R099

Pacific Gas and Electric Company

December 18, 2006

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

Subject: Transmittal of *Second Semester 2005 Groundwater Monitoring Report, Pacific Gas and Electric Company, Oakland General Construction Yard, 4930 Coliseum Way, Oakland, California 94601*

Dear Mr. Chan:

Attached is the *Second Semester 2005 Groundwater Monitoring Report, Pacific Gas and Electric Company, Oakland General Construction Yard, 4930 Coliseum Way, Oakland, California 94601*, dated December 18, 2006. The report was prepared by SECOR International Incorporated and documents the results of the second semester 2005 groundwater monitoring event.

Please contact me at 925.866.5888 if you have any questions.

Sincerely,

Robert Saur

Robert Saur
Environmental Geologist

cc: Margarita Khavul, PG&E

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INTERNATIONAL
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SECOND SEMESTER 2005
GROUNDWATER MONITORING REPORT

Pacific Gas and Electric Company
Oakland General Construction Yard
4930 Coliseum Way, Oakland, California 94601

December 18, 2006
SECOR PN: 05OT.50265.00.0003

Prepared for:

Pacific Gas and Electric Company
77 Beale Street
San Francisco, California 94105

Submitted by:

SECOR International Incorporated
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

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Second Semester 2005
Groundwater Monitoring Report

Pacific Gas and Electric Company
4930 Coliseum Way
Oakland, California
SECOR PN: 05OT.50265.00.0003

This material and data in this report were prepared under the supervision and direction of the undersigned. This report was prepared consistent with current and generally accepted geologic and environmental consulting principles and practices that are within the limitations provided herein.

Submitted by:

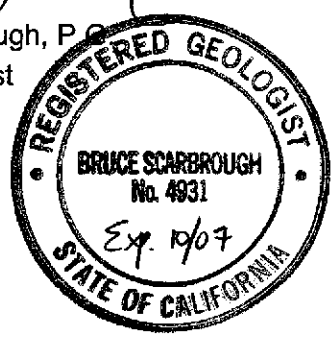
SECOR International Incorporated
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

Prepared by:

Annette Maxwell
Senior Geologist

Reviewed by:

Bruce E. Scarbrough, P.G.
Principal Geologist



LIMITATIONS

The conclusions and recommendations in the semiannual groundwater monitoring and sampling report are based upon professional opinions with regard to the subject matter. These opinions have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to this location and are subject to the following inherent limitations:

1. The data and findings presented in this report are valid as of the dates when the monitoring and sampling were performed. The passage of time, manifestation of latent conditions or occurrence of future events may require further exploration at the site, analysis of the data, and reevaluation of the findings, observations, and conclusions expressed in the report.

2. The data reported and the findings, observations, and conclusions expressed in the report are limited by the Scope of Work. The Scope of Work was defined by the request of the client, and the time and budgetary constraints imposed by the client.

3. Because of the limitations stated above, the findings, observations, and conclusions expressed by SECOR in this report are not, and should not be, considered an opinion concerning the compliance of any past or present owner or operator of the site with any federal, state or local law or regulation.

4. No warranty or guarantee, whether expressed or implied, is made with respect to the data or the reported findings, observations, and conclusions, which are based solely upon site conditions in existence at the time of investigation.

5. This report presents professional opinions and findings of a scientific and technical nature. While attempts were made to relate the data and findings to applicable environmental laws and regulations, the report shall not be construed to offer legal opinion or representations as to the requirements of, nor compliance with, environmental laws, rules, regulations or policies of federal, state or local governmental agencies. Any use of the report constitutes acceptance of the limits of SECOR's liability. SECOR's liability extends only to its client and not to any other parties who may obtain the report.

1.0 INTRODUCTION

On behalf of Pacific Gas and Electric Company (PG&E), SECOR International Incorporated (SECOR) submits the Second Semester 2005 Groundwater Monitoring Report for the PG&E Oakland General Construction Yard. Groundwater monitoring has been conducted at the site since 1988 under the direction of the Alameda County Health Care Services Agency (ACHCSA). Second semester 2005 groundwater monitoring was conducted on December 20, 2005. The groundwater monitoring wells (OW-1, OW-2, OW-5, OW-6, OW-7, and OW-8) were purged, and SECOR collected samples from each well.

During this sampling event, laboratory analysis in addition to what has been conducted by others during the last several years was completed. The additional data was collected to assist PG&E in developing a closure strategy for this site.

Historical monitoring data are included in Appendix A.

2.0 BACKGROUND

This section describes the facility, location, and completed remedial actions.

2.1 Facility Description and Location

The site is located in the City of Oakland, California within Alameda County (Figure 1). The site address is 493 Coliseum Way in Oakland, California. The site is located at the northwest corner of Coliseum Way and 50th Avenue. The site consists of two office buildings, storage containers, a former weld shop building, and a brick building. The existing site layout is presented on Figure 2. Currently, no underground (UST) or aboveground storage tanks (AST) exist at the yard. PG&E currently uses the yard for the temporary storage of vehicles and construction equipment.

2.2 Completed Remedial Actions

The following summarizes the remedial actions at the site:

2.2.1 Underground Storage Tanks

- PG&E removed four USTs from the northernmost corner of the site in January 1988. Two of the USTs stored minerals spirits and two stored heavy oils.

- PG&E excavated approximately 2,000 cubic yards of soil in November and December 1991 from the area around the cluster of four USTs. Soils were removed to the depth-of-groundwater (approximately 8 to 8.5 feet below ground surface [bgs]), and replaced with clean, compacted backfill.

- PG&E removed a diesel UST in 1988 from the western corner of the property. No petroleum hydrocarbons were found in closure soil samples collected from native soils when the diesel UST was removed. ACHCSA closed this UST area.

2.2.1 Aboveground Storage Tanks

- PG&E dismantled and removed a large AST, in which PG&E stored natural gas, from the central portion of the site in May 1990.

- Lead was found in shallow soils beneath the footprint of the AST. The origin of the lead is believed to originate from lead-based paint (LBP) chips generated from sandblasting of the AST.

2.2.1 Containment Cap

- PG&E constructed an asphaltic concrete containment cap in September and October 1992 where the natural gas AST was located. PG&E also paved the remaining surface of the site with asphalt concrete.

3.0 GROUNDWATER MONITORING AND SAMPLING PROCEDURES

Monitoring activities conducted by SECOR during this reporting period on December 20, 2005, included the following:

- Measuring groundwater levels in six monitoring wells (wells OW-1, OW-2, OW-5, OW-6, OW-7, and OW-8).
- Collecting groundwater samples for laboratory analysis from the six monitoring wells (wells OW-1, OW-2, OW-5, OW-6, OW-7, and OW-8).

SECOR did not measure depth-to-water nor collect groundwater samples from well OW-4. Well OW-4 is located beneath a site structure and has not been accessed since January 1993.

3.1 Water-Level Measurements

Prior to purging and sampling on December 20, 2005, the depth-to-water was measured at groundwater monitoring wells OW-1, OW-2, OW-5, OW-6, OW-7, and OW-8 using an electronic interface probe. Table 1 presents a tabulation of depth-to-water measurements and the calculated groundwater elevations.

3.2 Groundwater Sampling

Monitoring wells OW-1, OW-2, OW-5, OW-6, OW-7, and OW-8 were purged and groundwater samples were collected on December 20, 2005. Preparation for groundwater sample collection included low-flow purging of groundwater from each well using a submersible pump (Grundfos) and the measurement of field parameters. Dedicated purge tubing was installed in each well. The inlet of the purge tube was placed approximately at the center of the saturated screen interval of each well.

The pump flow rate was adjusted until the drawdown in the well stabilized or until the lowest feasible flow rate was achieved. As the well was purged, SECOR continually measured field parameters that include temperature, electrical conductivity, pH, oxidation/reduction potential (ORP), and dissolved oxygen using a multi-meter equipped with a flow-through cell. Field measurements of ferrous iron were collected using a Hach field test kit (Hach Model DR890 Colorimeter and ferrous iron pillows). Field measurements were recorded on sample collection logs.

Once the field parameters were determined to have stabilized, a sample was collected by filling the laboratory-supplied sample containers directly from the dedicated purge tubing. No field filtering was performed. The flow-through cell was decontaminated between sampling locations using detergent and de-ionized water. Groundwater sample collection logs are included in Appendix B.

3.3 Analytical Program

Groundwater samples collected from the monitoring wells were analyzed for the constituents listed below. The groundwater samples were transported under chain-of-custody (COC) to APPL, Inc. in Fresno, California, a state-certified laboratory.

- Volatile organic compounds (VOCs) using U.S. Environmental Protection Agency (USEPA) Method 8260B;
- Total petroleum hydrocarbons as gasoline (TPHg), TPHd, and TPHmo using modified USEPA Method 8015M);
- Polynuclear aromatic hydrocarbons (PAHs) using USEPA Method 8270 SIM; and
- Dissolved lead using USEPA Method 6010B (wells OW-2, OW-5, and OW-8 only). Water samples were filtered in the laboratory.

Sample containers and preservatives are summarized on the COC form included in Appendix C, as well as the laboratory reports.

3.4 Quality Assurance/Quality Control

The following section describes the quality assurance/quality control (QA/QC) measures that were followed during this sampling event.

- ***Decontamination Procedures*** – To minimize the potential for cross-contamination between sampling locations, groundwater sampling equipment was cleaned and triple-rinsed prior to initiating work and between each sampling location.

- ***Chain-of-Custody Procedures*** – A COC form accompanied all samples submitted for analysis. The forms are included in Appendix C. The COC forms documented the handling and shipping procedures as well as identifying and ensuring traceability of the samples collected. The COC form was completed and signed by the sample collector and subsequently signed through all custody transfers. At the analytical laboratory, the COC form was checked for accuracy and completeness, then signed and dated by the laboratory custodian accepting the samples.

- ***Laboratory QA/QC Procedures*** – Established QA/QC procedures for analytical operation included sample custody procedures, standards of analytical precision and accuracy, analysis of control samples (spikes, blanks, and duplicates), data reduction, verification of raw analytical data, and maintenance of control charts to monitor analytical performance.

- ***Blank Samples*** – An equipment rinsate blank sample and a travel blank sample were collected during this sampling event.

3.5 Investigation Derived Waste

A small amount of purged groundwater generated during groundwater sampling activities was temporarily contained in a Department of Transportation (DOT)-approved 55-gallon drum pending disposal. The drum was appropriately labeled with sampling locations, date, time, and contents.

4.0 GROUNDWATER MONITORING AND SAMPLING RESULTS

The following summarizes the results of the groundwater monitoring event.

4.1 Groundwater Elevation and Gradient

The depth-to-water for the sampling period ranged from 2.92 feet to 5.58 feet below the top of the well casing in the wells. Groundwater elevations ranged from 7.72 feet to 9.46 feet relative to mean sea level (MSL; Table 2). Groundwater elevations are consistent with recent groundwater monitoring results (CSS, 2005).

A groundwater potentiometric surface map based on the groundwater elevation data for December 20, 2005, at the site is presented in Figure 3. Consistent with previous data (CSS, 2005; CSS, 2004), groundwater flow is towards the south with a gradient of approximately 0.004 feet per foot (ft/ft).

4.2 Field Parameters

Groundwater was monitored in the field during and following purging activities for the following parameters:

- Temperature (degrees Celsius).
- Electrical conductivity (micro mhos per centimeter).
- pH.
- Oxidation/reduction potential.
- Dissolved oxygen (milligrams per liter [mg/L]).
- Ferrous iron (mg/L).

Field parameter measurement results are included on the Groundwater Sample Collection Logs included in Appendix B.

4.3 Analytical Results for Groundwater Samples

Analytical results for groundwater samples analyzed during this event are presented in Tables 2 and 3. The following sections summarize the data.

4.3.1 VOCs and PAHs

One or more of the following VOCs were detected at or above the practical quantitation limit

(PQL; unless noted less than the PQL) in samples collected from wells OW-1, OW-5, OW-6, OW-7, and OW-8. A range of detected concentrations is provided. The detected concentrations are within the historic range of results.

- 1,1,1-Trichloroethane 0.66 micrograms per liter (µg/L)
- 1,1-Dichloroethane (1,1-DCA) 2.2 to 7.6 µg/L
- 1,1-Dichloroethene (1,1-DCE) 0.49 (less than PQL) to 8.3 µg/L
- 1,2-Dichlorobenzene (1,2-DCB) 1.4 to 26 µg/L
- 1,2-Dichloroethane (1,2-DCA) 0.39 (less than PQL) to 0.55 µg/L
- 1,3-Dichlorobenzene (1,3-DCB) 1.0 to 210 µg/L
- 1,4-Dichlorobenzene (1,4-DCB) 3.9 to 490 µg/L
- Benzene 4.4 µg/L
- Chlorobenzene (CB) 0.63 to 84 µg/L
- Methyl *tert*-butyl ether (MtBE) 0.26 (less than PQL) to 0.96 µg/L
- Trichloroethene (TCE) 0.33 (less than PQL) to 0.53 µg/L
- Vinyl chloride (VC) 0.39 (less than PQL) to 0.6 µg/L
- Xylenes 0.56 µg/L

The following low concentrations of PAHs were at or above the PQL (unless noted less than the PQL) in well OW-5 during this monitoring event.

- 2-Methylnaphthalene 0.96 µg/L
- Acenaphthene 0.31 µg/L
- Acenaphthylene 0.26 µg/L
- Anthracene 0.24 µg/L
- Fluoranthene 0.70 µg/L
- Fluorene 0.67 µg/L
- Naphthalene 13 µg/L
- Phenanthrene 0.13 (less than PQL) µg/L
- Pyrene 1.4 µg/L

4.3.2 TPH and Lead

TPHg was detected in wells OW-1, OW-5, and OW-7 at concentrations ranging from 33 µg/L to 330 µg/L. TPHd was detected in all wells sampled at concentrations ranging from 200 µg/L (well OW-2) to 510 µg/L (OW-7). TPHmo was detected in all wells sampled at

concentrations ranging from 470 µg/L (well OW-1) to 860 µg/L (OW-7). Dissolved lead was not detected in the samples analyzed (OW-2, OW-5, and OW-8) at or above the PQL.

4.3.3 Quality Assurance/Quality Control Results

The laboratory QA/QC data for surrogate recovery, matrix spike, and matrix spike duplicate were within the laboratory limits. Target analyses were not detected in either the travel blank or equipment rinsate blank associated with groundwater samples. In summary, the analytical data is considered valid for its intended use.

5.0 REFERENCES

CSS Environmental Services, Inc. 2005. Semi-Annual Groundwater Monitoring Report, Pacific Gas and Electric Company, Oakland General Construction Yard, 4930 Coliseum Way, Oakland, CA 94601. September 2.

CSS Environmental Services, Inc. 2004. Semi-Annual Groundwater Monitoring Report, Pacific Gas and Electric Company, Oakland General Construction Yard, 4930 Coliseum Way, Oakland, CA 94601. September 3.

TABLES

Second Semester 2005 Groundwater Monitoring Report
Pacific Gas and Electric Company
Oakland General Construction Yard
4930 Coliseum Way
Oakland, California
SECOR PN: 05OT.50265.00.0003
December 20, 2006

TABLE 1
Summary of Groundwater Elevation Data
Second Semester 2005 Groundwater Monitoring Report

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

Well Number	Sample Date	TOC Elevation (feet MSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet above MSL)
OW-1	12/20/2005	11.82	2.92	8.90
OW-2	12/20/2005	11.24	3.52	7.72
OW-4	12/20/2005	12.82	NM	--
OW-5	12/20/2005	13.24	3.78	9.46
OW-6	12/20/2005	13.61	4.18	9.43
OW-7	12/20/2005	15.00	5.58	9.42
OW-8	12/20/2005	11.19	3.10	8.09

Notes:

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

TABLE 2
Groundwater Analytical Results - TPH and Lead in Groundwater
Second Semester 2005 Groundwater Monitoring Report

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

Sample Name	Sample Date	Total Petroleum Hydrocarbons Method 8015M TPHg µg/L	TPHd µg/L	TPHmo µg/L	Dissolved Lead - Method 6010B µg/L
OW-1	12/20/05	53 [1]	390 [2]	470J	--
OW-2	12/20/05	<20	200 [2]	610	<3
OW-5	12/20/05	33 [3]	300 [2]	610	<3
OW-6	12/20/05	<20	440 [2]	760	--
OW-7	12/20/05	330 [1]	510 [2,4]	860	--
OW-8	12/20/05	<20	250 [2]	690	<3
TRAVEL BLANK	12/20/05	--	--	--	--
EB	12/20/05	<20	<50	<500	--

Notes:

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

TABLE 3
Groundwater Analytical Results - VOCs and PAHs in Groundwater
Second Semester 2005 Groundwater Monitoring Report

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

		Volatile Organic Compounds-Method 8260B													Polynuclear Aromatic Hydrocarbons - Method 8270 SIM									Ferrous Iron - Field Hach Test
Sample Name	Sample Date	1,1,1-TCA µg/L	1,1-DCA µg/L	1,1-DCE µg/L	1,2-DCB µg/L	1,2-DCA µg/L	1,3-DCB µg/L	1,4-DCB µg/L	Benzene µg/L	CB µg/L	MtBE µg/L	TCE µg/L	VC µg/L	Xylenes µg/L	2-MN µg/L	Acena-pthene µg/L	Acenapth-ylene µg/L	Anthra-cene µg/L	Fluoran-thene µg/L	Fluorene µg/L	Naphth-alene µg/L	Phenan-threne µg/L	Pyrene µg/L	mg/L
OW-1	12/20/05	**0.66**	**7.6**	**8.3**	**4.6**	**0.39J**	**37**	**110**	<0.5	**8.8**	**0.96**	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	0.16
OW-2	12/20/05	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.00
OW-5	12/20/05	<0.5	**2.2**	**0.49J**	<0.5	<0.5	**1.0**	**3.9**	**4.4**	**0.63**	<0.5	**0.33J**	**0.6**	**0.56**	**0.96**	**0.31**	**0.26**	**0.24**	**0.70**	**0.67**	**13**	**0.13J**	**1.4**	0.47
OW-6	12/20/05	<0.5	**7.0**	**3.1**	**1.4**	<0.5	**8.6**	**25**	<0.5	**5.8**	**0.53**	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.41
OW-7	12/20/05	<0.5	**7.0**	**6.3**	**26**	**0.42J**	**210 [1],190**	**420 [1], 490**	<0.5	**84**	**0.26J**	**0.53**	**0.39J**	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.80
OW-8	12/20/05	<0.5	<1	<0.5	<0.5	**0.55**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.35
TRAVEL BLANK	12/20/05	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--
EB	12/20/05	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	--

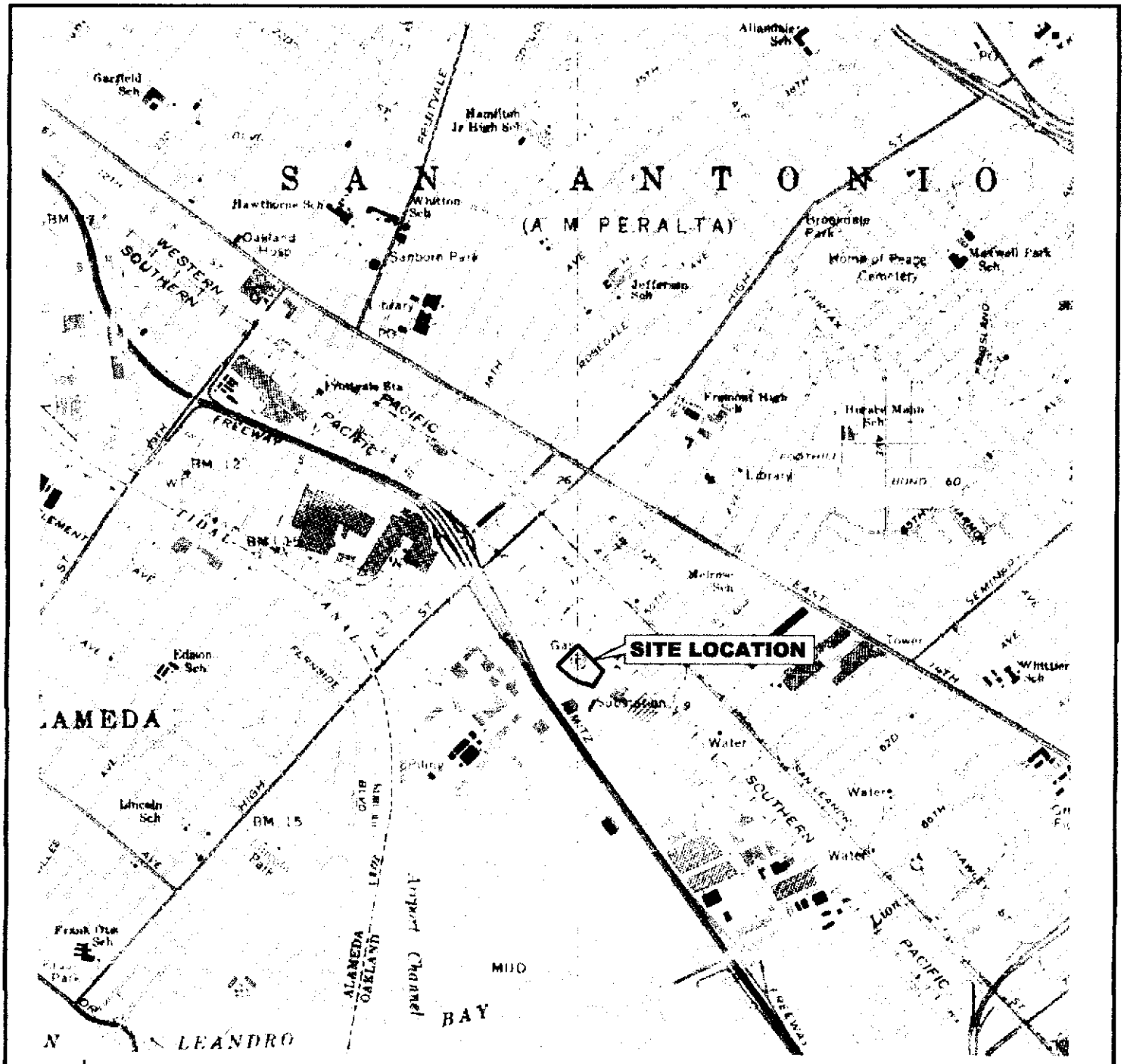
Notes:

µg/L = Micrograms per liter.
mg/L = Milligrams per liter.
1,1,1-TCA = 1,1,1-Trichloroethane
1,1-DCA = 1,1-Dichloroethane
1,1-DCE = 1,1-Dichloroethene
1,2-DCB = 1,2-Dichlorobenzene
1,2-DCA = 1,2-Dichloroethane
1,3-DCB = 1,3-Dichlorobenzene
1,4-DCB = 1,4-Dichlorobenzene
CB = Chlorobenzene
MTBE = Methyl *tert*-butyl ether
TCE = Trichloroethene
VC = Vinyl Chloride
2-MN = 2-Methylnaphthalene

J = Estimated result. Result is less than the practical quantitation limit.
1 = The reported value exceeds linear range.
< = Not detected at or above the practical quantitation limit.

