.5
Ethyl-benzene	<0.5
Xylenes	<0.5
MTBE	<0.5
CB	8.1
1,2-DCB	0.6
1,3-DCB	6.6
1,4-DCB	22
1,1-DCA	12.0
1,1-DCE	9.6
Other VOCs	BRL

OW-7	04/12/07
TPHg	<50
TPHd	210
TPHmo	400
Dissolved Lead	<4
Benzene	<0.5
Toluene	<0.5
Ethyl-benzene	<0.5
Xylenes	<0.5
MTBE	<0.5
CB	70
1,2-DCB	16
1,3-DCB	130
1,4-DCB	460
1,1-DCA	6.5
1,1-DCE	6.8
1,2,4-TCB	32
1,2-DCA	0.5
Other VOCs	BRL

OW-5	04/12/07
TPHg	<50
TPHd	180
TPHmo	500
Dissolved Lead	<4
Benzene	4.7
Toluene	<0.5
Ethyl-benzene	<0.5
Xylenes	<0.5
MTBE	<0.5
1,3-DCB	0.8
1,4-DCB	5.0
1,1-DCA	1.6
1,1-DCE	0.6
Isopropyl-benzene	0.7
Naph-thalene	5.3
Other VOCs	BRL

OW-8	04/12/07
TPHg	<50
TPHd	150
TPHmo	400
Dissolved Lead	<4
Benzene	<0.5
Toluene	<0.5
Ethyl-benzene	<0.5
Xylenes	<0.5
MTBE	<0.5
Other VOCs	BRL

OW-1	04/12/07
TPHg	<50
TPHd	110
TPHmo	200
Dissolved Lead	<4
Benzene	<0.5
Toluene	<0.5
Ethyl-benzene	<0.5
Xylenes	<0.5
MTBE	1.0
CB	4.6
1,2-DCB	1.8
1,3-DCB	19
1,4-DCB	64
1,1-DCA	10
1,1-DCE	11
1,1,1-TCA	0.8
1,2,4-TCB	1.6
Other VOCs	BRL

OW-2	04/12/07
TPHg	<50
TPHd	120
TPHmo	300
Dissolved Lead	<4
Benzene	<0.5
Toluene	<0.5
Ethyl-benzene	<0.5
Xylenes	<0.5
MTBE	<0.5
Other VOCs	BRL

LEGEND

- OW-1 — MONITORING WELL
- PROPERTY LINE
- SD — STORM DRAIN
- EXISTING CHAIN LINK FENCE
- EXISTING UTILITY POLE
- EXTENT OF ASPHALTIC CONCRETE CAP

TPHg	Total petroleum hydrocarbons as gasoline
TPHd	Total petroleum hydrocarbons as diesel
CB	Chlorobenzene
DCB	Dichlorobenzene
DCA	Dichloroethane
DCE	Dichloroethene
MTBE	Methyl tert-butyl ether
TCB	Trichlorobenzene
TMB	Trimethylbenzene
VOCs	Volatile organic compounds
BRL	Below laboratory reporting limits

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

ALL RESULTS REPORTED IN MICROGRAMS/LITER (µg/l)

Innovative Technical Solutions, Inc.

Pacific Gas and Electric
Oakland General Construction Yard
Oakland, California

FIGURE 4
Groundwater Analytical Results
(April 12, 2007)

FILENAME: P:\07037 PG&E_Entrix\07037.0018 PG&E Oakland SC UST Program\10.0 CADD\400_CADD Current Drawings\07037.0018 OKLND SC Figure 2-3-4.dwg

TABLES

TABLE 1
Summary of Groundwater Elevation Data

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	4/12/2007	11.82	3.06	8.76
OW-2	4/12/2007	11.24	3.34	7.90
OW-4	4/12/2007	12.82	NM	--
OW-5	4/12/2007	13.24	4.85	9.41
OW-6	4/12/2007	13.61	4.15	9.46
OW-7	4/12/2007	15.00	5.55	9.45
OW-8	4/12/2007	11.19	2.82	8.37

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 (April 12, 2007)
Pacific Gas and Electric Oakland General Construction Yard
Oakland, California

		Total Petroleum Hydrocarbons Method 8015M			Dissolved Lead Method 6010B	Volatile Organic Compounds-Method 8260B															
Sample Name	Sample Date	TPHg µg/l	TPHd µg/l	TPHmo µg/l	µg/l	Benzene µg/l	Toluene µg/l	Ethyl-benzene µg/l	Xylenes µg/l	4-Isopropyl-benzene µg/l	Naph-thalene µg/l	MTBE µg/l	1,2,4-TCB µg/l	1,2-DCB µg/l	1,3-DCB µg/l	1,4-DCB µg/l	CB µg/l	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Other VOCs µg/l
OW-1	04/12/07	<50	110	200	<4	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1.0	1.6	1.8	19	64	4.6	0.8	10	11	ND
OW-2	04/12/07	<50	120	300	<4	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
OW-5	04/12/07	<50	180	500	<4	4.7	<0.5	<0.5	<0.5	0.7	5.3	<0.5	<0.5	<0.5	0.8	5.0	<0.5	<0.5	1.6	0.6	ND
OW-6	04/12/07	<50	160	400	<4	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	0.6	6.6	22	8.1	<0.5	12.0	9.6	ND
OW-7	04/12/07	<50	210	400	<4	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	32	16	130	460	70	<0.5	6.5	6.8	(1)
OW-8	04/12/07	<50	150	400	<4	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
FIELD BLANK	04/12/07	--	--	--	<4	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND

Notes:

OW-4 could not be sampled because a shipping container is located on the well.

µg/l = Micrograms per liter.
< = Not detected at or above the practical quantitation limit.
-- = Not analyzed
ND = Not detected above laboratory reporting limits. See laboratory analytical report for individual reporting limits (Appendix C).
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
(1) = 1,2-Dichloroethane was detected at 0.5 µg/l

APPENDIX A

Historical Groundwater Analytical Results

Innovative Technical Solutions, Inc.

Table A1 Summary of Historical Groundwater Analytical Results for TPH, Dissolved Lead, and PAHs December 2005 to Present
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-1	04/12/07	<50	110	200	<4	--	--	--	--	--	--	--	--	--	--
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-2	04/12/07	<50	120	300	<4	--	--	--	--	--	--	--	--	--	--
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-5	04/12/07	<50	180	500	<4	--	--	--	--	--	--	--	--	--	--
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-6	04/12/07	<50	160	400	<4	--	--	--	--	--	--	--	--	--	--
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-7	04/12/07	<50	210	400	<4	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--
OW-8	04/12/07	<50	150	400	<4	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--
FIELD BLANK	04/12/07	--	--	--	<4	--	--	--	--	--	--	--	--	--	--

Notes:

OW-4 could not be sampled because a shipping container is located on the well.

