Pacific Gas and Electric Company®

Anne P Conner
Sr. Remediation Manager
Environmental Remediation

3401 Crow Canyon Rd.
San Ramon, CA 94583

(925) 415-6381
(925) 415-6852
Apb1@pge.com

January 7th, 2009

Mr. Jerry Wickham

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

Subject: Transmittal of Semiannual Groundwater Monitoring Report, November 2008 Sampling Event, Pacific Gas and Electric Company, Oakland General Construction Yard, 4930 Coliseum Way, Oakland, California.

Dear Mr.Wickham:

Please find enclosed the *Semiannual Groundwater Monitoring Report, November 2008 Sampling Event, Pacific Gas and Electric Company, Oakland General Construction Yard, 4930 Coliseum Way, Oakland, California,* dated January 7th 2009. PG&E has retained ENTRIX, Inc., and Geomatrix Consultants, Inc. to perform groundwater monitoring and other technical studies at the subject site. The attached report was prepared by Innovative Technical Solutions, Inc. with review by Geomatrix on behalf of PG&E.

Please contact Yemia Hashimoto of Geomatrix at **(510) 663-4210** with any questions or comments pertaining to this report. For any other questions or requests regarding this site, please contact me at **(925) 415-6381**.

Sincerely yours,

Anne Conner

Anne Conner

Sr Remediation Project Manager
Pacific Gas and Electric Company

cc: Margarita Khavul, PG&E

SEMIANNUAL GROUNDWATER MONITORING REPORT

November 2008 Sampling Event

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

Prepared For:

Pacific Gas and Electric Company
3401 Crow Canyon Road
San Ramon, CA 94583

Prepared By:

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

January 2009

ITSI Project No: 07037.0018

Innovative Technical Solutions, Inc.

SEMIANNUAL GROUNDWATER MONITORING REPORT

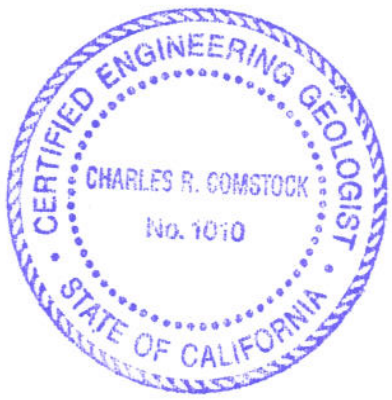
November 2008 Sampling Event

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:



Charles Comstock, P.G., C.E.G.
Senior Geologist

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

January 2009

ITSI Project No. 07037.0018

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF APPENDICES

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
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
PG&E	Pacific Gas and Electric Company
RL	reporting limit
RPD	relative percent difference
TPH	total petroleum hydrocarbons
TPHd	total petroleum hydrocarbons quantified as diesel
TPHg	total petroleum hydrocarbons quantified as gasoline
TPHmo	total petroleum hydrocarbons quantified as motor oil
UST	underground storage tank
VOC(s)	volatile organic compound(s)

1.0 INTRODUCTION

This report presents the results of semiannual groundwater monitoring completed on November 4, 2008, 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 November 4, 2008. Previous analytical results are tabulated 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 was 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. of San Jose, California, performed the groundwater-monitoring event on November 4, 2008. 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-4, OW-5, OW-6, OW-7, and OW-8, and were recorded in the Groundwater Purging and Sampling Logs (Appendix C). 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 in laboratory supplied containers from wells OW-1, OW-2, OW-4, OW-5, OW-6, OW-7, and OW-8. 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:

- 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;
- Total petroleum hydrocarbons quantified as diesel (TPHd), and TPH quantified as motor oil (TPHmo) using U.S. Environmental Protection Agency (EPA) Method 8015B with the silica gel cleanup method;
- 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. The COC was amended to add VOC analyses by 8260B to OW-7; and to delete TPH-g and add dissolved lead to OW-8. None of the tested analytes were detected in the field blank or laboratory reagent blank. The surrogate recoveries were within the laboratory acceptance limits. With the exception of the TPH-diesel matrix spike, recoveries of matrix spike/matrix spike duplicate (MS/MSD) were within the laboratory acceptance limits. The recovery for this sample was slightly below the lower QC limit due to matrix effects. The data was reported on the basis of acceptable recovery

of the laboratory control sample and the MSD (Appendix D). The relative percent differences (RPD) were within the laboratory acceptance limits.

5.0 GROUNDWATER MONITORING RESULTS

Groundwater level measurements collected during the November 4, 2008 monitoring event indicate that depth to water ranged from 3.61 to 7.05 feet below the top of casing. Based on these groundwater level measurements, the predominant groundwater flow direction was toward the south with an approximate hydraulic gradient of 0.002 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 seven monitoring wells sampled during the November 4, 2008 monitoring event indicate the following:

- TPHg was not detected above the reporting limit in samples collected from any of the seven wells. Analytical results for samples collected from wells OW-6 and OW-7 (located in the northern portion of the property) decreased from the May 2008 sampling event from concentrations of 50 and 560 µg/l, respectively to below the detection limit (<50 µg/l).
- TPHd was detected in samples collected from the seven wells sampled at the Site. TPHd concentrations in samples without silica gel cleanup ranged from 100 µg/l to 320 µg/l. After silica cleanup was performed, TPHd was detected in all samples but at reduced concentrations.
- TPHmo was detected in samples collected from all wells sampled at the site. However, after silica cleanup was performed, TPHmo was detected only in well OW-2. Concentrations in this well decreased from 400 µg/l to 140 µg/l. TPHmo concentrations in samples analyzed without silica gel cleanup ranged from 200 µg/l to 400 µg/l
- Dissolved lead analyzed in samples collected from wells OW-2, OW-5, and OW-8 was not detected above the laboratory method reporting limit of 4 µg/l.
- MTBE was detected at 0.8 µg/l in the sample collected from well OW-1; no other wells had detected concentrations of MTBE.
- Benzene was detected in the sample collected from well OW-5 at 1.2 µg/l. Toluene, ethylbenzene, and total xylenes were not detected in any of the wells sampled.
- VOCs, other than those described above, were detected in samples collected from wells OW-1, OW-5, OW-6, and OW-7. The highest concentrations of these other VOCs were found in the sample collected from well OW-7, located in the northern (upgradient) portion of the property.

Table 2 summarizes the laboratory analytical results. Figure 4 presents the results of the November 4, 2008 sampling event.

6.0 CONCLUSIONS

The direction of groundwater flow is generally consistent with and groundwater elevations are generally lower than the results of previous monitoring events. Overall, the analytical results of the November 4, 2008 groundwater monitoring event are consistent with the results of previous groundwater monitoring events.

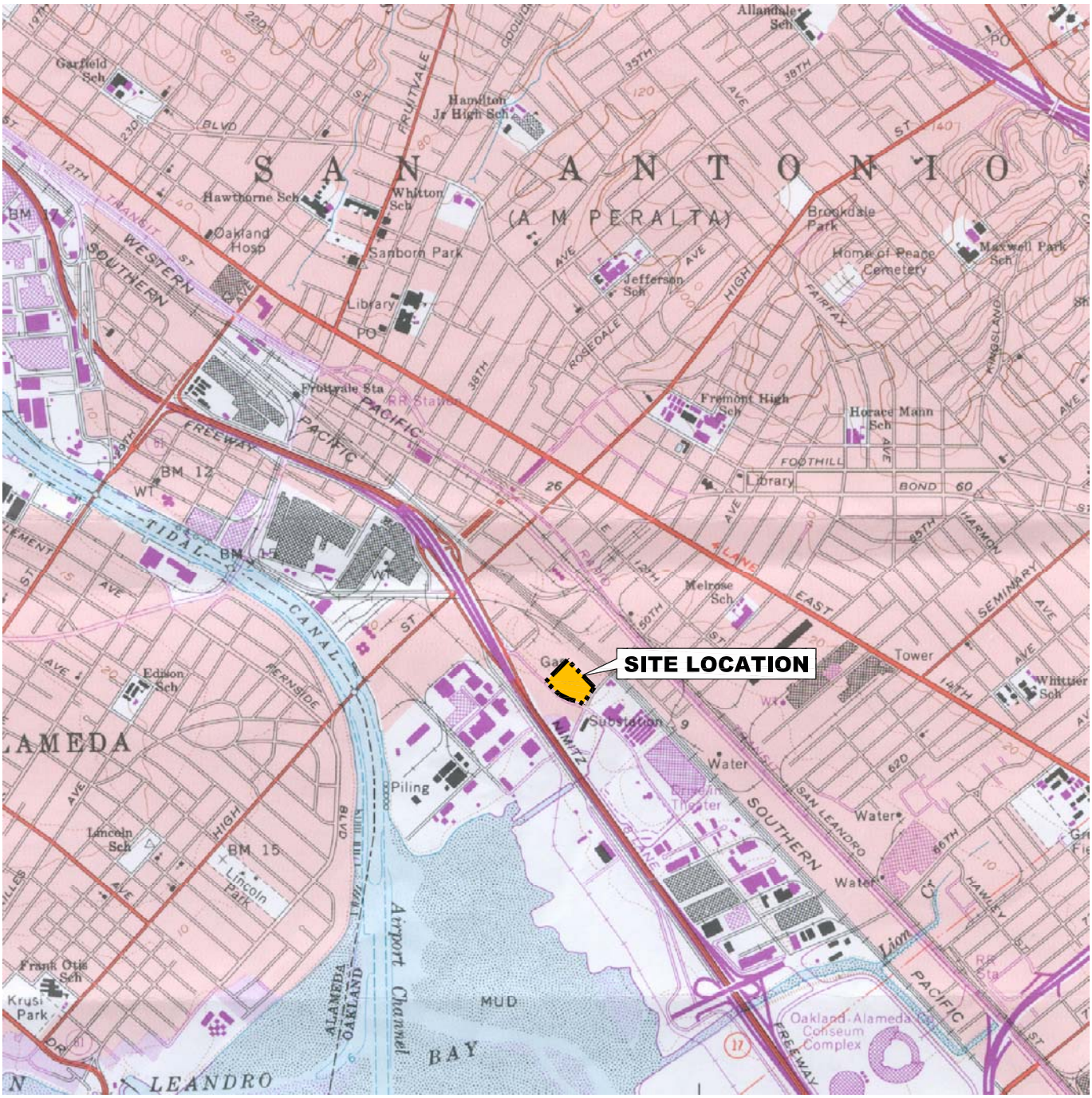
7.0 REFERENCES

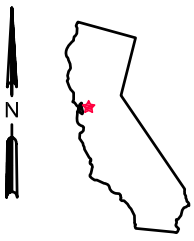
CSS Environmental Services, Inc., 2005, Semi-Annual Groundwater Monitoring Report, Pacific Gas and Electric General Construction Yard, 4930 Coliseum Way, Oakland, California, September 2.