FIGURES

Second Semester 2005 Groundwater Monitoring Report
Pacific Gas and Electric Company
Oakland General Construction Yard
4930 Coliseum Way
Oakland, California
SECOR PN: 05OT.50265.00.0003
December 20, 2006



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

SECOR
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Lafayette, California
PHONE: (925) 299-9300 FAX: (925) 299-9302

FOR:
PG&E
OAKLAND GENERAL SERVICE YARD
4930 COLISEUM WAY
OAKLAND, CALIFORNIA

SITE LOCATION MAP

DRAWING
1

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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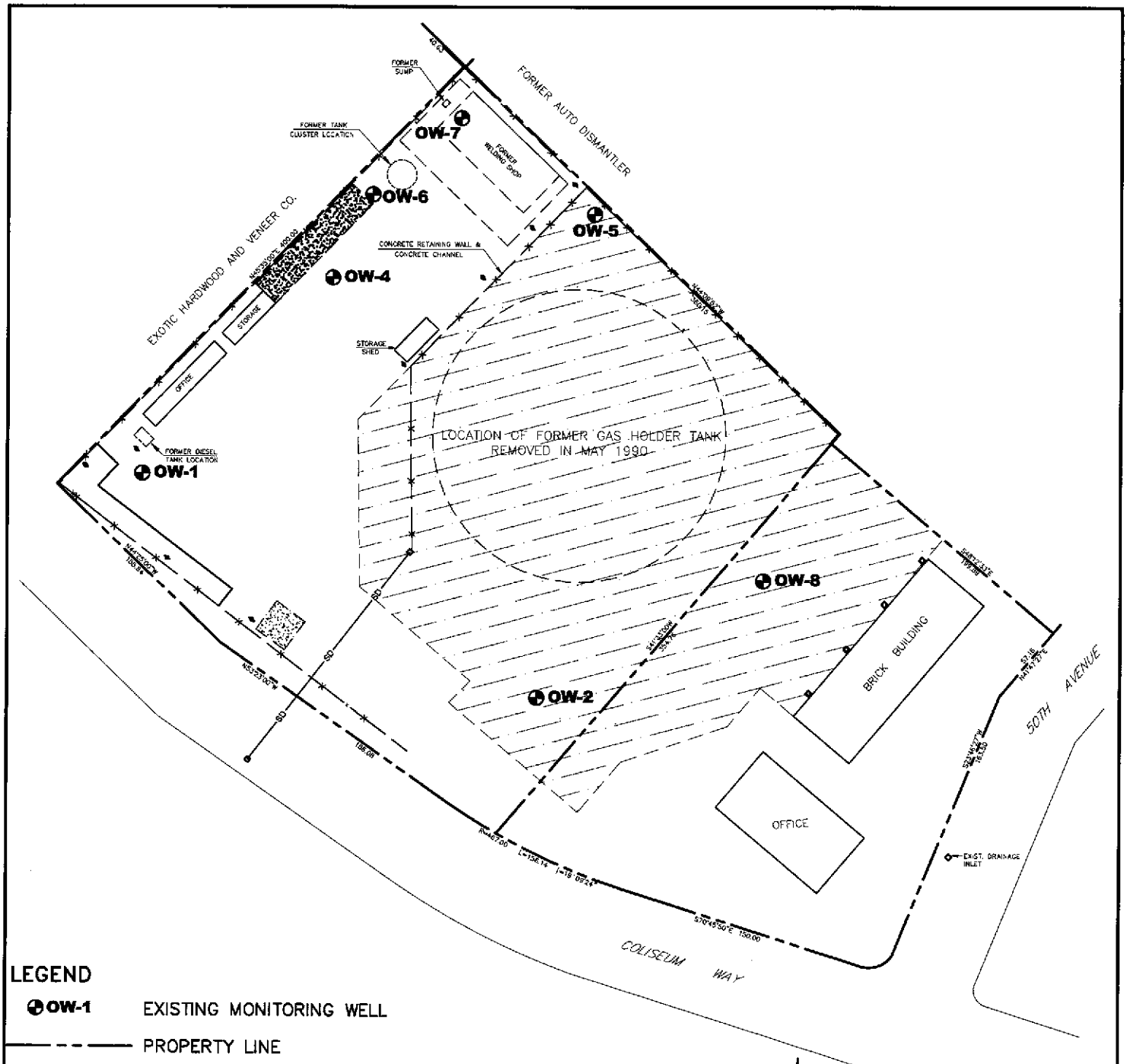

REFERENCE: BASE MAP BY CSS ENVIROMENTAL SERVICES, INC.
FIGURE 4.1 BY ES DATED 08/2005
JOB #6118; 01/1999

SECOR
57 Lafayette Circle, 2nd Floor
Lafayette, California
PHONE:(925) 299-9300 FAX:(925) 299-9302

FOR:		DRAWING
PG&E OAKLAND GENERAL SERVICE YARD 4930 COLISEUM WAY OAKLAND, CALIFORNIA	SITE PLAN	2

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
05OT.50265.00.0003	RRR	AM	AM/GH	02/08/06

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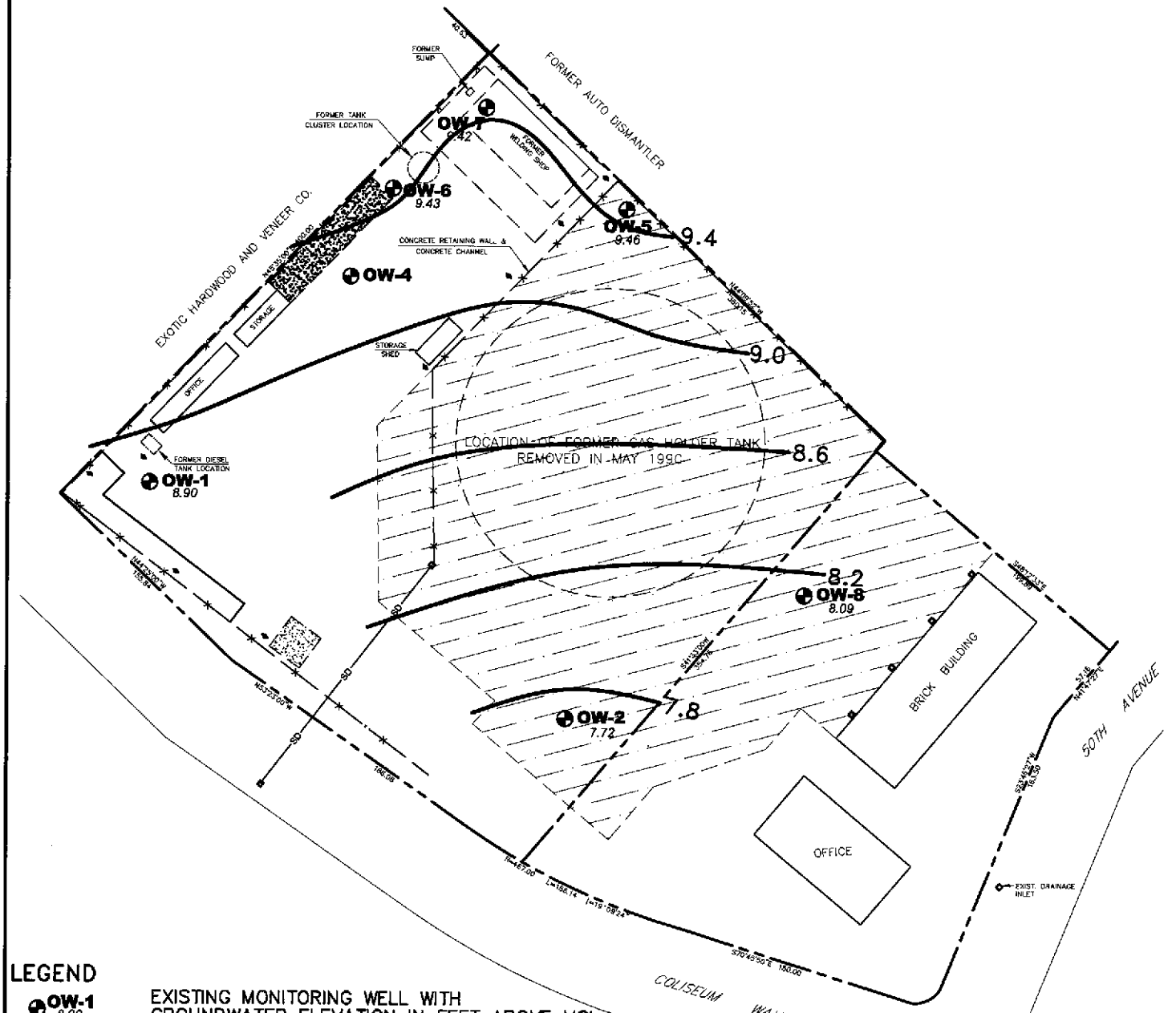

LEGEND

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

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

SECOR
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Lafayette, California
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FOR: PG&E
OAKLAND GENERAL SERVICE YARD
4930 COLISEUM WAY
OAKLAND, CALIFORNIA

POTENTIOMETRIC SURFACE MAP
DECEMBER 2005

DRAWING 3

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
05OT.50265.00.0003	RRR	AM	AM/GH	02/08/06

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APPENDIX A
Historical Site Data

Second Semester 2005 Groundwater Monitoring Report
Pacific Gas and Electric Company
Oakland General Construction Yard
4930 Coliseum Way
Oakland, California
SECOR PN: 05OT.50265.00.0003
December 20, 2006

SEMI-ANNUAL GROUNDWATER MONITORING REPORT

PACIFIC GAS AND ELECTRIC COMPANY
OAKLAND GENERAL CONSTRUCTION YARD
4930 COLISEUM WAY
OAKLAND, CA 94601

Prepared for

Pacific Gas and Electric Company®

PACIFIC GAS AND ELECTRIC COMPANY
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CSS

CSS ENVIRONMENTAL SERVICES, INC.
95 Belvedere Street, Suite 2
San Rafael, California 94901

September 2, 2005

Aaron N. Stessman, PE REA
Principal Engineer

Table 3.1 Analytical Results for Monitoring Well Samples on June 29, 2005 (in ug/L)

	Well Number						
PURGEABLE HALOCARBONS	OW-1	OW-2	OW-4	OW-5	OW-6	OW-7	OW-8
Dichlorodifluoromethane	NA	NA	NA	< 1.0	< 1.0	< 20	NA
Chloromethane	NA	NA	NA	< 1.0	< 1.0	< 10	NA
Bromomethane	NA	NA	NA	< 1.0	< 1.0	< 20	NA
Vinyl chloride	NA	NA	NA	< 0.5	< 0.5	< 20	NA
Chloroethane	NA	NA	NA	< 1.0	< 1.0	<20	NA
Methylene Chloride	NA	NA	NA	< 5.0	< 5.0	< 100	NA
Trichlorofluoromethane	NA	NA	NA	< 1.0	< 1.0	< 10	NA
1,1-Dichloroethene	NA	NA	NA	0.9	8.3	< 10	NA
1,1-Dichloroethane	NA	NA	NA	3.0	8.4	<10	NA
cis-1,2-Dichloroethene	NA	NA	NA	< 0.5	< 0.5	< 10	NA
trans-1,2-Dichloroethene	NA	NA	NA	< 0.5	< 0.5	< 10	NA
Chloroform	NA	NA	NA	< 0.5	< 0.5	< 10	NA
Freon 113	NA	NA	NA	< 0.5	< 0.5	< 10	NA
1,2-Dichloroethane	NA	NA	NA	< 0.5	< 0.5	< 10	NA
1,1,1-Trichloroethane	NA	NA	NA	< 0.5	< 0.5	< 10	NA
Carbon Tetrachloride	NA	NA	NA	< 0.5	< 0.5	< 10	NA
Bromodichloromethane	NA	NA	NA	< 0.5	< 0.5	< 10	NA
1,2-Dichloropropane	NA	NA	NA	< 0.5	< 0.5	< 10	NA
cis-1,3-Dichloropropene	NA	NA	NA	< 0.5	< 0.5	< 10	NA
Trichloroethylene	NA	NA	NA	< 0.5	< 0.5	< 10	NA
1,1,2-Trichloroethane	NA	NA	NA	< 0.5	< 0.5	< 10	NA
trans-1,3-Dichloropropene	NA	NA	NA	< 0.5	< 0.5	< 10	NA
Dibromochloromethane	NA	NA	NA	< 0.5	< 0.5	< 10	NA
2-Chloroethylvinyl Ether	NA	NA	NA	< 0.5	< 0.5	< 10	NA
Bromoform	NA	NA	NA	< 2.0	< 2.0	<40	NA
Tetrachloroethylene	NA	NA	NA	< 0.5	< 0.5	< 10	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	< 0.5	< 0.5	< 10	NA
Chlorobenzene	NA	NA	NA	1.3	19	92	NA
1,3-Dichlorobenzene	NA	NA	NA	1.1	13	250	NA
1,2-Dichlorobenzene	NA	NA	NA	< 0.5	1.7	29	NA
1,4-Dichlorobenzene	NA	NA	NA	4.6	38	710	NA
PURGEABLE AROMATICS							
Benzene	< 0.5	NA	NA	14	< 0.5	< 0.5	NA
Toluene	< 0.5	NA	NA	< 0.5	< 0.5	< 0.5	NA
Ethylbenzene	< 0.5	NA	NA	< 0.5	< 0.5	< 0.5	NA
Total Xylenes	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	NA
HYDROCARBONS							
TPH-G	110[Q6]	NA	NA	180[Q1]	65[Q6]	1100[Q6]	NA
TPH-D	290	NA	NA	1200	710	2000	NA
METALS							
Dissolved Lead	NA	<5.0	NA	<5.0	NA	NA	<5.0

Notes:
Purgeable Halocarbons (EPA Method 8021B/8260B)
Purgeable Aromatics (EPA Method 8260B)
TPH-G (Total Petroleum Hydrocarbons as Gasoline by EPA Method 8260B)
TPH-D (Total Petroleum Hydrocarbons as Diesel by EPA Method 8015M)
Metals (EPA Method 6010B). Samples were field filtered.
Q1 Laboratory Note: "Quantit. of unknown hydrocarbon(s) in sample based on gasoline."
Q2 Laboratory Note: "Quantit. of unknown hydrocarbon(s) in sample based on diesel."
Q6 Laboratory Note: "The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.
NA = Not Analyzed or analysis Not Applicable according to current monitoring program.