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 A2 Summary of Historical Groundwater Analytical Results for VOCs December 2005 to Present
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	1,2,4-TMB µg/l	1,3,5-TMB µg/l	4-Isopropyl-benzene µg/l	Naph-thalene µg/l	MTBE µg/l	1,2,3-TCB µg/l	1,2,4-TCB µg/l	1,2-DCB µg/l	1,3-DCB µg/l	1,4-DCB µg/l	CB µg/l	1,1,1-TCA µg/l	TCE µg/l	1,1-DCA µg/l	1,1-DCE µg/l	VC µg/l	Other VOCs µg/l
OW-1	12/20/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	0.96	<0.5	<0.5	**4.6**	**37**	**110**	**8.8**	**0.66**	<0.5	**7.6**	**8.3**	<0.5	ND
OW-1	12/20/06	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW-1	04/12/07	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1.0	<0.5	1.6	1.8	19	64	4.6	0.8	<0.5	10	11	<0.5	ND
OW-2	12/20/05	<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	<1.0	<0.5	<0.5	ND
OW-2	12/20/06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW-2	04/12/07	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<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
OW-5	12/20/05	4.4	<0.5	<0.5	0.56	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	1.0	3.9	0.63	<0.5	0.33J	2.2	0.49J	0.6	ND
OW-5	12/20/06	0.7	<0.5	<0.5	<0.5	3.2	1.9	0.8	50	<0.5	<0.5	<0.5	<0.5	1.0	4.3	<0.5	<0.5	<0.5	2.2	0.6	<0.5	ND
OW-5	04/12/07	4.7	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	5.3	<0.5	<0.5	<0.5	<0.5	0.8	5.0	<0.5	<0.5	<0.5	1.6	0.6	<0.5	ND
OW-6	12/20/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	0.53	<0.5	<0.5	1.4	8.6	25	5.8	<0.5	<0.5	7.0	3.1	<0.5	ND
OW-6	12/20/06	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	1.2	11	44	3.4	<0.5	<0.5	8.1	4	<0.5	ND
OW-6	04/12/07	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	0.6	6.6	22	8.1	<0.5	<0.5	12.0	9.6	<0.5	ND
OW-7	12/20/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	0.26J	<0.5	<0.5	26	190	490	84	<0.5	0.53	7.0	6.3	0.39J	ND
OW-7	12/20/06	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.8	<0.5	0.8	25	21	120	330	51	<0.5	<0.5	3.6	3.1	<0.5	ND
OW-7	04/12/07	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	32	16	130	460	70	<0.5	<0.5	6.5	6.8	<0.5	(1)
OW-8	12/20/05	<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	0.55	<0.5	<0.5	ND
OW-8	12/20/06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW-8	04/12/07	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<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
FIELD BLANK	12/20/05	<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	<1.0	<0.5	<0.5	ND
FIELD BLANK	12/20/06	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<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
FIELD BLANK	04/12/07	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<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:

OW-4 could not be sampled because a shipping container is located on the well.

µg/l = Micrograms per liter.
< = Not detected at or above the practical quantitation limit.
-- = Not analyzed
ND = Not detected above laboratory reporting limits. See laboratory analytical report for individual reporting limits (Appendix C).
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
(1) = 1,2-Dichloroethane was detected at 0.5 µg/l

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	820	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
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-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
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-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:
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-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	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	0.46	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	ND	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	6.56	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	560	< 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:
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-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	670	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

Notes:
1) MCL = Maximum Contaminant Level in drinking water (State MCL if not noted otherwise)
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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	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	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	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
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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	8.6	7.9	31	5.8	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	ND	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	758.4	918.8	NA	1237.5	NA	1046.8	1253.2	661.5	1612.1	991.5	1118.2	784.76	1106.5	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
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-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	qtr,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	1036.6	1036.6
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)
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10) 6/17/02 Samples analyzed for VOCs out of holding time due to laboratory error

APPENDIX B

Low-Flow Purging and Sampling Protocol

FIELD PROCEDURES FOR GROUNDWATER MONITORING

The following sections describe field procedures followed during groundwater monitoring at the site.

EQUIPMENT CALIBRATION

At the beginning of each sampling day, water quality meters for pH, specific electrical conductance (SEC), dissolved oxygen (DO), oxidation reduction potential (ORP), and turbidity are calibrated. Calibration data are recorded on the first Well Sampling Record. A CHEMetrics, or other appropriate, field test kit is used if there is a problem with DO meter calibration.

DOWNHOLE PARAMETER AND GROUNDWATER LEVEL MEASUREMENTS

After opening the wells and allowing time for equilibration to atmospheric conditions, and prior to purging and sampling activities, a complete round of downhole parameter and depth to groundwater measurements are collected from all monitoring wells. Downhole DO and ORP are measured first using a Horiba U-22, or other appropriate, water quality meter. Depth to water is then measured using an electric water level sounder to the nearest 0.01 foot from the top of casing.

FREE PRODUCT MEASUREMENT

The wells are inspected for free product, and if free product is observed, the depths to top and bottom of free product is measured using an interface probe to the nearest 0.01 foot from the top of casing.

SAMPLING ORDER

To minimize potential cross-contamination between wells, the wells are sampled in reverse order of target analyte concentration as measured during the previous sampling event.

GROUNDWATER PURGING AND SAMPLING

Groundwater sampling is performed following EPA low-flow purging and sampling procedures[1]. A minimum of three equipment volumes are purged at each well using an electric pump. Typical pump types may include peristaltic, 2-inch stainless steel submersible and/or

bladder pumps. Dedicated tubing and, where necessary, submersible pumps are used to minimize disturbance. When dedicated equipment cannot be used, sufficient time is allowed after equipment installation to allow groundwater conditions to return to equilibrium. The pump inlet is placed in the center of the screened interval. Each well is purged at a flow rate of approximately 200 milliliters per minute (ml/min); flow rate is not to exceed 500 mg/min at any time during purging or sampling. Drawdown in the well is not to exceed 0.3 ft. During purging, temperature, pH, SEC, turbidity, DO, and ORP are monitored using a Horbia U-22, or other appropriate, water quality meter approximately every one equipment volume purged, or every 3 to 5 minutes. Each well is purged until the field parameters are relatively stable for three successive readings. Three successive readings should be within:

- 0.1 for pH
- 3% for SEC
- 10% for temperature
- 10 mV for ORP if practical
- 10% for DO if practical
- 10% for turbidity if practical

If applicable, the ferrous ion concentration is measured using a CHEMetrics, or other appropriate, test kit during the last reading of the field parameters. Immediately after purging, a groundwater sample is collected directly through the pump discharge tubing. Depth to water after sample collection is measured and recorded on the Well Sampling Record.

EQUIPMENT CLEANING

All downhole equipment is cleaned with an Alconox-water solution and double-rinsed with deionized water before use at each well and at the end of each sampling day.

WASTE WATER CONTAINMENT

Waste water including purged groundwater and equipment cleaning water is contained in labeled, DOT-approved, 55-gallon steel drums, or other appropriate containers, and placed at a designated on-site location for future offsite disposal or recycling.

[1] Puls, R.W. and Barcelona, M.J, 1996, Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedure, U.S. Environmental Protection Agency, Office of Research and Development, Publication #EPA/540/5-95/504.

APPENDIX C

Groundwater Purging and Sampling Logs

Innovative Technical Solutions, Inc.