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





1 1/2 0 1

SCALE IN MILE

1000 0 1000 2000 3000 4000 5000 6000 7000

SCALE IN FEET

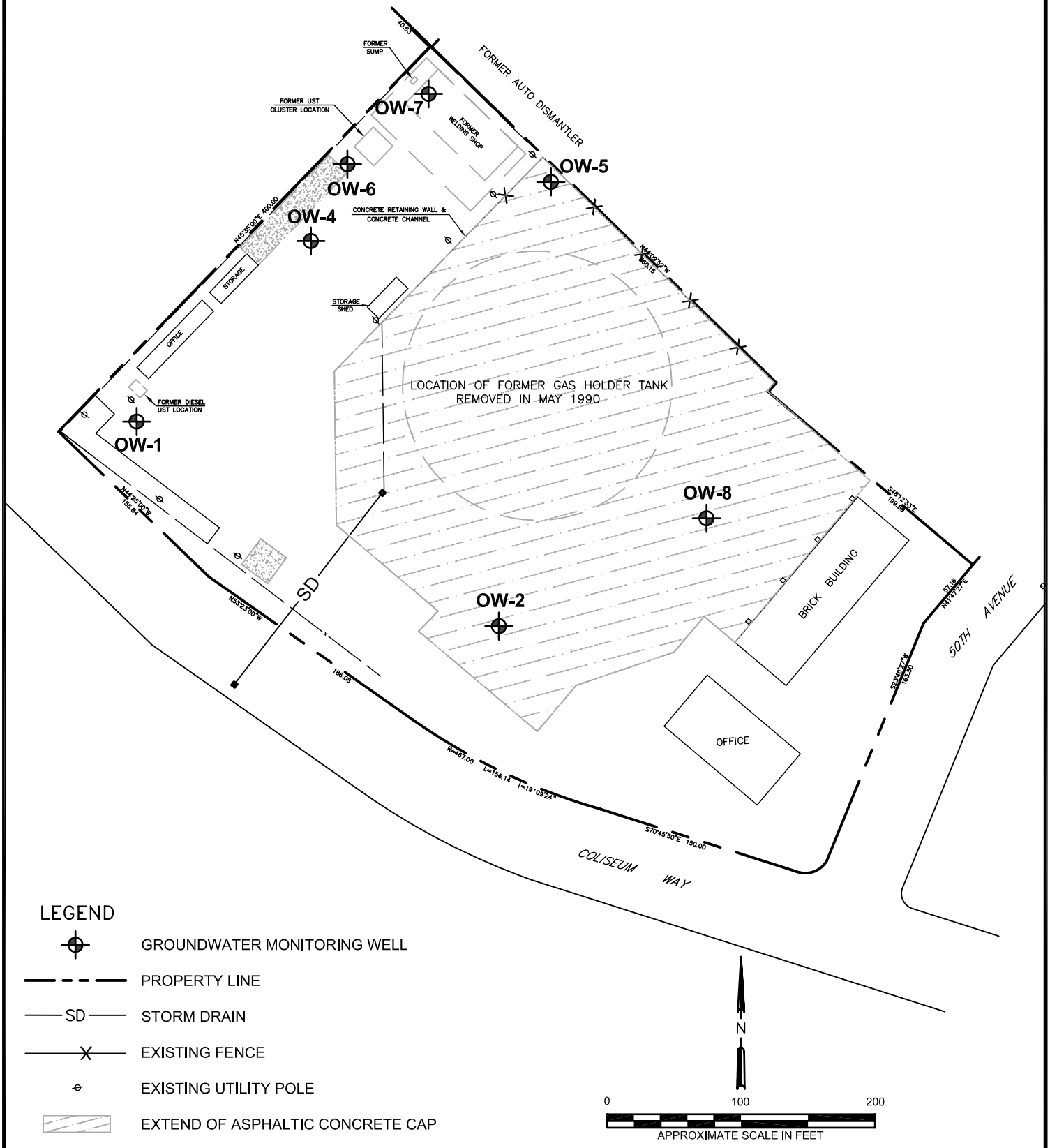
REFERENCE: USGS 7.5 MINUTE QUADRANGLE;
OAKLAND EAST, CALIFORNIA
PHOTOREVISED 1981

ITSI Innovative Technical Solutions, Inc.

Pacific Gas and Electric
Oakland General Construction Yard
Oakland, California

FIGURE 1
Site Vicinity Map

FILENAME: P:\07037 PG&E_Entrix\07037.0018 PGE-14 Oakland SC UST Program\10.0 CADD\400_CADD Current Drawings\07037.0018 OKLND SC Figure 1.dwg



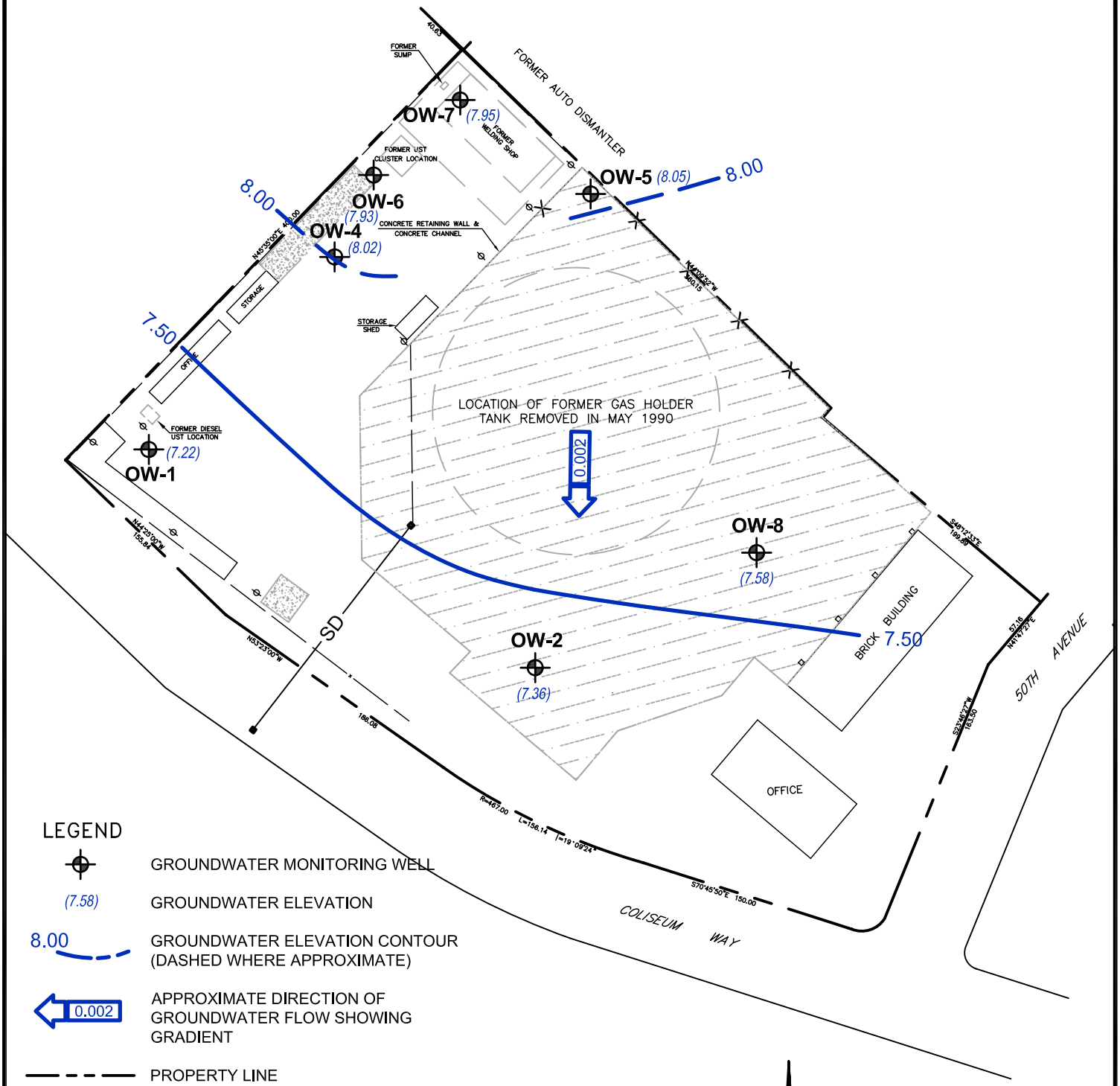
REFERENCE: BASE MAP BY CSS ENVIROMENTAL SERVICES, INC.
FIGURE 4.1 BY ES DATED 08/2005
JOB #6118; 01/1999

ITSI 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 PGE-14 Oakland SC UST Program\10.0 CADD\400_CADD Current Drawings\07037.0018 OKLND SC Figure 2-3-4.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 3
Groundwater Elevation Contours
(November 4, 2008)

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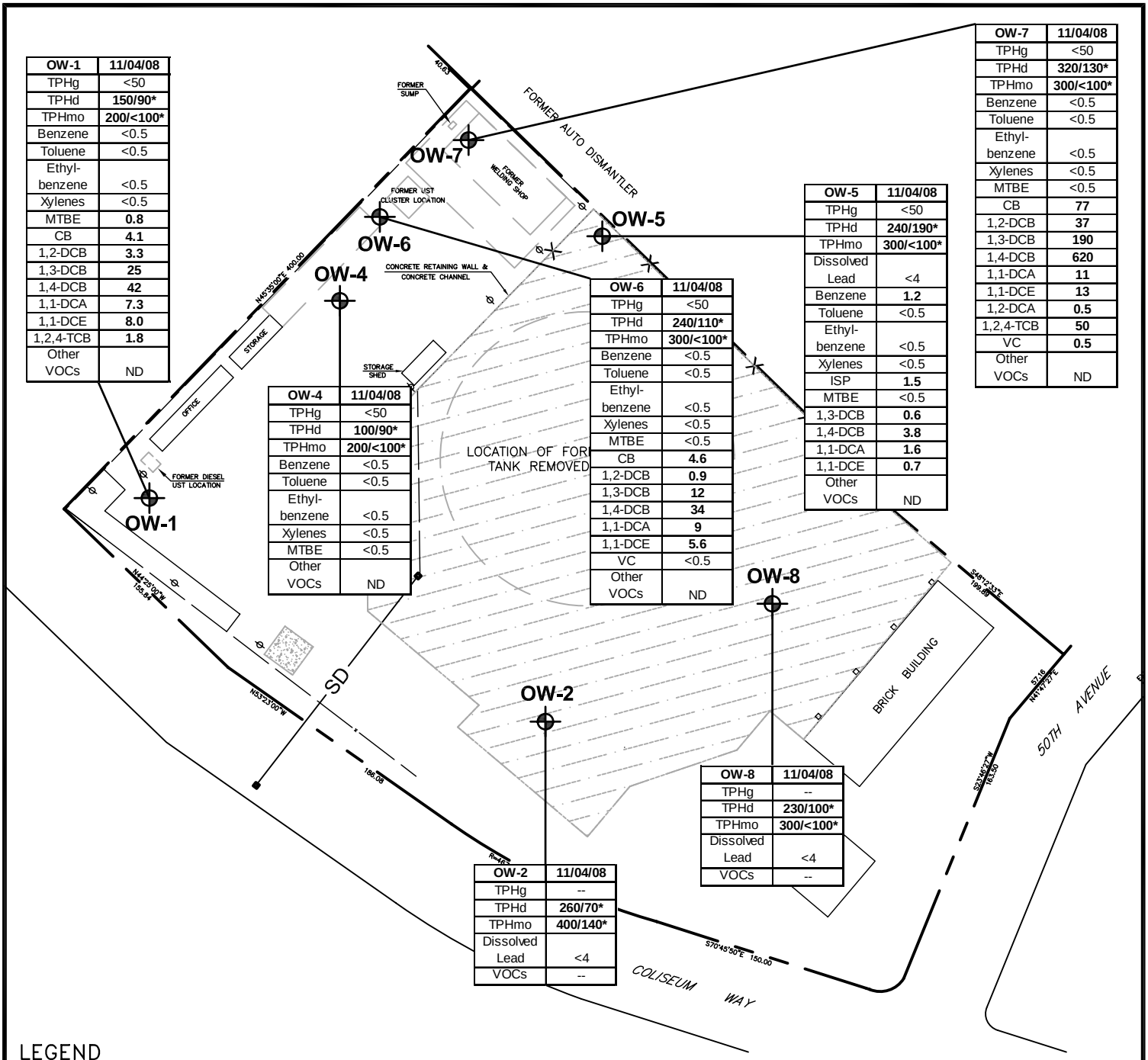