FIGURE 3.1
TPH-DIESEL in OW - 1, 2, & 5

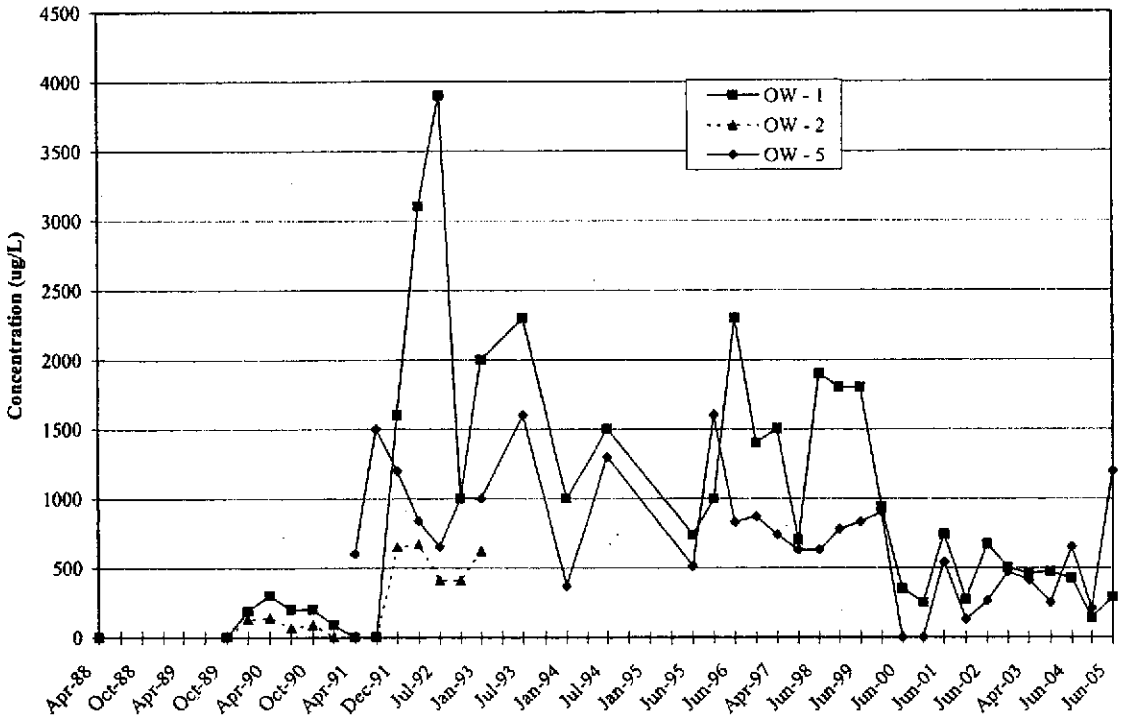


FIGURE 3.2
TPH-DIESEL in OW - 4, 3/6, & 7

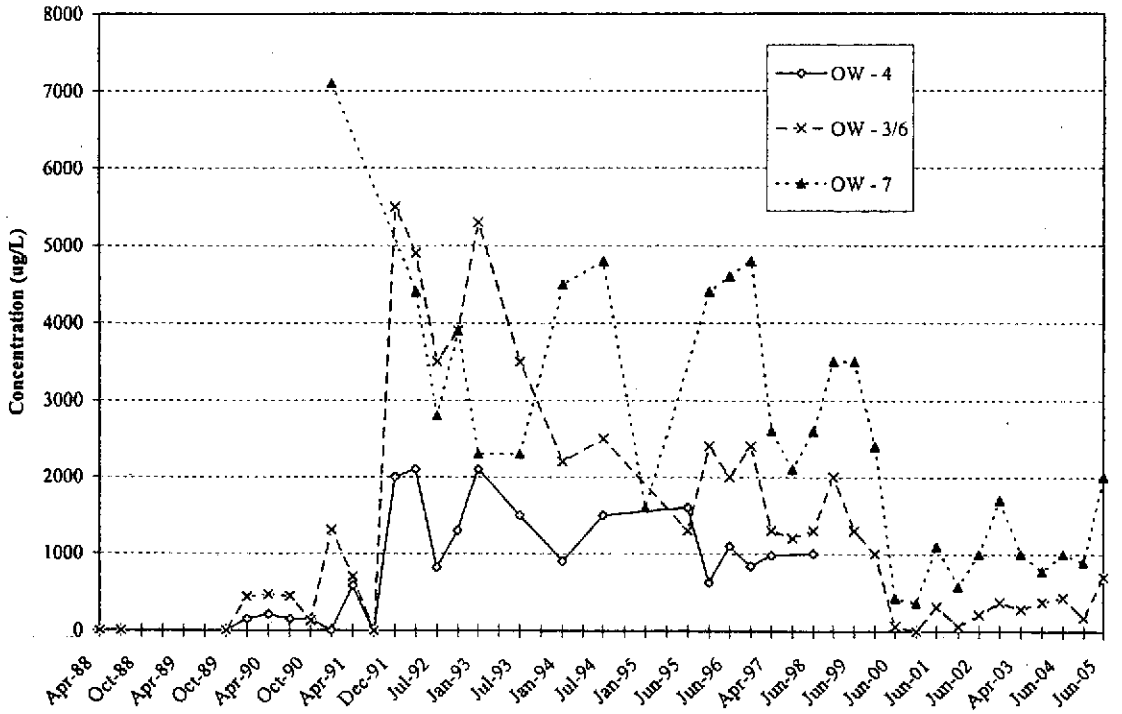


FIGURE 3.3
TPH-GASOLINE in OW - 1 & 7

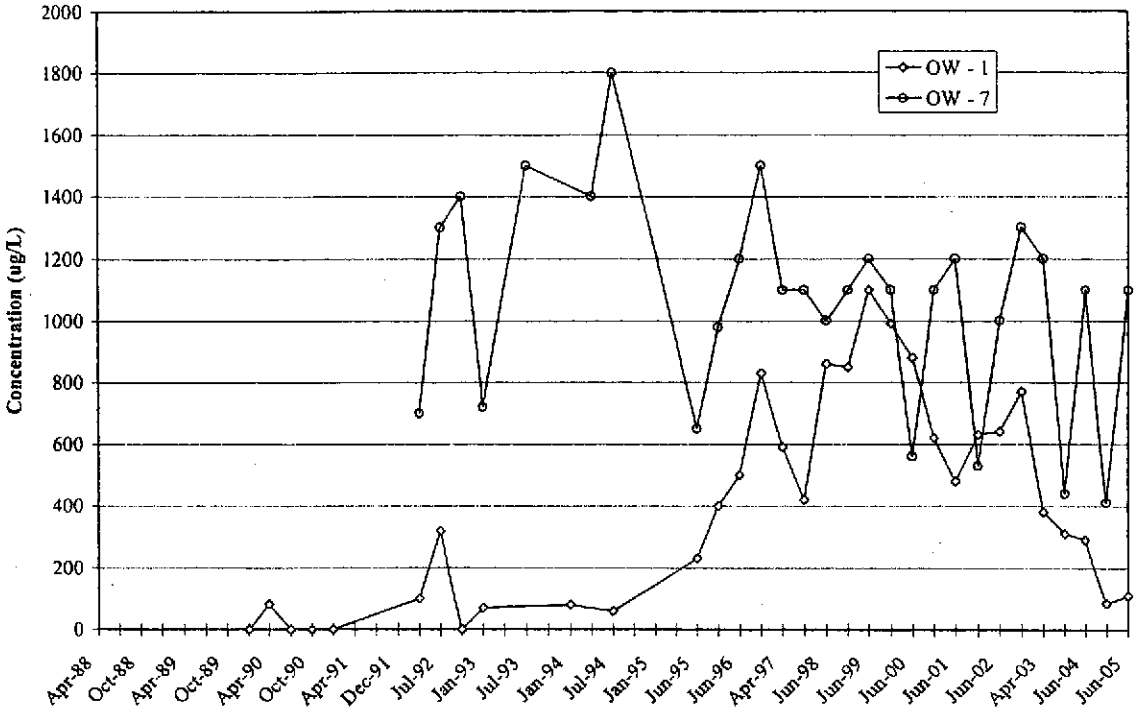


FIGURE 3.4
TPH-GASOLINE in OW - 5 & 3/6

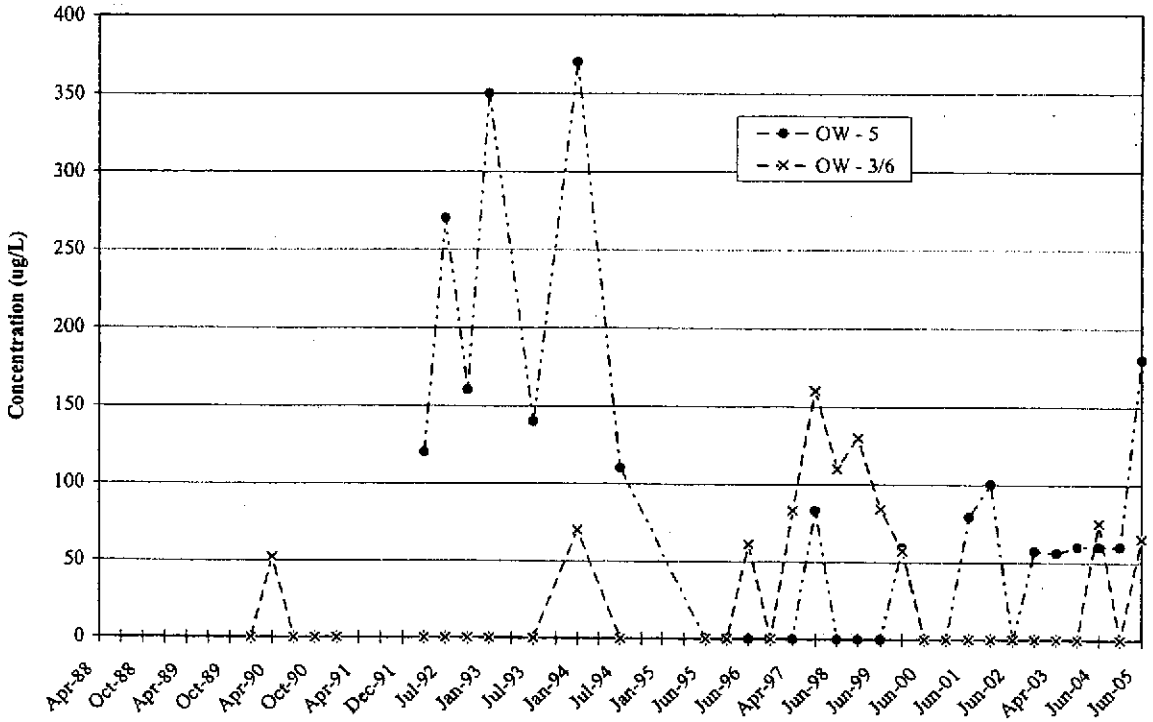


FIGURE 3.5
TOTAL VOCs in OW-1, 2, & 4

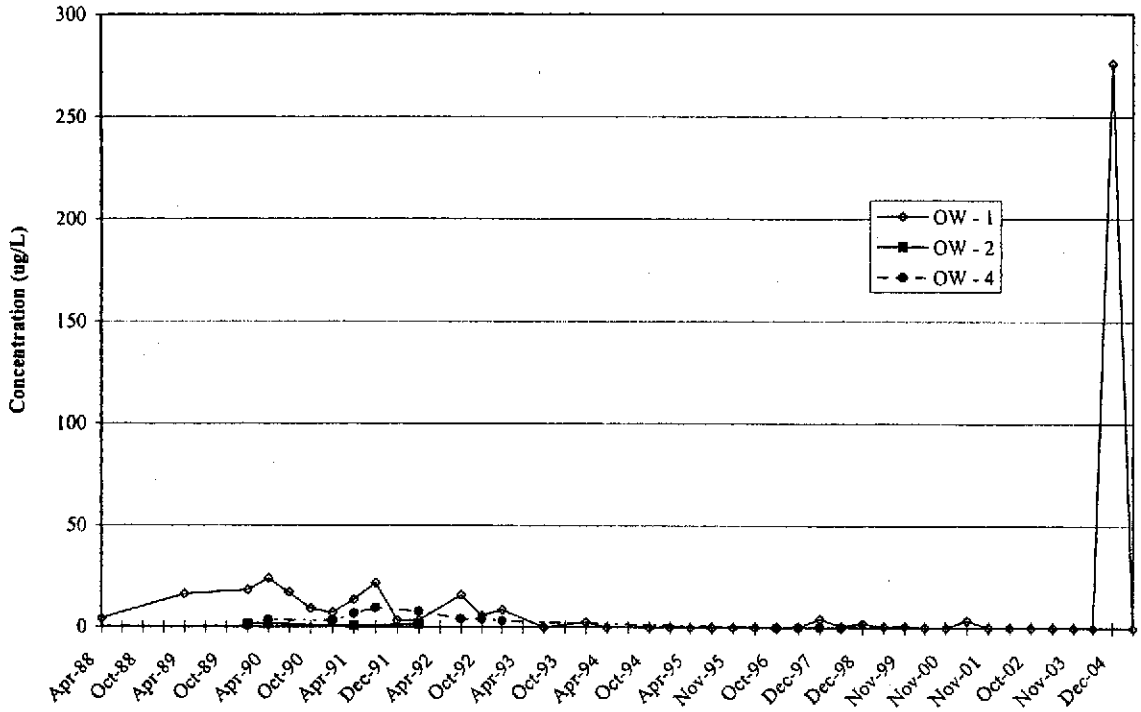


FIGURE 3.6
TOTAL VOCS in OW-5, 6, & 7*

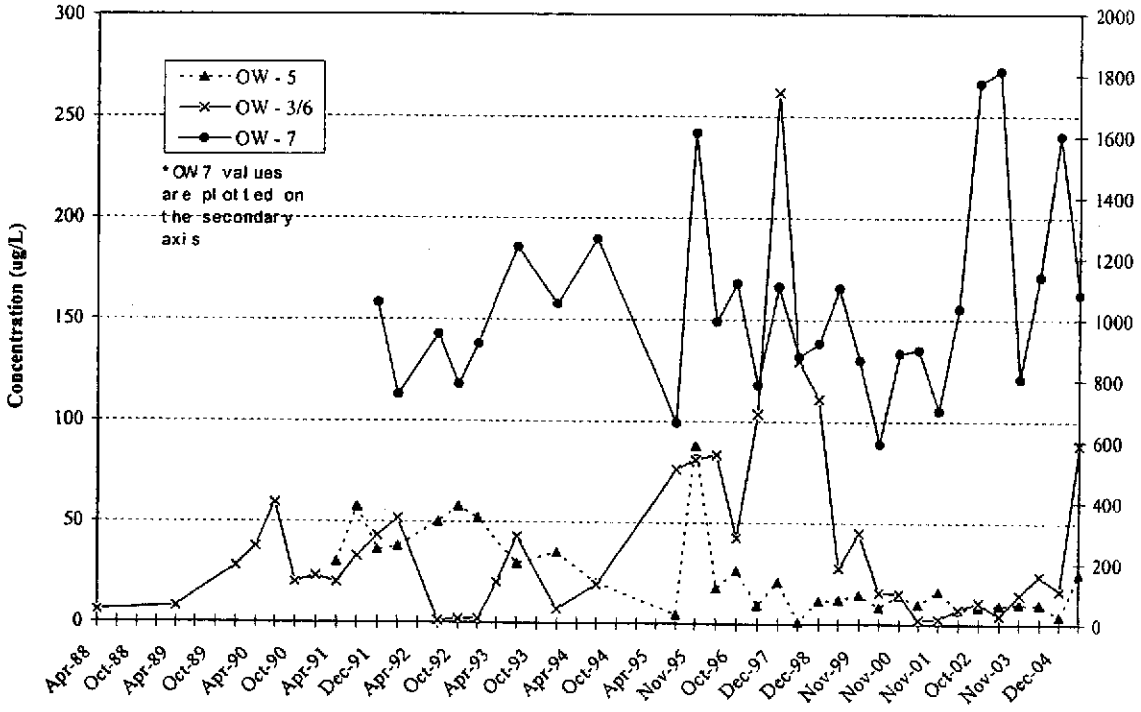
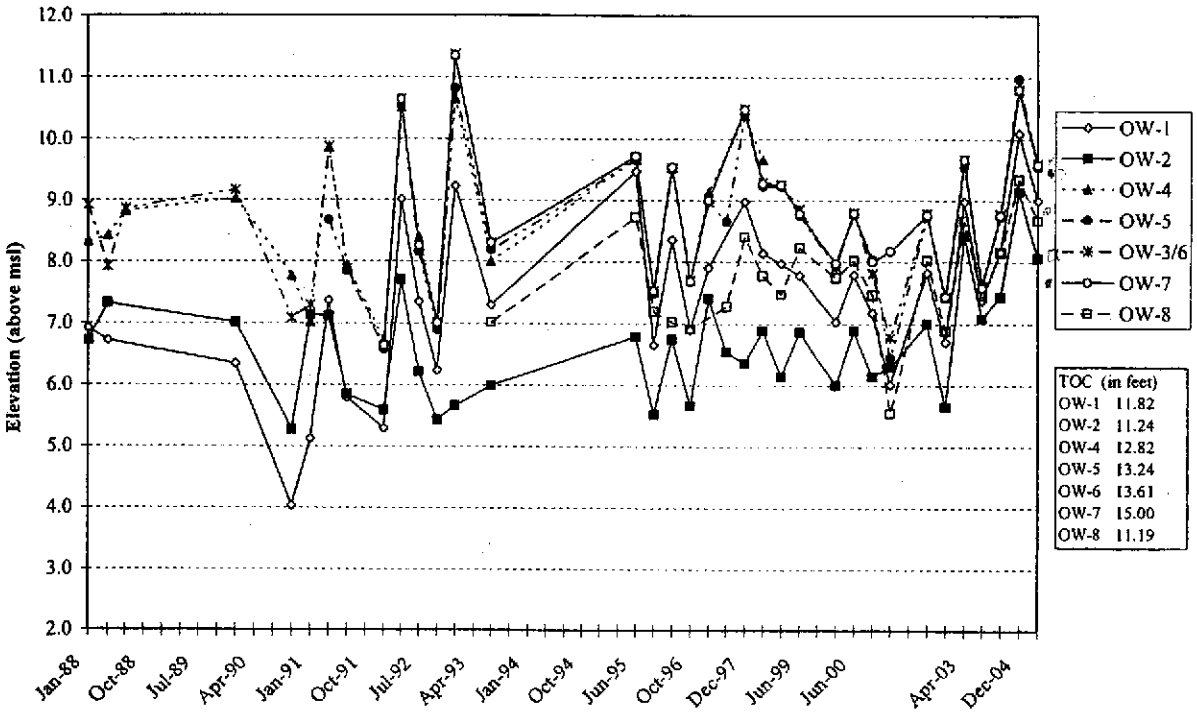


FIGURE 4.2
HISTORICAL GROUNDWATER ELEVATIONS



Historical Groundwater Analytical Data

Well ID	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	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	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	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	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	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	ND	5	4	4	2	2	1	2.6	4.6	ND	ND	ND	1	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	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	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	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	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	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	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	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	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	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	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	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	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	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	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-Chloroethyivinyl 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	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	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	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	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	1.8	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	NA	NA	ND	ND	ND	ND	ND	0.58	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	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	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	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	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	0.6	NA	ND	NA	ND	ND	NA	ND	ND	ND	ND	2.3	ND	0.76	ND	ND
Total Xylenes		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	1.1	ND	0.67	ND	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	4.06	0.67	1.93	0.55	0.59
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	850	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	1800	1800	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
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	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:
Purgeable Halocarbons (EPA Method 8021B/8260B)
Purgeable Aromatics (EPA Method 8260B)
TPH-G (Total Petroleum Hydrocarbons as Gasoline by EPA Method 8260B)
TPH-D (Total Petroleum Hydrocarbons as Diesel by EPA Method 8015M)
Metals (EPA Method 6010B). Samples were field filtered.
ND = Not Detected at or above MDL
NA = Not Analyzed or analysis Not Applicable according to current monitoring program.
Samples on 8/17/02 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	OW-1	OW-1
Date	Jun-00	Nov-00	Jun-01	Nov-01	Jun-02	Oct-02	Apr-03	Nov-03	Jun-04	Dec-04	Jun-05
PURGEABLE HALOCARBONS											
Chloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Bromomethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Vinyl chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
1,1-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.5	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.3	NA
cis-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Freon 113	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
1,2-Dichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.64	NA
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.57	NA
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Bromodichloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
1,2-Dichloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Trichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Dibromochloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
2-Chloroethylvinyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Bromoform	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Tetrachloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Chlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	15	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	56	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.9	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	180	NA
PURGEABLE AROMATICS											
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ND	ND	3.4	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs	NA	NA	3.4	NA	NA	NA	NA	NA	NA	275.91	NA
HYDROCARBONS											
TVH-g	860	620	480	630	640	770	380	310	290	85	110
TEPH-d	350	250	740	270	670	500	460	470	420	140	290
O&G	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
METALS											
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
Purgeable Halocarbons (EPA Method 8021B/8260B)
Purgeable Aromatics (EPA Method 8260B)
TPH-G (Total Petroleum Hydrocarbons as Gasoline by EPA Method 8260B)
TPH-D (Total Petroleum Hydrocarbons as Diesel by EPA Method 8015M)
Metals (EPA Method 6010B). Samples were field filtered.
ND = Not Detected at or above MDL
NA = Not Analyzed or analysis Not Applicable according to current monitoring program.
Samples on 6/17/02 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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	NO	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	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	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	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	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	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	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	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	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	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		ND	0.4	0.8	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	68	90	< 50	< 200	< 50	650	670	410	410	620	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	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:
Purgeable Halocarbons (EPA Method 8021B/8260B)
Purgeable Aromatics (EPA Method 8260B)
TPH-G (Total Petroleum Hydrocarbons as Gasoline by EPA Method 8260B)
TPH-D (Total Petroleum Hydrocarbons as Diesel by EPA Method 8015M)
Metals (EPA Method 6010B). Samples were field filtered.
ND = Not Detected at or above MDL
NA = Not Analyzed or analysis Not Applicable according to current monitoring program.
Samples on 6/17/02 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	OW-2	OW-2
Date	Jun-00	Nov-00	Jun-01	Nov-01	Jun-02	Oct-02	Apr-03	Nov-03	Jun-04	Dec-04	Jun-05
PURGEABLE HALOCARBONS											
Chloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethene	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
1,1-Dichloroethane	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
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Freon 113	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
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	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
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethane	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
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	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
Bromoform	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	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
Chlorobenzene	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
1,2-Dichlorobenzene	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
PURGEABLE AROMATICS											
Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL VOCs	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
TEPH-d	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
O&G	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
METALS											
Lead	ND	ND	ND	ND	ND	ND	ND	ND	ND	9	ND

Notes:
Purgeable Halocarbons (EPA Method 8021B/8260B)
Purgeable Aromatics (EPA Method 8260B)
TPH-G (Total Petroleum Hydrocarbons as Gasoline by EPA Method 8260B)
TPH-D (Total Petroleum Hydrocarbons as Diesel by EPA Method 8015M)
Metals (EPA Method 6010B) Samples were field filtered.
ND = Not Detected at or above MDL
NA = Not Analyzed or analysis Not Applicable according to current monitoring program.
Samples on 6/17/02 analyzed for VOCs out of holding time due to laboratory error

Historical Groundwater Analytical Data

Well ID	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	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	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	NA
Vinyl chloride	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	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	NA
Methylene Chloride	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	NA
Trichlorofluoromethane	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	NA
1,1-Dichloroethene	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	NA
1,1-Dichloroethane	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	NA
cis-1,2-Dichloroethene	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	NA
trans-1,2-Dichloroethene	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	NA
Chloroform	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	NA
Freon 113	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	NA
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	0.49	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	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	NA
Carbon Tetrachloride	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	NA
Bromodichloromethane	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	NA
1,2-Dichloropropane	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	NA
cis-1,3-Dichloropropene	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	NA
Trichloroethene	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	NA
1,1,2-Trichloroethane	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	NA
trans-1,3-Dichloropropene	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	NA
Dibromochloromethane	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	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	NA
Bromoform	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	NA
Tetrachloroethene	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	NA
1,1,2,2-Tetrachloroethane	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	NA
Chlorobenzene	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	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	NA
1,2-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	NA
1,4-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	NA
PURGEABLE AROMATICS																																	
Benzene	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	NA
Toluene	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	NA
Ethylbenzene	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	NA
Total Xylenes	ND	ND	0.6	2	ND	ND	ND	ND	ND	ND	0.7	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
TOTAL VOCs	NA	NA	0.6	3.4	NA	NA	3	6.59	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	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	NA
TEPH-d	< 1000	< 1000	150	210	150	150	<50	580	< 50	2000	2100	820	1300	2100	NA	1500	NA	NA	NA	1600	630	1100	840	980	NA	1000	NA	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	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	NA
METALS																																	
Lead	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	NA