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME PG+E oakland				PROJECT NUMBER 070412-DW-1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI 556MPS Flowcell	06F2009	4-12-07 0945	3900 µs conductivity	3848 µS	3900 µs	15.52	DW
↓	↓	↓	4.0 7.0 pH 10.0	3.92 7.04 9.80	4.00 7.00 9.96	16.30 16.36 16.33	DW
↓	↓	↓	ORP 245mV DO 100%	245.5 mV 96.0%	245 mV 100.9%	15.00	DW

WELL GAUGING DATA

Project # 070412-OW-1 Date 4-12-07 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	1012	2					3.06	*18.13		
OW-2	1026	2					3.34	*20.28		
OW-4	-	-	Unable to gauge covered	by storage box			-	-		
OW-5	1018	2		18.70 to 18.90	.20	6	4.85	*18.98		
OW-6	1022	2					4.15	17.20		
OW-7	1035	2					5.55	18.20		
OW-8	1030	2					2.82	17.04		
				Removed all caps 15 mins prior to gauging						
				* DTB measured after sampling						

WELLHEAD INSPECTION CHECKLIST

Date 4-12-07 Client Geomatrix

Site Address 4930 Coliseum Way Oakland

Job Number 070412-OW-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	X							
OW-2		No bolts						
OW-4		covered by storage units						X
OW-5		No Lock						
OW-6		1 bolt Missing, Tabs stripped						
OW-7	X							
OW-8		Lid broken						

NOTES:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070412-DW-1	Client: Geomatrix
Sampler: DW	Date: 4-12-07
Well I.D.: OW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 18.13	Depth to Water Pre: 3.06 Post: 3.29
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: 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))	DTW Observations
1046	18.46	6.58	780	10	0.72	51.9	600	3.31
1049	18.38	6.58	783	8	0.83	32.7	1200	3.31
1052	18.47	6.58	782	18	0.78	24.8	1800	3.31
1055	18.54	6.58	776	22	0.66	19.3	2400	3.31
1058	18.59	6.59	770	23	0.61	17.9	3000	3.31
1101	18.60	6.58	764	21	0.57	17.1	3600	3.31

Did well dewater? Yes (No)	Amount actually evacuated: 3.31
Sampling Time: 1105	Sampling Date: 4-12-07
Sample I.D.: OW-1-041207	Laboratory: Creek
Analyzed for: (TPH-G) BTEX MTBE (TPH-D)	Other: VOCs, Dissolved lead
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070412-DW-1	Client: Geomatrix
Sampler: DW	Date: 4-12-07
Well I.D.: OW-2	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 20.28	Depth to Water Pre: 3.34 Post: 4.31
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: X Dedicated Tubing 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
1302	19.54	6.74	2733	5	0.69	106.6	600	3.95
1305	19.68	6.73	2747	3	0.78	106.5	1200	4.00
1308	19.70	6.74	2787	2	0.72	106.5	1800	4.05
1311	19.67	6.74	2812	2	0.68	107.2	2400	4.10

Did well dewater? Yes (No) Amount actually evacuated: 2400 ml
Sampling Time: 1315 Sampling Date: 4-12-07
Sample I.D.: OW-2-041207 Laboratory: Creek
Analyzed for: (TPH-G) BTEX MTBE (TPH-D) Other: VOCs, Dissolved lead
Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070412-DW-1	Client: Geomatrix
Sampler: DW	Date: 4-12-07
Well I.D.: OW-5	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 18.98	Depth to Water Pre: 4.85 Post:
Depth to Free Product: 18.70 to 18.90	Thickness of Free Product (feet): .20
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))	DTW Observations
1136	19.05	6.50	798	30	~~4.5~~ .87	-6.5	600	4.04
1139	19.48	6.52	793	47	.89	-8.2	1200	4.04
1142	19.78	6.51	776	46	.79	-6.4	1800	4.04
1145	20.19	6.49	751	38	.63	-1.3	2400	4.04
1148	20.44	6.48	739	26	.56	1.4	3000	4.04
1151	20.45	6.48	736	24	.54	1.9	3600	4.04
1154	20.48	6.48	735	18	.53	2.3	4200	4.04

Did well dewater? Yes (No) Amount actually evacuated: 4200 ml
Sampling Time: ~~OW-5-041207~~ 1158 Sampling Date: 4-12-07
Sample I.D.: ~~OW-5-041207~~ OW-5 (DUP) (MS/MSD) Laboratory: Creek
Analyzed for: (TPH-G) BTEX MTBE (TPH-D) Other: VOCs, Dissolved lead
~~Equipment~~ Field Blank I.D.: FB-041207 @ Time 1125 Duplicate I.D.:

for VOC's, Dissolved Lead

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070412-DW-1	Client: Geomatrix
Sampler: DW	Date: 4-12-07
Well I.D.: OW-6	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 17.20	Depth to Water Pre: 4.15 Post: 4.15
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI556

Purge Method: 2" Grundfos Pump ✗ Peristaltic Pump Bladder Pump
Sampling Method: ✗ Dedicated Tubing 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))	Observations
1228	18.37	7.20	1115	33	0.91	49.7	600	4.15
1231	18.54	7.21	1121	22	0.61	44.8	1200	4.15
1234	18.56	7.21	1128	20	0.55	41.8	1800	4.15
1237	18.62	7.21	1131	18	0.53	38.8	2400	4.15

Did well dewater? Yes (No)	Amount actually evacuated: 2400 ml
Sampling Time: 1240	Sampling Date: 4-12-07
Sample I.D.: OW-6-041207	Laboratory: Creek
Analyzed for: (TPH-G) BTEX MTBE (TPH-D)	Other: VOCs, Dissolved lead
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070412-DW-1	Client: Geomatrix
Sampler: DW	Date: 4-12-07
Well I.D.: OW-7	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 18.20	Depth to Water Pre: 5.55 Post: 5.55
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: 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
1421	19.28	6.75	799	~~5.70~~ 45	0.70	-18.2	600	5.55
1424	19.36	6.76	798	41	0.67	-26.2	1200	5.55
1427	19.27	6.77	796	20	0.59	-35.4	1800	5.55
1430	19.19	6.78	794	19	0.54	-38.2	2400	5.55
1433	19.23	6.78	794	18	0.51	-41.1	3000	5.55

Did well dewater? Yes (No) Amount actually evacuated: 3000 ml
Sampling Time: 1435 Sampling Date: 4-12-07
Sample I.D.: OW-7-041207 Laboratory: Creek
Analyzed for: (TPH-G) BTEX MTBE (TPH-D) Other: VOCs, Dissolved lead
Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070412-DW-1	Client: Geomatrix
Sampler: DW	Date: 4-12-07
Well I.D.: OW-8	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 17.84	Depth to Water Pre: 2.82 Post: 4.53
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/min 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
1343	19.91	6.61	1064	4	.99	89.2	600	3.50
1346	20.69	6.63	1058	4	.85	93.6	1200	3.55
1349	19.92	6.64	1053	3	.73	96.2	1800	3.55
1352	19.98	6.60	1051	3	.68	99.6	2400	3.55
1355	20.06	6.59	1050	3	.62	103.9	3000	3.55

Did well dewater? Yes (No) Amount actually evacuated: 3000 ml
Sampling Time: 1400 Sampling Date: 4-12-07
Sample I.D.: OW-8-041207 Laboratory: Creek
Analyzed for: (TPH-G) BTEX MTBE (TPH-D) Other: VOCs, Dissolved lead
Equipment Blank I.D.: @ Time Duplicate I.D.:

APPENDIX D

Laboratory Analytical Reports and Chain-of-Custody Documentation

Innovative Technical Solutions, Inc.