OW-1	11/04/08
TPHg	<50
TPHd	**150/90***
TPHmo	**200/<100***
Benzene	<0.5
Toluene	<0.5
Ethyl-benzene	<0.5
Xylenes	<0.5
MTBE	**0.8**
CB	**4.1**
1,2-DCB	**3.3**
1,3-DCB	**25**
1,4-DCB	**42**
1,1-DCA	**7.3**
1,1-DCE	**8.0**
1,2,4-TCB	**1.8**
Other VOCs	ND

OW-4	11/04/08
TPHg	<50
TPHd	**100/90***
TPHmo	**200/<100***
Benzene	<0.5
Toluene	<0.5
Ethyl-benzene	<0.5
Xylenes	<0.5
MTBE	<0.5
Other VOCs	ND

OW-6	11/04/08
TPHg	<50
TPHd	**240/110***
TPHmo	**300/<100***
Benzene	<0.5
Toluene	<0.5
Ethyl-benzene	<0.5
Xylenes	<0.5
MTBE	<0.5
CB	**4.6**
1,2-DCB	**0.9**
1,3-DCB	**12**
1,4-DCB	**34**
1,1-DCA	**9**
1,1-DCE	**5.6**
VC	<0.5
Other VOCs	ND

OW-5	11/04/08
TPHg	<50
TPHd	**240/190***
TPHmo	**300/<100***
Dissolved Lead	<4
Benzene	**1.2**
Toluene	<0.5
Ethyl-benzene	<0.5
Xylenes	<0.5
ISP	**1.5**
MTBE	<0.5
1,3-DCB	**0.6**
1,4-DCB	**3.8**
1,1-DCA	**1.6**
1,1-DCE	**0.7**
Other VOCs	ND

OW-7	11/04/08
TPHg	<50
TPHd	**320/130***
TPHmo	**300/<100***
Benzene	<0.5
Toluene	<0.5
Ethyl-benzene	<0.5
Xylenes	<0.5
MTBE	<0.5
CB	**77**
1,2-DCB	**37**
1,3-DCB	**190**
1,4-DCB	**620**
1,1-DCA	**11**
1,1-DCE	**13**
1,2-DCA	**0.5**
1,2,4-TCB	**50**
VC	**0.5**
Other VOCs	ND

OW-8	11/04/08
TPHg	--
TPHd	**230/100***
TPHmo	**300/<100***
Dissolved Lead	<4
VOCs	--

OW-2	11/04/08
TPHg	--
TPHd	**260/70***
TPHmo	**400/140***
Dissolved Lead	<4
VOCs	--

LEGEND

- OW-1 — MONITORING WELL
- PROPERTY LINE
- SD — STORM DRAIN
- EXISTING CHAIN LINK FENCE
- EXISTING UTILITY POLE
- EXTENT OF ASPHALTIC CONCRETE CAP
- * — SILICON GEL CLEANUP METHOD RESULT

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
DIPE	Di-isopropyl Ether
ISP	Isopropylbenzene
--	Not analyzed
Bold	Detected at value Shown

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)

ITSI Innovative Technical Solutions, Inc.

Pacific Gas and Electric
Oakland General Construction Yard
Oakland, California

FIGURE 4
Groundwater Analytical Results
(November 4, 2008)

FILENAME: P:\07037 PG&E_Entrix\07037.0018 PGE-14 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	11/4/2008	11.82	4.60	7.22
OW-2	11/4/2008	11.24	3.88	7.36
OW-4	11/4/2008	12.82	4.80	8.02
OW-5	11/4/2008	13.24	5.19	8.05
OW-6	11/4/2008	13.61	5.68	7.93
OW-7	11/4/2008	15.00	7.05	7.95
OW-8	11/4/2008	11.19	3.61	7.58

Notes:

TOC = top of casing
MSL = Mean Sea Level
bgs = below ground surface
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 (November 4, 2008)
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	Isopropyl-benzene µg/L	Naphthalene µg/L	MTBE µg/L	1,2,3-TCB µg/L	1,2,4-TCB µg/L	1,3,5-TMB µg/L	1,2-DCA 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	DIPE µg/L	VC µg/L	Other VOCs µg/L
OW-1	11/04/08	<50	**150/90***	**200/**<100*	--	<0.5	<0.5	<0.5	<0.5	<0.5	<5	**0.8**	<0.5	**1.8**	<0.5	<0.5	**3.3**	**25**	**42**	**4.1**	<0.5	**7.3**	**8.0**	--	<0.5	ND
OW-2	11/04/08	--	**260/70***	**400/140***	<4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OW-4	11/04/08	<50	**100/90***	**200/**<100*	--	<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	--	<0.5	ND
OW-5	11/04/08	<50	**240/190***	**300/**<100*	<4	**1.2**	<0.5	<0.5	<0.5	**1.5**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.6**	**3.8**	<0.5	<0.5	**1.6**	**0.7**	--	<0.5	ND
OW-6	11/04/08	<50	**240/110***	**300/**<100*	--	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.9**	**12**	**34**	**4.6**	<0.5	**9.0**	**5.6**	--	<0.5	ND
OW-7	11/04/08	<50	**320/130***	**300/**<100*	--	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	**50**	<0.5	**0.5**	**37**	**190**	**620**	**77**	<0.5	**11**	**13**	--	**0.5**	ND
OW-8	11/04/08	--	**230/100***	**300/**<100*	<4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
FIELD BLANK	11/04/08	--	--	--	<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	<0.5	<0.5	<0.5	<0.5	<0.5	ND

Notes:

µg/L = Micrograms per liter.
< = Not detected at or above the practical quantitation limit.
-- = Not analyzed
ND = Not detected 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
1,2-DCA = 1,2-Dichloroethane
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
DIPE = Diisopropyl Ether
TCE = Trichloroethene
1,2,4-TMB = 1,2,4-Trimethylbenzene
1,3,5-TMB = 1,3,5-Trimethylbenzene
VC = Vinyl Chloride
* = TPHd/TPHmo analyzed using silica gel cleanup

APPENDIX A

Historical Groundwater Analytical Results

Innovative Technical Solutions, Inc.

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

Historical Groundwater Analytical Data

Well ID	MCL	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	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:
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Historical Groundwater Analytical Data

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

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

Historical Groundwater Analytical Data

Well ID	MCL	OW-3	OW-3	OW-3	OW-3	OW-3	OW-3	OW-3	OW-3	OW-3	OW-3	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6
Date	ug/L	Apr-88	Jun-88	Oct-89	Jan-90	Apr-90	Jul-90	Oct-90	Jan-91	Apr-91	Jul-91	Dec-91	Mar-92	Jul-92	Oct-92	Jan-93	Jul-93	Oct-93	Jan-94	Jul-94	Jun-95	Nov-95	Jun-96	Oct-96	Apr,Jun-97	Dec-97	Jun-98	Dec-98	Jun-99	Nov-99
PURGEABLE HALOCARBONS																													
Chloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5#	ND	ND	ND	ND	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	49	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	150	ND	ND	ND	ND	ND	ND	ND	ND	0.82	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	4	5	28	29	14	17	17	15	15	41	ND	1	2	2	10	23	NA	7	17	31	8.8	10	5.4	7	7.7	3.3	4.5	2.1	3.1
cis-1,2-Dichloroethene	6	NA	NA	ND	ND	33	ND	1	1	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	10	ND	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100#	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	1200	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.5	ND	ND	ND	ND	ND	ND	ND	ND	0.55	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	3.8	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND	ND	ND	ND	ND	ND	10	15	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND
2-Chloroethylvinyl Ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND
Bromoform	100#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	1.4	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	ND	1	ND	ND	ND	ND	ND	1	2.3	2	5.7	ND	ND	ND	ND	ND	NA	NO	2	4.5	ND	5.2	1	4.5	28	9.1	5.3	ND	1.9
1,3-Dichlorobenzene		NA	NA	NA	3	ND	2	2	1	3.3	ND	15	ND	ND	ND	ND	ND	NA	NO	ND	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:
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-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)
8) Purgeable Aromatics (EPA method 8020)
9) NA = Not Analyzed or analysis not required
10) 6/17/02 Samples analyzed for VOCs out of holding time due to laboratory error

APPENDIX B

Field Procedures for Low-Flow Purging and Sampling

Innovative Technical Solutions, Inc.

FIELD PROCEDURES FOR LOW-FLOW PURGING AND SAMPLING

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 ml/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

WELLHEAD INSPECTION CHECKLIST

Date 11/4/08 Client AMEC

Site Address Coliseum Wy., Oakland

Job Number 081104-PC1 Technician P. Cornish

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	X			X				
OW-4	X	X Inside container						
OW-5	X							
OW-6		1/3 tabs stripped						
OW-7	X	X						
OW-8	X							

NOTES:

WELL GAUGING DATA

Project # 021105-PC1 Date 11/4/08 Client AMEC

Site PG&E Coliseum Wy., 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	922	2					4.60	18.05		
OW-~~3~~ 2	940	2					3.88	20.25		
OW-5	931	2					5.19	19.05		
OW-4	926	2					4.80	19.50 ~~17.7~~		
OW-6	934	2					~~5.66~~	17.20		
OW-7	1000	2					7.05	18.15		
OW-8	950	2					3.61 ~~5.66~~	17.94		

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME AMEC @ PG&E Coliseum Wy, Oakland				PROJECT NUMBER 081104-PC1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP. C°	INITIALS
YSI 556	05K 1408 AE	11/4/08 725	DO → 100%	98%	Y	20.1	PC
			H₂O pH	pH		18.60	
			7.0 6.90	6.90		18.40	
			10.0 10.02	10.09		18.21	
		ORP 231	mV @ 25 C°	246.7 mV		17.89	
			3900 µS	38.35 µS		18.01	
Hach Turbidimeter	0807 0C031446		800 NTU 565	563 NTU		—	
		↓	0.0 54	54			
			100 6	6	↓	—	↓
			800				

LOW FLOW WELL MONITORING DATA SHEET

Project #: 081104-PC1	Client: AMEC
Sampler: PC	Date: 11/4/08
Well I.D.: OW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 18.05	Depth to Water Pre: 4.60 Post:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