Notes:
Purgeable Halocarbons (EPA Method 8021B/8260B)
Purgeable Aromatics (EPA Method 8260B)
TPH-G (Total Petroleum Hydrocarbons as Gasoline by EPA Method 8260B)
TPH-D (Total Petroleum Hydrocarbons as Diesel by EPA Method 8015M)
Metals (EPA Method 6010B). Samples were field filtered.
ND = Not Detected at or above MDL
NA = Not Analyzed or analysis Not Applicable according to current monitoring program.
Samples on 6/17/02 analyzed for VOCs out of holding time due to laboratory error

Historical Groundwater Analytical Data

Well ID	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	OW-5	OW-5	OW-5
Date	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-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	Apr-03	Jun-04	Dec-04	Jun-05
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	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	ND	ND
Vinyl chloride	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	0.55	ND	ND	ND	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	ND	ND
Methylene Chloride	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	ND	ND
Trichlorofluoromethane	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	ND	ND
1,1-Dichloroethene	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	ND	0.9
1,1-Dichloroethane	1.8	7.2	ND	4	8	13	5	6	NA	2	NA	4	3.2	7.9	2.5	6.9	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	1.6	3.0
cis-1,2-Dichloroethene	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	ND	ND
trans-1,2-Dichloroethene	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	ND	ND
Chloroform	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	ND	ND
Freon 113	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	ND	ND
1,2-Dichloroethane	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	ND	ND
1,1,1-Trichloroethane	6	26	18	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	ND	ND
Carbon Tetrachloride	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	ND	ND
Bromodichloromethane	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	ND	ND
1,2-Dichloropropane	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	ND	ND
cis-1,3-Dichloropropene	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	ND	ND
Trichloroethene	0.75	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	0.7	0.8	0.9	ND	0.55	0.7	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	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	ND	ND
trans-1,3-Dichloropropene	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	ND	ND
Dibromochloromethane	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	ND	ND
2-Chloroethylvinyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	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	ND	ND
Tetrachloroethene	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	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	NO	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	NO	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	ND	1.3
1,3-Dichlorobenzene	ND	ND	ND	NO	ND	NO	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	NO	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.55	ND	ND	1.1
1,2-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	ND	ND	ND
1,4-Dichlorobenzene	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	1.1	4.6
PURGEABLE AROMATICS																																	
Benzene	14	20	11	15	11	13	26	14	NA	21	NA	11		11	15	18	3.8	15	ND	7.3	8.2	11	6.3	10	7.7	13	6.3	6.0	6.9	7.0	5.0	1.3	14
Toluene	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	ND
Ethylbenzene	0.58	ND	ND	0.6	ND	ND	0.7	ND	NA	0.7	NA	0.6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.56	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	5.6	4	6.9	5.1	6	3.6	13	2.4	NA	8.2	NA	1.3		ND	ND	ND	ND	2.74	ND	ND	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	9.3	9.95	9.75	4.0	24.9
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	56	60	60	60	180
TEPH-d	600	1500	1200	840	650	1000	1000	1600	NA	510	NA	1300	510	1600	830	870	740	630	630	780	830	900	ND	ND	540	130	260	470	410	250	650	210	1200
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	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	NA	NA
METALS																																	
Lead	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	53	ND

Notes:
Purgeable Halocarbons (EPA Method 8021B/8260B)
Purgeable Aromatics (EPA Method 8260B)
TPH-G (Total Petroleum Hydrocarbons as Gasoline by EPA Method 8260B)
TPH-D (Total Petroleum Hydrocarbons as Diesel by EPA Method 8015M)
Metals (EPA Method 6010B). Samples were field filtered.
ND = Not Detected at or above MDL
NA = Not Analyzed or analysis Not Applicable according to current monitoring program.
Samples on 6/17/02 analyzed for VOCs out of holding time due to laboratory error

Historical Groundwater Analytical Data

Well ID	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-5	OW-5	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	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	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	ND
Vinyl chloride	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
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	ND
Methylene Chloride	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	ND
Trichlorofluoromethane	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	ND
1,1-Dichloroethene	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-Dichloroethane	4	5	28	29	14	17	17	15	16	41	ND	1	2	2	10	23	NA	7	17	31	8.8	10	5.4	7	7.7	3.3	4.6	2.1	3.1
cis-1,2-Dichloroethene	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	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	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	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	ND	ND	ND	ND	ND	ND	ND	ND	0.55	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND	ND	ND	ND	ND	10	18	NA	ND	ND	3.9	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	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	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	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	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	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	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	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	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
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	ND	ND
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	
Tetrachloroethene	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	1.1	ND
1,1,2,2-Tetrachloroethane	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	ND	1	ND	ND	ND	ND	ND	1	2.3	2	5.7	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NA	NA	NA	3	ND	2	2	1	3.3	ND	15	ND	ND	ND	ND	ND	NA	ND	ND	11	7.4	20	10	25	46	30	27	5.4	9.2
1,2-Dichlorobenzene	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	NA	NA	NA	2	ND	ND	2	1	3.1	ND	23	ND	ND	ND	ND	ND	NA	ND	ND	2.9	16	46	26	85	140	84	68	19	30
PURGEABLE AROMATICS																													
Benzene	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	ND	ND	ND	0.4	0.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	0.5	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
Total Xylenes			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	37.6	59.4	20	23	20	32.81	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	27.6	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	4900	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
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
METALS																													
Lead	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
Purgeable Halocarbons (EPA Method 8021B/8260B)
Purgeable Aromatics (EPA Method 8260B)
TPH-G (Total Petroleum Hydrocarbons as Gasoline by EPA Method 8260B)
TPH-D (Total Petroleum Hydrocarbons as Diesel by EPA Method 8015M)
Metals (EPA Method 6010B). Samples were field filtered.
ND = Not Detected at or above MDL
NA = Not Analyzed or analysis Not Applicable according to current monitoring program.
Samples on 6/17/02 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	OW-6	OW-6
Date	Jun-00	Nov-00	Jun-01	Nov-01	Jun-02	Oct-02	Apr-03	Nov-03	Jun-04	Dec-04	Jun-05
PURGEABLE HALOCARBONS											
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	1.5	0.82	8.3
1,1-Dichloroethane	1.4	2.3	1.4	1.8	1.3	1.5	1.2	2.8	4.9	3.9	8.4
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	0.76	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	0.7	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	2.5	6.5	0.51	19
1,3-Dichlorobenzene	3	2.7	ND	ND	1.1	2.0	ND	1.9	2.5	2.7	13.0
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	0.54	ND	1.7
1,4-Dichlorobenzene	11	10	ND	ND	5.0	7.2	3.0	7.2	8.0	8.5	38
PURGEABLE AROMATICS											
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ND	ND	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	23.9	16.4	88.4
HYDROCARBONS											
TVH-g	ND	ND	ND	ND	ND	ND	ND	ND	75	ND	65
TEPH-d	66	ND	320	65	220	380	290	380	440	180	710
O&G	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
METALS											
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
Purgeable Halocarbons (EPA Method 8021B/8260B)
Purgeable Aromatics (EPA Method 8260B)
TPH-G (Total Petroleum Hydrocarbons as Gasoline by EPA Method 8260B)
TPH-D (Total Petroleum Hydrocarbons as Diesel by EPA Method 8015M)
Metals (EPA Method 6010B). Samples were field filtered.
ND = Not Detected at or above MDL
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Samples on 6/17/02 analyzed for VOCs out of holding time due to laboratory error

Historical Groundwater Analytical Data

Well ID	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	OW-7	OW-7
Date	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	Dec-04	Jun-05
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	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	ND	ND
Vinyl chloride	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	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	ND	ND
Methylene Chloride	14	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	ND	ND
Trichlorofluoromethane	ND	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	ND	ND
1,1-Dichloroethene	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	ND	ND
1,1-Dichloroethane	ND	16	ND	ND	25	NA	14	NA	8	ND	5.5	25	6.5	6.6	4.3	9.8	4.1	5.7	ND	6.3	ND	ND	ND	ND	ND	ND	ND	ND	6.8	10	ND
cis-1,2-Dichloroethene	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	ND	ND	ND
trans-1,2-Dichloroethene	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	ND	ND	ND
Chloroform	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	ND	ND	ND
Freon 113	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	ND	ND	ND
1,2-Dichloroethane	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	ND	ND	ND
1,1,1-Trichloroethane	10	460	29	80	530	NA	73	NA	76	28	33	41	18	6.6	7.9	31	5.9	5.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	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	ND	ND	ND
Bromodichloromethane	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	ND	ND	ND
1,2-Dichloropropane	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	ND	ND	ND
cis-1,3-Dichloropropene	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	ND	ND	ND
Trichloroethene	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	ND	ND	ND
1,1,2-Trichloroethane	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	ND	ND	ND
trans-1,3-Dichloropropene	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	ND	ND	ND
Dibromochloromethane	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	ND	ND	ND
2-Chloroethylvinyl Ether	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	ND	ND	ND
Bromoform	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	ND	ND	ND
Tetrachloroethene	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	ND	ND	ND
1,1,2,2-Tetrachloroethane	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	ND	ND	ND
Chlorobenzene	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	68	110	94	92
1,3-Dichlorobenzene	460	130	420	330	170	NA	540	NA	450	570	270	400	380	440	290	360	340	360	420	330	220	330	320	260	420	630	630	210	240	340	250
1,2-Dichlorobenzene	120	22	95	77	33	NA	470	NA	78	100	290	61	62	74	47	57	50	48	67	44	44	49	42	56	89	120	75	26	33	45	29
1,4-Dichlorobenzene	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	1100	710
PURGEABLE AROMATICS																														
Benzene	ND	0.8	1	1.4	0.6	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	0.83	ND	ND	ND	ND	ND	ND	ND	0.89	ND
Toluene	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	ND	ND
Ethylbenzene	ND	ND	0.5	ND	ND	NA	ND	NA	ND	ND		ND	ND	ND	ND	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	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	ND	ND
TOTAL VOCs	1054	751.5	951	786.4	918.6	NA	1237.5	NA	1048.8	1263.2	661.5	1612.1	991.5	1118.2	784.76	1106.5	877.66	920.95	1101.8	886.92	592	888.83	889	701	1035	1774	1815	804	1139.7	1601.9	1081
HYDROCARBONS																														
TVH-g	NA	700	1300	1400	720	NA	1500	NA	1400	1800	650	980	1200	1500	1100	1100	1000	1100	1200	1100	580	1100	1200	530	1000	1300	1200	440	1100	410	1100
TEPH-d	7100	4400	2800	3900	2300	NA	4900	NA	4500	4800	1600	4400	4600	4800	2600	2100	2600	3500	3500	2400	430	370	1100	580	1000	1700	1000	780	1000	890	2000
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	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	NA	NA
METALS																														
Lead	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	NA	NA

Notes:
Purgeable Halocarbons (EPA Method 8021B/8260B)
Purgeable Aromatics (EPA Method 8260B)
TPH-G (Total Petroleum Hydrocarbons as Gasoline by EPA Method 8260B)
TPH-D (Total Petroleum Hydrocarbons as Diesel by EPA Method 8015M)
Metals (EPA Method 6010B). Samples were field filtered.
ND = Not Detected at or above MDL
NA = Not Analyzed or analysis Not Applicable according to current monitoring program.
Samples on 6/17/02 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	OW-8	OW-8
Date	Apr-93	Jul-93	Oct-93	Jan-94	Apr-94	Jul-94	Jun-95	Nov-95	Jun-96	Oct-96	Apr,Jun-9	Dec-97	Jun-97	Dec-98	Jun-99	Nov-99	Jun-00	Nov-00	Jun-01	Jun-02	Jun-02	Oct-02	Apr-03	Nov-03	Jun-04	Dec-04	Jun-05
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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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
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	17	ND

Notes:
Purgeable Halocarbons (EPA Method 8021B/8260B)
Purgeable Aromatics (EPA Method 8260B)
TPH-G (Total Petroleum Hydrocarbons as Gasoline by EPA Method 8260B)
TPH-D (Total Petroleum Hydrocarbons as Diesel by EPA Method 8015M)
Metals (EPA Method 6010B). Samples were field filtered.
ND = Not Detected at or above MDL
NA = Not Analyzed or analysis Not Applicable according to current monitoring program.
Samples on 6/17/02 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-98	Jun-99	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	2.6
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:
Purgeable Halocarbons (EPA Method 8021B/8260B)
Purgeable Aromatics (EPA Method 8260B)
TPH-G (Total Petroleum Hydrocarbons as Gasoline by EPA Method 8260B)
TPH-D (Total Petroleum Hydrocarbons as Diesel by EPA Method 8015M)
Metals (EPA Method 6010B). Samples were field filtered.
ND = Not Detected at or above MDL
NA = Not Analyzed or analysis Not Applicable according to current monitoring program.
Samples on 6/17/02 analyzed for VOCs out of holding time due to laboratory error

APPENDIX B

Groundwater Sample Collection Logs

Second Semester 2005 Groundwater Monitoring Report
Pacific Gas and Electric Company
Oakland General Construction Yard
4930 Coliseum Way
Oakland, California
SECOR PN: 05OT.50265.00.0003
December 20, 2006

SECOR International Incorporated

HYDROLOGIC DATA SHEET

Gauge Date: Dec 20, 05 | Project Name: PG&E Oakland GC Yard

Field Technician: B. Robitaille | Project Number: 050T.50265.00

TOC = Top of Well Casing Elevation
DTP = Depth to Free Product (FP or NAPH) Below TOC
DTW = Depth to Groundwater Below TOC
DTB = Depth to Bottom of Well Casing Below TOC
DIA = Well Casing Diameter
ELEV = Groundwater Elevation

WELL OR LOCATION	TIME	MEASUREMENT						PURGE & SAMPLE	SHEEN CONFIRMATION (w/bailer)	COMMENTS
		TOC	DTP	DTW	DTB	DIA	ELEV			
OW-1	0935			2.92'		2"				
OW-6	0945			4.18'		2"				
OW-7	0955			5.58'		2"				
OW-5	1010			3.78'		2"				
OW-8	1020			3.10'		2"				~~Needs Lid~~
OW-2	1025			3.52'		2"				
OW-4	Could not be found.									
* OW-8 has a broken lid on the well box. 7 3/4" dia lid - Diversified Well Products brand.										

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 05OT50265.00 (0001) PURGED BY: B. Robitaille WELL I.D.: OW-1

CLIENT NAME: Pacific Gas & Electric SAMPLED BY: B. Robitaille SAMPLE I.D.: OW-1

LOCATION: 4930 Coliseum Way, Oakland, California QA SAMPLES: —

DATE PURGED 12-20-05 START (2400hr) 16:10 END (2400hr) 1630

DATE SAMPLED " SAMPLE TIME (2400hr) 1645

SAMPLE TYPE: Groundwater X Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER:	1"	2"	3"	4"	5"	6"	Other
Casing Volume: (gallons per foot)	(0.04)	X (0.17)	(0.38)	(0.67)	(1.02)	(1.50)	( )

DEPTH TO BOTTOM (feet) = ____ CASING VOLUME (gal) = ____

DEPTH TO WATER (feet) = 2.92 CALCULATED PURGE (gal) = ____

WATER COLUMN HEIGHT (feet) = ____ ACTUAL PURGE (gal) = 2.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F/C°)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	D.O. (mg/l)
12-20-05	16:13	0.3	19.89	6558	6.40	clr	0.66
"	16:16	0.6	20.43	6556	6.43	clr	0.29
"	16:19	~~0.9~~	21.01	6559	6.44	clr	0.20
"	16:21	0.9 1.3	21.78	6556	6.41	clr	0.18
"	16:24	0.5 1.6	22.01	6558	6.44	clr	0.16
"	16:27	~~0.6~~ 1.9	22.19	6554	6.43	clr	0.13

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: ____ SAMPLE TURBIDITY: V. low

80% RECHARGE: ✓ YES ___ NO ANALYSES: TPHg/d/mo, VOCs

ODOR: None SAMPLE VESSEL / PRESERVATIVE: 6-VHCL, 2 Amb L unpres

PURGING EQUIPMENT

___ Bladder Pump ___ Bailer (Teflon)
___ Centrifugal Pump ___ Bailer (PVC)
X Submersible Pump ___ Bailer (Stainless Steel)
___ Peristalic Pump ___ Dedicated ____
Other: Grundfos set @ 60Hz
Pump Depth: ≈10'

SAMPLING EQUIPMENT

___ Bladder Pump ___ Bailer (Teflon)
___ Centrifugal Pump ___ Bailer (___ PVC or ___ disposable)
X Submersible Pump ___ Bailer (Stainless Steel)
___ Peristalic Pump ___ Dedicated ____
Other: ____

WELL INTEGRITY: ok LOCK#: no lock

REMARKS: At sample time: ORP = -97.7, Ferrous Iron (by HACH Kit) = 0.16 mg/L

SIGNATURE: [signature]

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 05OT50265.00 (0001) PURGED BY: B. Robitaille WELL I.D.: OW-2

CLIENT NAME: Pacific Gas & Electric SAMPLED BY: B. Robitaille SAMPLE I.D.: OW-2

LOCATION: 4930 Coliseum Way, Oakland, California QA SAMPLES: —

DATE PURGED 12-20-05 START (2400hr) 1305 END (2400hr) 1327

DATE SAMPLED " SAMPLE TIME (2400hr) 1330

SAMPLE TYPE: Groundwater X Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 1" ____ 2" X 3" ____ 4" ____ 5" ____ 6" ____ Other ____

Casing Volume: (gallons per foot) (0.04) (0.17) (0.38) (0.67) (1.02) (1.50) ( )

DEPTH TO BOTTOM (feet) = ____ CASING VOLUME (gal) = ____

DEPTH TO WATER (feet) = 3.52 CALCULATED PURGE (gal) = ____

WATER COLUMN HEIGHT (feet) = ____ ACTUAL PURGE (gal) = 2.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees ~~F~~C)	CONDUCTIVITY (~~umhos/cm~~) mS/cm	pH (units)	COLOR (visual)	D.O. (mg/L)
12-20-05	1310	0.1	20.27	2977	6.66	clr	2.85
	1313	0.3	20.96	3070	6.66	clr	1.71
	1316	0.7	21.39	3107	6.67	clr	1.59
	1319	1	21.83	3136	6.67	clr	1.48
	1321	1.3	22.13	3155	6.67	clr	1.40
	1324	1.6	22.40	3169	6.67	clr	1.35
	1327	1.9	22.58	3173	6.67	clr	1.30

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: ____ SAMPLE TURBIDITY: V. low

80% RECHARGE: X YES ___ NO ANALYSES: TPHg/d/mo, VOC's, PAH, Pb

ODOR: None SAMPLE VESSEL / PRESERVATIVE: 6-VHCL, 3-1L ambers, 1-500ml pl. ambers

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
___ Bladder Pump	___ Bailer (Teflon)	___ Bladder Pump	___ Bailer (Teflon)
___ Centrifugal Pump	___ Bailer (PVC)	___ Centrifugal Pump	___ Bailer (___ PVC or ___ disposable)
X Submersible Pump	___ Bailer (Stainless Steel)	X Submersible Pump	___ Bailer (Stainless Steel)
___ Peristalic Pump	___ Dedicated ____	___ Peristalic Pump	___ Dedicated ____
Other: Grundfos set @ 61 Hz – 50 Hz		Other: ____	
Pump Depth: ≈10'			

WELL INTEGRITY: OK - no locking cap LOCK#: None

REMARKS: At sample time: ORP = -46.2, Ferrous Iron (by HACH Kit) = 0.00 mg/L

SIGNATURE: [signature] Page 1 of 1

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 05OT50265.00 (0001) PURGED BY: B. Robitaille WELL I.D.: OW-5

CLIENT NAME: Pacific Gas & Electric SAMPLED BY: B. Robitaille SAMPLE I.D.: OW-5

LOCATION: 4930 Coliseum Way, Oakland, California QA SAMPLES: _____

DATE PURGED 12-20-05 START (2400hr) 1120 END (2400hr) 1135

DATE SAMPLED 12-20-05 SAMPLE TIME (2400hr) 1140

SAMPLE TYPE: Groundwater X Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 1" _____ 2" X 3" _____ 4" _____ 5" _____ 6" _____ Other _____

Casing Volume: (gallons per foot) (0.04) (0.17) (0.38) (0.67) (1.02) (1.50) ( )

DEPTH TO BOTTOM (feet) = _____ CASING VOLUME (gal) = _____

DEPTH TO WATER (feet) = 3.78 CALCULATED PURGE (gal) = _____

WATER COLUMN HEIGHT (feet) = _____ ACTUAL PURGE (gal) = 2

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees C)	CONDUCTIVITY (~~umhos/cm~~ uS/cm)	pH (units)	COLOR (visual)	D.O. (~~ppm~~ mg/L)
12-20-05	1122	0.25	19.30	664	6.35	Clr	6.03
	1125	0.5	19.38	651	6.29	Clr	5.88
	1127	0.75	19.60	635	6.24	Clr	5.59
	1130	1	19.89	629	6.22	Clr	4.86
	1133	1.3	20.05	629	6.20	Clr	4.31

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: _____ SAMPLE TURBIDITY: V. low

80% RECHARGE: X YES ___ NO ANALYSES: TPHg/d/mo, VOCs, PAH, Pb

ODOR: None SAMPLE VESSEL / PRESERVATIVE: 6 V. HCl, 3-1L unpr., 1-500ml pl. unpr.