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

02119 DHS #

CHAIN OF BTS # 070412-DW-1

CLIENT: Geomatrix

SITE: PG&E Oakland
4930 Coliseum Way
Oakland, CA

LAB: Creek Laboratories

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
☐ EPA ☐ LIA ☐ OTHER ☐ RWQCB REGION

SPECIAL INSTRUCTIONS

Invoice to : Geomatrix

Report to : Geomatrix Attn: Jonathan Skaggs

Ph# 510-663-4100 / Fax# 510663-4141

Geomatrix Project #

CONDUCT ANALYSIS TO DETECT

C = COMPOSITE ALL CONTAINERS

SAMPLE I.D.	DATE	TIME	MATRIX S= SOIL W=H_2O	CONTAINERS TOTAL	TPH-G (8015B)	VOCs Full list(8260B)	TPH-D & Motor Oil (8015B)	Dissolved Lead (6010) Field Filtered	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
OW-1-041207	4-12	1105	W	8	X	X	X	X		P/HNO3 1/250	-B	4802
OW-2-041207		1315		8	X	X	X	X		~~AG/ UNP/1L~~	-A	
OW-5-041207		1158		16	X	X	X	X		VOA	HCL C-H	4803
OW-6-041207		1240		8	X	X	X	X	MS/MSD		VOA-I-N	4804
OW-7-041207		1435		8	X	X	X	X				4805
OW-8-041207		1400		8	X	X	X	X				4806
FB-041207		1125		4		X		X				4807
										P/HNO3 1/250	A	4808
										~~VOA/HCL~~	B-D	

RESULTS NEEDED NO LATER THAN: Standard TAT

	DATE	TIME		DATE	TIME
SAMPLING COMPLETED	4-12-07	1500	SAMPLING PERFORMED BY	Dave Walter, Steve Rose	
RELEASED BY: David C. Glatt	4-12-07	1700	RECEIVED BY: Paulette Odlee	9/13/07	10:30
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
SHIPPED VIA: Fed Ex	DATE SENT: 4-12-07	TIME SENT: 1700	COOLER #		

2°

CREEK ENVIRONMENTAL LABORATORIES, INC.
A Minority-owned Business Enterprise
141 SUBURBAN ROAD, SUITE C-5 • SAN LUIS OBISPO, CA 93401 • (805) 545-9838 • FAX (805) 545-0107

Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 07-C4802
Order: 02119
Project: Oakland
Received: 04/13/07
Printed: 04/25/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-1-041207	Dave Walter, Steve Rose	04/12/07@11:05	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Diesel	0.11	0.05	1	mg/L	EPA 8015/LUFT	04/19/07	04/18/07	4086
TPH as Motor Oil	0.2	0.1	1	mg/L	EPA 8015/LUFT	04/19/07	04/18/07	4086
TPH as Gasoline	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	04/17/07		3952
Benzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Methyl t-Butyl Ether (MTBE)	1.0	0.5	1	ug/L	EPA 8260	04/18/07		4032
Chlorobenzene	4.6	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2-Dichlorobenzene	1.8	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,3-Dichlorobenzene	19	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,4-Dichlorobenzene	64	2	5	ug/L	EPA 8260	04/23/07		4132
1,2-Dichloroethane (EDC)	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Chloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
2-Chloroethylvinyl ether	Not Detected	20	1	ug/L	EPA 8260	04/18/07		4032
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
2-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 07-C4802
Order: O2119
Project: Oakland
Received: 04/13/07
Printed: 04/25/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-1-041207	Dave Walter, Steve Rose	04/12/07@11:05	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	04/18/07		4032
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1-Dichloroethane	10	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1-Dichloroethene	11	0.5	1	ug/L	EPA 8260	04/18/07		4032
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Isopropylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
4-Isopropyltoluene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Methylene Chloride	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Naphthalene	Not Detected	5	1	ug/L	EPA 8260	04/18/07		4032
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2,3-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2,4-Trichlorobenzene	1.6	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1,1-Trichloroethane	0.8	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 07-C4802
Order: 02119
Project: Oakland
Received: 04/13/07
Printed: 04/25/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-1-041207	Dave Walter, Steve Rose	04/12/07@11:05	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2,4-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,3,5-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Vinyl Chloride	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Lead, Dissolved	Not Detected	0.004	1	mg/L	EPA 6020	04/20/07		4103

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
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Log Number: 07-C4803
Order: 02119
Project: Oakland
Received: 04/13/07
Printed: 04/25/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-2-041207	Dave Walter, Steve Rose	04/12/07@13:15	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Diesel	0.12	0.05	1	mg/L	EPA 8015/LUFT	04/19/07	04/18/07	4086
TPH as Motor Oil	0.3	0.1	1	mg/L	EPA 8015/LUFT	04/19/07	04/18/07	4086
TPH as Gasoline	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	04/17/07		3952
Benzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Methyl t-Butyl Ether (MTBE)	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Chlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,3-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,4-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2-Dichloroethane (EDC)	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Chloroethane	Not Detected	20	1	ug/L	EPA 8260	04/23/07		4132
2-Chloroethylvinyl ether	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
2-Chlorotoluene								

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Log Number: 07-C4803
Order: 02119
Project: Oakland
Received: 04/13/07
Printed: 04/25/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-2-041207	Dave Walter, Steve Rose	04/12/07@13:15	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	04/23/07		4132
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,1-Dichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,1-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Isopropylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
4-Isopropyltoluene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Methylene Chloride	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Naphthalene	Not Detected	5	1	ug/L	EPA 8260	04/23/07		4132
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2,3-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2,4-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,1,1-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132

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Log Number: 07-C4803
Order: O2119
Project: Oakland
Received: 04/13/07
Printed: 04/25/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-2-041207	Dave Walter, Steve Rose	04/12/07@13:15	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2,4-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,3,5-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Vinyl Chloride	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Lead, Dissolved	Not Detected	0.004	1	mg/L	EPA 6020	04/20/07		4103

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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Log Number: 07-C4804
Order: 02119
Project: Oakland
Received: 04/13/07
Printed: 04/25/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-5-041207	Dave Walter, Steve Rose	04/12/07@11:58	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Diesel	0.18	0.05	1	mg/L	EPA 8015/LUFT	04/19/07	04/18/07	4086
TPH as Motor Oil	0.5	0.1	1	mg/L	EPA 8015/LUFT	04/19/07	04/18/07	4086
TPH as Gasoline	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	04/17/07		3952
Benzene	4.7	0.5	1	ug/L	EPA 8260	04/18/07		4032
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Methyl t-Butyl Ether (MTBE)	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Chlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,3-Dichlorobenzene	0.8	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,4-Dichlorobenzene	5.0	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2-Dichloroethane (EDC)	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Chloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
2-Chloroethylvinyl ether	Not Detected	20	1	ug/L	EPA 8260	04/18/07		4032
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
2-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032