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

Flow Rate: 300 ml/min 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)	Observations
1022	22.01	6.53	826	10	0.88	210 ~~0.88~~	initial	(4L) DTW
1025	22.08	6.56	833	1	0.81	212	1900	4.66
1028	22.10	6.50	836	2	0.80	216	1800	4.69
1031	22.10	6.51	837	2	0.80	218	2700	4.69
1034	22.12	6.51	837	2	0.77	220	3600	4.69

Did well dewater? Yes (No) Amount actually evacuated: 3.6L

Sampling Time: 1050 Sampling Date: 11/4/08

Sample I.D.: ~~OW-1-110408~~ OW-1-112008 Laboratory: Cook

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 081104-PC1	Client: AMEC
Sampler: PC	Date: 11/4/08
Well I.D.: OW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 20.25	Depth to Water Pre: 3.88 Post:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

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

Flow Rate: 300 ml/min 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)	Observations
1252	22.10	6.15	811	8	0.96	22.5	initial	(ft.) DTW
1255	22.12	6.18	814	7	0.98	22.0	900	3.96
1258	22.12	6.22	817	7	0.97	20.1	1800	3.97
1301	22.15	6.22	817	5	0.97	20.0	2700	3.97
1304	22.14	6.25	818	1	0.96	20.2	3600	3.97

Did well dewater? Yes (No)	Amount actually evacuated: 3.6 L
Sampling Time: 1310	Sampling Date: 11/4/08
Sample I.D.: OW-2-110408	Laboratory: Creek
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: see COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 081104-PCL	Client: AMEC
Sampler: PC	Date: 11/4/08
Well I.D.: GW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 19.50	Depth to Water Pre: 4.80 Post:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

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

Flow Rate: 300 ml/min Pump Depth: 15'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Observations
1102	20.74	6.59	769	9	0.96	164.2	initial	(ft.) BTW
1105	20.70	6.59	760	2	0.92	166.2	900	4.86
1108	20.71	6.59	761	3	0.90	165.3	1800	4.86
1111	20.71	6.61	761	3	0.90	165.0	2700	4.86
1114	20.70	6.61	760	2	0.89	161.1	3600	4.86

Did well dewater? Yes (No)	Amount actually evacuated: 3.6 L
Sampling Time: 1122	Sampling Date: 11/4/08
Sample I.D.: GW-4-112008	Laboratory: Cweek
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 081104-PL1	Client: AMEC
Sampler: PL	Date: 11/4/08
Well I.D.: OW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 19.05	Depth to Water Pre: 5.19 Post:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

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

Flow Rate: 300 ml/min Pump Depth: 11.5

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Observations
1142	22.13	6.66	801	8	0.81	-13.0	initial	(FL) DW:
1145	22.12	6.60	800	7	0.80	-10.0	900	5.22
1148	22.10	6.60	802	5	0.75	-1.0	1800	5.25
1151	22.08	6.61	802	5	0.60	-1.0	2700	5.26
1154	22.10	6.65	805	4	0.59	2	3600	5.26
1157	22.10	6.64	806	2	0.59	2	4500	5.26

Did well dewater? Yes (X) No Amount actually evacuated: 4.5L

Sampling Time: 1205 Sampling Date: 11/4/08

Sample I.D.: OW-5-112008 Laboratory: Creek

Analyzed for: TPH-G BTEX MTBE TPH-D Other: see COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 061104-R1	Client: AMEC
Sampler: RC	Date: 11/4/08
Well I.D.: OW-6	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 17.20	Depth to Water Pre: 5.68 Post:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

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

Flow Rate: 300 ml/min Pump Depth: ~12.5'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Observations
1218	22.10	6.51	809	12	1.11	12	initial	(ft) DTW
1221	22.02	6.50	811	8	1.02	21	900	5.69
1224	22.00	6.51	820	8	0.96	24	1800	5.69
1227	22.00	6.51	823	5	0.96	25	2700	5.71
1230	21.96	6.54	824	4	0.95	26	3600	5.71

Did well dewater? Yes (No)	Amount actually evacuated: 3.6L
Sampling Time: 1235	Sampling Date: 11/4/08
Sample I.D.: OW-6-112008	Laboratory: Creek
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: see COC
Equipment Blank I.D.: FB-112008 @ Time 1230	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 081104-001	Client: AMEC
Sampler: PC	Date: 11/4/08
Well I.D.: OW-7	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 18.05	Depth to Water Pre: 7.05 Post:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

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

Flow Rate: 300 ml/min Pump Depth: 12.5

Time	Temp. (°C or °F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	Observations
1422	22.32	6.73	835	6	1.10	-14.7	initial	(FP) DTW:
1425	22.35	6.73	836	4	0.87	-2.1	900	7.11
1428	22.36	6.70	830	5	0.87	11	1800	7.11
1431	22.36	6.71	826	5	0.85	14	2700	7.11
1434	22.35	6.71	825	1	0.84	15	3600	7.12

Did well dewater? Yes (No)	Amount actually evacuated: 3.6L
Sampling Time: 1440	Sampling Date: 11/4/08
Sample I.D.: OW-7-112008 MS/MSD	Laboratory: Creek
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: SEE COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 081104-PC1	Client: AMEC
Sampler: PC	Date: 11/4/08
Well I.D.: OW-8	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 17.94	Depth to Water Pre: 3.61 Post:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

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

Flow Rate: 300 ml/min Pump Depth: 13

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Observations
1325	22.42	6.40	1139	1	4.78	199.2	initial	(FL) DTW
1328	22.88	6.38	1122	1	3.01	186.1	900	3.66
1331	22.91	6.30	1120	1	0.97	182.1	1800	3.66
1334	22.96	6.29	1115	2	0.96	183.6	2700	3.66
1337	22.96	6.29	1109	2	0.97	184.1	3600	3.66

Did well dewater? Yes (No)	Amount actually evacuated: 3.6L
Sampling Time: 1350	Sampling Date: 11/4/08
Sample I.D.: OW-8-112008	Laboratory: Creek
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: see COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

SPH or Purge Water Drum Log

Client: Geomatrix

Site Address: 4930 Coliseum Way Oakland

STATUS OF DRUM(S) UPON ARRIVAL

Date	12-20-06	4-12-07	11/6/07	05/06/08	11/4/08	
Number of drum(s) empty:						
Number of drum(s) 1/4 full:						
Number of drum(s) 1/2 full:			1	1		
Number of drum(s) 3/4 full:	1					
Number of drum(s) full:			2	0		
Total drum(s) on site:	1	0	3	1	0	
Are the drum(s) properly labeled?	y		Y	y	–	
Drum ID & Contents:			purge water	purge water	–	
If any drum(s) are partially or totally filled, what is the first use date:			12/06	–	–	

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

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

-All BTS drums MUST be labeled appropriately.

STATUS OF DRUM(S) UPON DEPARTURE

Date	12-20-06	4-12-07		05/06/08	11/4/08	
Number of drums empty:						
Number of drum(s) 1/4 full:					1	
Number of drum(s) 1/2 full:	1	1	3	1		
Number of drum(s) 3/4 full:	1		1			
Number of drum(s) full:			2			
Total drum(s) on site:	2	2	3	1	1	
Are the drum(s) properly labeled?	y	y	Y	y	Y	
Drum ID & Contents:		Purge water	→	→	→	

LOCATION OF DRUM(S)

Describe location of drum(s): Near Material Room
30 gal inside 55 gal Drum 11/4/08

FINAL STATUS

Number of new drum(s) left on site this event	2 (1.55 gl 1.30 gl)	2 (1.55 gl 1.30 gl)	0	1	1*	
Date of inspection:	12-20-06	4-12-07	11/6/07	05/06/08	11/4/08	
Drum(s) labelled properly:	y	y	Y	y	Y	
Logged by BTS Field Tech:	DW	DW	CF	MD	RC	
Office reviewed by:						

APPENDIX D

Laboratory Analytical Reports and Chain-of-Custody Documentation

Innovative Technical Solutions, Inc.

P5792

BLAINE
TECH SERVICES, INC.

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

CHAIN OF CUSTODY BTS # 081104-PC1

CLIENT: AMEC Geomatrix

SITE: PG&E
4930 Coliseum Way
Oakland, CA

LAB: Creek | DHS #

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

SPECIAL INSTRUCTIONS: 4 oc

Invoice to : AMEC Geomatrix

Report to : AMEC Geomatrix Attn: Yemia Hashimot

cc: ITSI Attn: Kim Tom

Project: PG&E Coliseum Way

C = COMPOSITE ALL CONTAINERS

CONDUCT ANALYSIS TO DETECT

SAMPLE I.D.	DATE	TIME	MATRIX S= SOIL W=H_2O	CONTAINERS TOTAL	C	VOCs (8260B)	TPH-D & TPHMO (8015m) (Silica gel cleanup required prior to analyzing)	TPH-D (8015M)	TPH-Motor Oil (8015)	TPH-Gas (8015M)	Diss. Lead (6010) Field Filtered	MS/MSD	TPH-Motor Oil 8015m w/silica gel cleanup	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
OW-1-112008	11/4/08	1050	W	7		X	X	X	X	X			X	VV/HCl A B C D E F	AG/unp/LITRE G		15481
OW-2-112008		1310		2			X	X	X		X		X	AG/unp/LITRE A	P/HNO3/250 B		15482
OW-4-112008		1122		7		X	X	X	X	X	X		X	VV/HCl A, B, C, D, E, F	AG/unp/LITRE G		15483
OW-5-112008		1205		6		X	X	X	X	X	X		X	VV/HCl A B C D	AG/unp/LITRE E	P/HNO3/250 F	15484
OW-6-112008		1325		7		X	X	X	X	X	X		X	VV/HCl A B C D E F G H	AG/unp/LITRE W		15485
OW-7-112008		1440		11	Added per fax	X	X	X	X	X	X	X	X	VV/HCl A B C D E F G H	AG/unp/LITRE I J K		15486
OW-8-112008		1350		2	W		X	X	X	X	X		X	AG/unp/LITRE A	P/HNO3/250 B		15487
FB-112008		1230		3		X					X			VV/HCl A B	P/HNO3/250 C		15488
									CANCEL		Add						
									per FAX Attached								
											11-7-8						

SAMPLING COMPLETED	DATE	TIME
	11/4/08	1345

SAMPLING PERFORMED BY: L. Cornish

RESULTS NEEDED NO LATER THAN: Standard TAT

	DATE	TIME		DATE	TIME
RELEASED BY: 1 Yemia # 4210 510 663 4114			RECEIVED BY: Kim Wacker	11/5/08	9:00
RELEASED BY: For 510 663			RECEIVED BY		
RELEASED BY			RECEIVED BY		

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #
Cal Overnight	11/4/08	1630	

BLAINE
TECH SERVICES, INC.