PURGING EQUIPMENT

___ Bladder Pump ___ Bailer (Teflon)
___ Centrifugal Pump ___ Bailer (PVC)
X Submersible Pump ___ Bailer (Stainless Steel)
___ Peristaltic Pump ___ Dedicated _____
Other: Pump Grundfos set @ 50Hz - 45Hz @ sample time
Pump Depth: _____

SAMPLING EQUIPMENT

___ Bladder Pump ___ Bailer (Teflon)
___ Centrifugal Pump ___ Bailer (___ PVC or ___ disposable)
X Submersible Pump ___ Bailer (Stainless Steel)
___ Peristaltic Pump ___ Dedicated _____
Other: _____

WELL INTEGRITY: Ok - no lock LOCK#: _____

REMARKS: At sample time: ORP = -82.3, Ferrous Iron (by HACH Kit) = 0.47 mg/L

SIGNATURE: _____

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 05OT50265.00 (0001) PURGED BY: B. Robitaille WELL I.D.: OW-6

CLIENT NAME: Pacific Gas & Electric SAMPLED BY: B. Robitaille SAMPLE I.D.: OW-6

LOCATION: 4930 Coliseum Way, Oakland, California QA SAMPLES: —

DATE PURGED 12-21-05 START (2400hr) 1100 END (2400hr) _____

DATE SAMPLED 12-21-05 SAMPLE TIME (2400hr) 1135

SAMPLE TYPE: Groundwater X Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER:	1"	2"	3"	4"	5"	6"	Other
Casing Volume: (gallons per foot)	(0.04)	X (0.17)	(0.38)	(0.67)	(1.02)	(1.50)	( )

DEPTH TO BOTTOM (feet) = _____ CASING VOLUME (gal) = _____

DEPTH TO WATER (feet) = 4.18 CALCULATED PURGE (gal) = _____

WATER COLUMN HEIGHT (feet) = _____ ACTUAL PURGE (gal) = 3

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees ~~F~~C°)	CONDUCTIVITY (~~umhos/cm~~) uS/cm	pH (units)	COLOR (visual)	D.O. (mg/L)
~~1103~~ 12-21-05	1103	0.3	19.37	1021	7.17	clr	0.28
~~1106~~	1106	0.6	19.54	1030	7.18	clr	0.21
↓	1109	0.9	19.58	1033	7.18	clr	0.11
	1112	1.2	19.58	1033	7.18	clr	0.13
	1115	1.5	19.56	1032	7.17	clr	0.10
	1118	1.8	19.55	1031	7.17	clr	0.08
	1121	2.1	19.54	1030	7.16	clr	0.07
↓	~~1124~~ 1125	2.4	19.55	1030	7.16	clr	0.06

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: n.m. SAMPLE TURBIDITY: V. low

80% RECHARGE: ✓ YES ___ NO ANALYSES: TPHg/d/mo, VOC's, PAH

ODOR: None SAMPLE VESSEL / PRESERVATIVE: 6-V HCl, 3-Amb L unpres.

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
___ Bladder Pump	___ Bailer (Teflon)	___ Bladder Pump	___ Bailer (Teflon)
___ Centrifugal Pump	___ Bailer (PVC)	___ Centrifugal Pump	___ Bailer (___ PVC or ___ disposable)
X Submersible Pump	___ Bailer (Stainless Steel)	X Submersible Pump	___ Bailer (Stainless Steel)
___ Peristalic Pump	___ Dedicated _____	___ Peristalic Pump	___ Dedicated _____
Other: Grundfos set @ 57 Hz		Other: _____	
Pump Depth: ≈ 7'			

WELL INTEGRITY: OK LOCK#: No lock

REMARKS: At sample time: ORP = -86.9 , Ferrous Iron (by HACH Kit) = 0.41 mg/L

SIGNATURE: _____ Page 1 of 1

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 05OT50265.00 (0001) PURGED BY: B. Robitaille WELL I.D.: OW-7

CLIENT NAME: Pacific Gas & Electric SAMPLED BY: B. Robitaille SAMPLE I.D.: OW-7

LOCATION: 4930 Coliseum Way, Oakland, California QA SAMPLES: EB (0900)

DATE PURGED 12-21-05 START (2400hr) 0920 END (2400hr) 0950

DATE SAMPLED 12-21-05 SAMPLE TIME (2400hr) 0955

SAMPLE TYPE: Groundwater X Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 1" ____ 2" X 3" ____ 4" ____ 5" ____ 6" ____ Other ____ ( )

Casing Volume: (gallons per foot) (0.04) (0.17) (0.38) (0.67) (1.02) (1.50)

DEPTH TO BOTTOM (feet) = ____ CASING VOLUME (gal) = ____

DEPTH TO WATER (feet) = 5.58 CALCULATED PURGE (gal) = ____

WATER COLUMN HEIGHT (feet) = ____ ACTUAL PURGE (gal) = ~~2.5~~ 3

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees ~~F~~C°)	CONDUCTIVITY (~~umhos/cm~~)	pH (units)	COLOR (visual)	D.O. (mg/L)
12-21-05	0923	0.3	19.49	799	6.60	Clr	0.25
	0926	0.6	19.74	799	6.60	Clr	0.17
	0929	0.9	19.87	807	6.59	Clr	0.16
	0932	1.2	19.91	814	6.60	Clr	0.12
	0935	1.5	19.90	824	6.60	Clr	0.12
	0938	1.8	19.92	827	6.57	Clr	0.09
	0942	2.2	19.91	832	6.57	Clr	0.09
	0945	2.5	19.91	834	6.56	Clr	0.08

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: - SAMPLE TURBIDITY: V. low

80% RECHARGE: ✓ YES ___ NO ANALYSES: TPHg/d/mo, VOC's, PAH

ODOR: None SAMPLE VESSEL / PRESERVATIVE: 6V. HCl, 3 Amb Lmpres

PURGING EQUIPMENT

___ Bladder Pump ___ Bailer (Teflon)
___ Centrifugal Pump ___ Bailer (PVC)
X Submersible Pump ___ Bailer (Stainless Steel)
___ Peristalic Pump ___ Dedicated ____
Other: Grundfos set @ 60Hz -
Pump Depth: ≈10'

SAMPLING EQUIPMENT

___ Bladder Pump ___ Bailer (Teflon)
___ Centrifugal Pump ___ Bailer (___ PVC or ___ disposable)
X Submersible Pump ___ Bailer (Stainless Steel)
___ Peristalic Pump ___ Dedicated ____
Other: ____

WELL INTEGRITY: OK LOCK#: No lock

REMARKS: At sample time: ORP = ~~0.08~~ -69.2 , Ferrous Iron (by HACH Kit) = 0.80 mg/L

SIGNATURE: [signature]

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 05OT50265.00 (0001) PURGED BY: B. Robitaille WELL I.D.: OW-8

CLIENT NAME: Pacific Gas & Electric SAMPLED BY: B. Robitaille SAMPLE I.D.: OW-8

LOCATION: 4930 Coliseum Way, Oakland, California QA SAMPLES: —

DATE PURGED 12-20-05 START (2400hr) 14:20 END (2400hr) 1442

DATE SAMPLED " SAMPLE TIME (2400hr) 14:50

SAMPLE TYPE: Groundwater X Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 1" ____ 2" X 3" ____ 4" ____ 5" ____ 6" ____ Other ____

Casing Volume: (gallons per foot) (0.04) (0.17) (0.38) (0.67) (1.02) (1.50) ( )

DEPTH TO BOTTOM (feet) = ____ CASING VOLUME (gal) = ____

DEPTH TO WATER (feet) = 3.10 CALCULATED PURGE (gal) = ____

WATER COLUMN HEIGHT (feet) = ____ ACTUAL PURGE (gal) = 2.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees ~~F~~ C°)	CONDUCTIVITY (~~umhos/cm~~ mS/cm)	pH (units)	COLOR (visual)	D.O. (mg/L)
12-20-05	1423	0.3	20.46	989	6.44	clr	0.50
	1426	0.6	21.00	979	6.36	clr	0.32
	1429	0.9	21.34	982	6.36	clr	0.28
	1432	1.2	21.65	983	6.36	clr	0.21
	1435	1.5	21.51	985	6.34	clr	0.22
	1438	1.8	21.72	991	6.30	clr	0.28
	1441	2.1	21.92	995	6.33	clr	0.23

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: ____ SAMPLE TURBIDITY: V. low

80% RECHARGE: X YES ___ NO ANALYSES: TPHg/d/mo, VOC's, PAH, Pb

ODOR: None SAMPLE VESSEL / PRESERVATIVE: 6-V. HCL, 3-1L ambers, 1-500 ml pl ambers.

PURGING EQUIPMENT

___ Bladder Pump ___ Bailer (Teflon)
___ Centrifugal Pump ___ Bailer (PVC)
X Submersible Pump ___ Bailer (Stainless Steel)
___ Peristalic Pump ___ Dedicated ____
Other: Grundfos set @ 59 Hz - 50 Hz
Pump Depth: ≈10'

SAMPLING EQUIPMENT

___ Bladder Pump ___ Bailer (Teflon)
___ Centrifugal Pump ___ Bailer (___ PVC or ___ disposable)
X Submersible Pump ___ Bailer (Stainless Steel)
___ Peristalic Pump ___ Dedicated ____
Other: ____

WELL INTEGRITY: Need new lid (7 3/4" dia.) Diversified Well Prod. LOCK#: None

REMARKS: At sample time: ORP = ~~391.2~~ -63.2, Ferrous Iron (by HACH Kit) = 0.35 mg/L

SIGNATURE: [signature]

APPENDIX C
Analytical Laboratory Reports and Chain-of-Custody Documentation

Second Semester 2005 Groundwater Monitoring Report
Pacific Gas and Electric Company
Oakland General Construction Yard
4930 Coliseum Way
Oakland, California
SECOR PN: 05OT.50265.00.0003
December 20, 2006

AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES, INC.

4203 West Swift ▼ Fresno, California 93722 ▼ Phone 559.275-2175 ▼ Fax 559.275-4422

January 19, 2006

Secor
57 Lafayette Circle, 2nd Floor
Lafayette, California 94549

Attn: Annette Maxwell

Subject: Report of Data: Case 49391

Results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Dear Ms. Maxwell:

Four water samples for project "05OT.50265.0(0001) PG&E Oakland GC Yard" were received December 21, 2005, in good condition. Written results are being provided on this January 19, 2006, for the requested analyses.

For the EPA 8015B TPH-Diesel and Motor Oil analysis, the samples were extracted according to EPA method 3510C.

For the EPA 8260B analysis, the samples were purged according to EPA method 5030B.

For the EPA 8015B TPH-Gas analysis, the samples were purged according to EPA method 5030B.

For the EPA 6010B analysis, the samples were digested according to EPA methods 3010A.

For the EPA 8270C-SIM analysis, the samples were extracted according to EPA method 3510C. For the LCS/LCSD, Anthracene, Dibenz(a,h)anthracene, and Indeno(1,2,3-cd)pyrene had RPDs of 24.8%, 22.7%, and 27.5% respectively.

No other unusual problems or complications were encountered with this sample set.

If you have any questions or require further information, please contact us at your convenience. Thank you for choosing APPL, Inc.

Sincerely,

Leonard Fong, Ph.D, Laboratory Director
APPL, Inc.

LF/ch
Enclosure
cc: File

Number of pages in this report 32

EPA 8015B TPH Diesel Water

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

Attn: Annette Maxwell

Project: 05OT.50265.0(0001) PG&E Oakland GC Yard

Sample ID: OW-5

Sample Collection Date: 12/20/05

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

ARF: 49391

APPL ID: AX32828

QCG: $TPHD-051223A-95403

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8015B	Diesel Fuel	300 T3M	50	ug/L	12/23/05	1/17/06
EPA 8015B	Motor Oil	610	500	ug/L	12/23/05	1/17/06
EPA 8015B	Surrogate: Octacosane	83.2	28-142	%	12/23/05	1/17/06
EPA 8015B	Surrogate: Ortho-Terphenyl	63.6	49-128	%	12/23/05	1/17/06

++(T3M) The analyst has noted that the chromatogram of this sample is mainly higher boiling hydrocarbons such as asphaltene, waste oil, motor oil, weathered diesel, and hydraulic fluid.

Run #: 116036
Instrument: FID02
Sequence: 060116
Dilution Factor: 1
Initials: RWP

Printed: 1/17/06 4:48:12 PM
Form 1 - APPL Standard GC - No MC

EPA 8015B TPH Diesel Water

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: Annette Maxwell

Project: 05OT.50265.0(0001) PG&E Oakland GC Yard

ARF: 49391

Sample ID: OW-2

APPL ID: AX32829

Sample Collection Date: 12/20/05

QCG: $TPHD-051223A-95403

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8015B	Diesel Fuel	200 T3M	50	ug/L	12/23/05	1/17/06
EPA 8015B	Motor Oil	610	500	ug/L	12/23/05	1/17/06
EPA 8015B	Surrogate: Octacosane	86.0	28-142	%	12/23/05	1/17/06
EPA 8015B	Surrogate: Ortho-Terphenyl	67.6	49-128	%	12/23/05	1/17/06

++(T3M) The analyst has noted that the chromatogram of this sample is mainly higher boiling hydrocarbons such as asphaltene, waste oil, motor oil, weathered diesel, and hydraulic fluid.

Run #:	116037
Instrument:	FID02
Sequence:	060116
Dilution Factor:	1
Initials:	RWP

Printed: 1/17/06 4:48:12 PM
Form 1 - APPL Standard GC - No MC

EPA 8015B TPH Diesel Water

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

Attn: Annette Maxwell

Project: 05OT.50265.0(0001) PG&E Oakland GC Yard

Sample ID: OW-8

Sample Collection Date: 12/20/05

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

ARF: 49391

APPL ID: AX32830

QCG: $TPHD-051223A-95403

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8015B	Diesel Fuel	250 T3M	50	ug/L	12/23/05	1/17/06
EPA 8015B	Motor Oil	690	500	ug/L	12/23/05	1/17/06
EPA 8015B	Surrogate: Octacosane	86.4	28-142	%	12/23/05	1/17/06
EPA 8015B	Surrogate: Ortho-Terphenyl	64.1	49-128	%	12/23/05	1/17/06

++(T3M) The analyst has noted that the chromatogram of this sample is mainly higher boiling hydrocarbons such as asphaltene, waste oil, motor oil, weathered diesel, and hydraulic fluid.

Run #: 116038
Instrument: FID02
Sequence: 060116
Dilution Factor: 1
Initials: RWP

Printed: 1/17/06 4:48:12 PM
Form 1 - APPL Standard GC - No MC

EPA 8260B

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: Annette Maxwell

Project: 05OT.50265.0(0001) PG&E Oakland GC Yard

ARF: 49391

Sample ID: OW-5

APPL ID: AX32828

Sample Collection Date: 12/20/05

QCG: $8260-060103B-95348

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-Tetrachloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1,1-Trichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1,2,2-Tetrachloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1,2-Trichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1-Dichloroethane	2.2	1	ug/L	01/04/06	01/04/06
EPA 8260B	1,1-Dichloroethene	0.49 J	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,2-Dichlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,2-Dichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,2-Dichloropropane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,3-Dichlorobenzene	1.0	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,4-Dichlorobenzene	3.9	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Benzene	4.4	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromodichloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromoform	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromomethane	Not detected	1	ug/L	01/04/06	01/04/06
EPA 8260B	Carbon tetrachloride	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chlorobenzene	0.63	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chloroform	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	cis-1,2-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	cis-1,3-Dichloropropene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Dibromochloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Dibromomethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Dichlorodifluoromethane	Not detected	1	ug/L	01/04/06	01/04/06
EPA 8260B	Ethyl benzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Freon-113	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Methylene chloride	Not detected	5.0	ug/L	01/04/06	01/04/06
EPA 8260B	MTBE	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Tetrachloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Toluene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	trans-1,2-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	trans-1,3-Dichloropropene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Trichloroethene	0.33 J	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Trichlorofluoromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Vinyl chloride	0.60	0.5	ug/L	01/04/06	01/04/06

J = Estimated value, below quantitation limit.

Run #: 0103S27
Instrument: Sweetpea
Sequence: S060101
Dilution Factor: 1
Initials: DA

Printed: 01/16/06 5:34:58 PM
Form 1 - APPL Standard GC - No MC

EPA 8260B

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: Annette Maxwell

Project: 05OT.50265.0(0001) PG&E Oakland GC Yard

ARF: 49391

Sample ID: OW-5

APPL ID: AX32828

Sample Collection Date: 12/20/05

QCG: $8260-060103B-95348

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8260B	Xylenes	0.56	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (BFB)	97.9	72-133	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (DBFM)	103	78-125	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (DCA)	94.5	70-125	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (TOL)	100	73-124	%	01/04/06	01/04/06

J = Estimated value, below quantitation limit.