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Log Number: 07-C4804
Order: O2119
Project: Oakland
Received: 04/13/07
Printed: 04/25/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-5-041207	Dave Walter, Steve Rose	04/12/07@11:58	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	04/18/07		4032
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1-Dichloroethane	1.6	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1-Dichloroethene	0.6	0.5	1	ug/L	EPA 8260	04/18/07		4032
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Isopropylbenzene	0.7	0.5	1	ug/L	EPA 8260	04/18/07		4032
4-Isopropyltoluene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Methylene Chloride	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Naphthalene	5.3	5	1	ug/L	EPA 8260	04/18/07		4032
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2,3-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2,4-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1,1-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032

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Log Number: 07-C4804
Order: O2119
Project: Oakland
Received: 04/13/07
Printed: 04/25/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-5-041207	Dave Walter, Steve Rose	04/12/07@11:58	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2,4-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,3,5-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Vinyl Chloride	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Lead, Dissolved	Not Detected	0.004	1	mg/L	EPA 6020	04/20/07		4103

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: 07-C4805
Order: O2119
Project: Oakland
Received: 04/13/07
Printed: 04/25/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-6-041207	Dave Walter, Steve Rose	04/12/07@12:40	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Diesel	0.16	0.05	1	mg/L	EPA 8015/LUFT	04/19/07	04/18/07	4086
TPH as Motor Oil	0.4	0.1	1	mg/L	EPA 8015/LUFT	04/19/07	04/18/07	4086
TPH as Gasoline	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	04/17/07		3952
Benzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Methyl t-Butyl Ether (MTBE)	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Chlorobenzene	8.1	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2-Dichlorobenzene	0.6	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,3-Dichlorobenzene	6.6	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,4-Dichlorobenzene	22	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2-Dichloroethane (EDC)	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Chloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
2-Chloroethylvinyl ether	Not Detected	20	1	ug/L	EPA 8260	04/18/07		4032
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
2-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 07-C4805
Order: 02119
Project: Oakland
Received: 04/13/07
Printed: 04/25/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-6-041207	Dave Walter, Steve Rose	04/12/07@12:40	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	04/18/07		4032
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1-Dichloroethane	12	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1-Dichloroethene	9.6	0.5	1	ug/L	EPA 8260	04/18/07		4032
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Isopropylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
4-Isopropyltoluene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Methylene Chloride	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Naphthalene	Not Detected	5	1	ug/L	EPA 8260	04/18/07		4032
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2,3-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2,4-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1,1-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032

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2101 Webster St.
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Log Number: 07-C4805
Order: 02119
Project: Oakland
Received: 04/13/07
Printed: 04/25/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-6-041207	Dave Walter, Steve Rose	04/12/07@12:40	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2,4-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,3,5-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Vinyl Chloride	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Lead, Dissolved	Not Detected	0.004	1	mg/L	EPA 6020	04/20/07		4103

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: 07-C4806
Order: O2119
Project: Oakland
Received: 04/13/07
Printed: 04/25/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-7-041207	Dave Walter, Steve Rose	04/12/07@14:35	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Diesel	0.21	0.05	1	mg/L	EPA 8015/LUFT	04/19/07	04/18/07	4086
TPH as Motor Oil	0.4	0.1	1	mg/L	EPA 8015/LUFT	04/19/07	04/18/07	4086
TPH as Gasoline	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	04/17/07		3952
Benzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Methyl t-Butyl Ether (MTBE)	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Chlorobenzene	70	10	20	ug/L	EPA 8260	04/23/07		4132
1,2-Dichlorobenzene	16	10	20	ug/L	EPA 8260	04/23/07		4132
1,3-Dichlorobenzene	130	10	20	ug/L	EPA 8260	04/23/07		4132
1,4-Dichlorobenzene	460	10	20	ug/L	EPA 8260	04/23/07		4132
1,2-Dichloroethane (EDC)	0.5	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Chloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
2-Chloroethylvinyl ether	Not Detected	20	1	ug/L	EPA 8260	04/18/07		4032
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
2-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032

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Log Number: 07-C4806
Order: 02119
Project: Oakland
Received: 04/13/07
Printed: 04/25/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-7-041207	Dave Walter, Steve Rose	04/12/07@14:35	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	04/18/07		4032
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1-Dichloroethane	6.5	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1-Dichloroethene	6.8	0.5	1	ug/L	EPA 8260	04/18/07		4032
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Isopropylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
4-Isopropyltoluene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Methylene Chloride	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Naphthalene	Not Detected	5	1	ug/L	EPA 8260	04/18/07		4032
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2,3-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2,4-Trichlorobenzene	32	10	20	ug/L	EPA 8260	04/23/07		4132
1,1,1-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032

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Jonathan Skaggs
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Log Number: 07-C4806
Order: 02119
Project: Oakland
Received: 04/13/07
Printed: 04/25/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-7-041207	Dave Walter, Steve Rose	04/12/07@14:35	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,2,4-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
1,3,5-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Vinyl Chloride	Not Detected	0.5	1	ug/L	EPA 8260	04/18/07		4032
Lead, Dissolved	Not Detected	0.004	1	mg/L	EPA 6020	04/20/07		4103

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: 07-C4807
Order: 02119
Project: Oakland
Received: 04/13/07
Printed: 04/25/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-8-041207	Dave Walter, Steve Rose	04/12/07@14:00	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Diesel	0.15	0.05	1	mg/L	EPA 8015/LUFT	04/19/07	04/18/07	4086
TPH as Motor Oil	0.4	0.1	1	mg/L	EPA 8015/LUFT	04/19/07	04/18/07	4086
TPH as Gasoline	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	04/17/07		3952
Benzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Methyl t-Butyl Ether (MTBE)	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Chlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,3-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,4-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2-Dichloroethane (EDC)	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Chloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
2-Chloroethylvinyl ether	Not Detected	20	1	ug/L	EPA 8260	04/23/07		4132
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
2-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132

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Jonathan Skaggs
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2101 Webster St.
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Log Number: 07-C4807
Order: O2119
Project: Oakland
Received: 04/13/07
Printed: 04/25/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-8-041207	Dave Walter, Steve Rose	04/12/07@14:00	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	04/23/07		4132
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,1-Dichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,1-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Isopropylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
4-Isopropyltoluene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Methylene Chloride	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Naphthalene	Not Detected	5	1	ug/L	EPA 8260	04/23/07		4132
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2,3-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2,4-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,1,1-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132

CREEK ENVIRONMENTAL LABORATORIES, INC.
A Minority-owned Business Enterprise
141 SUBURBAN ROAD, SUITE C-5 • SAN LUIS OBISPO, CA 93401 • (805) 545-9838 • FAX (805) 545-0107

Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 07-C4807
Order: O2119
Project: Oakland
Received: 04/13/07
Printed: 04/25/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-8-041207	Dave Walter, Steve Rose	04/12/07@14:00	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2,4-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,3,5-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Vinyl Chloride	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Lead, Dissolved	Not Detected	0.004	1	mg/L	EPA 6020	04/20/07		4103

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

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
FB-041207	Dave Walter, Steve Rose	04/12/07@11:25	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Benzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Methyl t-Butyl Ether (MTBE)	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Chlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,3-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,4-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2-Dichloroethane (EDC)	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Chloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
2-Chloroethylvinyl ether	Not Detected	20	1	ug/L	EPA 8260	04/23/07		4132
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
2-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	04/23/07		4132
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132