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

P5792

CHAIN OF CUSTODY BTS # 081104-PC

CLIENT: AMEC Geomatrix

SITE: PG&E
4930 Coliseum Way
Oakland, CA

LAB: Creek | DHS #

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

SPECIAL INSTRUCTIONS

Invoice to : AMEC Geomatrix

Report to : AMEC Geomatrix Attn: Yemia Hashimot

cc: ITSI Attn: Kim Tom

Project: PG&E Coliseum Way

C = COMPOSITE ALL CONTAINERS

CONDUCT ANALYSIS TO DETECT

SAMPLE I.D.	DATE	TIME	MATRIX S=SOIL W=H_2O	CONTAINERS TOTAL	C	VOCs (8260B)	TPH-D & TPHMO (8015m) (Silica gel cleanup required prior to analyzing)	TPH-D (8015M)	TPH-Motor Oil (8015)	TPH-Gas (8015M)	Diss. Lead (6010) Field Filtered	MS/MSD	TPH-Motor Oil 8015m with Silica Gel Cleanup	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
OW-1-112008	11/4/08	1050	W	7		X	X	X	X	X			X				15481
OW-2-112008		1310		2			X	X	X		X		X				15482
OW-4-112008		1122		7		X	X	X	X	X	X		X				15483
OW-5-112008		1205		6		X	X	X	X	X	X		X				15484
OW-6-112008		1325		7		X	X	X	X	X	X		X				15485
OW-7-112008		1440		11		X	X	X	X	X	X	X	X				15486
OW-8-112008		1350		2			X	X	X	[redacted]	X		X	PLEASE ANALYZE DISS LEAD. NO TPH-G			15487
FB-112008		1330		3		X					X						15488

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY
	11/4/08	1915	L. Cornish

RESULTS NEEDED NO LATER THAN: Standard TAT

	DATE	TIME		DATE	TIME
RELEASED BY			RECEIVED BY		
RELEASED BY			RECEIVED BY		
RELEASED BY			RECEIVED BY		

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #
Fed Overnight	11/4/08	1630	

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

Date: December 1, 2008

CASE NARRATIVE P5792

Client: **Amec Geomatrix**
Project: **PG&E 4930 Coliseum Way**
Sample(s): **08-C15481 to 08-C15488**
Sampled: **11/04/08** **Received: 11/05/08**

Samples 08-C15481 to 08-C15488 were received at the laboratory at 4°C, with no anomaly. Subsequent to sample receipt, the following changes were made to the request for analysis per client's instructions:

- For sample 08-C15486 (OW-7-112008), VOCs analysis by 8260B was added.
- For sample 08-C15487 (OW-8-112008), TPH-gasoline was deleted and Dissolved Lead was added.

VOC was analyzed by PAT/GC/MS method (EPA 5030B/8260B). TPH-gasoline was analyzed by PAT/GC/FID method (EPA 5030B/8015M). TPH-diesel/motor oil was extracted with liquid-liquid extraction (EPA 3510C) and analyzed by GC/FID method (EPA 8015M). The extracts were then treated with silica gel cleanup (EPA 3630C) and then reanalyzed for TPH-diesel/motor oil by EPA 8015M method.

All samples were extracted and analyzed within holding time. All analytical quality control parameters were within acceptable limits except for the following remarks:

- The TPH-diesel matrix spike (MS) recovery for sample 08-C15486 was slightly below the lower QC limit due to matrix effects. The data was reported on the basis of acceptable recovery of the LCS and MSD.
- The 8260 surrogate recoveries of 4-BFB in both 08-C15486 MS and MSD were slightly over the upper QC limit due to matrix effects.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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Yemia Hashimoto
AMEC Geomatrix
2101 Webster St., 12th Floor
Oakland, CA 94612

Log Number: 08-C15481
Order: P5792
Project: PG&E Coliseum Way
Received: 11/05/08
Printed: 12/01/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-1-112008	P. Cornish	11/04/08@10:50	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Motor Oil	0.2	0.1	1	mg/L	EPA 8015/LUFT	11/08/08	11/08/08	3413
TPH as Diesel	0.15	0.05	1	mg/L	EPA 8015/LUFT	11/08/08	11/08/08	3413
TPH as Diesel, SGT	0.09	0.05	1	mg/L	EPA 8015/LUFT	11/24/08	11/08/08	3588
TPH as Motor Oil, SGT	Not Detected	0.1	1	mg/L	EPA 8015/LUFT	11/24/08	11/08/08	3588
TPH as Gasoline	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	11/10/08		3249
Benzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Methyl t-Butyl Ether (MTBE)	0.8	0.5	1	ug/L	EPA 8260	11/13/08		3190
Chlorobenzene	4.1	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2-Dichlorobenzene	3.3	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,3-Dichlorobenzene	25	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,4-Dichlorobenzene	42	5	10	ug/L	EPA 8260	11/14/08		3193
1,2-Dichloroethane (EDC)	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Chloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
2-Chloroethylvinyl ether	Not Detected	20	1	ug/L	EPA 8260	11/13/08		3190
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190

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Yemia Hashimoto
AMEC Geomatrix
2101 Webster St., 12th Floor
Oakland, CA 94612

Log Number: 08-C15481
Order: P5792
Project: PG&E Coliseum Way
Received: 11/05/08
Printed: 12/01/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-1-112008	P. Cornish	11/04/08@10:50	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
2-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	11/13/08		3190
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1-Dichloroethane	7.3	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1-Dichloroethene	8.0	0.5	1	ug/L	EPA 8260	11/13/08		3190
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Isopropylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
4-Isopropyltoluene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Methylene Chloride	Not Detected	5	1	ug/L	EPA 8260	11/13/08		3190
Naphthalene	Not Detected	5	1	ug/L	EPA 8260	11/13/08		3190
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2,3-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2,4-Trichlorobenzene	1.8	0.5	1	ug/L	EPA 8260	11/13/08		3190

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Yemia Hashimoto
AMEC Geomatrix
2101 Webster St., 12th Floor
Oakland, CA 94612

Log Number: 08-C15481
Order: P5792
Project: PG&E Coliseum Way
Received: 11/05/08
Printed: 12/01/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-1-112008	P. Cornish	11/04/08@10:50	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
1,1,1-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2,4-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,3,5-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Vinyl Chloride	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190

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

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
A Minority-owned Business Enterprise
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Yemia Hashimoto
AMEC Geomatrix
2101 Webster St., 12th Floor
Oakland, CA 94612

Log Number: 08-C15482
Order: P5792
Project: PG&E Coliseum Way
Received: 11/05/08
Printed: 12/01/08

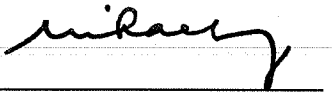
REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-2-112008	P. Cornish	11/04/08@13:10	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Motor Oil	0.4	0.1	1	mg/L	EPA 8015/LUFT	11/08/08	11/08/08	3413
TPH as Diesel	0.26	0.05	1	mg/L	EPA 8015/LUFT	11/08/08	11/08/08	3413
TPH as Diesel, SGT	0.07	0.05	1	mg/L	EPA 8015/LUFT	11/24/08	11/08/08	3588
TPH as Motor Oil, SGT	0.14	0.1	1	mg/L	EPA 8015/LUFT	11/24/08	11/08/08	3588
Lead, Dissolved	Not Detected	0.004	1	mg/L	EPA 6020	11/14/08		3215

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

CREEK ENVIRONMENTAL LABORATORIES



Lab Director, Michael Ng

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Yemia Hashimoto
AMEC Geomatrix
2101 Webster St., 12th Floor
Oakland, CA 94612

Log Number: 08-C15483
Order: P5792
Project: PG&E Coliseum Way
Received: 11/05/08
Printed: 12/01/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-4-112008	P. Cornish	11/04/08@11:22	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Motor Oil	0.2	0.1	1	mg/L	EPA 8015/LUFT	11/08/08	11/08/08	3413
TPH as Diesel	0.10	0.05	1	mg/L	EPA 8015/LUFT	11/08/08	11/08/08	3413
TPH as Diesel, SGT	0.09	0.05	1	mg/L	EPA 8015/LUFT	11/24/08	11/08/08	3588
TPH as Motor Oil, SGT	Not Detected	0.1	1	mg/L	EPA 8015/LUFT	11/24/08	11/08/08	3588
TPH as Gasoline	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	11/10/08		3249
Benzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Methyl t-Butyl Ether (MTBE)	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Chlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,3-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,4-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2-Dichloroethane (EDC)	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Chloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
2-Chloroethylvinyl ether	Not Detected	20	1	ug/L	EPA 8260	11/13/08		3190
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190

CREEK ENVIRONMENTAL LABORATORIES, INC.
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Yemia Hashimoto
AMEC Geomatrix
2101 Webster St., 12th Floor
Oakland, CA 94612

Log Number: 08-C15483
Order: P5792
Project: PG&E Coliseum Way
Received: 11/05/08
Printed: 12/01/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-4-112008	P. Cornish	11/04/08@11:22	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
2-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	11/13/08		3190
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1-Dichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Isopropylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
4-Isopropyltoluene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Methylene Chloride	Not Detected	5	1	ug/L	EPA 8260	11/13/08		3190
Naphthalene	Not Detected	5	1	ug/L	EPA 8260	11/13/08		3190
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2,3-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2,4-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190

CREEK ENVIRONMENTAL LABORATORIES, INC.
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Yemia Hashimoto
AMEC Geomatrix
2101 Webster St., 12th Floor
Oakland, CA 94612

Log Number: 08-C15483
Order: P5792
Project: PG&E Coliseum Way
Received: 11/05/08
Printed: 12/01/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-4-112008	P. Cornish	11/04/08@11:22	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
1,1,1-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2,4-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,3,5-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Vinyl Chloride	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190

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

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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

Yemia Hashimoto
AMEC Geomatrix
2101 Webster St., 12th Floor
Oakland, CA 94612

Log Number: 08-C15484
Order: P5792
Project: PG&E Coliseum Way
Received: 11/05/08
Printed: 12/01/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-5-112008	P. Cornish	11/04/08@12:05	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Motor Oil	0.3	0.1	1	mg/L	EPA 8015/LUFT	11/08/08	11/08/08	3413
TPH as Diesel	0.24	0.05	1	mg/L	EPA 8015/LUFT	11/08/08	11/08/08	3413
TPH as Diesel, SGT	0.19	0.05	1	mg/L	EPA 8015/LUFT	11/24/08	11/08/08	3588
TPH as Motor Oil, SGT	Not Detected	0.1	1	mg/L	EPA 8015/LUFT	11/24/08	11/08/08	3588
TPH as Gasoline	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	11/13/08		3304
Benzene	1.2	0.5	1	ug/L	EPA 8260	11/13/08		3190
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Methyl t-Butyl Ether (MTBE)	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Chlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,3-Dichlorobenzene	0.6	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,4-Dichlorobenzene	3.8	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2-Dichloroethane (EDC)	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Chloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
2-Chloroethylvinyl ether	Not Detected	20	1	ug/L	EPA 8260	11/13/08		3190
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190

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Yemia Hashimoto
AMEC Geomatrix
2101 Webster St., 12th Floor
Oakland, CA 94612

Log Number: 08-C15484
Order: P5792
Project: PG&E Coliseum Way
Received: 11/05/08
Printed: 12/01/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-5-112008	P. Cornish	11/04/08@12:05	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
2-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	11/13/08		3190
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1-Dichloroethane	1.6	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1-Dichloroethene	0.7	0.5	1	ug/L	EPA 8260	11/13/08		3190
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Isopropylbenzene	1.5	0.5	1	ug/L	EPA 8260	11/13/08		3190
4-Isopropyltoluene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Methylene Chloride	Not Detected	5	1	ug/L	EPA 8260	11/13/08		3190
Naphthalene	Not Detected	5	1	ug/L	EPA 8260	11/13/08		3190
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2,3-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2,4-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190