Run #: 0103S27
Instrument: Sweetpea
Sequence: S060101
Dilution Factor: 1
Initials: DA

Printed: 01/16/06 5:34:58 PM
Form 1 - APPL Standard GC - No MC

EPA 8260B

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: Annette Maxwell

Project: 05OT.50265.0(0001) PG&E Oakland GC Yard

ARF: 49391

Sample ID: OW-2

APPL ID: AX32829

Sample Collection Date: 12/20/05

QCG: $8260-060103B-95348

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-Tetrachloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1,1-Trichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1,2,2-Tetrachloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1,2-Trichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1-Dichloroethane	Not detected	1	ug/L	01/04/06	01/04/06
EPA 8260B	1,1-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,2-Dichlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,2-Dichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,2-Dichloropropane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,3-Dichlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,4-Dichlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Benzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromodichloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromoform	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromomethane	Not detected	1	ug/L	01/04/06	01/04/06
EPA 8260B	Carbon tetrachloride	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chloroform	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	cis-1,2-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	cis-1,3-Dichloropropene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Dibromochloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Dibromomethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Dichlorodifluoromethane	Not detected	1	ug/L	01/04/06	01/04/06
EPA 8260B	Ethyl benzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Freon-113	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Methylene chloride	Not detected	5.0	ug/L	01/04/06	01/04/06
EPA 8260B	MTBE	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Tetrachloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Toluene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	trans-1,2-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	trans-1,3-Dichloropropene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Trichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Trichlorofluoromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Vinyl chloride	Not detected	0.5	ug/L	01/04/06	01/04/06

Run #: 0103S28
Instrument: Sweetpea
Sequence: S060101
Dilution Factor: 1
Initials: DA

Printed: 01/16/06 5:34:58 PM
Form 1 - APPL Standard GC - No MC

EPA 8260B

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: Annette Maxwell

Project: 05OT.50265.0(0001) PG&E Oakland GC Yard

ARF: 49391

Sample ID: OW-2

APPL ID: AX32829

Sample Collection Date: 12/20/05

QCG: $8260-060103B-95348

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8260B	Xylenes	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (BFB)	97.5	72-133	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (DBFM)	98.7	78-125	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (DCA)	90.6	70-125	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (TOL)	98.6	73-124	%	01/04/06	01/04/06

Run #: 0103S28
Instrument: Sweetpea
Sequence: S060101
Dilution Factor: 1
Initials: DA

Printed: 01/16/06 5:34:59 PM
Form 1 - APPL Standard GC - No MC

EPA 8260B

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: Annette Maxwell

Project: 05OT.50265.0(0001) PG&E Oakland GC Yard

ARF: 49391

Sample ID: OW-8

APPL ID: AX32830

Sample Collection Date: 12/20/05

QCG: $8260-060103B-95348

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-Tetrachloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1,1-Trichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1,2,2-Tetrachloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1,2-Trichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1-Dichloroethane	Not detected	1	ug/L	01/04/06	01/04/06
EPA 8260B	1,1-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,2-Dichlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,2-Dichloroethane	0.55	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,2-Dichloropropane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,3-Dichlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,4-Dichlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Benzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromodichloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromoform	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromomethane	Not detected	1	ug/L	01/04/06	01/04/06
EPA 8260B	Carbon tetrachloride	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chloroform	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	cis-1,2-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	cis-1,3-Dichloropropene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Dibromochloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Dibromomethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Dichlorodifluoromethane	Not detected	1	ug/L	01/04/06	01/04/06
EPA 8260B	Ethyl benzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Freon-113	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Methylene chloride	Not detected	5.0	ug/L	01/04/06	01/04/06
EPA 8260B	MTBE	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Tetrachloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Toluene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	trans-1,2-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	trans-1,3-Dichloropropene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Trichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Trichlorofluoromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Vinyl chloride	Not detected	0.5	ug/L	01/04/06	01/04/06

Run #: 0103S29
Instrument: Sweetpea
Sequence: S060101
Dilution Factor: 1
Initials: DA

Printed: 01/16/06 5:34:59 PM
Form 1 - APPL Standard GC - No MC

EPA 8260B

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: Annette Maxwell

Project: 05OT.50265.0(0001) PG&E Oakland GC Yard

ARF: 49391

Sample ID: OW-8

APPL ID: AX32830

Sample Collection Date: 12/20/05

QCG: $8260-060103B-95348

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8260B	Xylenes	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (BFB)	94.0	72-133	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (DBFM)	94.2	78-125	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (DCA)	87.0	70-125	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (TOL)	94.2	73-124	%	01/04/06	01/04/06

Run #: 0103S29
Instrument: Sweetpea
Sequence: S060101
Dilution Factor: 1
Initials: DA

Printed: 01/16/06 5:34:59 PM
Form 1 - APPL Standard GC - No MC

EPA 8260B

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: Annette Maxwell

Project: 05OT.50265.0(0001) PG&E Oakland GC Yard

ARF: 49391

Sample ID: TRAVEL BLANK

APPL ID: AX32831

Sample Collection Date: 12/20/05

QCG: $8260-060103B-95348

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-Tetrachloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1,1-Trichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1,2,2-Tetrachloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1,2-Trichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1-Dichloroethane	Not detected	1	ug/L	01/04/06	01/04/06
EPA 8260B	1,1-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,2-Dichlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,2-Dichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,2-Dichloropropane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,3-Dichlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,4-Dichlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Benzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromodichloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromoform	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromomethane	Not detected	1	ug/L	01/04/06	01/04/06
EPA 8260B	Carbon tetrachloride	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chloroform	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	cis-1,2-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	cis-1,3-Dichloropropene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Dibromochloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Dibromomethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Dichlorodifluoromethane	Not detected	1	ug/L	01/04/06	01/04/06
EPA 8260B	Ethyl benzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Freon-113	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Methylene chloride	Not detected	5.0	ug/L	01/04/06	01/04/06
EPA 8260B	MTBE	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Tetrachloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Toluene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	trans-1,2-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	trans-1,3-Dichloropropene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Trichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Trichlorofluoromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Vinyl chloride	Not detected	0.5	ug/L	01/04/06	01/04/06

Run #: 0103S26
Instrument: Sweetpea
Sequence: S060101
Dilution Factor: 1
Initials: DA

Printed: 01/16/06 5:34:59 PM
Form 1 - APPL Standard GC - No MC

EPA 8260B

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: Annette Maxwell

Project: 05OT.50265.0(0001) PG&E Oakland GC Yard

ARF: 49391

Sample ID: TRAVEL BLANK

APPL ID: AX32831

Sample Collection Date: 12/20/05

QCG: $8260-060103B-95348

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8260B	Xylenes	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (BFB)	94.9	72-133	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (DBFM)	105	78-125	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (DCA)	90.9	70-125	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (TOL)	101	73-124	%	01/04/06	01/04/06

Run #: 0103S26
Instrument: Sweetpea
Sequence: S060101
Dilution Factor: 1
Initials: DA

Printed: 01/16/06 5:34:59 PM
Form 1 - APPL Standard GC - No MC

Gas-Water

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

Attn: Annette Maxwell

Project: 05OT.50265.0(0001) PG&E Oakland GC Yard

Sample ID: OW-5

Sample Collection Date: 12/20/2005

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

ARF: 49391

APPL ID: AX32828

QCG: $GAS-051226A-95442

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
8015	Gasoline	33 ++	20	ug/L	12/26/2005	12/26/2005
8015	Surrogate-BFB	94.6	74-118	%	12/26/2005	12/26/2005

++(G3) The analyst has noted that the chromatogram of this sample includes higher boiling hydrocarbons such as diesel.

Run #: 1226H04
Instrument: HARPO
Sequence: 051205
Dilution Factor: 1
Initials: KT

Printed: 1/18/2006 4:41:41 PM
Form 1 - APPL Standard GC - No MC

Gas-Water

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: Annette Maxwell

Project: 05OT.50265.0(0001) PG&E Oakland GC Yard

ARF: 49391

Sample ID: OW-2

APPL ID: AX32829

Sample Collection Date: 12/20/2005

QCG: $GAS-051226A-95442

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
8015	Gasoline	Not detected	20	ug/L	12/26/2005	12/26/2005
8015	Surrogate-BFB	85.1	74-118	%	12/26/2005	12/26/2005

Run #: 1226H05
Instrument: HARPO
Sequence: 051205
Dilution Factor: 1
Initials: KT

Printed: 1/18/2006 4:41:42 PM
Form 1 - APPL Standard GC - No MC

Gas-Water

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: Annette Maxwell

Project: 05OT.50265.0(0001) PG&E Oakland GC Yard

ARF: 49391

Sample ID: OW-8

APPL ID: AX32830

Sample Collection Date: 12/20/2005

QCG: $GAS-051226A-95442

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
8015	Gasoline	Not detected	20	ug/L	12/26/2005	12/26/2005
8015	Surrogate-BFB	83.0	74-118	%	12/26/2005	12/26/2005

Run #: 1226H06
Instrument: HARPO
Sequence: 051205
Dilution Factor: 1
Initials: KT

Printed: 1/18/2006 4:41:42 PM
Form 1 - APPL Standard GC - No MC

Metals Results

ARF: 49391

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

Attn: Annette Maxwell

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date
APPL ID: AX32828	-Client Sample ID: OW-5	-Sample Collection Date: 12/20/05				Project: 05OT.50265.0(0001)	
6010B	Lead (Pb) (Dissolved)	Not detected	3	1.85	ug/L	12/30/05	1/4/06
APPL ID: AX32829	-Client Sample ID: OW-2	-Sample Collection Date: 12/20/05				Project: 05OT.50265.0(0001)	
6010B	Lead (Pb) (Dissolved)	Not detected	3	1.85	ug/L	12/30/05	1/4/06
APPL ID: AX32830	-Client Sample ID: OW-8	-Sample Collection Date: 12/20/05				Project: 05OT.50265.0(0001)	
6010B	Lead (Pb) (Dissolved)	Not detected	3	1.85	ug/L	12/30/05	1/4/06

Printed: 1/10/06 10:33:56 AM

EPA 8270C - Water

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: Annette Maxwell

Project: 05OT.50265.0(0001) PG&E Oakland GC Yard

ARF: 49391

Sample ID: OW-5

APPL ID: AX32828

Sample Collection Date: 12/20/05

QCG: $SIM-051227A-95454

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
8270C-SIM	2-Methylnaphthalene	0.96	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Acenaphthene	0.31	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Acenaphthylene	0.26	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Anthracene	0.24	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benz(a)anthracene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benzo(a)pyrene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benzo(b)fluoranthene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benzo(g,h,i)perylene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benzo(k)fluoranthene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Chrysene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Dibenz(a,h)anthracene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Fluoranthene	0.70	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Fluorene	0.67	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Indeno(1,2,3-cd)pyrene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Naphthalene	13	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Phenanthrene	0.13 J	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Pyrene	1.4	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Surrogate recovery (FBP)	56.0	22-121	%	12/27/05	1/18/06
8270C-SIM	Surrogate recovery (NBZ)	45.9	38-121	%	12/27/05	1/18/06
8270C-SIM	Surrogate recovery (TPH)	60.0	46-128	%	12/27/05	1/18/06

J = Estimated value, below quantitation limit.

Run #: 0118Y013
Instrument: YODA
Sequence: Y060118
Dilution Factor: 1
Initials: LF

Printed: 1/19/06 9:30:38 AM
Form 1 - APPL Standard GC - No MC

EPA 8270C - Water

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: Annette Maxwell

Project: 05OT.50265.0(0001) PG&E Oakland GC Yard

ARF: 49391

Sample ID: OW-2

APPL ID: AX32829

Sample Collection Date: 12/20/05

QCG: $SIM-051227A-95454

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
8270C-SIM	2-Methylnaphthalene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Acenaphthene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Acenaphthylene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Anthracene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benz(a)anthracene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benzo(a)pyrene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benzo(b)fluoranthene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benzo(g,h,i)perylene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benzo(k)fluoranthene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Chrysene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Dibenz(a,h)anthracene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Fluoranthene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Fluorene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Indeno(1,2,3-cd)pyrene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Naphthalene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Phenanthrene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Pyrene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Surrogate recovery (FBP)	67.9	22-121	%	12/27/05	1/18/06
8270C-SIM	Surrogate recovery (NBZ)	71.2	38-121	%	12/27/05	1/18/06
8270C-SIM	Surrogate recovery (TPH)	84.6	46-128	%	12/27/05	1/18/06

Run #: 0118Y014
Instrument: YODA
Sequence: Y060118
Dilution Factor: 1
Initials: LF

Printed: 1/19/06 9:30:38 AM
Form 1 - APPL Standard GC - No MC

EPA 8270C - Water

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: Annette Maxwell

Project: 05OT.50265.0(0001) PG&E Oakland GC Yard

ARF: 49391

Sample ID: OW-8

APPL ID: AX32830

Sample Collection Date: 12/20/05

QCG: $SIM-051227A-95454

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
8270C-SIM	2-Methylnaphthalene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Acenaphthene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Acenaphthylene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Anthracene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benz(a)anthracene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benzo(a)pyrene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benzo(b)fluoranthene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benzo(g,h,i)perylene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benzo(k)fluoranthene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Chrysene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Dibenz(a,h)anthracene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Fluoranthene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Fluorene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Indeno(1,2,3-cd)pyrene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Naphthalene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Phenanthrene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Pyrene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Surrogate recovery (FBP)	65.2	22-121	%	12/27/05	1/18/06
8270C-SIM	Surrogate recovery (NBZ)	49.0	38-121	%	12/27/05	1/18/06
8270C-SIM	Surrogate recovery (TPH)	59.4	46-128	%	12/27/05	1/18/06

Run #: 0118Y015
Instrument: YODA
Sequence: Y060118
Dilution Factor: 1
Initials: LF

Printed: 1/19/06 9:30:38 AM
Form 1 - APPL Standard GC - No MC

Method Blank
EPA 8015B TPH Diesel Water

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Blank Name/QCG: **051223W-32828 - 95403**
Batch ID: $TPHD-051223A

Sample Type	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
BLANK	Diesel Fuel	Not detected	50	ug/L	12/23/05	1/17/06
BLANK	Motor Oil	Not detected	500	ug/L	12/23/05	1/17/06
BLANK	Surrogate: Octacosane	66.6	28-142	%	12/23/05	1/17/06
BLANK	Surrogate: Ortho-Terphenyl	54.1	49-128	%	12/23/05	1/17/06

Run #: 116033
Instrument: FID02
Sequence: 060116
Initials: RWP

Printed: 1/17/06 4:48:09 PM

Laboratory Control Spike Recovery
EPA 8015B TPH Diesel Water

APPL ID: **051223W-32828 LCS - 95403**
Batch ID: $TPHD-051223A

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
Diesel Fuel	1000	638	63.8	61-143
Motor Oil	1000	708	70.8	50-150
Surrogate: Octacosane	50	35.6	71.2	28-142
Surrogate: Ortho-Terphenyl	100	66.3	66.3	49-128

Comments: _____

Primary	SPK
Extraction Date :	12/23/05
Analysis Date :	1/17/06
Instrument :	FID02
Run :	116034,35
Initials :	RWP

Printed: 1/17/06 4:48:05 PM

APPL Standard LCS

Method Blank
EPA 8260B

Blank Name/QCG: **060104W-32828 - 95348**
Batch ID: $8260-060103B

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Sample Type	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
BLANK	1,1,1,2-Tetrachloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	1,1,1-Trichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	1,1,2,2-Tetrachloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	1,1,2-Trichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	1,1-Dichloroethane	Not detected	1	ug/L	01/04/06	01/04/06
BLANK	1,1-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	1,2-Dichlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	1,2-Dichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	1,2-Dichloropropane	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	1,3-Dichlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	1,4-Dichlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Benzene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Bromobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Bromodichloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Bromoform	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Bromomethane	Not detected	1	ug/L	01/04/06	01/04/06
BLANK	Carbon tetrachloride	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Chlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Chloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Chloroform	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Chloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	cis-1,2-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	cis-1,3-Dichloropropene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Dibromochloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Dibromomethane	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Dichlorodifluoromethane	Not detected	1	ug/L	01/04/06	01/04/06
BLANK	Ethyl benzene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Freon-113	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Methylene chloride	Not detected	5.0	ug/L	01/04/06	01/04/06
BLANK	MTBE	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Tetrachloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Toluene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	trans-1,2-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	trans-1,3-Dichloropropene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Trichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Trichlorofluoromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Vinyl chloride	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Xylenes	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Surrogate Recovery (BFB)	98.6	72-133	%	01/04/06	01/04/06

Run #: 0103S25
Instrument: Sweetpea
Sequence: S060101
Initials: DA

Printed: 01/16/06 5:34:55 PM

Method Blank
EPA 8260B

Blank Name/QCG: **060104W-32828 - 95348**
Batch ID: $8260-060103B

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Sample Type	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
BLANK	Surrogate Recovery (DBFM)	102	78-125	%	01/04/06	01/04/06
BLANK	Surrogate Recovery (DCA)	89.0	70-125	%	01/04/06	01/04/06
BLANK	Surrogate Recovery (TOL)	99.1	73-124	%	01/04/06	01/04/06

Run #: 0103S25
Instrument: Sweetpea
Sequence: S060101
Initials: DA

Printed: 01/16/06 5:34:55 PM

Laboratory Control Spike Recovery
EPA 8260B

APPL ID: **060103W-32828 LCS - 95348**
Batch ID: $8260-060103B

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
1,1,1,2-Tetrachloroethane	10	10.4	104	73-124
1,1,1-Trichloroethane	10	11.0	110	67-125
1,1,2,2-Tetrachloroethane	10	10.8	108	71-127
1,1,2-Trichloroethane	10	11.2	112	74-121
1,1-Dichloroethane	10	11.7	117	62-132
1,1-Dichloroethene	10	9.24	92.4	70-125
1,2-Dichlorobenzene	10	10.9	109	70-129
1,2-Dichloroethane	10	11.2	112	68-123
1,2-Dichloropropane	10	10.7	107	77-125
1,3-Dichlorobenzene	10	10.2	102	69-129
1,4-Dichlorobenzene	10	10.2	102	71-126
Benzene	10	9.64	96.4	68-124
Bromobenzene	10	10.3	103	65-130
Bromodichloromethane	10	10.7	107	69-124
Bromoform	10	11.2	112	67-125
Bromomethane	10	10.4	104	71-131
Carbon tetrachloride	10	10.5	105	70-122
Chlorobenzene	10	10.3	103	72-125
Chloroethane	10	10.1	101	78-125
Chloroform	10	10.3	103	69-122
Chloromethane	10	8.80	88.0	71-124
cis-1,2-Dichloroethene	10	9.45	94.5	72-123
cis-1,3-Dichloropropene	10	9.68	96.8	70-125
Dibromochloromethane	10	10.6	106	70-125
Dibromomethane	10	11.5	115	66-126
Dichlorodifluoromethane	10	9.89	98.9	68-131

Comments: _____

Primary	SPK
Extraction Date :	01/03/06
Analysis Date :	01/03/06
Instrument :	Sweetpea
Run :	0103S21
Initials :	DA

Printed: 01/16/06 5:34:52 PM

APPL Standard LCS

Laboratory Control Spike Recovery
EPA 8260B

APPL ID: **060103W-32828 LCS - 95348**
Batch ID: $8260-060103B

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
Ethyl benzene	10	10.3	103	70-123
Freon-113	10	9.77	97.7	74-138
Methylene chloride	10	9.61	96.1	78-118
MTBE	10	11.0	110	72-125
Tetrachloroethene	10	9.31	93.1	62-136
Toluene	10	10.1	101	69-122
trans-1,2-Dichloroethene	10	9.88	98.8	68-126
trans-1,3-Dichloropropene	10	11.3	113	62-127
Trichloroethene	10	9.86	98.6	70-128
Trichlorofluoromethane	10	10.7	107	66-132
Vinyl chloride	10	8.63	86.3	79-138
Xylenes	30	31.2	104	73-145
Surrogate Recovery (BFB)	26.37	26.1	99.0	72-133
Surrogate Recovery (DBFM)	26.20	25.9	98.9	78-125
Surrogate Recovery (DCA)	29.20	25.1	86.0	70-125
Surrogate Recovery (TOL)	24.84	24.0	96.6	73-124

Comments: _____

Primary	SPK
Extraction Date :	01/03/06
Analysis Date :	01/03/06
Instrument :	Sweetpea
Run :	0103S21
Initials :	DA

Printed: 01/16/06 5:34:52 PM

APPL Standard LCS

Method Blank
Gas-Water

Blank Name/QCG: **051226W-32828 - 95442**
Batch ID: $GAS-051226A

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Sample Type	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
BLANK	Gasoline	Not detected	20	ug/L	12/26/2005	12/26/2005
BLANK	Surrogate-BFB	87.1	74-118	%	12/26/2005	12/26/2005

Run #: 1226H03
Instrument: HARPO
Sequence: 051205
Initials: KT

Printed: 1/18/2006 4:41:40 PM

Laboratory Control Spike Recovery

Gas-Water

APPL ID: **051226W-32828 LCS - 95442**
Batch ID: $GAS-051226A

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
Gasoline	300	319	106	73-120
Surrogate-BFB	21.5	23.5	109	74-118

Comments: _____

Primary	SPK
Extraction Date :	12/26/2005
Analysis Date :	12/26/2005
Instrument :	HARPO
Run :	1226H02
Initials :	KT

Printed: 1/18/2006 4:41:37 PM

APPL Standard LCS

METALS BLANK

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date	QC Group
6010B	Lead (Pb) (Dissolved)	Not detected	3	1.85	ug/L	12/30/05	01/03/06	$MT2L-051230A-AX32828

Metals SC-Blank-REG MDLs
Printed: 1/10/06 10:33:54 AM

Laboratory Control Spike Recoveries

METALS

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Method	Compound Name	Spike Lvl ug/L	SPK Res ug/L	DUP Res ug/L	SPK % Recov	DUP % Recov	RPD	RPD Max	QC Limits	Extract Date-Spk	Analysis Date-Spk	Extract Date-Dup	Analysis Date-Dup	QC Group
EPA 6010B	Lead (Pb) (Dissolved)	250	252	251	101	100	0.4	20	80-120	12/30/05	01/03/06	12/30/05	01/03/06	$MT2L-051230A-AX32828

Comments: _____

Method Blank
EPA 8270C - Water

Blank Name/QCG: **051227W-32828 - 95454**
Batch ID: $SIM-051227A

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Sample Type	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
BLANK	2-Methylnaphthalene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Acenaphthene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Acenaphthylene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Anthracene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Benz(a)anthracene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Benzo(a)pyrene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Benzo(b)fluoranthene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Benzo(g,h,i)perylene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Benzo(k)fluoranthene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Chrysene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Dibenz(a,h)anthracene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Fluoranthene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Fluorene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Indeno(1,2,3-cd)pyrene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Naphthalene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Phenanthrene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Pyrene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Surrogate recovery (FBP)	64.2	22-121	%	12/27/05	1/18/06
BLANK	Surrogate recovery (NBZ)	76.5	38-121	%	12/27/05	1/18/06
BLANK	Surrogate recovery (TPH)	102	46-128	%	12/27/05	1/18/06

Run #: 0118Y019
Instrument: YODA
Sequence: Y060118
Initials: LF

Printed: 1/19/06 9:30:26 AM

Laboratory Control Spike Recoveries
EPA 8270C - Water

APPL ID: **051227W-32828 LCS - 95454**
Batch ID: $SIM-051227A

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Compound Name	Spike Lvl ug/L	SPK Result ug/L	DUP Result ug/L	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
2-Methylnaphthalene	4	2.72	2.37	68.0	59.3	29-99	13.8	20
Acenaphthene	4	2.90	2.59	72.5	64.8	37-102	11.3	20
Acenaphthylene	4	2.83	2.57	70.8	64.3	40-101	9.6	20
Anthracene	4	3.04	2.37	76.0	59.3	48-104	24.8 #	20
Benz(a)anthracene	4	2.63	2.69	65.8	67.3	49-105	2.3	20
Benzo(a)pyrene	4	2.73	2.79	68.3	69.8	48-104	2.2	20
Benzo(b)fluoranthene	4	2.95	2.74	73.8	68.5	47-108	7.4	20
Benzo(g,h,i)perylene	4	3.03	2.53	75.8	63.2	46-110	18.0	20
Benzo(k)fluoranthene	4	3.48	3.24	87.0	81.0	45-108	7.1	20
Chrysene	4	3.06	3.30	76.5	82.5	49-110	7.5	20
Dibenz(a,h)anthracene	4	3.14	2.50	78.5	62.5	48-109	22.7 #	20
Fluoranthene	4	3.03	2.95	75.8	73.8	50-105	2.7	20
Fluorene	4	2.96	2.72	74.0	68.0	43-103	8.5	20
Indeno(1,2,3-cd)pyrene	4	2.94	2.23	73.5	55.8	44-112	27.5 #	20
Naphthalene	4	2.33	2.54	58.3	63.5	30-97	8.6	20
Phenanthrene	4	2.85	2.77	71.3	69.3	49-103	2.8	20
Pyrene	4	2.98	3.02	74.5	75.5	49-105	1.3	20
Surrogate recovery (FBP)	2	1.69	1.46	84.5	73.0	22-121		
Surrogate recovery (NBZ)	2	1.48	2.05	74.0	102	38-121		
Surrogate recovery (TPH)	2	1.65	1.63	82.5	81.5	46-128		

= Recovery is outside QC limits.