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2101 Webster St.
Oakland, CA 94612

Log Number: 07-C4808
Order: 02119
Project: Oakland
Received: 04/13/07
Printed: 04/25/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
FB-041207	Dave Walter, Steve Rose	04/12/07@11:25	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,1-Dichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,1-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Isopropylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
4-Isopropyltoluene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Methylene Chloride	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Naphthalene	Not Detected	5	1	ug/L	EPA 8260	04/23/07		4132
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2,3-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2,4-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,1,1-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132

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Oakland, CA 94612

Log Number: 07-C4808
Order: 02119
Project: Oakland
Received: 04/13/07
Printed: 04/25/07

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
FB-041207	Dave Walter, Steve Rose	04/12/07@11:25	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
1,2,4-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
1,3,5-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Vinyl Chloride	Not Detected	0.5	1	ug/L	EPA 8260	04/23/07		4132
Lead, Dissolved	Not Detected	0.004	1	mg/L	EPA 6020	04/20/07		4103

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

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Lab Director, Michael Ng

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Order No.: 02119
Laboratory Reagent Blank

Analyte	Method	Results	Units	Batch
TPH as Diesel	EPA 8015/LUFT	< 0.05	mg/L	4086
TPH as Motor Oil	EPA 8015/LUFT	< 0.1	mg/L	4086
TPH as Gasoline	EPA 8015/LUFT	< 0.05	mg/L	3952
Benzene	EPA 8260	< 0.5	ug/L	4032
Benzene	EPA 8260	< 0.5	ug/L	4132
Toluene	EPA 8260	< 0.5	ug/L	4032
Toluene	EPA 8260	< 0.5	ug/L	4132
Ethylbenzene	EPA 8260	< 0.5	ug/L	4032
Ethylbenzene	EPA 8260	< 0.5	ug/L	4132
m,p-Xylene	EPA 8260	< 0.5	ug/L	4032
m,p-Xylene	EPA 8260	< 0.5	ug/L	4132
o-Xylene	EPA 8260	< 0.5	ug/L	4032
o-Xylene	EPA 8260	< 0.5	ug/L	4132
Methyl t-Butyl Ether (MTBE)	EPA 8260	< 0.5	ug/L	4032
Methyl t-Butyl Ether (MTBE)	EPA 8260	< 0.5	ug/L	4132
Chlorobenzene	EPA 8260	< 0.5	ug/L	4032
Chlorobenzene	EPA 8260	< 0.5	ug/L	4132
1,2-Dichlorobenzene	EPA 8260	< 0.5	ug/L	4032
1,2-Dichlorobenzene	EPA 8260	< 0.5	ug/L	4132
1,3-Dichlorobenzene	EPA 8260	< 0.5	ug/L	4032
1,3-Dichlorobenzene	EPA 8260	< 0.5	ug/L	4132
1,4-Dichlorobenzene	EPA 8260	< 0.5	ug/L	4032
1,4-Dichlorobenzene	EPA 8260	< 0.5	ug/L	4132
1,2-Dichloroethane (EDC)	EPA 8260	< 0.5	ug/L	4032
1,2-Dichloroethane (EDC)	EPA 8260	< 0.5	ug/L	4132
1,2-Dibromoethane (EDB)	EPA 8260	< 0.5	ug/L	4032
1,2-Dibromoethane (EDB)	EPA 8260	< 0.5	ug/L	4132
Bromobenzene	EPA 8260	< 0.5	ug/L	4032
Bromobenzene	EPA 8260	< 0.5	ug/L	4132
Bromochloromethane	EPA 8260	< 0.5	ug/L	4032
Bromochloromethane	EPA 8260	< 0.5	ug/L	4132
Bromodichloromethane	EPA 8260	< 0.5	ug/L	4032
Bromodichloromethane	EPA 8260	< 0.5	ug/L	4132
Bromoform	EPA 8260	< 0.5	ug/L	4032
Bromoform	EPA 8260	< 0.5	ug/L	4132
Bromomethane	EPA 8260	< 0.5	ug/L	4032
Bromomethane	EPA 8260	< 0.5	ug/L	4132
n-Butylbenzene	EPA 8260	< 0.5	ug/L	4032
n-Butylbenzene	EPA 8260	< 0.5	ug/L	4132
sec-Butyl Benzene	EPA 8260	< 0.5	ug/L	4032
sec-Butyl Benzene	EPA 8260	< 0.5	ug/L	4132
t-Butylbenzene	EPA 8260	< 0.5	ug/L	4032
t-Butylbenzene	EPA 8260	< 0.5	ug/L	4132
Carbon Tetrachloride	EPA 8260	< 0.5	ug/L	4032
Carbon Tetrachloride	EPA 8260	< 0.5	ug/L	4132

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Quality Control Results

Order No.: 02119

Laboratory Reagent Blank (continued)

Analyte	Method	Result	Units	Batch
Chloroethane	EPA 8260	< 0.5	ug/L	4032
Chloroethane	EPA 8260	< 0.5	ug/L	4132
2-Chloroethylvinyl ether	EPA 8260	< 20	ug/L	4032
2-Chloroethylvinyl ether	EPA 8260	< 20	ug/L	4132
Chloroform	EPA 8260	< 0.5	ug/L	4032
Chloroform	EPA 8260	< 0.5	ug/L	4132
Chloromethane	EPA 8260	< 0.5	ug/L	4032
Chloromethane	EPA 8260	< 0.5	ug/L	4132
2-Chlorotoluene	EPA 8260	< 0.5	ug/L	4032
2-Chlorotoluene	EPA 8260	< 0.5	ug/L	4132
4-Chlorotoluene	EPA 8260	< 0.5	ug/L	4032
4-Chlorotoluene	EPA 8260	< 0.5	ug/L	4132
1,2-Dibromo-3-Chloropropane	EPA 8260	< 1	ug/L	4032
1,2-Dibromo-3-Chloropropane	EPA 8260	< 1	ug/L	4132
Dibromochloromethane	EPA 8260	< 0.5	ug/L	4032
Dibromochloromethane	EPA 8260	< 0.5	ug/L	4132
Dibromomethane	EPA 8260	< 0.5	ug/L	4032
Dibromomethane	EPA 8260	< 0.5	ug/L	4132
Dichlorodifluoromethane	EPA 8260	< 0.5	ug/L	4032
Dichlorodifluoromethane	EPA 8260	< 0.5	ug/L	4132
1,1-Dichloroethane	EPA 8260	< 0.5	ug/L	4032
1,1-Dichloroethane	EPA 8260	< 0.5	ug/L	4132
1,1-Dichloroethene	EPA 8260	< 0.5	ug/L	4032
1,1-Dichloroethene	EPA 8260	< 0.5	ug/L	4132
cis-1,2-Dichloroethene	EPA 8260	< 0.5	ug/L	4032
cis-1,2-Dichloroethene	EPA 8260	< 0.5	ug/L	4132
trans-1,2-Dichloethene	EPA 8260	< 0.5	ug/L	4032
trans-1,2-Dichloethene	EPA 8260	< 0.5	ug/L	4132
1,2-Dichloropropane	EPA 8260	< 0.5	ug/L	4032
1,2-Dichloropropane	EPA 8260	< 0.5	ug/L	4132
1,3-Dichloropropane	EPA 8260	< 0.5	ug/L	4032
1,3-Dichloropropane	EPA 8260	< 0.5	ug/L	4132
2,2-Dichloropropane	EPA 8260	< 0.5	ug/L	4032
2,2-Dichloropropane	EPA 8260	< 0.5	ug/L	4132
1,1-Dichloropropene	EPA 8260	< 0.5	ug/L	4032
1,1-Dichloropropene	EPA 8260	< 0.5	ug/L	4132
cis-1,3-Dichloropropene	EPA 8260	< 0.5	ug/L	4032
cis-1,3-Dichloropropene	EPA 8260	< 0.5	ug/L	4132
trans-1,3-Dichloropropene	EPA 8260	< 0.5	ug/L	4032
trans-1,3-Dichloropropene	EPA 8260	< 0.5	ug/L	4132
Hexachlorobutadiene	EPA 8260	< 0.5	ug/L	4032
Hexachlorobutadiene	EPA 8260	< 0.5	ug/L	4132
Isopropylbenzene	EPA 8260	< 0.5	ug/L	4032
Isopropylbenzene	EPA 8260	< 0.5	ug/L	4132