CREEK ENVIRONMENTAL LABORATORIES, INC.
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Yemia Hashimoto
AMEC Geomatrix
2101 Webster St., 12th Floor
Oakland, CA 94612

Log Number: 08-C15484
Order: P5792
Project: PG&E Coliseum Way
Received: 11/05/08
Printed: 12/01/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-5-112008	P. Cornish	11/04/08@12:05	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
1,1,1-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2,4-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,3,5-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Vinyl Chloride	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Lead, Dissolved	Not Detected	0.004	1	mg/L	EPA 6020	11/14/08		3215

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

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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

Yemia Hashimoto
AMEC Geomatrix
2101 Webster St., 12th Floor
Oakland, CA 94612

Log Number: 08-C15485
Order: P5792
Project: PG&E Coliseum Way
Received: 11/05/08
Printed: 12/01/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-6-112008	P. Cornish	11/04/08@13:25	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Motor Oil	0.3	0.1	1	mg/L	EPA 8015/LUFT	11/08/08	11/08/08	3413
TPH as Diesel	0.24	0.05	1	mg/L	EPA 8015/LUFT	11/08/08	11/08/08	3413
TPH as Diesel, SGT	0.11	0.05	1	mg/L	EPA 8015/LUFT	11/24/08	11/08/08	3588
TPH as Motor Oil, SGT	Not Detected	0.1	1	mg/L	EPA 8015/LUFT	11/24/08	11/08/08	3588
TPH as Gasoline	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	11/10/08		3249
Benzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Methyl t-Butyl Ether (MTBE)	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Chlorobenzene	4.6	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2-Dichlorobenzene	0.9	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,3-Dichlorobenzene	12	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,4-Dichlorobenzene	34	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2-Dichloroethane (EDC)	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Chloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
2-Chloroethylvinyl ether	Not Detected	20	1	ug/L	EPA 8260	11/13/08		3190
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190

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

Yemia Hashimoto
AMEC Geomatrix
2101 Webster St., 12th Floor
Oakland, CA 94612

Log Number: 08-C15485
Order: P5792
Project: PG&E Coliseum Way
Received: 11/05/08
Printed: 12/01/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-6-112008	P. Cornish	11/04/08@13:25	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
2-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	11/13/08		3190
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1-Dichloroethane	9.0	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1-Dichloroethene	5.6	0.5	1	ug/L	EPA 8260	11/13/08		3190
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Isopropylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
4-Isopropyltoluene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Methylene Chloride	Not Detected	5	1	ug/L	EPA 8260	11/13/08		3190
Naphthalene	Not Detected	5	1	ug/L	EPA 8260	11/13/08		3190
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2,3-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2,4-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190

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Yemia Hashimoto
AMEC Geomatrix
2101 Webster St., 12th Floor
Oakland, CA 94612

Log Number: 08-C15485
Order: P5792
Project: PG&E Coliseum Way
Received: 11/05/08
Printed: 12/01/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-6-112008	P. Cornish	11/04/08@13:25	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
1,1,1-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2,4-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,3,5-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Vinyl Chloride	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190

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

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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

Yemia Hashimoto
AMEC Geomatrix
2101 Webster St., 12th Floor
Oakland, CA 94612

Log Number: 08-C15486
Order: P5792
Project: PG&E Coliseum Way
Received: 11/05/08
Printed: 12/01/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-7-112008	P. Cornish	11/04/08@14:40	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Motor Oil	0.3	0.1	1	mg/L	EPA 8015/LUFT	11/08/08	11/08/08	3413
TPH as Diesel	0.32	0.05	1	mg/L	EPA 8015/LUFT	11/08/08	11/08/08	3413
TPH as Diesel, SGT	0.13	0.05	1	mg/L	EPA 8015/LUFT	11/24/08	11/08/08	3588
TPH as Motor Oil, SGT	Not Detected	0.1	1	mg/L	EPA 8015/LUFT	11/24/08	11/08/08	3588
TPH as Gasoline	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	11/10/08		3249
Benzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Methyl t-Butyl Ether (MTBE)	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Chlorobenzene	77	10	20	ug/L	EPA 8260	11/14/08		3193
1,2-Dichlorobenzene	37	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,3-Dichlorobenzene	190	10	20	ug/L	EPA 8260	11/14/08		3193
1,4-Dichlorobenzene	620	10	20	ug/L	EPA 8260	11/14/08		3193
1,2-Dichloroethane (EDC)	0.5	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Chloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
2-Chloroethylvinyl ether	Not Detected	20	1	ug/L	EPA 8260	11/13/08		3190
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190

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Yemia Hashimoto
AMEC Geomatrix
2101 Webster St., 12th Floor
Oakland, CA 94612

Log Number: 08-C15486
Order: P5792
Project: PG&E Coliseum Way
Received: 11/05/08
Printed: 12/01/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-7-112008	P. Cornish	11/04/08@14:40	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
2-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	11/13/08		3190
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1-Dichloroethane	11	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1-Dichloroethene	13	0.5	1	ug/L	EPA 8260	11/13/08		3190
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Isopropylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
4-Isopropyltoluene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Methylene Chloride	Not Detected	5	1	ug/L	EPA 8260	11/13/08		3190
Naphthalene	Not Detected	5	1	ug/L	EPA 8260	11/13/08		3190
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2,3-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2,4-Trichlorobenzene	50	10	20	ug/L	EPA 8260	11/14/08		3193

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Yemia Hashimoto
AMEC Geomatrix
2101 Webster St., 12th Floor
Oakland, CA 94612

Log Number: 08-C15486
Order: P5792
Project: PG&E Coliseum Way
Received: 11/05/08
Printed: 12/01/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-7-112008	P. Cornish	11/04/08@14:40	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
1,1,1-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,2,4-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
1,3,5-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/13/08		3190
Vinyl Chloride	0.5	0.5	1	ug/L	EPA 8260	11/13/08		3190

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

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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

Yemia Hashimoto
AMEC Geomatrix
2101 Webster St., 12th Floor
Oakland, CA 94612

Log Number: 08-C15487
Order: P5792
Project: PG&E Coliseum Way
Received: 11/05/08
Printed: 12/01/08

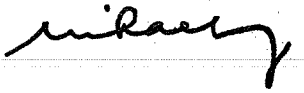
REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
OW-8-112008	P. Cornish	11/04/08@13:50	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Motor Oil	0.3	0.1	1	mg/L	EPA 8015/LUFT	11/08/08	11/08/08	3413
TPH as Diesel	0.23	0.05	1	mg/L	EPA 8015/LUFT	11/08/08	11/08/08	3413
TPH as Diesel, SGT	0.10	0.05	1	mg/L	EPA 8015/LUFT	11/24/08	11/08/08	3588
TPH as Motor Oil, SGT	Not Detected	0.1	1	mg/L	EPA 8015/LUFT	11/24/08	11/08/08	3588
Lead, Dissolved	Not Detected	0.004	1	mg/L	EPA 6020	11/14/08		3215

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

CREEK ENVIRONMENTAL LABORATORIES



Lab Director, Michael Ng

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

Yemia Hashimoto
AMEC Geomatrix
2101 Webster St., 12th Floor
Oakland, CA 94612

Log Number: 08-C15488
Order: P5792
Project: PG&E Coliseum Way
Received: 11/05/08
Printed: 12/01/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
FB-112008	P. Cornish	11/04/08@12:30	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Benzene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
Methyl t-Butyl Ether (MTBE)	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
Chlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
1,2-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
1,3-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
1,4-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
1,2-Dichloroethane (EDC)	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
Chloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
2-Chloroethylvinyl ether	Not Detected	20	1	ug/L	EPA 8260	11/11/08		3107
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
2-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	11/11/08		3107
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107

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

Yemia Hashimoto
AMEC Geomatrix
2101 Webster St., 12th Floor
Oakland, CA 94612

Log Number: 08-C15488
Order: P5792
Project: PG&E Coliseum Way
Received: 11/05/08
Printed: 12/01/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
FB-112008	P. Cornish	11/04/08@12:30	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
1,1-Dichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
1,1-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
Isopropylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
4-Isopropyltoluene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
Methylene Chloride	Not Detected	5	1	ug/L	EPA 8260	11/11/08		3107
Naphthalene	Not Detected	5	1	ug/L	EPA 8260	11/11/08		3107
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
1,2,3-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
1,2,4-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
1,1,1-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107

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Yemia Hashimoto
AMEC Geomatrix
2101 Webster St., 12th Floor
Oakland, CA 94612

Log Number: 08-C15488
Order: P5792
Project: PG&E Coliseum Way
Received: 11/05/08
Printed: 12/01/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
FB-112008	P. Cornish	11/04/08@12:30	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	11/11/08		3107
1,3,5-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
Vinyl Chloride	Not Detected	0.5	1	ug/L	EPA 8260	11/11/08		3107
Lead, Dissolved	Not Detected	0.004	1	mg/L	EPA 6020	11/14/08		3215

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

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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Quality Control Results

Order No.: P5792
Laboratory Reagent Blank

Analyte	Method	Results	Units	Batch
TPH as Motor Oil	EPA 8015/LUFT	< 0.1	mg/L	3413
TPH as Diesel	EPA 8015/LUFT	< 0.05	mg/L	3413
TPH as Diesel, SGT	EPA 8015/LUFT	< 0.05	mg/L	3588
TPH as Motor Oil, SGT	EPA 8015/LUFT	< 0.1	mg/L	3588
TPH as Gasoline	EPA 8015/LUFT	< 0.05	mg/L	3249
TPH as Gasoline	EPA 8015/LUFT	< 0.05	mg/L	3304
Benzene	EPA 8260	< 0.5	ug/L	3107
Benzene	EPA 8260	< 0.5	ug/L	3190
Toluene	EPA 8260	< 0.5	ug/L	3107
Toluene	EPA 8260	< 0.5	ug/L	3190
Ethylbenzene	EPA 8260	< 0.5	ug/L	3107
Ethylbenzene	EPA 8260	< 0.5	ug/L	3190
m,p-Xylene	EPA 8260	< 0.5	ug/L	3107
m,p-Xylene	EPA 8260	< 0.5	ug/L	3190
o-Xylene	EPA 8260	< 0.5	ug/L	3107
o-Xylene	EPA 8260	< 0.5	ug/L	3190
Methyl t-Butyl Ether (MTBE)	EPA 8260	< 0.5	ug/L	3107
Methyl t-Butyl Ether (MTBE)	EPA 8260	< 0.5	ug/L	3190
Chlorobenzene	EPA 8260	< 0.5	ug/L	3107
Chlorobenzene	EPA 8260	< 0.5	ug/L	3190
Chlorobenzene	EPA 8260	< 0.5	ug/L	3193
1,2-Dichlorobenzene	EPA 8260	< 0.5	ug/L	3107
1,2-Dichlorobenzene	EPA 8260	< 0.5	ug/L	3190
1,3-Dichlorobenzene	EPA 8260	< 0.5	ug/L	3107
1,3-Dichlorobenzene	EPA 8260	< 0.5	ug/L	3190
1,3-Dichlorobenzene	EPA 8260	< 0.5	ug/L	3193
1,4-Dichlorobenzene	EPA 8260	< 0.5	ug/L	3107
1,4-Dichlorobenzene	EPA 8260	< 0.5	ug/L	3190
1,4-Dichlorobenzene	EPA 8260	< 0.5	ug/L	3193
1,2-Dichloroethane (EDC)	EPA 8260	< 0.5	ug/L	3107
1,2-Dichloroethane (EDC)	EPA 8260	< 0.5	ug/L	3190
1,2-Dibromoethane (EDB)	EPA 8260	< 0.5	ug/L	3107
1,2-Dibromoethane (EDB)	EPA 8260	< 0.5	ug/L	3190
Bromobenzene	EPA 8260	< 0.5	ug/L	3107
Bromobenzene	EPA 8260	< 0.5	ug/L	3190
Bromochloromethane	EPA 8260	< 0.5	ug/L	3107
Bromochloromethane	EPA 8260	< 0.5	ug/L	3190
Bromodichloromethane	EPA 8260	< 0.5	ug/L	3107
Bromodichloromethane	EPA 8260	< 0.5	ug/L	3190
Bromoform	EPA 8260	< 0.5	ug/L	3107
Bromoform	EPA 8260	< 0.5	ug/L	3190
Bromomethane	EPA 8260	< 0.5	ug/L	3107
Bromomethane	EPA 8260	< 0.5	ug/L	3190
n-Butylbenzene	EPA 8260	< 0.5	ug/L	3107
n-Butylbenzene	EPA 8260	< 0.5	ug/L	3190