Comments:

Primary	SPK	DUP
Extraction Date :	12/27/05	12/27/05
Analysis Date :	1/18/06	1/18/06
Instrument :	YODA	YODA
Run :	0118Y020	0118Y021
Initials :	LF	

Printed: 1/19/06 9:30:35 AM
APPL Standard LCSD

SECOR CHAIN-OF-CUSTODY RECORD

COC # 02569
Page 1 of 1

FIELD OFFICE INFORMATION

OFFICE: 05-San Francisco

Send Report To:
57 Lafayette Cr. 2nd Fl.
Lafayette, CA. 94549

Telephone: (925) 299-9300

Fax / E-Mail: -9302 amaxwell@secor.com

PROJECT INFORMATION

Project No.: 050T.50265.00 Task: (0001)

Project Name: PG&E Oakland GC Yard

Project Manager: Annette Maxwell

Laboratory: APPL-Fresno

ANALYSES / METHOD REQUEST

REMARKS / PRECAUTIONS

TAT: ☒ Normal ☐ Rush ☐ Other _____

REPORTING REQUIREMENTS: ☐ MB & SURGS ☐ Dup/MS/MSD ☐ Raw Data ☐ CLP Rpt ☐ EDD ☐ Other _____

Sample No. / Identification	SAMPLE Date	Time	Matrix*	Container & Size **	Preservative	Number of Containers	TPHg/d/mo (EPA 8015)	VOCs (EPA 8260B)	PAH's (EPA 8270SIMS)	Dis. Pb (EPA 6010B)	REMARKS / PRECAUTIONS
OW-5	12-20-05	1140	W	6V, 3A, 1P	HCl, -, -	10	X	X	X	X	Note: Filter & Preserve Pb Samples < 24hrs!
OW-2	↓	1330	↓	↓	↓	10	X	X	X	X	
OW-8	↓	1450	↓	↓	↓	10	X	X	X	X	
Travel Blank	—	—	W	1-V	—	1		X			

Possible Hazard Identification: ☒ Non-Hazardous ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Sampled by: BR - Bob Robitaille

Shipment Method: Lab courrier

Airbill Number:

	Signature	Print Name	Company	Date	Time
1a	Relinquished by:	Bob Robitaille	SECOR	12-20-05	1655
1b	Received by:	Robert Silvas	APPL INC.	12/20/05	1655
2a	Relinquished by:				
2b	Received by:				
3a	Relinquished by:				
3b	Received by:	C. Mona	Appl. Inc.	12/21/05	0830

*Matrix Key: AQ = Aqueous AR = Air SO = Soil WA = Waste OT = Other

**Container: A = Amber C = Clear Glass V = VOA S = Soil Jar O = Orbo T = Tedlar B = Brass P = Plastic OT = Other

AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES, INC.

4203 West Swift ▼ Fresno, California 93722 ▼ Phone 559.275-2175 ▼ Fax 559.275-4422

January 19, 2006

Secor
57 Lafayette Circle, 2nd Floor
Lafayette, California 94549

Attn: Annette Maxwell

Subject: Report of Data: Case 49404

Results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Dear Ms. Maxwell:

Four water samples for project "05OT.50265.0(0001) PG&E Oakland GC Yard" were received December 22, 2005, in good condition. Written results are being provided on this January 19, 2006, for the requested analyses.

For the EPA 8015B TPH-Diesel and Motor Oil analysis, the samples were extracted according to EPA method 3510C.

For the EPA 8260B analysis, the samples were purged according to EPA method 5030B. For the LCS, 1,2-Dichloroethane, MTBE, and trans-1,3-Dichloropropene recovered above the upper control limits at 127%, 127%, and 135% respectively.

For the EPA 8015B TPH-Gas analysis, the samples were purged according to EPA method 5030B.

For the EPA 8270C-SIM analysis, the samples were extracted according to EPA method 3510C. For the LCS/LCSD, Anthracene, Dibenz(a,h)anthracene, and Indeno(1,2,3-cd)pyrene had RPDs of 24.8%, 22.7%, and 27.5% respectively.

No other unusual problems or complications were encountered with this sample set.

If you have any questions or require further information, please contact us at your convenience. Thank you for choosing APPL, Inc.

Sincerely,

Leonard Fong, Ph.D, Laboratory Director
APPL, Inc.

LF/ch
Enclosure
cc: File

Number of pages in this report 32

EPA 8015B TPH Diesel Water

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: ANNETTE MAXWELL

Project: 050T.50265.00(0001) PG&E Oakland GC Yard

ARF: 49404

Sample ID: EB

APPL ID: AX32910

Sample Collection Date: 12/21/05

QCG: $TPHD-051227A-95364

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8015B	Diesel Fuel	Not detected	50	ug/L	12/28/05	1/5/06
EPA 8015B	Motor Oil	Not detected	500	ug/L	12/28/05	1/5/06
EPA 8015B	Surrogate: Octacosane	87.6	28-142	%	12/28/05	1/5/06
EPA 8015B	Surrogate: Ortho-Terphenyl	83.0	49-128	%	12/28/05	1/5/06

Run #: 104044
Instrument: Apollo
Sequence: 060104
Dilution Factor: 1
Initials: RWP

Printed: 1/17/06 4:06:00 PM
Form 1 - APPL Standard GC - No MC

EPA 8015B TPH Diesel Water

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: ANNETTE MAXWELL

Project: 050T.50265.00(0001) PG&E Oakland GC Yard

ARF: 49404

Sample ID: OW-7

APPL ID: AX32911

Sample Collection Date: 12/21/05

QCG: $TPHD-051227A-95364

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8015B	Diesel Fuel	510 T5 T3M	50	ug/L	12/28/05	1/5/06
EPA 8015B	Motor Oil	860	500	ug/L	12/28/05	1/5/06
EPA 8015B	Surrogate: Octacosane	94.7	28-142	%	12/28/05	1/5/06
EPA 8015B	Surrogate: Ortho-Terphenyl	94.7	49-128	%	12/28/05	1/5/06

++(T5) The analyst has noted that the chromatogram of this sample contains a recognizable contaminant peak(s) that has been removed from quantitation.

Run #: 104045
Instrument: Apollo
Sequence: 060104
Dilution Factor: 1
Initials: RWP

Printed: 1/17/06 4:06:00 PM
Form 1 - APPL Standard GC - No MC

EPA 8015B TPH Diesel Water

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: ANNETTE MAXWELL

Project: 050T.50265.00(0001) PG&E Oakland GC Yard

ARF: 49404

Sample ID: OW-6

APPL ID: AX32912

Sample Collection Date: 12/21/05

QCG: $TPHD-051227A-95364

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8015B	Diesel Fuel	440 T3M	50	ug/L	12/28/05	1/5/06
EPA 8015B	Motor Oil	760	500	ug/L	12/28/05	1/5/06
EPA 8015B	Surrogate: Octacosane	96.5	28-142	%	12/28/05	1/5/06
EPA 8015B	Surrogate: Ortho-Terphenyl	94.1	49-128	%	12/28/05	1/5/06

++(T3M) The analyst has noted that the chromatogram of this sample is mainly higher boiling hydrocarbons such as asphaltene, waste oil, motor oil, weathered diesel, and hydraulic fluid.

Run #: 104046
Instrument: Apollo
Sequence: 060104
Dilution Factor: 1
Initials: RWP

Printed: 1/17/06 4:06:00 PM
Form 1 - APPL Standard GC - No MC

EPA 8015B TPH Diesel Water

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: ANNETTE MAXWELL

Project: 050T.50265.00(0001) PG&E Oakland GC Yard

ARF: 49404

Sample ID: OW-1

APPL ID: AX32913

Sample Collection Date: 12/20/05

QCG: $TPHD-051227A-95364

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8015B	Diesel Fuel	390 T3M	50	ug/L	12/28/05	1/5/06
EPA 8015B	Motor Oil	470 J	500	ug/L	12/28/05	1/5/06
EPA 8015B	Surrogate: Octacosane	92.8	28-142	%	12/28/05	1/5/06
EPA 8015B	Surrogate: Ortho-Terphenyl	87.9	49-128	%	12/28/05	1/5/06

J = Estimated value, below quantitation limit.
++(T3M) The analyst has noted that the chromatogram of this sample is mainly higher boiling hydrocarbons such as asphaltene, waste oil, motor oil, weathered diesel, and hydraulic fluid.

Run #: 104047
Instrument: Apollo
Sequence: 060104
Dilution Factor: 1
Initials: RWP

Printed: 1/17/06 4:06:00 PM
Form 1 - APPL Standard GC - No MC

EPA 8260B

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: ANNETTE MAXWELL

Project: 050T.50265.00(0001) PG&E Oakland GC Yard

ARF: 49404

Sample ID: EB

APPL ID: AX32910

Sample Collection Date: 12/21/05

QCG: $8260-060104A-95382

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-Tetrachloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1,1-Trichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1,2,2-Tetrachloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1,2-Trichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1-Dichloroethane	Not detected	1	ug/L	01/04/06	01/04/06
EPA 8260B	1,1-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,2-Dichlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,2-Dichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,2-Dichloropropane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,3-Dichlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,4-Dichlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Benzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromodichloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromoform	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromomethane	Not detected	1	ug/L	01/04/06	01/04/06
EPA 8260B	Carbon tetrachloride	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chloroform	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	cis-1,2-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	cis-1,3-Dichloropropene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Dibromochloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Dibromomethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Dichlorodifluoromethane	Not detected	1	ug/L	01/04/06	01/04/06
EPA 8260B	Ethyl benzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Freon-113	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Methylene chloride	Not detected	5.0	ug/L	01/04/06	01/04/06
EPA 8260B	MTBE	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Tetrachloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Toluene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	trans-1,2-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	trans-1,3-Dichloropropene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Trichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Trichlorofluoromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Vinyl chloride	Not detected	0.5	ug/L	01/04/06	01/04/06

Run #: 0104C20
Instrument: Chico
Sequence: C060104
Dilution Factor: 1
Initials: DA

Printed: 01/17/06 1:20:27 PM
Form 1 - APPL Standard GC - No MC

EPA 8260B

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: ANNETTE MAXWELL

Project: 050T.50265.00(0001) PG&E Oakland GC Yard

ARF: 49404

Sample ID: EB

APPL ID: AX32910

Sample Collection Date: 12/21/05

QCG: $8260-060104A-95382

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8260B	Xylenes	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (BFB)	104	72-133	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (DBFM)	101	78-125	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (DCA)	109	70-125	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (TOL)	94.6	73-124	%	01/04/06	01/04/06

Run #: 0104C20
Instrument: Chico
Sequence: C060104
Dilution Factor: 1
Initials: DA

Printed: 01/17/06 1:20:27 PM
Form 1 - APPL Standard GC - No MC

EPA 8260B

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: ANNETTE MAXWELL

Project: 050T.50265.00(0001) PG&E Oakland GC Yard

ARF: 49404

Sample ID: OW-7

APPL ID: AX32911

Sample Collection Date: 12/21/05

QCG: $8260-060104A-95382

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-Tetrachloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1,1-Trichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1,2,2-Tetrachloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1,2-Trichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1-Dichloroethane	7.0	1	ug/L	01/04/06	01/04/06
EPA 8260B	1,1-Dichloroethene	6.3	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,2-Dichlorobenzene	26	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,2-Dichloroethane	0.42 J	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,2-Dichloropropane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,3-Dichlorobenzene	210 E	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,4-Dichlorobenzene	420 E	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Benzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromodichloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromoform	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromomethane	Not detected	1	ug/L	01/04/06	01/04/06
EPA 8260B	Carbon tetrachloride	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chlorobenzene	84	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chloroform	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	cis-1,2-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	cis-1,3-Dichloropropene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Dibromochloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Dibromomethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Dichlorodifluoromethane	Not detected	1	ug/L	01/04/06	01/04/06
EPA 8260B	Ethyl benzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Freon-113	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Methylene chloride	Not detected	5.0	ug/L	01/04/06	01/04/06
EPA 8260B	MTBE	0.26 J	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Tetrachloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Toluene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	trans-1,2-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	trans-1,3-Dichloropropene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Trichloroethene	0.53	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Trichlorofluoromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Vinyl chloride	0.39 J	0.5	ug/L	01/04/06	01/04/06

J = Estimated value, below quantitation limit.
E = The reported value exceeds linear range.

Run #: 0104C21
Instrument: Chico
Sequence: C060104
Dilution Factor: 1
Initials: DA

Printed: 01/17/06 1:20:27 PM
Form 1 - APPL Standard GC - No MC

EPA 8260B

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: ANNETTE MAXWELL

Project: 050T.50265.00(0001) PG&E Oakland GC Yard

ARF: 49404

Sample ID: OW-7

APPL ID: AX32911

Sample Collection Date: 12/21/05

QCG: $8260-060104A-95382

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8260B	Xylenes	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (BFB)	98.4	72-133	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (DBFM)	107	78-125	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (DCA)	113	70-125	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (TOL)	88.5	73-124	%	01/04/06	01/04/06

J = Estimated value, below quantitation limit.
E = The reported value exceeds linear range.

Run #: 0104C21
Instrument: Chico
Sequence: C060104
Dilution Factor: 1
Initials: DA

Printed: 01/17/06 1:20:27 PM
Form 1 - APPL Standard GC - No MC

EPA 8260B - Dilution

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: ANNETTE MAXWELL

Project: 050T.50265.00(0001) PG&E Oakland GC Yard

ARF: 49404

Sample ID: OW-7

APPL ID: AX32911

Sample Collection Date: 12/21/05

QCG: $8260-060104A-95382

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8260B	1,3-Dichlorobenzene	190	5	ug/L	01/04/06	01/04/06
EPA 8260B	1,4-Dichlorobenzene	490	5	ug/L	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (BFB)	92.8	72-133	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (DBFM)	92.6	78-125	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (DCA)	75.1	70-125	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (TOL)	97.7	73-124	%	01/04/06	01/04/06

Run #: 0104C28
Instrument: Chico
Sequence: C060104
Dilution Factor: 10
Initials: DA

Printed: 01/17/06 4:29:26 PM
Form 1 - APPL Standard GC - No MC

EPA 8260B

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: ANNETTE MAXWELL

Project: 050T.50265.00(0001) PG&E Oakland GC Yard

ARF: 49404

Sample ID: OW-6

APPL ID: AX32912

Sample Collection Date: 12/21/05

QCG: $8260-060104A-95382

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-Tetrachloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1,1-Trichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1,2,2-Tetrachloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1,2-Trichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1-Dichloroethane	7.0	1	ug/L	01/04/06	01/04/06
EPA 8260B	1,1-Dichloroethene	3.1	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,2-Dichlorobenzene	1.4	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,2-Dichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,2-Dichloropropane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,3-Dichlorobenzene	8.6	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,4-Dichlorobenzene	25	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Benzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromodichloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromoform	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromomethane	Not detected	1	ug/L	01/04/06	01/04/06
EPA 8260B	Carbon tetrachloride	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chlorobenzene	5.8	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chloroform	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	cis-1,2-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	cis-1,3-Dichloropropene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Dibromochloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Dibromomethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Dichlorodifluoromethane	Not detected	1	ug/L	01/04/06	01/04/06
EPA 8260B	Ethyl benzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Freon-113	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Methylene chloride	Not detected	5.0	ug/L	01/04/06	01/04/06
EPA 8260B	MTBE	0.53	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Tetrachloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Toluene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	trans-1,2-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	trans-1,3-Dichloropropene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Trichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Trichlorofluoromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Vinyl chloride	Not detected	0.5	ug/L	01/04/06	01/04/06

Run #: 0104C22
Instrument: Chico
Sequence: C060104
Dilution Factor: 1
Initials: DA

Printed: 01/17/06 1:20:27 PM
Form 1 - APPL Standard GC - No MC

EPA 8260B

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: ANNETTE MAXWELL

Project: 050T.50265.00(0001) PG&E Oakland GC Yard

ARF: 49404

Sample ID: OW-6

APPL ID: AX32912

Sample Collection Date: 12/21/05

QCG: $8260-060104A-95382

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8260B	Xylenes	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (BFB)	103	72-133	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (DBFM)	104	78-125	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (DCA)	111	70-125	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (TOL)	91.0	73-124	%	01/04/06	01/04/06

Run #: 0104C22
Instrument: Chico
Sequence: C060104
Dilution Factor: 1
Initials: DA

Printed: 01/17/06 1:20:27 PM
Form 1 - APPL Standard GC - No MC

EPA 8260B

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: ANNETTE MAXWELL

Project: 050T.50265.00(0001) PG&E Oakland GC Yard

ARF: 49404

Sample ID: OW-1

APPL ID: AX32913

Sample Collection Date: 12/20/05

QCG: $8260-060104A-95382

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-Tetrachloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1,1-Trichloroethane	0.66	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1,2,2-Tetrachloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1,2-Trichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,1-Dichloroethane	7.6	1	ug/L	01/04/06	01/04/06
EPA 8260B	1,1-Dichloroethene	8.3	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,2-Dichlorobenzene	4.6	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,2-Dichloroethane	0.39 J	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,2-Dichloropropane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,3-Dichlorobenzene	37	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	1,4-Dichlorobenzene	110	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Benzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromodichloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromoform	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Bromomethane	Not detected	1	ug/L	01/04/06	01/04/06
EPA 8260B	Carbon tetrachloride	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chlorobenzene	8.8	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chloroform	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Chloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	cis-1,2-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	cis-1,3-Dichloropropene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Dibromochloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Dibromomethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Dichlorodifluoromethane	Not detected	1	ug/L	01/04/06	01/04/06
EPA 8260B	Ethyl benzene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Freon-113	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Methylene chloride	Not detected	5.0	ug/L	01/04/06	01/04/06
EPA 8260B	MTBE	0.96	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Tetrachloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Toluene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	trans-1,2-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	trans-1,3-Dichloropropene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Trichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Trichlorofluoromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Vinyl chloride	Not detected	0.5	ug/L	01/04/06	01/04/06

J = Estimated value, below quantitation limit.

Run #: 0104C23
Instrument: Chico
Sequence: C060104
Dilution Factor: 1
Initials: DA

Printed: 01/17/06 1:20:27 PM
Form 1 - APPL Standard GC - No MC

EPA 8260B

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: ANNETTE MAXWELL

Project: 050T.50265.00(0001) PG&E Oakland GC Yard

ARF: 49404

Sample ID: OW-1

APPL ID: AX32913

Sample Collection Date: 12/20/05

QCG: $8260-060104A-95382

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
EPA 8260B	Xylenes	Not detected	0.5	ug/L	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (BFB)	106	72-133	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (DBFM)	102	78-125	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (DCA)	110	70-125	%	01/04/06	01/04/06
EPA 8260B	Surrogate Recovery (TOL)	95.7	73-124	%	01/04/06	01/04/06

J = Estimated value, below quantitation limit.