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Order No.: 02119

Laboratory Reagent Blank (continued)

Analyte	Method	Result	Units	Batch
4-Isopropyltoluene	EPA 8260	< 0.5	ug/L	4032
4-Isopropyltoluene	EPA 8260	< 0.5	ug/L	4132
Methylene Chloride	EPA 8260	< 0.5	ug/L	4032
Methylene Chloride	EPA 8260	< 0.5	ug/L	4132
Naphthalene	EPA 8260	< 5	ug/L	4032
Naphthalene	EPA 8260	< 5	ug/L	4132
n-Propylbenzene	EPA 8260	< 0.5	ug/L	4032
n-Propylbenzene	EPA 8260	< 0.5	ug/L	4132
Styrene	EPA 8260	< 0.5	ug/L	4032
Styrene	EPA 8260	< 0.5	ug/L	4132
1,1,1,2-Tetrachloroethane	EPA 8260	< 0.5	ug/L	4032
1,1,1,2-Tetrachloroethane	EPA 8260	< 0.5	ug/L	4132
1,1,2,2-Tetrachloroethane	EPA 8260	< 0.5	ug/L	4032
1,1,2,2-Tetrachloroethane	EPA 8260	< 0.5	ug/L	4132
Tetrachloroethene	EPA 8260	< 0.5	ug/L	4032
Tetrachloroethene	EPA 8260	< 0.5	ug/L	4132
1,2,3-Trichlorobenzene	EPA 8260	< 0.5	ug/L	4032
1,2,3-Trichlorobenzene	EPA 8260	< 0.5	ug/L	4132
1,2,4-Trichlorobenzene	EPA 8260	< 0.5	ug/L	4032
1,2,4-Trichlorobenzene	EPA 8260	< 0.5	ug/L	4132
1,1,1-Trichloroethane	EPA 8260	< 0.5	ug/L	4032
1,1,1-Trichloroethane	EPA 8260	< 0.5	ug/L	4132
1,1,2-Trichloroethane	EPA 8260	< 0.5	ug/L	4032
1,1,2-Trichloroethane	EPA 8260	< 0.5	ug/L	4132
Trichloroethene	EPA 8260	< 0.5	ug/L	4032
Trichloroethene	EPA 8260	< 0.5	ug/L	4132
Trichlorofluoromethane	EPA 8260	< 0.5	ug/L	4032
Trichlorofluoromethane	EPA 8260	< 0.5	ug/L	4132
1,2,3-Trichloropropane	EPA 8260	< 0.5	ug/L	4032
1,2,3-Trichloropropane	EPA 8260	< 0.5	ug/L	4132
1,2,4-Trimethylbenzene	EPA 8260	< 0.5	ug/L	4032
1,2,4-Trimethylbenzene	EPA 8260	< 0.5	ug/L	4132
1,3,5-Trimethylbenzene	EPA 8260	< 0.5	ug/L	4032
1,3,5-Trimethylbenzene	EPA 8260	< 0.5	ug/L	4132
Vinyl Chloride	EPA 8260	< 0.5	ug/L	4032
Vinyl Chloride	EPA 8260	< 0.5	ug/L	4132
Lead, Dissolved	EPA 6020	< 0.004	mg/L	4103

Laboratory Known Analysis (LCS)

Analyte	Method	Recovery	Spike Amount	Units	Recovery Limits	Batch
TPH as Gasoline	EPA 8015/LUFT	82%	0.5	mg/L	60 - 140	3952
TPH as Gasoline	EPA 8015/LUFT	78%	0.5	mg/L	60 - 140	3952

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Quality Control Results

Order No.: 02119

Laboratory Known Analysis (LCS)

Analyte	Method	Recovery	Spike Amount	Units	Recovery Limits	Batch
Benzene	EPA 8260	105%	10	ug/L	80 - 120	4032
Benzene	EPA 8260	105%	10	ug/L	80 - 120	4032
Benzene	EPA 8260	102%	10	ug/L	80 - 120	4132
Benzene	EPA 8260	99%	10	ug/L	80 - 120	4132
Toluene	EPA 8260	106%	10	ug/L	80 - 120	4032
Toluene	EPA 8260	107%	10	ug/L	80 - 120	4032
Toluene	EPA 8260	101%	10	ug/L	80 - 120	4132
Toluene	EPA 8260	99%	10	ug/L	80 - 120	4132
Chlorobenzene	EPA 8260	104%	10	ug/L	80 - 120	4032
Chlorobenzene	EPA 8260	104%	10	ug/L	80 - 120	4032
Chlorobenzene	EPA 8260	101%	10	ug/L	80 - 120	4132
Chlorobenzene	EPA 8260	98%	10	ug/L	80 - 120	4132
1,1-Dichloroethene	EPA 8260	113%	10	ug/L	80 - 120	4032
1,1-Dichloroethene	EPA 8260	112%	10	ug/L	80 - 120	4032
1,1-Dichloroethene	EPA 8260	111%	10	ug/L	80 - 120	4132
1,1-Dichloroethene	EPA 8260	104%	10	ug/L	80 - 120	4132
Trichloroethene	EPA 8260	113%	10	ug/L	80 - 120	4032
Trichloroethene	EPA 8260	113%	10	ug/L	80 - 120	4032
Trichloroethene	EPA 8260	109%	10	ug/L	80 - 120	4132
Trichloroethene	EPA 8260	105%	10	ug/L	80 - 120	4132
Lead, Dissolved	EPA 6020	104%	0.1	mg/L	75 - 125	4103