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Order No.: P5792

Laboratory Reagent Blank (continued)

Analyte	Method	Result	Units	Batch
sec-Butyl Benzene	EPA 8260	< 0.5	ug/L	3107
sec-Butyl Benzene	EPA 8260	< 0.5	ug/L	3190
t-Butylbenzene	EPA 8260	< 0.5	ug/L	3107
t-Butylbenzene	EPA 8260	< 0.5	ug/L	3190
Carbon Tetrachloride	EPA 8260	< 0.5	ug/L	3107
Carbon Tetrachloride	EPA 8260	< 0.5	ug/L	3190
Chloroethane	EPA 8260	< 0.5	ug/L	3107
Chloroethane	EPA 8260	< 0.5	ug/L	3190
2-Chloroethylvinyl ether	EPA 8260	< 20	ug/L	3107
2-Chloroethylvinyl ether	EPA 8260	< 20	ug/L	3190
Chloroform	EPA 8260	< 0.5	ug/L	3107
Chloroform	EPA 8260	< 0.5	ug/L	3190
Chloromethane	EPA 8260	< 0.5	ug/L	3107
Chloromethane	EPA 8260	< 0.5	ug/L	3190
2-Chlorotoluene	EPA 8260	< 0.5	ug/L	3107
2-Chlorotoluene	EPA 8260	< 0.5	ug/L	3190
4-Chlorotoluene	EPA 8260	< 0.5	ug/L	3107
4-Chlorotoluene	EPA 8260	< 0.5	ug/L	3190
1,2-Dibromo-3-Chloropropane	EPA 8260	< 1	ug/L	3107
1,2-Dibromo-3-Chloropropane	EPA 8260	< 1	ug/L	3190
Dibromochloromethane	EPA 8260	< 0.5	ug/L	3107
Dibromochloromethane	EPA 8260	< 0.5	ug/L	3190
Dibromomethane	EPA 8260	< 0.5	ug/L	3107
Dibromomethane	EPA 8260	< 0.5	ug/L	3190
Dichlorodifluoromethane	EPA 8260	< 0.5	ug/L	3107
Dichlorodifluoromethane	EPA 8260	< 0.5	ug/L	3190
1,1-Dichloroethane	EPA 8260	< 0.5	ug/L	3107
1,1-Dichloroethane	EPA 8260	< 0.5	ug/L	3190
1,1-Dichloroethene	EPA 8260	< 0.5	ug/L	3107
1,1-Dichloroethene	EPA 8260	< 0.5	ug/L	3190
cis-1,2-Dichloroethene	EPA 8260	< 0.5	ug/L	3107
cis-1,2-Dichloroethene	EPA 8260	< 0.5	ug/L	3190
trans-1,2-Dichloethene	EPA 8260	< 0.5	ug/L	3107
trans-1,2-Dichloethene	EPA 8260	< 0.5	ug/L	3190
1,2-Dichloropropane	EPA 8260	< 0.5	ug/L	3107
1,2-Dichloropropane	EPA 8260	< 0.5	ug/L	3190
1,3-Dichloropropane	EPA 8260	< 0.5	ug/L	3107
1,3-Dichloropropane	EPA 8260	< 0.5	ug/L	3190
2,2-Dichloropropane	EPA 8260	< 0.5	ug/L	3107
2,2-Dichloropropane	EPA 8260	< 0.5	ug/L	3190
1,1-Dichloropropene	EPA 8260	< 0.5	ug/L	3107
1,1-Dichloropropene	EPA 8260	< 0.5	ug/L	3190
cis-1,3-Dichloropropene	EPA 8260	< 0.5	ug/L	3107
cis-1,3-Dichloropropene	EPA 8260	< 0.5	ug/L	3190

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Order No.: P5792

Laboratory Reagent Blank (continued)

Analyte	Method	Result	Units	Batch
trans-1,3-Dichloropropene	EPA 8260	< 0.5	ug/L	3107
trans-1,3-Dichloropropene	EPA 8260	< 0.5	ug/L	3190
Hexachlorobutadiene	EPA 8260	< 0.5	ug/L	3107
Hexachlorobutadiene	EPA 8260	< 0.5	ug/L	3190
Isopropylbenzene	EPA 8260	< 0.5	ug/L	3107
Isopropylbenzene	EPA 8260	< 0.5	ug/L	3190
4-Isopropyltoluene	EPA 8260	< 0.5	ug/L	3107
4-Isopropyltoluene	EPA 8260	< 0.5	ug/L	3190
Methylene Chloride	EPA 8260	< 5	ug/L	3107
Methylene Chloride	EPA 8260	< 5	ug/L	3190
Naphthalene	EPA 8260	< 5	ug/L	3107
Naphthalene	EPA 8260	< 5	ug/L	3190
n-Propylbenzene	EPA 8260	< 0.5	ug/L	3107
n-Propylbenzene	EPA 8260	< 0.5	ug/L	3190
Styrene	EPA 8260	< 0.5	ug/L	3107
Styrene	EPA 8260	< 0.5	ug/L	3190
1,1,1,2-Tetrachloroethane	EPA 8260	< 0.5	ug/L	3107
1,1,1,2-Tetrachloroethane	EPA 8260	< 0.5	ug/L	3190
1,1,2,2-Tetrachloroethane	EPA 8260	< 0.5	ug/L	3107
1,1,2,2-Tetrachloroethane	EPA 8260	< 0.5	ug/L	3190
Tetrachloroethene	EPA 8260	< 0.5	ug/L	3107
Tetrachloroethene	EPA 8260	< 0.5	ug/L	3190
1,2,3-Trichlorobenzene	EPA 8260	< 0.5	ug/L	3107
1,2,3-Trichlorobenzene	EPA 8260	< 0.5	ug/L	3190
1,2,4-Trichlorobenzene	EPA 8260	< 0.5	ug/L	3107
1,2,4-Trichlorobenzene	EPA 8260	< 0.5	ug/L	3190
1,2,4-Trichlorobenzene	EPA 8260	< 0.5	ug/L	3193
1,1,1-Trichloroethane	EPA 8260	< 0.5	ug/L	3107
1,1,1-Trichloroethane	EPA 8260	< 0.5	ug/L	3190
1,1,2-Trichloroethane	EPA 8260	< 0.5	ug/L	3107
1,1,2-Trichloroethane	EPA 8260	< 0.5	ug/L	3190
Trichloroethene	EPA 8260	< 0.5	ug/L	3107
Trichloroethene	EPA 8260	< 0.5	ug/L	3190
Trichlorofluoromethane	EPA 8260	< 0.5	ug/L	3107
Trichlorofluoromethane	EPA 8260	< 0.5	ug/L	3190
1,2,3-Trichloropropane	EPA 8260	< 0.5	ug/L	3107
1,2,3-Trichloropropane	EPA 8260	< 0.5	ug/L	3190
1,2,4-Trimethylbenzene	EPA 8260	< 0.5	ug/L	3107
1,2,4-Trimethylbenzene	EPA 8260	< 0.5	ug/L	3190
1,3,5-Trimethylbenzene	EPA 8260	< 0.5	ug/L	3107
1,3,5-Trimethylbenzene	EPA 8260	< 0.5	ug/L	3190
Vinyl Chloride	EPA 8260	< 0.5	ug/L	3107
Vinyl Chloride	EPA 8260	< 0.5	ug/L	3190
Lead, Dissolved	EPA 6020	< 0.004	mg/L	3215

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Order No.: P5792

Laboratory Known Analysis (LCS)

Analyte	Method	Recovery	Spike Amount	Units	Recovery Limits	Batch
TPH as Diesel	EPA 8015/LUFT	75%	5.0	mg/L	50 - 150	3413
TPH as Diesel, SGT	EPA 8015/LUFT	93%	5.0	mg/L	50 - 150	3588
TPH as Gasoline	EPA 8015/LUFT	104%	0.5	mg/L	60 - 140	3249
TPH as Gasoline	EPA 8015/LUFT	104%	0.5	mg/L	60 - 140	3304
Benzene	EPA 8260	115%	10	ug/L	80 - 120	3107
Benzene	EPA 8260	97%	10	ug/L	80 - 120	3190
Toluene	EPA 8260	117%	10	ug/L	80 - 120	3107
Toluene	EPA 8260	104%	10	ug/L	80 - 120	3190
Ethylbenzene	EPA 8260	116%	10	ug/L	80 - 120	3107
Ethylbenzene	EPA 8260	104%	10	ug/L	80 - 120	3190
m,p-Xylene	EPA 8260	115%	20	ug/L	80 - 120	3107
m,p-Xylene	EPA 8260	106%	20	ug/L	80 - 120	3190
o-Xylene	EPA 8260	115%	10	ug/L	80 - 120	3107
o-Xylene	EPA 8260	114%	10	ug/L	80 - 120	3190
Lead, Dissolved	EPA 6020	97%	1.0	mg/L	75 - 125	3215

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	47%	66%	25	08-C15486	5.0	mg/L	50 - 150	30	3413
TPH as Diesel, SGT	EPA 8015/LUFT	62%	69%	10	08-C15486	5.0	mg/L	50 - 150	30	3588
TPH as Gasoline	EPA 8015/LUFT	104%	124%	11	08-C15486	0.5	mg/L	60 - 140	30	3249
Benzene	EPA 8260	106%	101%	5	08-C15486	10	ug/L	80 - 120	20	3190
Toluene	EPA 8260	107%	102%	5	08-C15486	10	ug/L	80 - 120	20	3190
Ethylbenzene	EPA 8260	111%	109%	2	08-C15486	10	ug/L	80 - 120	20	3190
m,p-Xylene	EPA 8260	104%	102%	2	08-C15486	20	ug/L	80 - 120	20	3190
o-Xylene	EPA 8260	103%	101%	2	08-C15486	10	ug/L	80 - 120	20	3190
Lead, Dissolved	EPA 6020	93%	92%	1	08-C15482	1.0	mg/L	75 - 125	20	3215