Run #: 0104C23
Instrument: Chico
Sequence: C060104
Dilution Factor: 1
Initials: DA

Printed: 01/17/06 1:20:27 PM
Form 1 - APPL Standard GC - No MC

Gas-Water

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: ANNETTE MAXWELL

Project: 050T.50265.00(0001) PG&E Oakland GC Yard

ARF: 49404

Sample ID: EB

APPL ID: AX32910

Sample Collection Date: 12/21/2005

QCG: $GAS-051226A-95442

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
8015	Gasoline	Not detected	20	ug/L	12/26/2005	12/26/2005
8015	Surrogate-BFB	84.3	74-118	%	12/26/2005	12/26/2005

Run #: 1226H07
Instrument: HARPO
Sequence: 051205
Dilution Factor: 1
Initials: KT

Printed: 1/18/2006 4:42:18 PM
Form 1 - APPL Standard GC - No MC

Gas-Water

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: ANNETTE MAXWELL

Project: 050T.50265.00(0001) PG&E Oakland GC Yard

ARF: 49404

Sample ID: OW-7

APPL ID: AX32911

Sample Collection Date: 12/21/2005

QCG: $GAS-051226A-95442

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
8015	Gasoline	330 ++	20	ug/L	12/25/2005	12/25/2005
8015	Surrogate-BFB	116	74-118	%	12/25/2005	12/25/2005

++(G5) The analyst has noted that the chromatogram of this sample is mainly a dominant peak(s) which is not indicative of petroleum hydrocarbons.

Run #: 1226H08
Instrument: HARPO
Sequence: 051205
Dilution Factor: 1
Initials: KT

Printed: 1/18/2006 4:42:18 PM
Form 1 - APPL Standard GC - No MC

Gas-Water

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: ANNETTE MAXWELL

Project: 050T.50265.00(0001) PG&E Oakland GC Yard

ARF: 49404

Sample ID: OW-6

APPL ID: AX32912

Sample Collection Date: 12/21/2005

QCG: $GAS-051226A-95442

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
8015	Gasoline	Not detected	20	ug/L	12/26/2005	12/26/2005
8015	Surrogate-BFB	99.1	74-118	%	12/26/2005	12/26/2005

Run #: 1226H09
Instrument: HARPO
Sequence: 051205
Dilution Factor: 1
Initials: KT

Printed: 1/18/2006 4:42:18 PM
Form 1 - APPL Standard GC - No MC

Gas-Water

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: ANNETTE MAXWELL

Project: 050T.50265.00(0001) PG&E Oakland GC Yard

ARF: 49404

Sample ID: OW-1

APPL ID: AX32913

Sample Collection Date: 12/20/2005

QCG: $GAS-051226A-95442

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
8015	Gasoline	53 ++	20	ug/L	12/26/2005	12/26/2005
8015	Surrogate-BFB	110	74-118	%	12/26/2005	12/26/2005

++(G5) The analyst has noted that the chromatogram of this sample is mainly a dominant peak(s) which is not indicative of petroleum hydrocarbons.

Run #: 1226H10
Instrument: HARPO
Sequence: 051205
Dilution Factor: 1
Initials: KT

Printed: 1/18/2006 4:42:18 PM
Form 1 - APPL Standard GC - No MC

EPA 8270C - Water

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: ANNETTE MAXWELL

Project: 050T.50265.00(0001) PG&E Oakland GC Yard

ARF: 49404

Sample ID: EB

APPL ID: AX32910

Sample Collection Date: 12/21/05

QCG: $SIM-051227A-95454

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
8270C-SIM	2-Methylnaphthalene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Acenaphthene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Acenaphthylene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Anthracene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benz(a)anthracene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benzo(a)pyrene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benzo(b)fluoranthene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benzo(g,h,i)perylene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benzo(k)fluoranthene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Chrysene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Dibenz(a,h)anthracene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Fluoranthene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Fluorene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Indeno(1,2,3-cd)pyrene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Naphthalene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Phenanthrene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Pyrene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Surrogate recovery (FBP)	40.6	22-121	%	12/27/05	1/18/06
8270C-SIM	Surrogate recovery (NBZ)	46.1	38-121	%	12/27/05	1/18/06
8270C-SIM	Surrogate recovery (TPH)	62.3	46-128	%	12/27/05	1/18/06

Run #: 0118Y016
Instrument: YODA
Sequence: Y060118
Dilution Factor: 1
Initials: LF

Printed: 1/19/06 9:41:40 AM
Form 1 - APPL Standard GC - No MC

EPA 8270C - Water

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: ANNETTE MAXWELL

Project: 050T.50265.00(0001) PG&E Oakland GC Yard

ARF: 49404

Sample ID: OW-7

APPL ID: AX32911

Sample Collection Date: 12/21/05

QCG: $SIM-051227A-95454

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
8270C-SIM	2-Methylnaphthalene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Acenaphthene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Acenaphthylene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Anthracene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benz(a)anthracene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benzo(a)pyrene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benzo(b)fluoranthene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benzo(g,h,i)perylene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benzo(k)fluoranthene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Chrysene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Dibenz(a,h)anthracene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Fluoranthene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Fluorene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Indeno(1,2,3-cd)pyrene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Naphthalene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Phenanthrene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Pyrene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Surrogate recovery (FBP)	32.3	22-121	%	12/27/05	1/18/06
8270C-SIM	Surrogate recovery (NBZ)	56.3	38-121	%	12/27/05	1/18/06
8270C-SIM	Surrogate recovery (TPH)	83.1	46-128	%	12/27/05	1/18/06

Run #: 0118Y017
Instrument: YODA
Sequence: Y060118
Dilution Factor: 1
Initials: LF

Printed: 1/19/06 9:41:40 AM
Form 1 - APPL Standard GC - No MC

EPA 8270C - Water

Secor International Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Attn: ANNETTE MAXWELL

Project: 050T.50265.00(0001) PG&E Oakland GC Yard

ARF: 49404

Sample ID: OW-6

APPL ID: AX32912

Sample Collection Date: 12/21/05

QCG: $SIM-051227A-95454

Method	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
8270C-SIM	2-Methylnaphthalene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Acenaphthene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Acenaphthylene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Anthracene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benz(a)anthracene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benzo(a)pyrene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benzo(b)fluoranthene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benzo(g,h,i)perylene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Benzo(k)fluoranthene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Chrysene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Dibenz(a,h)anthracene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Fluoranthene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Fluorene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Indeno(1,2,3-cd)pyrene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Naphthalene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Phenanthrene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Pyrene	Not detected	0.2	ug/L	12/27/05	1/18/06
8270C-SIM	Surrogate recovery (FBP)	32.9	22-121	%	12/27/05	1/18/06
8270C-SIM	Surrogate recovery (NBZ)	51.1	38-121	%	12/27/05	1/18/06
8270C-SIM	Surrogate recovery (TPH)	77.3	46-128	%	12/27/05	1/18/06

Run #: 0118Y018
Instrument: YODA
Sequence: Y060118
Dilution Factor: 1
Initials: LF

Printed: 1/19/06 9:41:40 AM
Form 1 - APPL Standard GC - No MC

Method Blank
EPA 8015B TPH Diesel Water

Blank Name/QCG: **051228W-32910 - 95364**
Batch ID: $TPHD-051227A

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Sample Type	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
BLANK	Diesel Fuel	Not detected	50	ug/L	12/28/05	1/4/06
BLANK	Motor Oil	Not detected	500	ug/L	12/28/05	1/4/06
BLANK	Surrogate: Octacosane	97.3	28-142	%	12/28/05	1/4/06
BLANK	Surrogate: Ortho-Terphenyl	91.5	49-128	%	12/28/05	1/4/06

Run #: 104036
Instrument: Apollo
Sequence: 060104
Initials: RWP

Printed: 1/17/06 4:05:58 PM

Laboratory Control Spike Recovery
EPA 8015B TPH Diesel Water

APPL ID: **051228W-32910 LCS - 95364**
Batch ID: $TPHD-051227A

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
Diesel Fuel	1000	931	93.1	61-143
Motor Oil	1000	962	96.2	50-150
Surrogate: Octacosane	100	50.6	50.6	28-142
Surrogate: Ortho-Terphenyl	100	95.7	95.7	49-128

Comments: _____

Primary	SPK
Extraction Date :	12/28/05
Analysis Date :	1/4/06
Instrument :	Apollo
Run :	104037,38
Initials :	RWP

Printed: 1/17/06 4:05:54 PM

APPL Standard LCS

Method Blank
EPA 8260B

Blank Name/QCG: **060104W-32910 - 95382**
Batch ID: S8260-060104A

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Sample Type	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
BLANK	1,1,1,2-Tetrachloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	1,1,1-Trichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	1,1,2,2-Tetrachloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	1,1,2-Trichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	1,1-Dichloroethane	Not detected	1	ug/L	01/04/06	01/04/06
BLANK	1,1-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	1,2-Dichlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	1,2-Dichloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	1,2-Dichloropropane	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	1,3-Dichlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	1,4-Dichlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Benzene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Bromobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Bromodichloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Bromoform	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Bromomethane	Not detected	1	ug/L	01/04/06	01/04/06
BLANK	Carbon tetrachloride	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Chlorobenzene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Chloroethane	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Chloroform	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Chloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	cis-1,2-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	cis-1,3-Dichloropropene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Dibromochloromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Dibromomethane	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Dichlorodifluoromethane	Not detected	1	ug/L	01/04/06	01/04/06
BLANK	Ethyl benzene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Freon-113	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Methylene chloride	Not detected	5.0	ug/L	01/04/06	01/04/06
BLANK	MTBE	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Tetrachloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Toluene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	trans-1,2-Dichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	trans-1,3-Dichloropropene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Trichloroethene	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Trichlorofluoromethane	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Vinyl chloride	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Xylenes	Not detected	0.5	ug/L	01/04/06	01/04/06
BLANK	Surrogate Recovery (BFB)	103	72-133	%	01/04/06	01/04/06

Run #: 0104C15
Instrument: Chico
Sequence: C060104
Initials: DA

Printed: 01/17/06 1:20:24 PM

Method Blank
EPA 8260B

Blank Name/QCG: **060104W-32910 - 95382**
Batch ID: $8260-060104A

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Sample Type	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
BLANK	Surrogate Recovery (DBFM)	103	78-125	%	01/04/06	01/04/06
BLANK	Surrogate Recovery (DCA)	109	70-125	%	01/04/06	01/04/06
BLANK	Surrogate Recovery (TOL)	93.2	73-124	%	01/04/06	01/04/06

Run #: 0104C15
Instrument: Chico
Sequence: C060104
Initials: DA

Printed: 01/17/06 1:20:24 PM

Laboratory Control Spike Recovery
EPA 8260B

APPL ID: **060104W-32910 LCS - 95382**
Batch ID: $8260-060104A

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
1,1,1,2-Tetrachloroethane	10	10.9	109	73-124
1,1,1-Trichloroethane	10	10.1	101	67-125
1,1,2,2-Tetrachloroethane	10	12.4	124	71-127
1,1,2-Trichloroethane	10	11.8	118	74-121
1,1-Dichloroethane	10	10.7	107	62-132
1,1-Dichloroethene	10	9.77	97.7	70-125
1,2-Dichlorobenzene	10	10.3	103	70-129
1,2-Dichloroethane	10	12.7	127 #	68-123
1,2-Dichloropropane	10	11.0	110	77-125
1,3-Dichlorobenzene	10	10.0	100	69-129
1,4-Dichlorobenzene	10	10.3	103	71-126
Benzene	10	10.0	100	68-124
Bromobenzene	10	9.74	97.4	65-130
Bromodichloromethane	10	11.5	115	69-124
Bromoform	10	11.0	110	67-125
Bromomethane	10	10.9	109	71-131
Carbon tetrachloride	10	10.7	107	70-122
Chlorobenzene	10	10.6	106	72-125
Chloroethane	10	10.3	103	78-125
Chloroform	10	10.8	108	69-122
Chloromethane	10	7.09	70.9	71-124
cis-1,2-Dichloroethene	10	11.3	113	72-123
cis-1,3-Dichloropropene	10	12.0	120	70-125
Dibromochloromethane	10	12.0	120	70-125
Dibromomethane	10	12.1	121	66-126
Dichlorodifluoromethane	10	10.1	101	68-131

= Recovery is outside QC limits.

Comments: _____

Primary	SPK
Extraction Date :	01/04/06
Analysis Date :	01/04/06
Instrument :	Chico
Run :	0104C12
Initials :	DA

Printed: 01/17/06 1:20:21 PM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: **060104W-32910 LCS - 95382**
Batch ID: $8260-060104A

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
Ethyl benzene	10	9.88	98.8	70-123
Freon-113	10	10.6	106	74-138
Methylene chloride	10	10.9	109	78-118
MTBE	10	12.7	127 #	72-125
Tetrachloroethene	10	9.25	92.5	62-136
Toluene	10	10.3	103	69-122
trans-1,2-Dichloroethene	10	9.90	99.0	68-126
trans-1,3-Dichloropropene	10	13.5	135 #	62-127
Trichloroethene	10	10.3	103	70-128
Trichlorofluoromethane	10	10.0	100	66-132
Vinyl chloride	10	9.24	92.4	79-138
Xylenes	30	29.8	99.3	73-145
Surrogate Recovery (BFB)	23.00	22.9	99.6	72-133
Surrogate Recovery (DBFM)	22.35	23.4	105	78-125
Surrogate Recovery (DCA)	22.73	25.9	114	70-125
Surrogate Recovery (TOL)	23.00	20.0	87.0	73-124

= Recovery is outside QC limits.

Comments:

Primary	SPK
Extraction Date :	01/04/06
Analysis Date :	01/04/06
Instrument :	Chico
Run :	0104C12
Initials :	DA

Printed: 01/17/06 1:20:21 PM

APPL Standard LCS

Method Blank
Gas-Water

Blank Name/QCG: **051226W-32828 - 95442**
Batch ID: $GAS-051226A

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Sample Type	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
BLANK	Gasoline	Not detected	20	ug/L	12/26/2005	12/26/2005
BLANK	Surrogate-BFB	87.1	74-118	%	12/26/2005	12/26/2005

Run #: 1226H03
Instrument: HARPO
Sequence: 051205
Initials: KT

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Laboratory Control Spike Recovery
Gas-Water

APPL ID: **051226W-32828 LCS - 95442**
Batch ID: $GAS-051226A

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
Gasoline	300	319	106	73-120
Surrogate-BFB	21.5	23.5	109	74-118

Comments: _____

Primary	SPK
Extraction Date :	12/26/2005
Analysis Date :	12/26/2005
Instrument :	HARPO
Run :	1226H02
Initials :	KT

Printed: 1/18/2006 4:42:14 PM

APPL Standard LCS

Method Blank
EPA 8270C - Water

Blank Name/QCG: **051227W-32828 - 95454**
Batch ID: $SIM-051227A

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Sample Type	Analyte	Result	PQL	Units	Extraction Date	Analysis Date
BLANK	2-Methylnaphthalene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Acenaphthene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Acenaphthylene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Anthracene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Benz(a)anthracene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Benzo(a)pyrene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Benzo(b)fluoranthene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Benzo(g,h,i)perylene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Benzo(k)fluoranthene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Chrysene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Dibenz(a,h)anthracene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Fluoranthene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Fluorene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Indeno(1,2,3-cd)pyrene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Naphthalene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Phenanthrene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Pyrene	Not detected	0.2	ug/L	12/27/05	1/18/06
BLANK	Surrogate recovery (FBP)	64.2	22-121	%	12/27/05	1/18/06
BLANK	Surrogate recovery (NBZ)	76.5	38-121	%	12/27/05	1/18/06
BLANK	Surrogate recovery (TPH)	102	46-128	%	12/27/05	1/18/06

Run #: 0118Y019
Instrument: YODA
Sequence: Y060118
Initials: LF

Printed: 1/19/06 9:41:35 AM

Laboratory Control Spike Recoveries

EPA 8270C - Water

APPL ID: **051227W-32828 LCS - 95454**
Batch ID: $SIM-051227A

APPL Inc.
4203 West Swift Avenue
Fresno, CA 93722

Compound Name	Spike Lvl ug/L	SPK Result ug/L	DUP Result ug/L	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
2-Methylnaphthalene	4	2.72	2.37	68.0	59.3	29-99	13.8	20
Acenaphthene	4	2.90	2.59	72.5	64.8	37-102	11.3	20
Acenaphthylene	4	2.83	2.57	70.8	64.3	40-101	9.6	20
Anthracene	4	3.04	2.37	76.0	59.3	48-104	24.8 #	20
Benz(a)anthracene	4	2.63	2.69	65.8	67.3	49-105	2.3	20
Benzo(a)pyrene	4	2.73	2.79	68.3	69.8	48-104	2.2	20
Benzo(b)fluoranthene	4	2.95	2.74	73.8	68.5	47-108	7.4	20
Benzo(g,h,i)perylene	4	3.03	2.53	75.8	63.2	46-110	18.0	20
Benzo(k)fluoranthene	4	3.48	3.24	87.0	81.0	45-108	7.1	20
Chrysene	4	3.06	3.30	76.5	82.5	49-110	7.5	20
Dibenz(a,h)anthracene	4	3.14	2.50	78.5	62.5	48-109	22.7 #	20
Fluoranthene	4	3.03	2.95	75.8	73.8	50-105	2.7	20
Fluorene	4	2.96	2.72	74.0	68.0	43-103	8.5	20
Indeno(1,2,3-cd)pyrene	4	2.94	2.23	73.5	55.8	44-112	27.5 #	20
Naphthalene	4	2.33	2.54	58.3	63.5	30-97	8.6	20
Phenanthrene	4	2.85	2.77	71.3	69.3	49-103	2.8	20
Pyrene	4	2.98	3.02	74.5	75.5	49-105	1.3	20
Surrogate recovery (FBP)	2	1.69	1.46	84.5	73.0	22-121		
Surrogate recovery (NBZ)	2	1.48	2.05	74.0	102	38-121		
Surrogate recovery (TPH)	2	1.65	1.63	82.5	81.5	46-128		

= Recovery is outside QC limits.

Comments:

Primary	SPK	DUP
Extraction Date :	12/27/05	12/27/05
Analysis Date :	1/18/06	1/18/06
Instrument :	YODA	YODA
Run :	0118Y020	0118Y021
Initials :	LF	

Printed: 1/19/06 9:41:37 AM
APPL Standard LCSD

SECOR CHAIN-OF-CUSTODY RECORD

COC # 02570
Page _____ of _____

FIELD OFFICE INFORMATION	PROJECT INFORMATION
OFFICE: 05-San Francisco	Project No.: 05OT.50265.00 Task: (0001)
Send Report To: 57 Lafayette Cir. 2nd Fl. Lafayette CA 94549	Project Name: PG&E Oakland GC Yard
	Project Manager: Annette Maxwell
Telephone: (925) 299-9300	Laboratory: APPL - Fresno
Fax / E-Mail: -9302	

Sample No. / Identification	SAMPLE Date	Time	Matrix*	Container & Size **	Preservative	Number of Containers	TPHg/d/mo (EPA 8015)	VOC's (EPA 8260B)	PAH's (EPA 8270 SIMs)	REMARKS / PRECAUTIONS
EB	12-21-05	0900	W	GV, 3A	HCL, -	9	X	X	X	
OW-7	"	0955	"	GV, 3A	"	9	X	X	X	
OW-6	"	1135	"	GV, 3A	"	9	X	X	X	
OW-1	12-20-05	1645	"	GV, 2A	"	8	X	X		

TAT: [X] Normal [ ] Rush [ ] Other _____

REPORTING REQUIREMENTS: [ ] MB & SURGS [ ] Dup/MS/MSD [ ] Raw Data [ ] CLP Rpt [ ] EDD [ ] Other _____

Possible Hazard Identification: [X] Non-Hazardous [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return to Client [X] Disposal by Lab [ ] Archive for _____ Months

Sampled by: BK Bob Robitaille Shipment Method: Lab Courier Airbill Number:

	Signature	Print Name	Company	Date	Time
1a	Relinquished by:	Bob Robitaille	SECOR	12-21-05	14:05
1b	Received by:	Robert Silvas	APPL INC.	12/21/05	1405
2a	Relinquished by:				
2b	Received by:	Chue Fue Moua	Appl Inc.	12-22-05	800
3a	Relinquished by:				
3b	Received by:				

***Matrix Key:** AQ = Aqueous AR = Air SO = Soil WA = Waste OT = Other

****Container:** A = Amber C = Clear Glass V = VOA S = Soil Jar O = Orbo T = Tedlar B = Brass P = Plastic OT = Other