Matrix Spike/Matrix Spike Duplicates

Analyte	Method	MS Rec.	MSD Rec.	RPD	Matrix Sample	Spike Amount	Units	Recovery Limits	RPD Limit	Batch
TPH as Diesel	EPA 8015/LUFT	64%	66%	2	blank	2.0	mg/L	50 - 150	30	4086
TPH as Gasoline	EPA 8015/LUFT	82%	82%	0	07-C4804	0.5	mg/L	60 - 140	30	3952
Benzene	EPA 8260	96%	92%	3	07-C4804	10	ug/L	70 - 130	20	4032
Benzene	EPA 8260	98%	98%	0	07-C4807	10	ug/L	70 - 130	20	4132
Toluene	EPA 8260	105%	101%	4	07-C4804	10	ug/L	70 - 130	20	4032
Toluene	EPA 8260	101%	102%	1	07-C4807	10	ug/L	70 - 130	20	4132
Chlorobenzene	EPA 8260	98%	94%	4	07-C4804	10	ug/L	70 - 130	20	4032
Chlorobenzene	EPA 8260	98%	99%	1	07-C4807	10	ug/L	70 - 130	20	4132
1,1-Dichloroethene	EPA 8260	101%	97%	4	07-C4804	10	ug/L	70 - 130	20	4032
1,1-Dichloroethene	EPA 8260	104%	100%	4	07-C4807	10	ug/L	70 - 130	20	4132
Trichloroethene	EPA 8260	108%	104%	4	07-C4804	10	ug/L	70 - 130	20	4032
Trichloroethene	EPA 8260	104%	108%	4	07-C4807	10	ug/L	70 - 130	20	4132
Lead, Dissolved	EPA 6020	101%	103%	2	07-C5029	0.1	mg/L	75 - 125	20	4103

Sample Duplicate

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

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Order No.: 02119

Sample Duplicate

Analyte	Method	Sample ID	Sample Value	Sample Duplicate	RPD	Units	RPD Limit	Batch
TPH as Gasoline	EPA 8015/LUFT	07-C4736	< 0.05	< 0.05	0	mg/L	30.	3952
Benzene	EPA 8260	07-C4739	< 0.5	< 0.5	0	ug/L	20.	4032
Benzene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
Toluene	EPA 8260	07-C4739	< 0.5	< 0.5	0	ug/L	20.	4032
Toluene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
Ethylbenzene	EPA 8260	07-C4739	< 0.5	< 0.5	0	ug/L	20.	4032
Ethylbenzene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
m,p-Xylene	EPA 8260	07-C4739	< 0.5	< 0.5	0	ug/L	20.	4032
m,p-Xylene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
o-Xylene	EPA 8260	07-C4739	< 0.5	< 0.5	0	ug/L	20.	4032
o-Xylene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
Methyl t-Butyl Ether (MTBE)	EPA 8260	07-C4739	0.90	0.80	12	ug/L	30.	4032
Methyl t-Butyl Ether (MTBE)	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	30.	4132
Chlorobenzene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
1,2-Dichlorobenzene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
1,3-Dichlorobenzene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
1,4-Dichlorobenzene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
1,2-Dichloroethane (EDC)	EPA 8260	07-C4739	< 0.5	< 0.5	0	ug/L	20.	4032
1,2-Dichloroethane (EDC)	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
1,2-Dibromoethane (EDB)	EPA 8260	07-C4739	< 0.5	< 0.5	0	ug/L	20.	4032
1,2-Dibromoethane (EDB)	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
Bromobenzene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
Bromochloromethane	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
Bromodichloromethane	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
Bromoform	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
Bromomethane	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	30.	4132
n-Butylbenzene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
sec-Butyl Benzene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
t-Butylbenzene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
Carbon Tetrachloride	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
Chloroethane	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	30.	4132
2-Chloroethylvinyl ether	EPA 8260	07-C4807	< 20	< 20	0	ug/L	30.	4132
Chloroform	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
Chloromethane	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	30.	4132
2-Chlorotoluene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
4-Chlorotoluene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
1,2-Dibromo-3-Chloropropane	EPA 8260	07-C4807	< 1	< 1	0	ug/L	30.	4132
Dibromochloromethane	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
Dibromomethane	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
Dichlorodifluoromethane	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	30.	4132
1,1-Dichloroethane	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
1,1-Dichloroethene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
cis-1,2-Dichloroethene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
trans-1,2-Dichloethene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132

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Quality Control Results

Order No.: 02119

Sample Duplicate

Analyte	Method	Sample ID	Sample Value	Sample Duplicate	RPD	Units	RPD Limit	Batch
1,2-Dichloropropane	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
1,3-Dichloropropane	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
2,2-Dichloropropane	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
1,1-Dichloropropene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
cis-1,3-Dichloropropene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
trans-1,3-Dichloropropene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
Hexachlorobutadiene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	30.	4132
Isopropylbenzene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
4-Isopropyltoluene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
Methylene Chloride	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	30.	4132
Naphthalene	EPA 8260	07-C4807	< 5	< 5	0	ug/L	30.	4132
n-Propylbenzene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
Styrene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
1,1,1,2-Tetrachloroethane	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
1,1,2,2-Tetrachloroethane	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
Tetrachloroethene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
1,2,3-Trichlorobenzene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
1,2,4-Trichlorobenzene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
1,1,1-Trichloroethane	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
1,1,2-Trichloroethane	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
Trichloroethene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
Trichlorofluoromethane	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	30.	4132
1,2,3-Trichloropropane	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	30.	4132
1,2,4-Trimethylbenzene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
1,3,5-Trimethylbenzene	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	20.	4132
Vinyl Chloride	EPA 8260	07-C4807	< 0.5	< 0.5	0	ug/L	30.	4132

Table 2 Summary of Groundwater Analytical Results (April 12, 2007)
Pacific Gas and Electric Oakland General Construction Yard
Oakland, California

		Total Petroleum Hydrocarbons Method 8015M			Dissolved Lead Method 6010B	Volatile Organic Compounds-Method 8260B															
Sample Name	Sample Date	TPHg µg/l	TPHd µg/l	TPHmo µg/l	µg/l	Benzene µg/l	Toluene µg/l	Ethyl-benzene µg/l	Xylenes µg/l	4-Isopropyl-benzene µg/l	Naph-thalene µg/l	MTBE µg/l	1,2,4-TCB µg/l	1,2-DCB µg/l	1,3-DCB µg/l	1,4-DCB µg/l	CB µg/l	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Other VOCs µg/l
OW-1	04/12/07	<50	110	200	<4	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1.0	1.6	1.8	19	64	4.6	0.8	10	11	ND
OW-2	04/12/07	<50	120	300	<4	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
OW-5	04/12/07	<50	180	500	<4	4.7	<0.5	<0.5	<0.5	0.7	5.3	<0.5	<0.5	<0.5	0.8	5.0	<0.5	<0.5	1.6	0.6	ND
OW-6	04/12/07	<50	160	400	<4	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	0.6	6.6	22	8.1	<0.5	12.0	9.6	ND
OW-7	04/12/07	<50	210	400	<4	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	32	16	130	460	70	<0.5	6.5	6.8	(1)
OW-8	04/12/07	<50	150	400	<4	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
FIELD BLANK	04/12/07	--	--	--	<4	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND

Notes:

OW-4 could not be sampled because a shipping container is located on the well.

µg/l = Micrograms per liter.
< = Not detected at or above the practical quantitation limit.
-- = Not analyzed
ND = Not detected above laboratory reporting limits. See laboratory analytical report for individual reporting limits (Appendix C).
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
(1) = 1,2-Dichloroethane was detected at 0.5 µg/l