Sample Duplicate

Analyte	Method	Sample ID	Sample Value	Sample Duplicate	RPD	Units	RPD Limit	Batch
Benzene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
Toluene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
Ethylbenzene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
m,p-Xylene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
o-Xylene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
Methyl t-Butyl Ether (MTBE)	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	30.	3107
Chlorobenzene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
1,2-Dichlorobenzene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
1,3-Dichlorobenzene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
1,4-Dichlorobenzene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107

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Quality Control Results

Order No.: P5792

Sample Duplicate

Analyte	Method	Sample ID	Sample Value	Sample Duplicate	RPD	Units	RPD Limit	Batch
1,2-Dichloroethane (EDC)	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
1,2-Dibromoethane (EDB)	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
Bromobenzene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
Bromochloromethane	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
Bromodichloromethane	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
Bromoform	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
Bromomethane	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	30.	3107
n-Butylbenzene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
sec-Butyl Benzene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
t-Butylbenzene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
Carbon Tetrachloride	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
Chloroethane	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	30.	3107
2-Chloroethylvinyl ether	EPA 8260	08-C15405	< 20	< 20	0	ug/L	40.	3107
Chloroform	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
Chloromethane	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	30.	3107
2-Chlorotoluene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
4-Chlorotoluene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
1,2-Dibromo-3-Chloropropane	EPA 8260	08-C15405	< 1	< 1	0	ug/L	30.	3107
Dibromochloromethane	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
Dibromomethane	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
Dichlorodifluoromethane	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	30.	3107
1,1-Dichloroethane	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
1,1-Dichloroethene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
cis-1,2-Dichloroethene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
trans-1,2-Dichloethene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
1,2-Dichloropropane	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
1,3-Dichloropropane	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
2,2-Dichloropropane	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
1,1-Dichloropropene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
cis-1,3-Dichloropropene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
trans-1,3-Dichloropropene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
Hexachlorobutadiene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	30.	3107
Isopropylbenzene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
4-Isopropyltoluene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
Methylene Chloride	EPA 8260	08-C15405	< 5	< 5	0	ug/L	30.	3107
Naphthalene	EPA 8260	08-C15405	< 5	< 5	0	ug/L	30.	3107
n-Propylbenzene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
Styrene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
1,1,1,2-Tetrachloroethane	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
1,1,2,2-Tetrachloroethane	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
Tetrachloroethene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
1,2,3-Trichlorobenzene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	30.	3107
1,2,4-Trichlorobenzene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	30.	3107
1,1,1-Trichloroethane	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107

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Order No.: P5792

Sample Duplicate

Analyte	Method	Sample ID	Sample Value	Sample Duplicate	RPD	Units	RPD Limit	Batch
1,1,2-Trichloroethane	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
Trichloroethene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
Trichlorofluoromethane	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	30.	3107
1,2,3-Trichloropropane	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	30.	3107
1,2,4-Trimethylbenzene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
1,3,5-Trimethylbenzene	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	20.	3107
Vinyl Chloride	EPA 8260	08-C15405	< 0.5	< 0.5	0	ug/L	30.	3107

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

Surrogate Report

Sample Number	Batch	Method	Surrogate	% Recovery	QC Limits
08-C15481	3193	EPA 8260	Dibromofluoromethane	102.	81-123
08-C15481	3193	EPA 8260	Toluene-d8	98.	78-116
08-C15481	3193	EPA 8260	4-BFB	94.	60-116
08-C15481	3413	EPA 8015M/LUFT DRO	Hexacosane	90.	50-150
08-C15481	3249	EPA 8015M/LUFT GRO	a,a,a-Trifluorotoluene	131.	50-150
08-C15481	3193	EPA 8260	1,2-Dichloroethane-d4	100.	70-130
08-C15481	3588	EPA 8015M/LUFT DRO	Hexacosane.Silica Gel	96.	50-150
08-C15482	3413	EPA 8015M/LUFT DRO	Hexacosane	90.	50-150
08-C15482	3588	EPA 8015M/LUFT DRO	Hexacosane.Silica Gel	116.	50-150
08-C15483	3190	EPA 8260	Dibromofluoromethane	99.	81-123
08-C15483	3190	EPA 8260	Toluene-d8	98.	78-116
08-C15483	3190	EPA 8260	4-BFB	93.	60-116
08-C15483	3413	EPA 8015M/LUFT DRO	Hexacosane	84.	50-150
08-C15483	3249	EPA 8015M/LUFT GRO	a,a,a-Trifluorotoluene	135.	50-150
08-C15483	3190	EPA 8260	1,2-Dichloroethane-d4	94.	70-130
08-C15483	3588	EPA 8015M/LUFT DRO	Hexacosane.Silica Gel	108.	50-150
08-C15484	3190	EPA 8260	Dibromofluoromethane	99.	81-123
08-C15484	3190	EPA 8260	Toluene-d8	100.	78-116
08-C15484	3190	EPA 8260	4-BFB	94.	60-116
08-C15484	3413	EPA 8015M/LUFT DRO	Hexacosane	84.	50-150
08-C15484	3304	EPA 8015M/LUFT GRO	a,a,a-Trifluorotoluene	111.	50-150
08-C15484	3190	EPA 8260	1,2-Dichloroethane-d4	95.	70-130
08-C15484	3588	EPA 8015M/LUFT DRO	Hexacosane.Silica Gel	98.	50-150
08-C15485	3190	EPA 8260	Dibromofluoromethane	100.	81-123
08-C15485	3190	EPA 8260	Toluene-d8	98.	78-116
08-C15485	3190	EPA 8260	4-BFB	96.	60-116
08-C15485	3413	EPA 8015M/LUFT DRO	Hexacosane	96.	50-150
08-C15485	3249	EPA 8015M/LUFT GRO	a,a,a-Trifluorotoluene	140.	50-150
08-C15485	3190	EPA 8260	1,2-Dichloroethane-d4	98.	70-130
08-C15485	3588	EPA 8015M/LUFT DRO	Hexacosane.Silica Gel	104.	50-150
08-C15486	3193	EPA 8260	Dibromofluoromethane	102.	81-123
08-C15486	3193	EPA 8260	Toluene-d8	97.	78-116
08-C15486	3193	EPA 8260	4-BFB	93.	60-116
08-C15486	3413	EPA 8015M/LUFT DRO	Hexacosane	76.	50-150
08-C15486	3249	EPA 8015M/LUFT GRO	a,a,a-Trifluorotoluene	130.	50-150
08-C15486	3193	EPA 8260	1,2-Dichloroethane-d4	102.	70-130
08-C15486	3588	EPA 8015M/LUFT DRO	Hexacosane.Silica Gel	86.	50-150
08-C15487	3413	EPA 8015M/LUFT DRO	Hexacosane	90.	50-150
08-C15487	3588	EPA 8015M/LUFT DRO	Hexacosane.Silica Gel	90.	50-150
08-C15488	3107	EPA 8260	Dibromofluoromethane	100.	81-123
08-C15488	3107	EPA 8260	Toluene-d8	98.	78-116
08-C15488	3107	EPA 8260	4-BFB	92.	60-116
08-C15488	3107	EPA 8260	1,2-Dichloroethane-d4	98.	70-130
blank	3107	EPA 8260	Dibromofluoromethane	101.	81-123
blank	3190	EPA 8260	Dibromofluoromethane	101.	81-123
blank	3193	EPA 8260	Dibromofluoromethane	101.	81-123

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Surrogate Report

Sample Number	Batch	Method	Surrogate	% Recovery	QC Limits
LCS	3107	EPA 8260	Dibromofluoromethane	101.	81-123
LCS	3190	EPA 8260	Dibromofluoromethane	100.	81-123
LCS	3193	EPA 8260	Dibromofluoromethane	101.	81-123
08-C15486 MS	3190	EPA 8260	Dibromofluoromethane	99.	81-123
08C15486 MSD	3190	EPA 8260	Dibromofluoromethane	96.	81-123
blank	3107	EPA 8260	Toluene-d8	98.	78-116
blank	3190	EPA 8260	Toluene-d8	98.	78-116
blank	3193	EPA 8260	Toluene-d8	98.	78-116
LCS	3107	EPA 8260	Toluene-d8	98.	78-116
LCS	3190	EPA 8260	Toluene-d8	98.	78-116
LCS	3193	EPA 8260	Toluene-d8	99.	78-116
08-C15486 MS	3190	EPA 8260	Toluene-d8	108.	78-116
08C15486 MSD	3190	EPA 8260	Toluene-d8	108.	78-116
blank	3107	EPA 8260	4-BFB	92.	60-116
blank	3190	EPA 8260	4-BFB	93.	60-116
blank	3193	EPA 8260	4-BFB	92.	60-116
LCS	3107	EPA 8260	4-BFB	99.	60-116
LCS	3190	EPA 8260	4-BFB	100.	60-116
LCS	3193	EPA 8260	4-BFB	102.	60-116
08-C15486 MS	3190	EPA 8260	4-BFB	124.	60-116
08C15486 MSD	3190	EPA 8260	4-BFB	126.	60-116
blank	3413	EPA 8015M/LUFT DRO	Hexacosane	97.	50-150
LCS	3413	EPA 8015M/LUFT DRO	Hexacosane	95.	50-150
08-C15486 MS	3413	EPA 8015M/LUFT DRO	Hexacosane	74.	50-150
08C15486 MSD	3413	EPA 8015M/LUFT DRO	Hexacosane	85.	50-150
blank	3249	EPA 8015M/LUFT GRO	a,a,a-Trifluorotoluene	124.	50-150
blank	3304	EPA 8015M/LUFT GRO	a,a,a-Trifluorotoluene	103.	50-150
LCS	3249	EPA 8015M/LUFT GRO	a,a,a-Trifluorotoluene	119.	50-150
LCS	3304	EPA 8015M/LUFT GRO	a,a,a-Trifluorotoluene	102.	50-150
08-C15486 MS	3249	EPA 8015M/LUFT GRO	a,a,a-Trifluorotoluene	131.	50-150
08C15486 MSD	3249	EPA 8015M/LUFT GRO	a,a,a-Trifluorotoluene	130.	50-150
blank	3107	EPA 8260	1,2-Dichloroethane-d4	97.	70-130
blank	3190	EPA 8260	1,2-Dichloroethane-d4	99.	70-130
blank	3193	EPA 8260	1,2-Dichloroethane-d4	98.	70-130
LCS	3107	EPA 8260	1,2-Dichloroethane-d4	98.	70-130
LCS	3190	EPA 8260	1,2-Dichloroethane-d4	99.	70-130
LCS	3193	EPA 8260	1,2-Dichloroethane-d4	98.	70-130
08-C15486 MS	3190	EPA 8260	1,2-Dichloroethane-d4	95.	70-130
08C15486 MSD	3190	EPA 8260	1,2-Dichloroethane-d4	88.	70-130
blank	3588	EPA 8015M/LUFT DRO	Hexacosane.Silica Gel	75.	50-150
LCS	3588	EPA 8015M/LUFT DRO	Hexacosane.Silica Gel	110.	50-150
08-C15486 MS	3588	EPA 8015M/LUFT DRO	Hexacosane.Silica Gel	83.	50-150
08C15486 MSD	3588	EPA 8015M/LUFT DRO	Hexacosane.Silica Gel	90.	50-150